



## Statistical Report 2017

Detailed information is publicly available on-line in the Eurotransplant Statistics Library at [statistics.eurotransplant.org](http://statistics.eurotransplant.org) (Eurotransplant members have access to even more specific information).

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# 1. Eurotransplant: donation, waiting lists and transplants

## DONATION

Number of deceased donors per million population

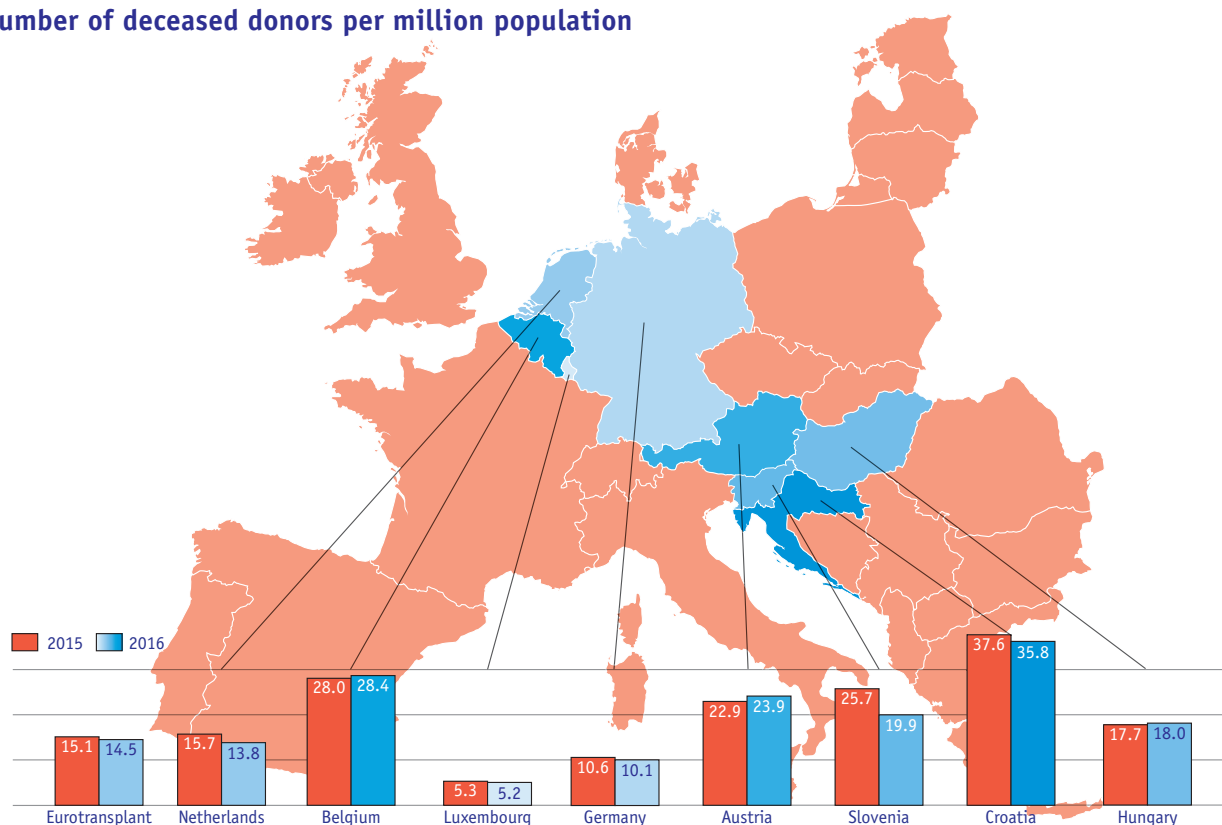
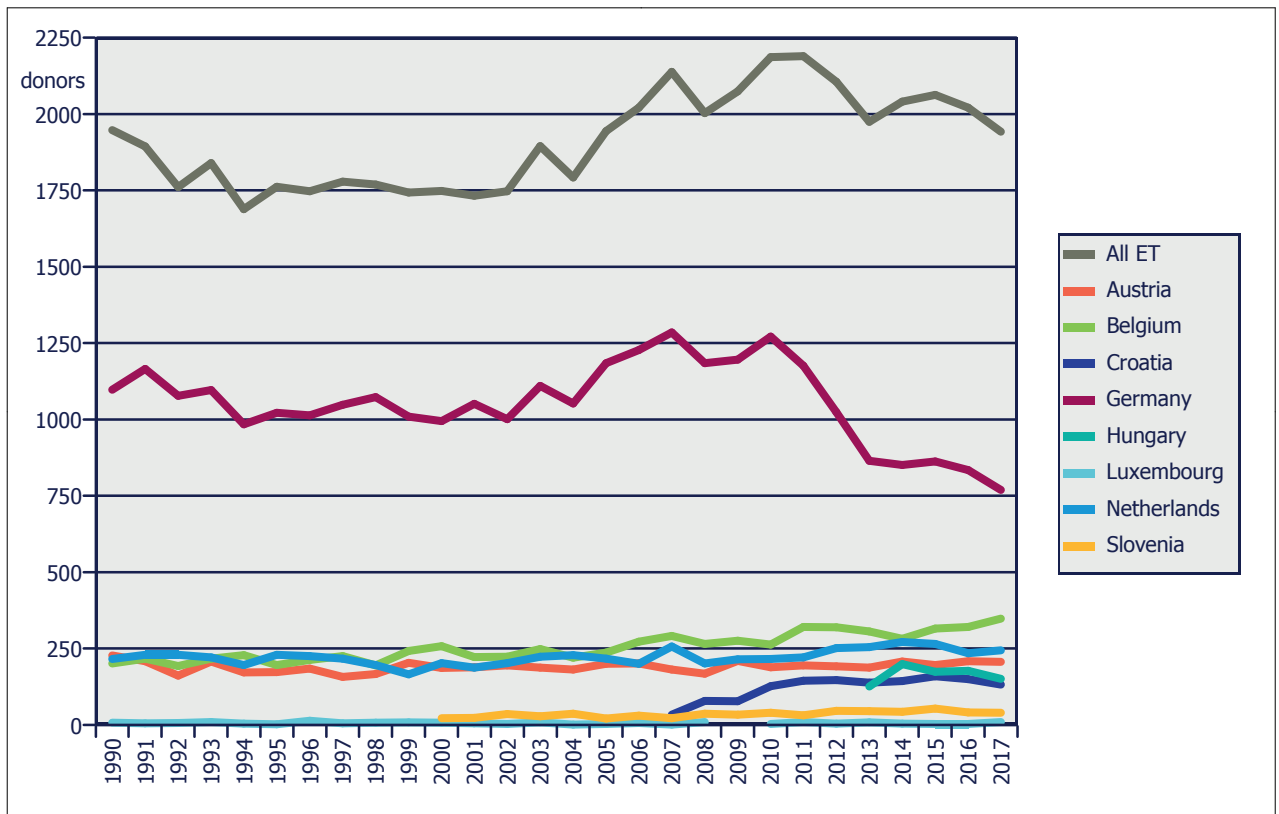


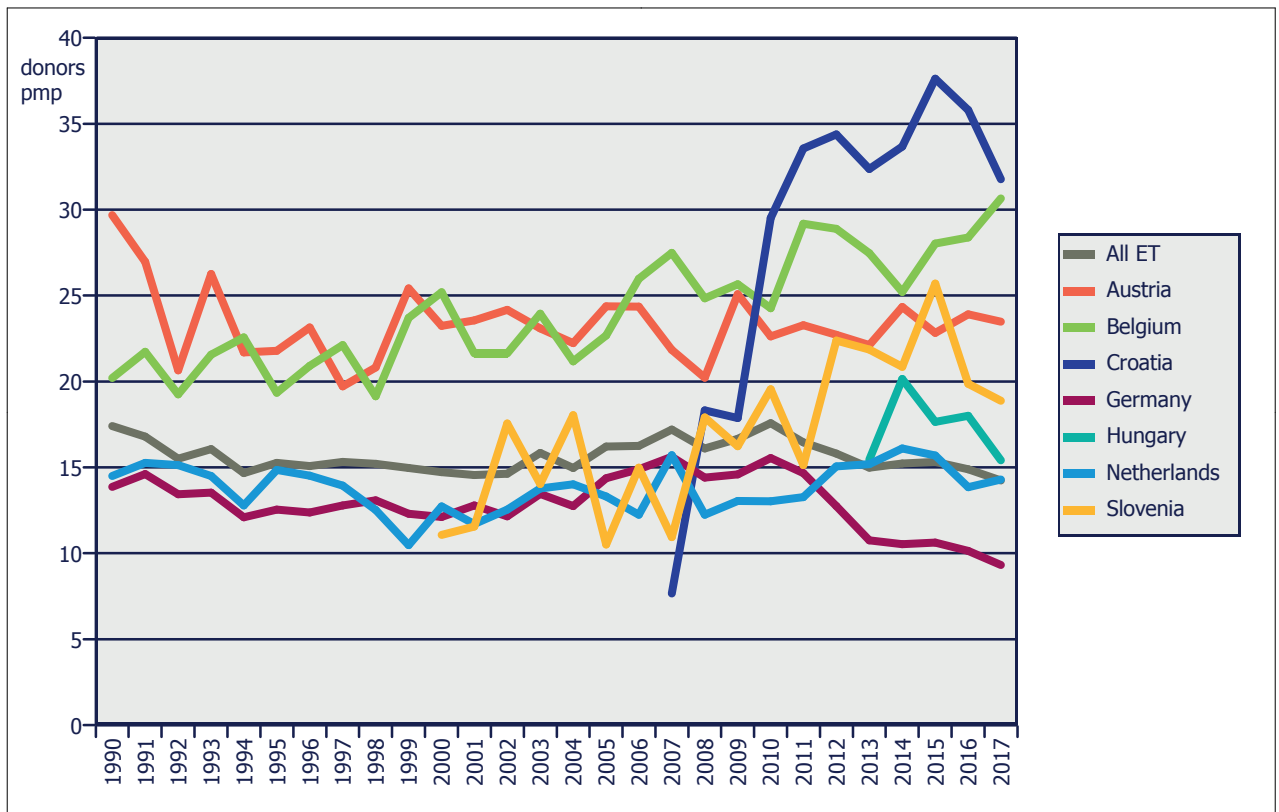
Table 1.1 Number of deceased donors used for a transplant, by donor country, from 2013 to 2017

Donor country	Population (millions)	2013	2014	2015	2016	2017	pmp	2016/2017
A Austria	8.8	187	207	196	208	206	23.5	-1.0 %
B Belgium	11.4	306	282	315	321	348	30.7	8.4 %
HR Croatia	4.2	138	143	159	150	132	31.8	-12.0 %
D Germany	82.5	865	851	863	834	769	9.3	-7.8 %
H Hungary	9.8	125	199	174	177	151	15.4	-14.7 %
L Luxembourg	0.6	8	4	3	3	9	15.2	200.0 %
NL Netherlands	17.1	255	271	265	235	244	14.3	3.8 %
SLO Slovenia	2.1	45	43	53	41	39	18.9	-4.9 %
ET	136.3	1929	2000	2028	1969	1898	13.9	-3.6 %
Non-ET Non-ET		46	41	35	52	44		-15.4 %
<b>Total</b>		<b>1975</b>	<b>2041</b>	<b>2063</b>	<b>2021</b>	<b>1942</b>		<b>-3.9 %</b>

**Figure 1.1a** Number of deceased donors used for a transplant in Eurotransplant



**Figure 1.1b** Number of deceased donors used for transplant, per million population



**Table 1.2a(i) Number of deceased donors reported to Eurotransplant, by organ, from 2013 to 2017**

Donors reported	2013	2014	2015	2016	2017	2016/2017
Kidney	1972	2061	2106	2002	1932	-3,5 %
Heart	898	932	886	878	817	-6,9 %
Lung	1164	1171	1124	1122	1125	0,3 %
Liver	1915	1980	2003	1978	1939	-2,0 %
Pancreas	951	922	961	888	857	-3,5 %
<b>Total donors</b>	<b>2302</b>	<b>2299</b>	<b>2317</b>	<b>2306</b>	<b>2246</b>	<b>-2,6 %</b>

**Table 1.2a(ii) Number of deceased donors reported to Eurotransplant, by organ and donor country, in 2017**

Donors reported	A	B	D	H	HR	L	NL	SLO	Non-ET	Total
Kidney	219	309	763	160	127	9	294	44	7	1932
Heart	103	117	375	58	32	3	53	31	45	817
Lung	113	203	447	56	18	4	168	25	91	1125
Liver	204	354	793	131	139	9	236	41	32	1939
Pancreas	59	223	239	22	23	2	265	18	6	857
<b>Total donors</b>	<b>224</b>	<b>380</b>	<b>821</b>	<b>165</b>	<b>142</b>	<b>10</b>	<b>322</b>	<b>44</b>	<b>138</b>	<b>2246</b>

**Table 1.2b(i) Number of deceased donors used for a transplant, by organ, from 2013 to 2017**

Donors used	2013	2014	2015	2016	2017	2016/2017
Kidney	1682	1788	1827	1736	1647	-5,1 %
Heart	589	634	605	587	548	-6,6 %
Lung	671	661	609	648	628	-3,1 %
Liver	1515	1591	1606	1567	1519	-3,1 %
Pancreas	228	230	259	213	167	-21,6 %
<b>Total donors</b>	<b>1975</b>	<b>2041</b>	<b>2063</b>	<b>2021</b>	<b>1942</b>	<b>-3,9 %</b>

**Table 1.2b(ii) Number of deceased donors used for a transplant, by organ and donor country, in 2017**

Donors used	A	B	D	H	HR	L	NL	SLO	Non-ET	Total
Kidney	192	260	700	138	92	7	227	28	3	1647
Heart	69	82	250	50	31	2	35	19	10	548
Lung	76	129	255	42	14	3	66	15	28	628
Liver	157	285	653	91	121	9	161	34	8	1519
Pancreas	20	31	70	6	5	0	32	3	0	167
<b>Total donors</b>	<b>206</b>	<b>348</b>	<b>769</b>	<b>151</b>	<b>132</b>	<b>9</b>	<b>244</b>	<b>39</b>	<b>44</b>	<b>1942</b>

Figure 1.2 Median age of deceased donors used for a transplant in Eurotransplant

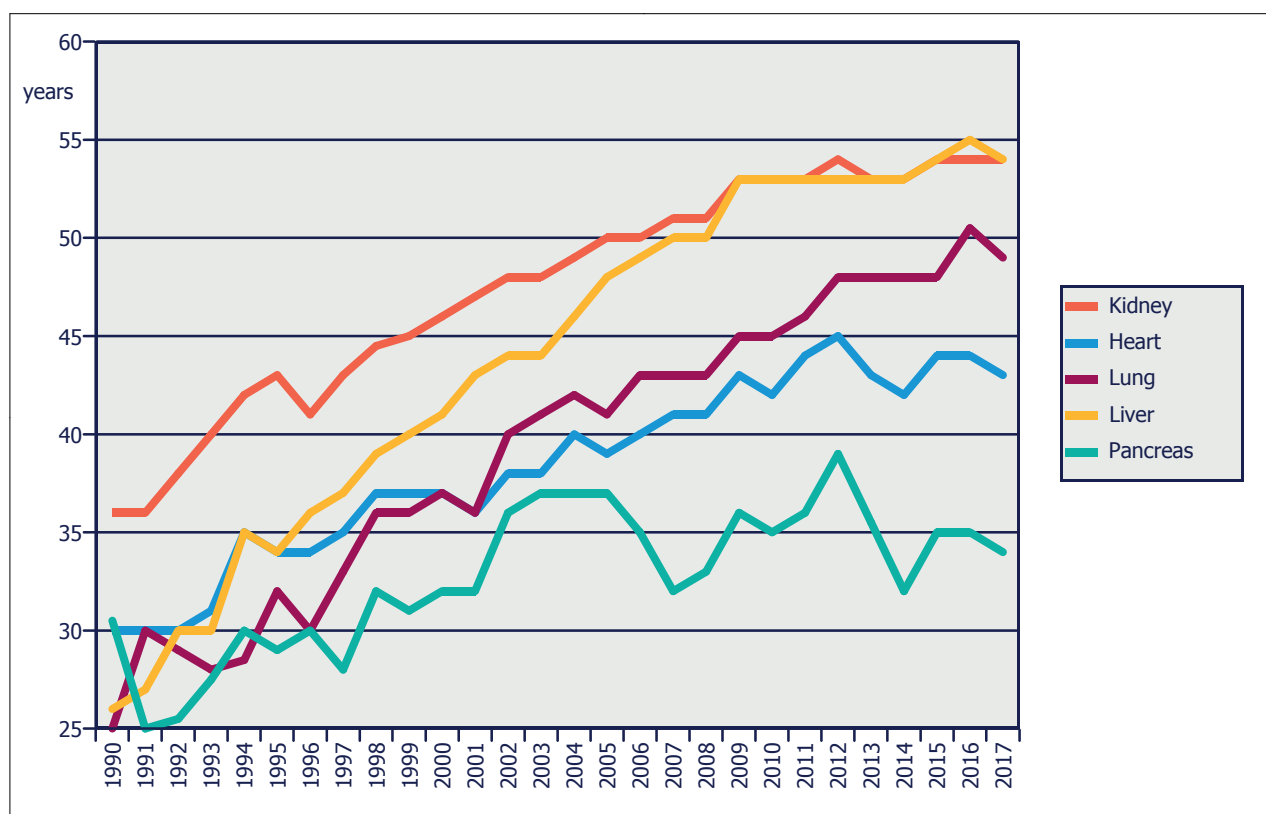


Table 1.3a(i) Demographic data on deceased donors used for a transplant, from 2013 to 2017

Age	2013	2014	2015	2016	2017	2016/2017
0-15	68	68	73	56	63	12,5 %
16-55	1044	1048	1044	989	930	-6,0 %
56-64	409	452	436	451	433	-4,0 %
65+	454	473	510	525	516	-1,7 %
<b>Total</b>	<b>1975</b>	<b>2041</b>	<b>2063</b>	<b>2021</b>	<b>1942</b>	<b>-3,9 %</b>

Gender	2013	2014	2015	2016	2017	2016/2017
Female	891	924	940	917	884	-3,6 %
Male	1084	1117	1123	1104	1058	-4,2 %
<b>Total</b>	<b>1975</b>	<b>2041</b>	<b>2063</b>	<b>2021</b>	<b>1942</b>	<b>-3,9 %</b>

Blood group	2013	2014	2015	2016	2017	2016/2017
A	784	903	890	866	858	-0,9 %
AB	110	87	105	94	99	5,3 %
B	235	236	247	232	204	-12,1 %
O	846	815	821	829	781	-5,8 %
<b>Total</b>	<b>1975</b>	<b>2041</b>	<b>2063</b>	<b>2021</b>	<b>1942</b>	<b>-3,9 %</b>

**Table 1.3a(i) (continued)**

Cause of death	2013	2014	2015	2016	2017	2016/2017
Accident	352	385	376	373	313	-16,1 %
Natural	1546	1572	1591	1549	1533	-1,0 %
Suicide	53	63	61	63	72	14,3 %
Other	24	21	35	36	24	-33,3 %
<b>Total</b>	<b>1975</b>	<b>2041</b>	<b>2063</b>	<b>2021</b>	<b>1942</b>	<b>-3,9 %</b>

**Table 1.3a(ii) Demographic data on deceased donors used for a transplant, in 2017**

Age	A	B	D	H	HR	L	NL	SLO	Non-ET	Total	%
0-15	8	11	24	4	2	0	6	1	7	63	3,2 %
16-55	112	167	358	86	40	3	113	20	31	930	47,9 %
56-64	40	72	168	42	33	3	64	7	4	433	22,3 %
65+	46	98	219	19	57	3	61	11	2	516	26,6 %
<b>Total</b>	<b>206</b>	<b>348</b>	<b>769</b>	<b>151</b>	<b>132</b>	<b>9</b>	<b>244</b>	<b>39</b>	<b>44</b>	<b>1942</b>	<b>100,0 %</b>

Gender	A	B	D	H	HR	L	NL	SLO	Non-ET	Total	%
Female	87	157	356	69	58	4	112	21	20	884	45,5 %
Male	119	191	413	82	74	5	132	18	24	1058	54,5 %
<b>Total</b>	<b>206</b>	<b>348</b>	<b>769</b>	<b>151</b>	<b>132</b>	<b>9</b>	<b>244</b>	<b>39</b>	<b>44</b>	<b>1942</b>	<b>100,0 %</b>

Blood group	A	B	D	H	HR	L	NL	SLO	Non-ET	Total	%
A	86	163	340	66	58	5	108	21	11	858	44,2 %
AB	10	12	38	12	8	0	6	5	8	99	5,1 %
B	21	21	89	26	21	1	17	5	3	204	10,5 %
O	89	152	302	47	45	3	113	8	22	781	40,2 %
<b>Total</b>	<b>206</b>	<b>348</b>	<b>769</b>	<b>151</b>	<b>132</b>	<b>9</b>	<b>244</b>	<b>39</b>	<b>44</b>	<b>1942</b>	<b>100,0 %</b>

Cause of death	A	B	D	H	HR	L	NL	SLO	Non-ET	Total	%
Accident	37	77	110	16	11	2	37	12	11	313	16,1 %
Natural	157	231	659	128	119	7	179	24	29	1533	78,9 %
Suicide	11	35	0	4	2	0	16	3	1	72	3,7 %
Other	1	5	0	3	0	0	12	0	3	24	1,2 %
<b>Total</b>	<b>206</b>	<b>348</b>	<b>769</b>	<b>151</b>	<b>132</b>	<b>9</b>	<b>244</b>	<b>39</b>	<b>44</b>	<b>1942</b>	<b>100,0 %</b>

**Table 1.3b(i) Age of deceased organ donors used for a transplant, from 2013 to 2017**

All donors	2013	2014	2015	2016	2017	2016/2017
0-15	68	68	73	56	63	12,5 %
16-55	1044	1048	1044	989	930	-6,0 %
56-64	409	452	436	451	433	-4,0 %
65+	454	473	510	525	516	-1,7 %
<b>Total</b>	<b>1975</b>	<b>2041</b>	<b>2063</b>	<b>2021</b>	<b>1942</b>	<b>-3,9 %</b>

**Table 1.3b(i) (continued)**

<b>Kidney donors</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2016/2017</b>
0-15	50	57	61	44	52	18,2 %
16-55	921	950	956	894	828	-7,4 %
56-64	359	405	400	399	381	-4,5 %
65+	352	376	410	399	386	-3,3 %
<b>Total</b>	<b>1682</b>	<b>1788</b>	<b>1827</b>	<b>1736</b>	<b>1647</b>	<b>-5,1 %</b>
<b>Heart donors</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2016/2017</b>
0-15	44	44	41	32	34	6,3 %
16-55	462	509	476	463	428	-7,6 %
56-64	73	73	79	85	81	-4,7 %
65+	10	8	9	7	5	-28,6 %
<b>Total</b>	<b>589</b>	<b>634</b>	<b>605</b>	<b>587</b>	<b>548</b>	<b>-6,6 %</b>
<b>Lung donors</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2016/2017</b>
0-15	19	24	26	19	16	-15,8 %
16-55	477	444	409	410	394	-3,9 %
56-64	114	121	110	139	134	-3,6 %
65+	61	72	64	80	84	5,0 %
<b>Total</b>	<b>671</b>	<b>661</b>	<b>609</b>	<b>648</b>	<b>628</b>	<b>-3,1 %</b>
<b>Liver donors</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2016/2017</b>
0-15	53	55	59	41	48	17,1 %
16-55	811	832	828	777	747	-3,9 %
56-64	303	335	324	331	330	-0,3 %
65+	348	369	395	418	394	-5,7 %
<b>Total</b>	<b>1515</b>	<b>1591</b>	<b>1606</b>	<b>1567</b>	<b>1519</b>	<b>-3,1 %</b>
<b>Pancreas donors</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2016/2017</b>
0-15	18	18	21	12	9	-25,0 %
16-55	192	203	205	184	144	-21,7 %
56-64	12	7	15	13	12	-7,7 %
65+	6	2	18	4	2	-50,0 %
<b>Total</b>	<b>228</b>	<b>230</b>	<b>259</b>	<b>213</b>	<b>167</b>	<b>-21,6 %</b>

**Table 1.3b(ii) Age of deceased donors used for a transplant, by organ and donor country, in 2017**

<b>All donors</b>	<b>A</b>	<b>B</b>	<b>D</b>	<b>H</b>	<b>HR</b>	<b>L</b>	<b>NL</b>	<b>SLO</b>	<b>Non-ET</b>	<b>Total</b>	<b>%</b>
0-15	8	11	24	4	2	0	6	1	7	63	3,2 %
16-55	112	167	358	86	40	3	113	20	31	930	47,9 %
56-64	40	72	168	42	33	3	64	7	4	433	22,3 %
65+	46	98	219	19	57	3	61	11	2	516	26,6 %
<b>Total</b>	<b>206</b>	<b>348</b>	<b>769</b>	<b>151</b>	<b>132</b>	<b>9</b>	<b>244</b>	<b>39</b>	<b>44</b>	<b>1942</b>	<b>100,0 %</b>

**Table 1.3b(ii) (continued)**

<b>Kidney donors</b>	<b>A</b>	<b>B</b>	<b>D</b>	<b>H</b>	<b>HR</b>	<b>L</b>	<b>NL</b>	<b>SLO</b>	<b>Non-ET</b>	<b>Total</b>	<b>%</b>
0-15	8	10	20	4	2	0	6	1	1	52	3,2 %
16-55	107	144	333	81	36	2	108	16	1	828	50,3 %
56-64	36	61	156	35	24	3	61	5	0	381	23,1 %
65+	41	45	191	18	30	2	52	6	1	386	23,4 %
<b>Total</b>	<b>192</b>	<b>260</b>	<b>700</b>	<b>138</b>	<b>92</b>	<b>7</b>	<b>227</b>	<b>28</b>	<b>3</b>	<b>1647</b>	<b>100,0 %</b>

<b>Heart donors</b>	<b>A</b>	<b>B</b>	<b>D</b>	<b>H</b>	<b>HR</b>	<b>L</b>	<b>NL</b>	<b>SLO</b>	<b>Non-ET</b>	<b>Total</b>	<b>%</b>
0-15	6	6	14	2	2	0	0	1	3	34	6,2 %
16-55	56	64	191	42	27	1	25	15	7	428	78,1 %
56-64	7	11	41	6	2	1	10	3	0	81	14,8 %
65+	0	1	4	0	0	0	0	0	0	5	0,9 %
<b>Total</b>	<b>69</b>	<b>82</b>	<b>250</b>	<b>50</b>	<b>31</b>	<b>2</b>	<b>35</b>	<b>19</b>	<b>10</b>	<b>548</b>	<b>100,0 %</b>

<b>Lung donors</b>	<b>A</b>	<b>B</b>	<b>D</b>	<b>H</b>	<b>HR</b>	<b>L</b>	<b>NL</b>	<b>SLO</b>	<b>Non-ET</b>	<b>Total</b>	<b>%</b>
0-15	2	3	7	0	0	0	0	1	3	16	2,5 %
16-55	56	68	154	34	13	1	35	10	23	394	62,7 %
56-64	14	32	59	7	1	0	16	3	2	134	21,3 %
65+	4	26	35	1	0	2	15	1	0	84	13,4 %
<b>Total</b>	<b>76</b>	<b>129</b>	<b>255</b>	<b>42</b>	<b>14</b>	<b>3</b>	<b>66</b>	<b>15</b>	<b>28</b>	<b>628</b>	<b>100,0 %</b>

<b>Liver donors</b>	<b>A</b>	<b>B</b>	<b>D</b>	<b>H</b>	<b>HR</b>	<b>L</b>	<b>NL</b>	<b>SLO</b>	<b>Non-ET</b>	<b>Total</b>	<b>%</b>
0-15	7	9	18	4	2	0	5	1	2	48	3,2 %
16-55	93	138	307	57	38	3	90	18	3	747	49,2 %
56-64	28	52	152	19	26	3	42	6	2	330	21,7 %
65+	29	86	176	11	55	3	24	9	1	394	25,9 %
<b>Total</b>	<b>157</b>	<b>285</b>	<b>653</b>	<b>91</b>	<b>121</b>	<b>9</b>	<b>161</b>	<b>34</b>	<b>8</b>	<b>1519</b>	<b>100,0 %</b>

<b>Pancreas donors</b>	<b>A</b>	<b>B</b>	<b>D</b>	<b>H</b>	<b>HR</b>	<b>L</b>	<b>NL</b>	<b>SLO</b>	<b>Non-ET</b>	<b>Total</b>	<b>%</b>
0-15	3	1	4	0	0	0	1	0	0	9	5,4 %
16-55	17	23	65	6	5	0	25	3	0	144	86,2 %
56-64	0	6	1	0	0	0	5	0	0	12	7,2 %
65+	0	1	0	0	0	0	1	0	0	2	1,2 %
<b>Total</b>	<b>20</b>	<b>31</b>	<b>70</b>	<b>6</b>	<b>5</b>	<b>0</b>	<b>32</b>	<b>3</b>	<b>0</b>	<b>167</b>	<b>100,0 %</b>

**Table 1.4a(i) Number of donors used for a transplant, by type of donor, from 2013 to 2017**

<b>Donor type</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2016/2017</b>
Deceased	1975	2041	2063	2021	1942	-3,9%
Domino	3	6	4	13	5	-61,5%
Living	1533	1453	1412	1446	1399	-3,3%
<b>Total</b>	<b>3511</b>	<b>3500</b>	<b>3479</b>	<b>3480</b>	<b>3346</b>	<b>-3,9%</b>



**Table 1.4a(ii) Number of donors used for a transplant, by type and donor country, in 2017**

Donor type	A	B	D	H	HR	L	NL	SLO	Non-ET	Total
Deceased	206	348	769	151	132	9	244	39	44	1942
%	74,1%	77,9%	55,4%	79,1%	91,7%	100,0%	30,3%	95,1%	100,0%	58,0%
Domino	0	3	2	0	0	0	0	0	0	5
%	0,0%	0,7%	0,1%	0,0%	0,0%	0,0%	0,0%	0,0%	0,0%	0,1%
Living	72	96	617	40	12	0	560	2	0	1399
%	25,9%	21,5%	44,5%	20,9%	8,3%	0,0%	69,7%	4,9%	0,0%	41,8%
<b>Total</b>	<b>278</b>	<b>447</b>	<b>1388</b>	<b>191</b>	<b>144</b>	<b>9</b>	<b>804</b>	<b>41</b>	<b>44</b>	<b>3346</b>

**Table 1.4b(i) Number of deceased donors used for a transplant, by type of donor, from 2012 to 2017**

Donor type	2013	2014	2015	2016	2017	2016/2017
SOD	511	475	489	501	506	1,0%
MOD	1464	1566	1574	1520	1436	-5,5%
<b>Total</b>	<b>1975</b>	<b>2041</b>	<b>2063</b>	<b>2021</b>	<b>1942</b>	<b>-3,9%</b>

**Table 1.4b(ii) Number of deceased donors used for a transplant, by type and donor country, in 2017**

Donor type	A	B	D	H	HR	L	NL	SLO	Non-ET	Total
SOD	42	110	124	46	48	2	84	11	39	506
%	20,4%	31,6%	16,1%	30,5%	36,4%	22,2%	34,4%	28,2%	88,6%	26,1%
MOD	164	238	645	105	84	7	160	28	5	1436
%	79,6%	68,4%	83,9%	69,5%	63,6%	77,8%	65,6%	71,8%	11,4%	73,9%
<b>Total</b>	<b>206</b>	<b>348</b>	<b>769</b>	<b>151</b>	<b>132</b>	<b>9</b>	<b>244</b>	<b>39</b>	<b>44</b>	<b>1942</b>

MOD - multiple organ donor - a donor from which more than one organ type has been used in a transplant  
SOD - single organ donor

**Table 1.4c(i) Non-heart beating (NHB) donors used for a transplant, from 2013 to 2017**

NHB Category	2013	2014	2015	2016	2017	2016/2017
I - Dead on arrival	1	0	0	0	0	0,0%
II - Unsuccessful resuscitation	1	2	1	5	0	-100,0%
III - Awaiting cardiac arrest	216	202	248	212	246	16,0%
IV - Cardiac arrest in brain dead donor	0	1	1	1	0	-100,0%
<b>Total</b>	<b>218</b>	<b>205</b>	<b>250</b>	<b>218</b>	<b>246</b>	<b>12,8%</b>

**Table 1.4c(ii) Non-heart beating donors used for a transplant, by donor country, in 2017**

NHB Category	A	B	NL	Total	%
III - Awaiting cardiac arrest	7	103	136	246	100,0%
<b>Total</b>	<b>7</b>	<b>103</b>	<b>136</b>	<b>246</b>	<b>100,0%</b>

**Table 1.4d(i) Transplants from NHB donors from 2013 to 2017**

Type of transplant	2013	2014	2015	2016	2017	2016/2017
Kidney	353	321	385	330	360	9,1%
Kidney en bloc	2	3	1	1	4	300,0%
Whole liver	100	98	126	115	128	11,3%
Liver + kidney	0	3	5	3	3	0,0%
Single lung	10	1	3	5	6	20,0%
Double lung	50	37	58	60	56	-6,7%
Lungs + kidney	0	0	1	0	0	0,0%
Pancreas	0	0	2	2	0	-100,0%
Pancreas + kidney	2	4	9	6	8	33,3%
Pancreatic islets	6	5	20	6	7	16,7%
<b>Total</b>	<b>523</b>	<b>472</b>	<b>610</b>	<b>528</b>	<b>572</b>	<b>8,3%</b>

**Table 1.4d(ii) Transplants from NHB donors, by donor country, in 2017**

Type of transplant	Transplant country	A	B	NL	Total	%
Kidney	A	11	16	4	31	8,5%
	B	1	88	7	96	26,4%
	NL	0	21	216	237	65,1%
<b>Total</b>		<b>12</b>	<b>125</b>	<b>227</b>	<b>364</b>	<b>100,0%</b>
Liver	A	0	3	1	4	3,1%
	B	0	58	1	59	46,1%
	NL	0	7	58	65	50,8%
<b>Total</b>		<b>0</b>	<b>68</b>	<b>60</b>	<b>128</b>	<b>100,0%</b>
Liver + kidney	B	0	2	0	2	66,7%
	NL	0	1	0	1	33,3%
<b>Total</b>		<b>0</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>100,0%</b>
Lung	A	0	3	4	7	11,3%
	B	0	27	3	30	48,4%
	NL	0	1	24	25	40,3%
<b>Total</b>		<b>0</b>	<b>31</b>	<b>31</b>	<b>62</b>	<b>100,0%</b>
Pancreas + kidney	NL	0	1	7	8	100,0%
<b>Total</b>		<b>0</b>	<b>1</b>	<b>7</b>	<b>8</b>	<b>100,0%</b>
Pancreatic islets	B	0	2	0	2	28,6%
	NL	0	0	5	5	71,4%
<b>Total</b>		<b>0</b>	<b>2</b>	<b>5</b>	<b>7</b>	<b>100,0%</b>
<b>Total</b>		<b>12</b>	<b>230</b>	<b>330</b>	<b>572</b>	<b>100,0%</b>

## WAITING LIST

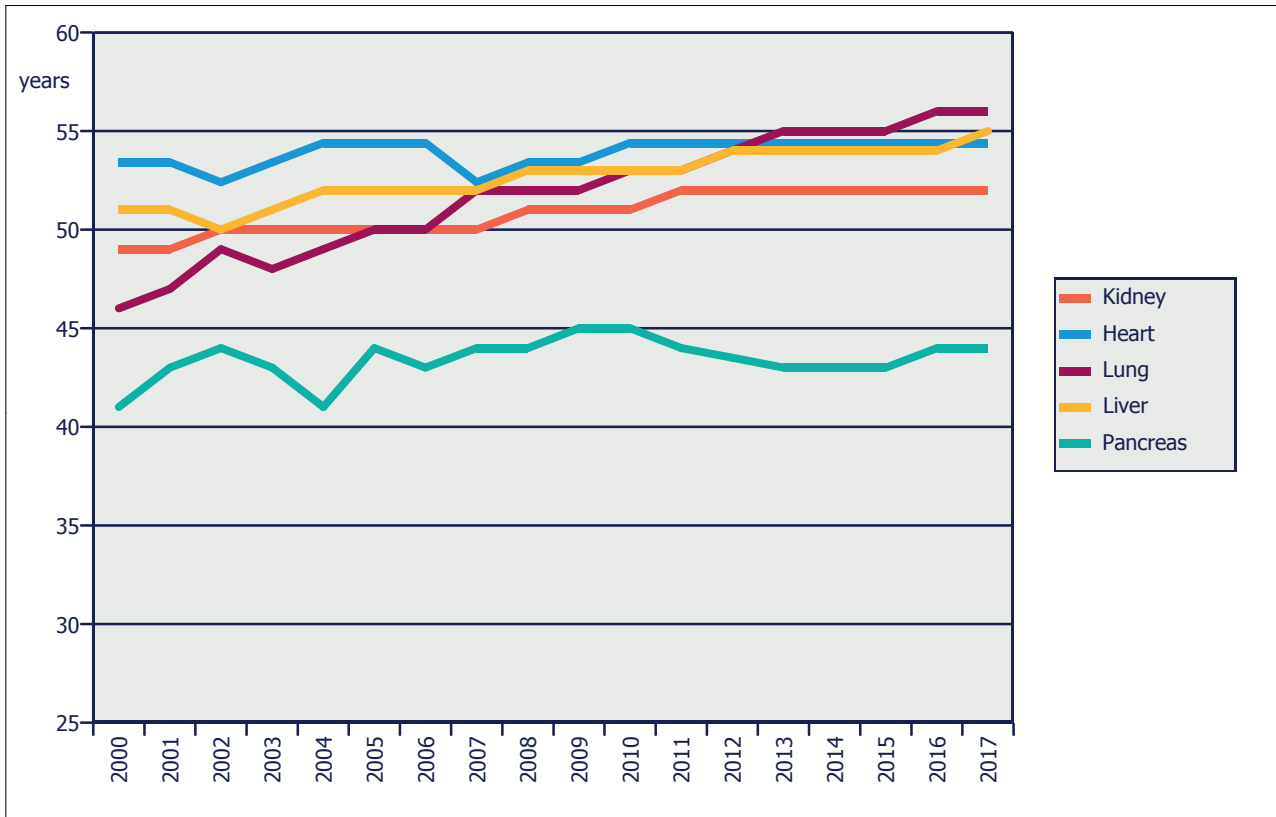
Table 1.5(i) Active Eurotransplant waiting lists at year end, from 2013 to 2017

Waiting list type	Composition	2013	2014	2015	2016	2017	2016/2017
Kidney	kidney	10757	10689	10400	10476	10663	9,6%
	kidney + heart	17	12	14	19	20	5,3%
	kidney + lung	1	1	0	1	0	-100,0%
	kidney + liver	57	55	62	57	66	26,9%
	kidney + liver + pancreas	1	1	1	1	2	100,0%
	kidney + pancreas	287	322	320	347	354	8,6%
<b>Kidney</b>	<b>Total</b>	<b>11120</b>	<b>11080</b>	<b>10797</b>	<b>10901</b>	<b>11105</b>	<b>9,7 %</b>
Heart	heart	1250	1140	1140	1097	1108	5,6%
	heart + kidney	17	12	14	19	20	5,3%
	heart + lung	15	12	13	11	13	18,2%
	heart + lung + liver	0	0	0	1	0	-100,0%
	heart + liver	1	0	3	2	0	-100,0%
<b>Heart</b>	<b>Total</b>	<b>1283</b>	<b>1164</b>	<b>1170</b>	<b>1130</b>	<b>1141</b>	<b>5,5 %</b>
Lung	lung	779	747	746	782	799	2,2%
	lung + kidney	1	1	0	1	0	-100,0%
	lung + heart	15	12	13	11	13	18,2%
	lung + heart + liver	0	0	0	1	0	-100,0%
	lung + liver	5	6	5	2	5	150,0%
<b>Lung</b>	<b>Total</b>	<b>800</b>	<b>766</b>	<b>764</b>	<b>797</b>	<b>817</b>	<b>2,5 %</b>
Liver	liver	2041	1853	1759	1636	1631	7,1%
	liver + kidney	57	55	62	57	66	26,9%
	liver + heart	1	0	3	2	0	-100,0%
	liver + heart + lung	0	0	0	1	0	-100,0%
	liver + lung	5	6	5	2	5	150,0%
	liver + pancreas	6	3	5	5	10	100,0%
	liver + pancreas + kidney	1	1	1	1	2	100,0%
<b>Liver</b>	<b>Total</b>	<b>2111</b>	<b>1918</b>	<b>1835</b>	<b>1704</b>	<b>1714</b>	<b>8,1 %</b>
Pancreas	pancreas	75	87	92	96	102	8,5%
	pancreas + kidney	287	322	320	347	354	8,6%
	pancreas + liver	6	3	5	5	10	100,0%
	pancreas + liver + kidney	1	1	1	1	2	100,0%
<b>Pancreas</b>	<b>Total</b>	<b>369</b>	<b>413</b>	<b>418</b>	<b>449</b>	<b>468</b>	<b>9,9 %</b>
<b>All</b>	<b>Total patients</b>	<b>15292</b>	<b>14928</b>	<b>14560</b>	<b>14533</b>	<b>14773</b>	<b>-0,6 %</b>

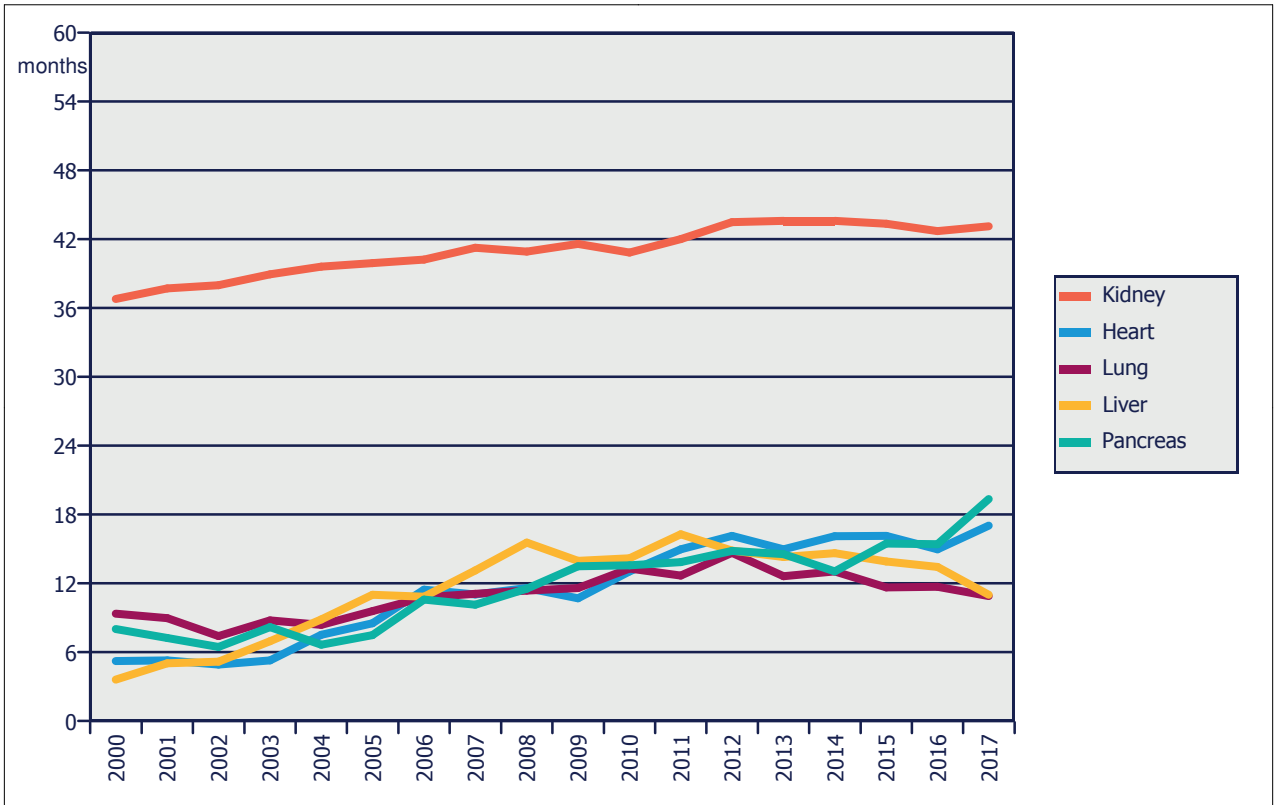
**Table 1.5(ii) Active Eurotransplant waiting lists at year end, in 2017**

Waiting list type	Composition	A	B	D	H	HR	NL	SLO	Total	%
Kidney	kidney	518	793	7620	838	193	650	51	10663	96,0 %
	kidney + heart	2	7	10	1	0	0	0	20	0,2 %
	kidney + liver	0	23	33	4	2	4	0	66	0,6 %
	kidney + liver + pancreas	0	1	1	0	0	0	0	2	0,0 %
	kidney + pancreas	8	25	260	29	11	19	2	354	3,2 %
<b>Kidney</b>	<b>Total</b>	<b>528</b>	<b>849</b>	<b>7924</b>	<b>872</b>	<b>206</b>	<b>673</b>	<b>53</b>	<b>11105</b>	<b>100,0 %</b>
Heart	heart	67	94	703	60	35	107	42	1108	97,1 %
	heart + kidney	2	7	10	1	0	0	0	20	1,8 %
	heart + lung	0	2	11	0	0	0	0	13	1,1 %
<b>Heart</b>	<b>Total</b>	<b>69</b>	<b>103</b>	<b>724</b>	<b>61</b>	<b>35</b>	<b>107</b>	<b>42</b>	<b>1141</b>	<b>100,0 %</b>
Lung	lung	105	139	377	0	0	178	0	799	97,8 %
	lung + heart	0	2	11	0	0	0	0	13	1,6 %
	lung + liver	0	2	3	0	0	0	0	5	0,6 %
<b>Lung</b>	<b>Total</b>	<b>105</b>	<b>143</b>	<b>391</b>	<b>0</b>	<b>0</b>	<b>178</b>	<b>0</b>	<b>817</b>	<b>100,0 %</b>
Liver	liver	68	171	1044	97	105	128	18	1631	95,2 %
	liver + kidney	0	23	33	4	2	4	0	66	3,9 %
	liver + lung	0	2	3	0	0	0	0	5	0,3 %
	liver + pancreas	0	4	5	0	0	1	0	10	0,6 %
	liver + pancreas + kidney	0	1	1	0	0	0	0	2	0,1 %
<b>Liver</b>	<b>Total</b>	<b>68</b>	<b>201</b>	<b>1086</b>	<b>101</b>	<b>107</b>	<b>133</b>	<b>18</b>	<b>1714</b>	<b>100,0 %</b>
Pancreas	pancreas	2	31	40	2	0	27	0	102	21,8 %
	pancreas + kidney	8	25	260	29	11	19	2	354	75,6 %
	pancreas + liver	0	4	5	0	0	1	0	10	2,1 %
	pancreas + liver + kidney	0	1	1	0	0	0	0	2	0,4 %
<b>Pancreas</b>	<b>Total</b>	<b>10</b>	<b>61</b>	<b>306</b>	<b>31</b>	<b>11</b>	<b>47</b>	<b>2</b>	<b>468</b>	<b>100,0 %</b>
<b>All</b>	<b>Total patients</b>	<b>770</b>	<b>1292</b>	<b>10107</b>	<b>1031</b>	<b>346</b>	<b>1114</b>	<b>113</b>	<b>14773</b>	

**Figure 1.3 Median age of patients on active waiting lists at year end**

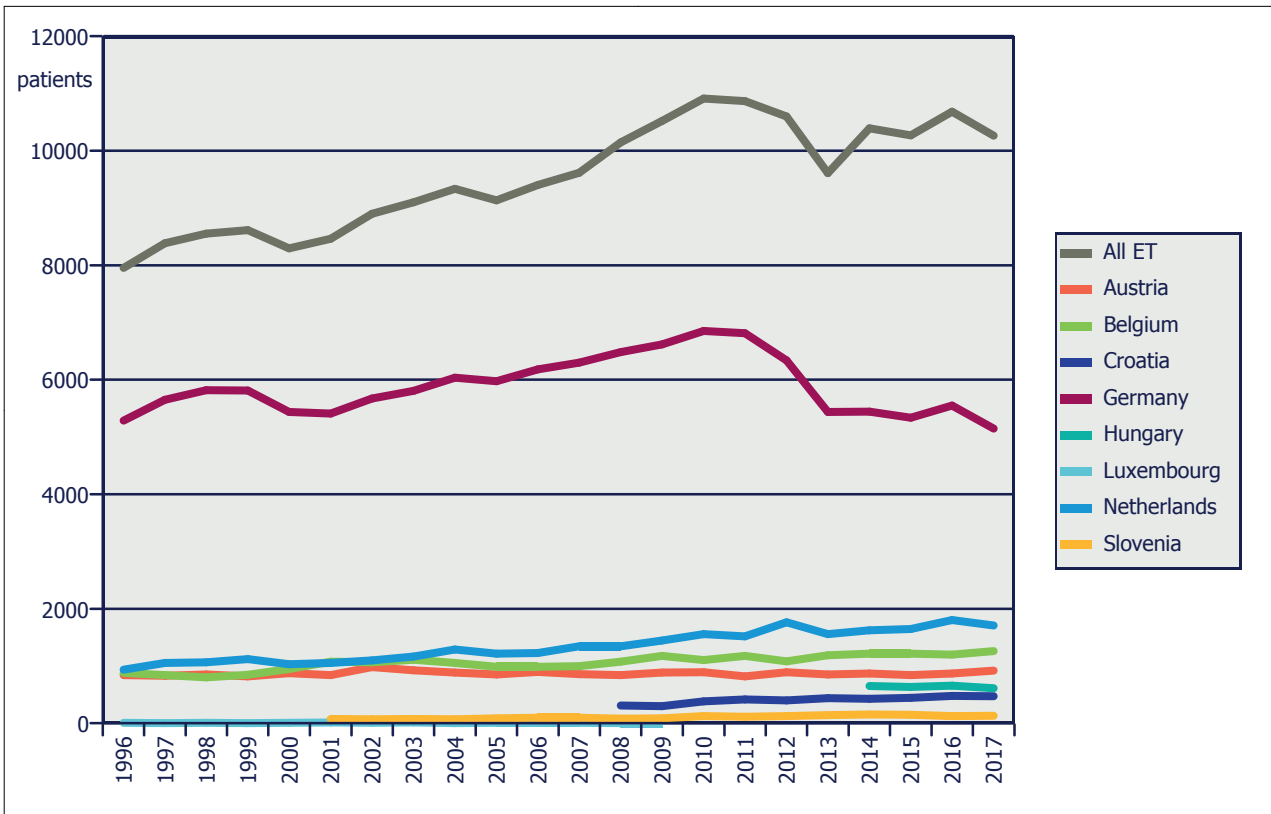


**Figure 1.4 Median waiting time for patients on active waiting lists at year end**



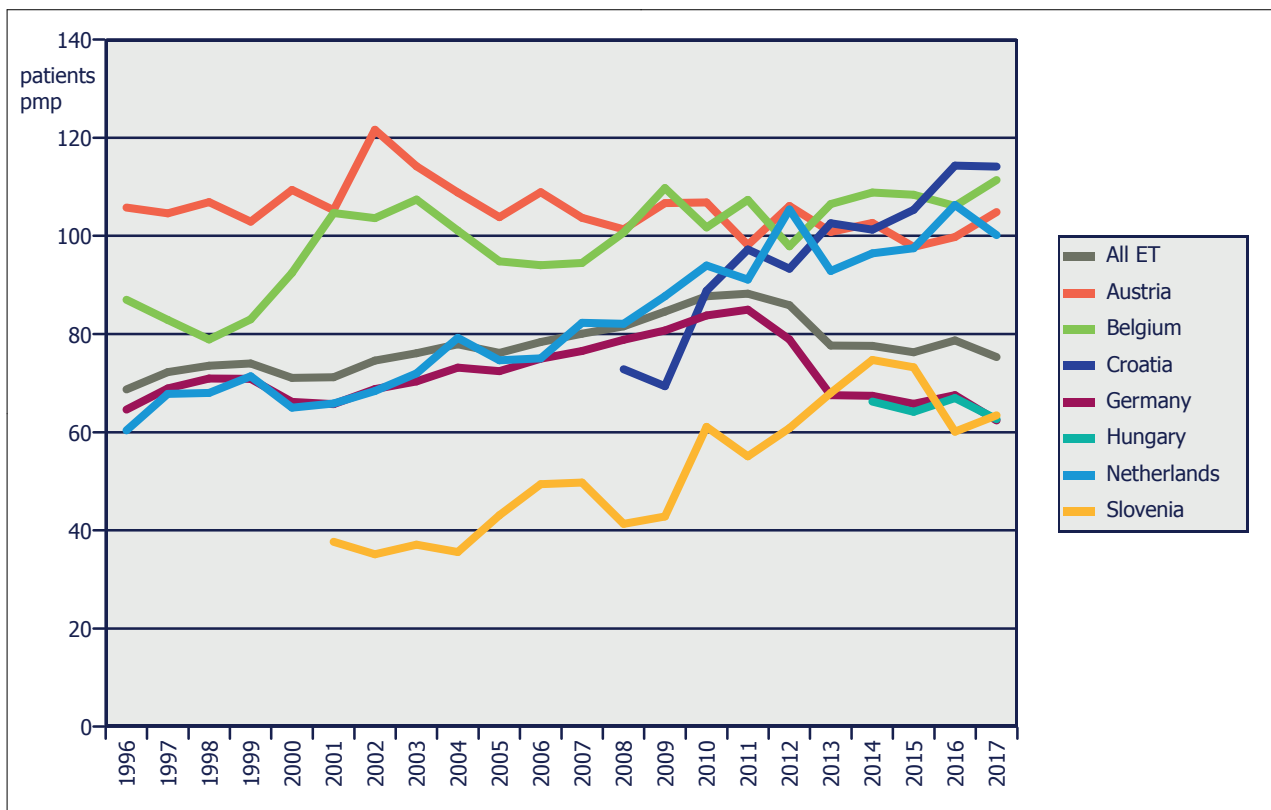
Based on time since first dialysis for kidney patients, otherwise time on waiting list

**Figure 1.5a** Number of patient registrations (any organ) in Eurotransplant, per year



Counting registrations for both living and deceased donor transplants

**Figure 1.5b** Number of patient registrations (any organ), per million population



**Table 1.6(i) Registration events on the Eurotransplant waiting lists, by organ, from 2013 to 2017**

All registration events	2013	2014	2015	2016	2017	2016/2017
Kidney	6883	6241	6094	6586	6205	-5,8 %
Heart	1053	928	952	893	861	-3,6 %
Lungs	829	811	832	885	852	-3,7 %
Liver	2603	2592	2589	2539	2548	0,4 %
Pancreas	313	316	332	341	302	-11,4 %
<b>Total events</b>	<b>11681</b>	<b>10888</b>	<b>10799</b>	<b>11244</b>	<b>10768</b>	<b>-4,2 %</b>
<b>Total patients</b>	<b>11172</b>	<b>10392</b>	<b>10267</b>	<b>10685</b>	<b>10263</b>	<b>-3,9 %</b>
New registration events	2013	2014	2015	2016	2017	2016/2017
Kidney	6066	5379	5281	5720	5391	-5,8 %
Heart	1035	917	932	878	842	-4,1 %
Lungs	791	771	786	847	809	-4,5 %
Liver	2319	2288	2283	2258	2263	0,2 %
Pancreas	265	278	299	307	270	-12,1 %
<b>Total events</b>	<b>10476</b>	<b>9633</b>	<b>9581</b>	<b>10010</b>	<b>9575</b>	<b>-4,3 %</b>
<b>Total patients</b>	<b>10105</b>	<b>9275</b>	<b>9187</b>	<b>9594</b>	<b>9203</b>	<b>-4,1 %</b>
Re-registration events	2013	2014	2015	2016	2017	2016/2017
Kidney	817	862	813	866	814	-6,0 %
Heart	18	11	20	15	19	26,7 %
Lungs	38	40	46	38	43	13,2 %
Liver	284	304	306	281	285	1,4 %
Pancreas	48	38	33	34	32	-5,9 %
<b>Total events</b>	<b>1205</b>	<b>1255</b>	<b>1218</b>	<b>1234</b>	<b>1193</b>	<b>-3,3 %</b>
<b>Total patients</b>	<b>1173</b>	<b>1227</b>	<b>1189</b>	<b>1195</b>	<b>1162</b>	<b>-2,8 %</b>

Patient registrations for multiple organs are counted for each organ separately. Re-registrations are where a patient has previously received a transplant for the same organ, new registrations are all other patient registration events. Registrations for both deceased and living donor transplants are included.

**Table 1.6(ii) Registration events on the Eurotransplant waiting lists, by organ and country, in 2017**

All registration events	A	B	D	H	HR	NL	SLO	Total	%
Kidney	453	648	3054	441	242	1301	66	6205	57,6 %
Heart	93	96	440	82	50	67	33	861	8,0 %
Lungs	167	149	422	0	0	114	0	852	7,9 %
Liver	227	408	1367	88	193	230	35	2548	23,7 %
Pancreas	26	29	181	16	12	37	1	302	2,8 %
<b>Total events</b>	<b>966</b>	<b>1330</b>	<b>5464</b>	<b>627</b>	<b>497</b>	<b>1749</b>	<b>135</b>	<b>10768</b>	<b>100,0 %</b>
<b>Total patients</b>	<b>920</b>	<b>1264</b>	<b>5149</b>	<b>614</b>	<b>474</b>	<b>1711</b>	<b>131</b>	<b>10263</b>	

**Table 1.6(ii) (continued)**

New registration events	A	B	D	H	HR	NL	SLO	Total	%
Kidney	371	559	2633	427	229	1113	59	5391	56,3 %
Heart	89	94	429	82	50	66	32	842	8,8 %
Lungs	156	140	403	0	0	110	0	809	8,4 %
Liver	199	364	1213	87	173	198	29	2263	23,6 %
Pancreas	20	20	169	16	11	33	1	270	2,8 %
<b>Total events</b>	<b>835</b>	<b>1177</b>	<b>4847</b>	<b>612</b>	<b>463</b>	<b>1520</b>	<b>121</b>	<b>9575</b>	<b>100,0 %</b>
<b>Total patients</b>	<b>807</b>	<b>1129</b>	<b>4606</b>	<b>599</b>	<b>447</b>	<b>1495</b>	<b>120</b>	<b>9203</b>	

Re-registration events	A	B	D	H	HR	NL	SLO	Total	%
Kidney	82	89	421	14	13	188	7	814	68,2 %
Heart	4	2	11	0	0	1	1	19	1,6 %
Lungs	11	9	19	0	0	4	0	43	3,6 %
Liver	28	44	154	1	20	32	6	285	23,9 %
Pancreas	6	9	12	0	1	4	0	32	2,7 %
<b>Total events</b>	<b>131</b>	<b>153</b>	<b>617</b>	<b>15</b>	<b>34</b>	<b>229</b>	<b>14</b>	<b>1193</b>	<b>100,0 %</b>
<b>Total patients</b>	<b>124</b>	<b>149</b>	<b>602</b>	<b>15</b>	<b>33</b>	<b>226</b>	<b>13</b>	<b>1162</b>	

**Table 1.7a(i) Removals from the Eurotransplant waiting lists, from 2012 to 2016**

Waiting list	Removal reason	2013	2014	2015	2016	2017	2016/2017
Kidney	Deceased	597	624	640	624	649	4,0 %
	Unfit for transplant	375	356	322	406	406	0,0 %
	Transplanted	4586	4696	4746	4615	4386	-5,0 %
	Recovered	68	43	105	92	78	-15,2 %
	Other	358	302	326	413	419	1,5 %
<b>Kidney</b>	<b>Total</b>	<b>5984</b>	<b>6021</b>	<b>6139</b>	<b>6150</b>	<b>5938</b>	<b>-3,4 %</b>
Heart	Deceased	234	216	223	174	180	3,4 %
	Unfit for transplant	51	49	34	30	29	-3,3 %
	Transplanted	587	630	601	583	547	-6,2 %
	Recovered	90	99	66	43	31	-27,9 %
	Other	75	51	49	53	34	-35,8 %
<b>Heart</b>	<b>Total</b>	<b>1037</b>	<b>1045</b>	<b>973</b>	<b>883</b>	<b>821</b>	<b>-7,0 %</b>
Lungs	Deceased	106	120	117	104	106	1,9 %
	Unfit for transplant	21	37	33	24	43	79,2 %
	Transplanted	688	681	619	657	641	-2,4 %
	Recovered	9	12	16	1	6	500,0 %
	Other	47	59	24	25	72	188,0 %
<b>Lungs</b>	<b>Total</b>	<b>871</b>	<b>909</b>	<b>809</b>	<b>811</b>	<b>868</b>	<b>7,0 %</b>



**Table 1.7a(i) continued**

Waiting list	Removal reason	2013	2014	2015	2016	2017	2016/2017
Liver	Deceased	501	471	493	506	429	-15,2 %
	Unfit for transplant	153	101	105	85	99	16,5 %
	Transplanted	1695	1757	1729	1732	1674	-3,3 %
	Recovered	292	237	134	146	160	9,6 %
	Other	212	143	157	200	304	52,0 %
<b>Liver</b>	<b>Total</b>	<b>2853</b>	<b>2709</b>	<b>2618</b>	<b>2669</b>	<b>2666</b>	<b>-0,1 %</b>
Pancreas	Deceased	29	32	29	32	32	0,0 %
	Unfit for transplant	13	16	14	17	16	-5,9 %
	Transplanted	214	212	211	192	158	-17,7 %
	Recovered	3	6	1	2	7	250,0 %
	Other	45	28	21	16	29	81,3 %
<b>Pancreas</b>	<b>Total</b>	<b>304</b>	<b>294</b>	<b>276</b>	<b>259</b>	<b>242</b>	<b>-6,6 %</b>

Reported by year of death, year of transplant, or otherwise by year of removal event. Includes patients with active or non-active urgency at removal. Includes removals while waiting for living or deceased donor transplants. Repeated patient removals are counted each time.

**Table 1.7a(ii) Removals from the Eurotransplant waiting lists, in 2016**

Waiting list	Removal reason	A	B	D	H	HR	NL	SLO	Total	%
Kidney	Deceased	44	32	417	61	12	83	0	649	10,9 %
	Unfit for transplant	20	28	223	23	8	104	0	406	6,8 %
	Transplanted	428	548	1921	297	165	979	48	4386	73,9 %
	Recovered	0	1	51	2	1	23	0	78	1,3 %
	Other	7	5	227	17	6	157	0	419	7,1 %
<b>Kidney</b>	<b>Total</b>	<b>499</b>	<b>614</b>	<b>2839</b>	<b>400</b>	<b>192</b>	<b>1346</b>	<b>48</b>	<b>5938</b>	<b>100,0 %</b>
Heart	Deceased	8	18	118	10	5	15	6	180	21,9 %
	Unfit for transplant	0	1	18	7	0	3	0	29	3,5 %
	Transplanted	64	79	257	52	33	38	24	547	66,6 %
	Recovered	1	4	21	0	0	2	3	31	3,8 %
	Other	0	2	28	0	1	3	0	34	4,1 %
<b>Heart</b>	<b>Total</b>	<b>73</b>	<b>104</b>	<b>442</b>	<b>69</b>	<b>39</b>	<b>61</b>	<b>33</b>	<b>821</b>	<b>100,0 %</b>
Lungs	Deceased	7	9	64	0	0	26	0	106	12,2 %
	Unfit for transplant	1	3	26	0	0	13	0	43	5,0 %
	Transplanted	137	121	309	0	0	74	0	641	73,8 %
	Recovered	0	2	4	0	0	0	0	6	0,7 %
	Other	1	2	66	0	0	3	0	72	8,3 %
<b>Lungs</b>	<b>Total</b>	<b>146</b>	<b>137</b>	<b>469</b>	<b>0</b>	<b>0</b>	<b>116</b>	<b>0</b>	<b>868</b>	<b>100,0 %</b>
Liver	Deceased	18	41	310	21	19	14	6	429	16,1 %
	Unfit for transplant	8	12	57	4	5	12	1	99	3,7 %
	Transplanted	161	305	823	74	119	169	23	1674	62,8 %
	Recovered	12	11	122	1	2	12	0	160	6,0 %
	Other	7	10	272	5	0	10	0	304	11,4 %
<b>Liver</b>	<b>Total</b>	<b>206</b>	<b>379</b>	<b>1584</b>	<b>105</b>	<b>145</b>	<b>217</b>	<b>30</b>	<b>2666</b>	<b>100,0 %</b>

**Table 1.7a(ii) continued**

Waiting list	Removal reason	A	B	D	H	HR	NL	SLO	Total	%
Pancreas	Deceased	1	3	23	2	1	2	0	32	13,2 %
	Unfit for transplant	2	0	11	0	1	2	0	16	6,6 %
	Transplanted	20	22	72	6	5	33	0	158	65,3 %
	Recovered	0	0	7	0	0	0	0	7	2,9 %
	Other	0	3	19	0	1	6	0	29	12,0 %
<b>Pancreas</b>	<b>Total</b>	<b>23</b>	<b>28</b>	<b>132</b>	<b>8</b>	<b>8</b>	<b>43</b>	<b>0</b>	<b>242</b>	<b>100,0 %</b>

**Table 1.7b(i) Mortality on the Eurotransplant waiting lists, by year of death, from 2013 to 2017**

Waiting list	2013	2014	2015	2016	2017	2016/2017
Kidney	597	624	640	624	649	4,0 %
Heart	234	216	223	174	180	3,4 %
Lungs	106	120	117	104	106	1,9 %
Liver	501	471	493	506	429	-15,2 %
Pancreas	29	32	29	32	32	0,0 %
<b>Total</b>	<b>1467</b>	<b>1463</b>	<b>1502</b>	<b>1440</b>	<b>1396</b>	<b>-3,1 %</b>
<b>Total patients</b>	<b>1389</b>	<b>1385</b>	<b>1433</b>	<b>1360</b>	<b>1315</b>	<b>-6,8 %</b>

**Table 1.7b(ii) Mortality on the Eurotransplant waiting lists in 2017**

Waiting list	A	B	D	H	HR	NL	SLO	Total
Kidney	44	32	417	61	12	83	0	649
Heart	8	18	118	10	5	15	6	180
Lungs	7	9	64	0	0	26	0	106
Liver	18	41	310	21	19	14	6	429
Pancreas	1	3	23	2	1	2	0	32
<b>Total</b>	<b>78</b>	<b>103</b>	<b>932</b>	<b>94</b>	<b>37</b>	<b>140</b>	<b>12</b>	<b>1396</b>
<b>Total patients</b>	<b>74</b>	<b>95</b>	<b>876</b>	<b>88</b>	<b>35</b>	<b>135</b>	<b>12</b>	<b>1315</b>

**Table 1.7c(i) Mortality on the Eurotransplant waiting lists, by urgency and year of death, from 2013 to 2017**

Waiting list	Urgency at death	2013	2014	2015	2016	2017	2016/2017
Kidney	Elective	115	102	117	105	111	5,7 %
	Non-active	482	522	523	519	538	3,7 %
<b>Kidney</b>	<b>Total</b>	<b>597</b>	<b>624</b>	<b>640</b>	<b>624</b>	<b>649</b>	<b>4,0 %</b>
Heart	High urgency	33	16	18	19	19	0,0 %
	Elective	94	83	91	67	59	-11,9 %
	Non-active	107	117	114	88	102	15,9 %
<b>Heart</b>	<b>Total</b>	<b>234</b>	<b>216</b>	<b>223</b>	<b>174</b>	<b>180</b>	<b>3,4 %</b>
Lungs	High urgency/LAS	24	18	31	20	23	15,0 %
	Elective	33	46	35	42	45	7,1 %
	Non-active	49	56	51	42	38	-9,5 %
<b>Lungs</b>	<b>Total</b>	<b>106</b>	<b>120</b>	<b>117</b>	<b>104</b>	<b>106</b>	<b>1,9 %</b>
Liver	High urgency	22	28	26	16	27	68,8 %
	Meld 30+	177	155	173	184	157	-14,7 %
	Meld 25-29	51	55	47	51	43	-15,7 %
	Meld 19-24	77	66	74	68	55	-19,1 %
	Meld 11-18	67	58	72	67	58	-13,4 %
	Meld 06-10	107	109	101	120	89	-25,8 %
	<b>Liver</b>	<b>Total</b>	<b>501</b>	<b>471</b>	<b>493</b>	<b>506</b>	<b>429</b>
Pancreas	Elective	3	8	7	7	5	-28,6 %
	Non-active	26	24	22	25	27	8,0 %
<b>Pancreas</b>	<b>Total</b>	<b>29</b>	<b>32</b>	<b>29</b>	<b>32</b>	<b>32</b>	<b>0,0 %</b>

**Table 1.7c(ii) Mortality on the Eurotransplant waiting lists, by urgency and country, in 2017**

Waiting list	Urgency at death	A	B	D	H	HR	NL	SLO	Total	%
Kidney	Elective	10	8	70	15	1	7	0	111	17,1 %
	Non-active	34	24	347	46	11	76	0	538	82,9 %
<b>Kidney</b>	<b>Total</b>	<b>44</b>	<b>32</b>	<b>417</b>	<b>61</b>	<b>12</b>	<b>83</b>	<b>0</b>	<b>649</b>	<b>100,0 %</b>
Heart	High urgency	2	1	10	0	0	5	1	19	10,6 %
	Elective	3	4	43	4	1	0	4	59	32,8 %
	Non-active	3	13	65	6	4	10	1	102	56,7 %
<b>Heart</b>	<b>Total</b>	<b>8</b>	<b>18</b>	<b>118</b>	<b>10</b>	<b>5</b>	<b>15</b>	<b>6</b>	<b>180</b>	<b>100,0 %</b>
Lungs	High urgency/LAS	1	3	13	0	0	6	0	23	21,7 %
	Elective	4	4	18	0	0	19	0	45	42,5 %
	Non-active	2	2	33	0	0	1	0	38	35,8 %
<b>Lungs</b>	<b>Total</b>	<b>7</b>	<b>9</b>	<b>64</b>	<b>0</b>	<b>0</b>	<b>26</b>	<b>0</b>	<b>106</b>	<b>100,0 %</b>

**Table 1.7c(ii) (continued)**

Waiting list	Urgency at death	A	B	D	H	HR	NL	SLO	Total	%
Liver	High urgency	1	7	12	2	2	1	2	27	6,3 %
	Meld 30+	5	16	129	1	3	3	0	157	36,6 %
	Meld 25-29	2	2	37	0	1	1	0	43	10,0 %
	Meld 19-24	1	4	38	1	4	6	1	55	12,8 %
	Meld 11-18	2	6	41	5	3	1	0	58	13,5 %
	Meld 06-10	7	6	53	12	6	2	3	89	20,7 %
<b>Liver</b>	<b>Total</b>	<b>18</b>	<b>41</b>	<b>310</b>	<b>21</b>	<b>19</b>	<b>14</b>	<b>6</b>	<b>429</b>	<b>100,0 %</b>
Pancreas	Elective	0	0	3	1	1	0	0	5	15,6 %
	Non-active	1	3	20	1	0	2	0	27	84,4 %
<b>Pancreas</b>	<b>Total</b>	<b>1</b>	<b>3</b>	<b>23</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>32</b>	<b>100,0 %</b>

## TRANSPLANTATION

Table 1.8(i) Number of transplanted organs\*\*, by donor type, from\* 2013 to 2017

### Deceased donor transplants

Transplant year	2013	2014	2015	2016	2017	2016/2017
Kidney	3200	3384	3460	3307	3126	-5,5 %
Heart	589	635	604	587	548	-6,6 %
Lung	1316	1298	1193	1271	1233	-3,0 %
Liver	1562	1646	1638	1610	1562	-3,0 %
Pancreas	229	230	259	213	167	-21,6 %
<b>Total</b>	<b>6896</b>	<b>7193</b>	<b>7154</b>	<b>6988</b>	<b>6636</b>	<b>-5,0 %</b>

### Living donor transplants

Transplant year	2013	2014	2015	2016	2017	2016/2017
Kidney	1403	1348	1323	1339	1293	-3,4%
Lung (partial)	0	0	2	0	0	0,0%
Liver (partial and domino)	133	112	91	122	112	-8,2%
<b>Total</b>	<b>1536</b>	<b>1460</b>	<b>1416</b>	<b>1461</b>	<b>1405</b>	<b>-3.8%</b>

Table 1.8(ii) Number of transplanted organs\*\*, by donor type, by country, in\* 2016

### Deceased donor transplants by transplant country

Transplant country	A	B	D	H	HR	L	NL	SLO	Non-ET	Total	%
Kidney	368	485	1383	257	155	0	431	47	0	3126	47,1 %
Heart	64	79	257	52	33	0	38	24	1	548	8,3 %
Lung	228	239	587	42	0	0	137	0	0	1233	18,6 %
Liver	158	269	760	74	118	0	160	23	0	1562	23,5 %
Pancreas	20	31	72	6	5	0	33	0	0	167	2,5 %
<b>Total</b>	<b>838</b>	<b>1103</b>	<b>3059</b>	<b>431</b>	<b>311</b>	<b>0</b>	<b>799</b>	<b>94</b>	<b>1</b>	<b>6636</b>	<b>100,0 %</b>

### Deceased donor transplants by donor country

Donor country	A	B	D	H	HR	L	NL	SLO	Non-ET	Total	%
Kidney	371	487	1346	256	168	14	423	55	6	3126	47,1 %
Heart	69	82	250	50	31	2	35	19	10	548	8,3 %
Lung	149	257	503	83	27	6	122	30	56	1233	18,6 %
Liver	160	297	672	94	123	10	163	34	9	1562	23,5 %
Pancreas	20	31	70	6	5	0	32	3	0	167	2,5 %
<b>Total</b>	<b>769</b>	<b>1154</b>	<b>2841</b>	<b>489</b>	<b>354</b>	<b>32</b>	<b>775</b>	<b>141</b>	<b>81</b>	<b>6636</b>	<b>100,0 %</b>

**Table 1.8(ii) continued**

**Living donor transplants by country**

Transplant country	A	B	D	H	HR	L	NL	SLO	Non-ET	Total	%
Kidney	69	63	557	40	11	0	551	2	0	1293	92,0 %
Liver (partial and domino)	3	36	63	0	1	0	9	0	0	112	8,0 %
<b>Total</b>	<b>72</b>	<b>99</b>	<b>620</b>	<b>40</b>	<b>12</b>	<b>0</b>	<b>560</b>	<b>2</b>	<b>0</b>	<b>1405</b>	<b>100,0 %</b>

\* based on transplant registration date

\*\* each liver split counted as one

\*\* each kidney en bloc counted as two

\*\* each double lung counted as two

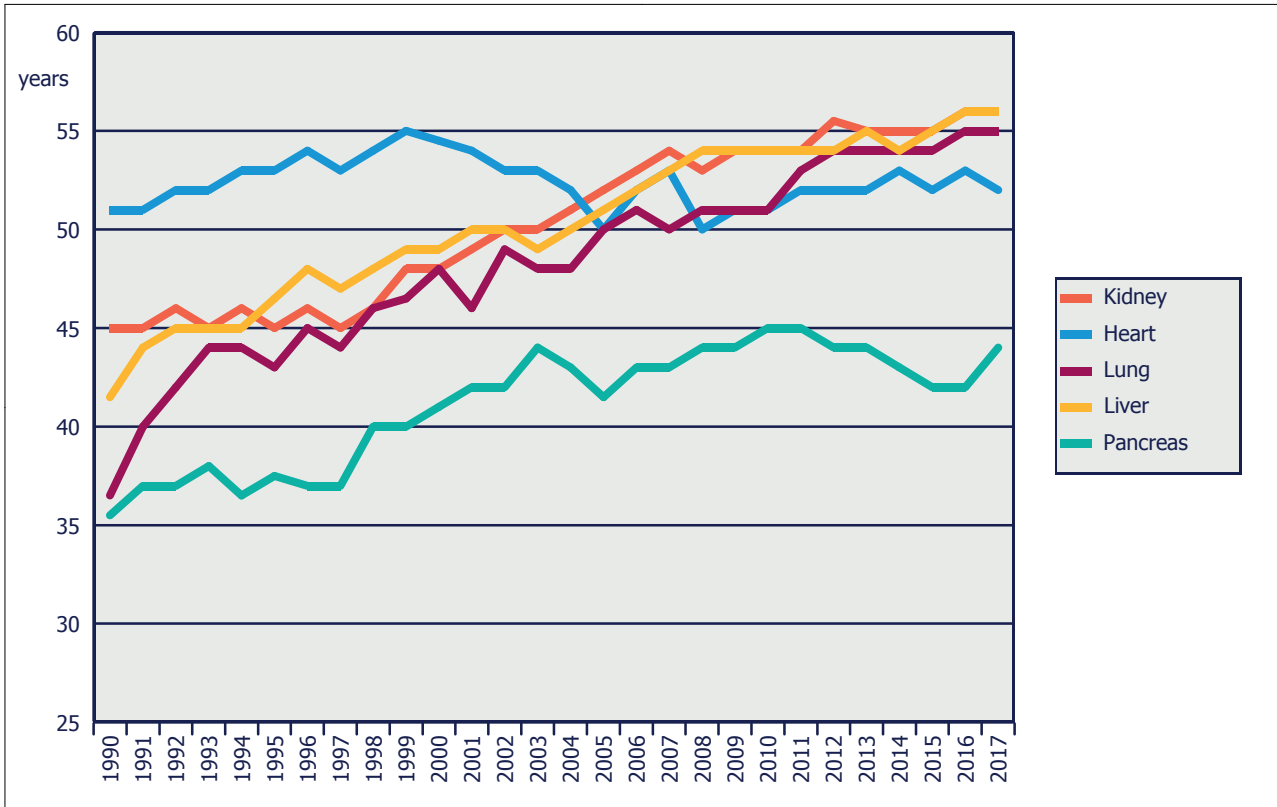
**Table 1.9(i) Transplants from 2013 to 2017**

Deceased donors	2013	2014	2015	2016	2017	2016/2017
Kidney	2951	3086	3171	3046	2876	-5,6 %
Kidney en bloc	16	36	37	28	33	17,9 %
Heart	566	617	593	573	534	-6,8 %
Single lung	60	66	49	53	49	-7,5 %
Double lung	613	605	558	596	582	-2,3 %
Liver	1420	1492	1523	1479	1413	-4,5 %
Split liver	92	106	70	80	93	16,3 %
Pancreas	28	19	13	17	8	-52,9 %
Pancreas islets	16	13	19	15	16	6,7 %
Heart + double lung	14	9	4	9	5	-44,4 %
Heart + liver	1	0	0	2	3	50,0 %
Heart + single kidney	8	9	7	3	6	100,0 %
Double lung + liver	1	2	9	3	3	0,0 %
Double lung + kidney	0	0	1	1	2	100,0 %
Liver + pancreas	5	4	4	3	4	33,3 %
Liver + pancreas + kidney	0	1	0	0	0	0,0 %
Liver + kidney	39	38	30	41	45	9,8 %
Split liver + kidney	4	3	2	2	1	-50,0 %
Pancreas + kidney	164	175	175	156	130	-16,7 %
Pancreas + kidney en bloc	1	0	0	1	0	-100,0 %
<b>Total (deceased donor) transplants</b>	<b>5999</b>	<b>6281</b>	<b>6265</b>	<b>6108</b>	<b>5803</b>	<b>-5,0 %</b>
Living donors	2013	2014	2015	2016	2017	2016/2017
Kidney	1403	1348	1323	1339	1293	-3,4 %
Lung	0	0	1	0	0	0,0 %
Liver (partial and domino)	133	112	91	122	112	-8,2 %
<b>Total (living donor) transplants</b>	<b>1536</b>	<b>1460</b>	<b>1415</b>	<b>1461</b>	<b>1405</b>	<b>-3,8 %</b>
All donors	2013	2014	2015	2016	2017	2016/2017
<b>Total transplants</b>	<b>7535</b>	<b>7741</b>	<b>7680</b>	<b>7569</b>	<b>7208</b>	<b>-0,8 %</b>

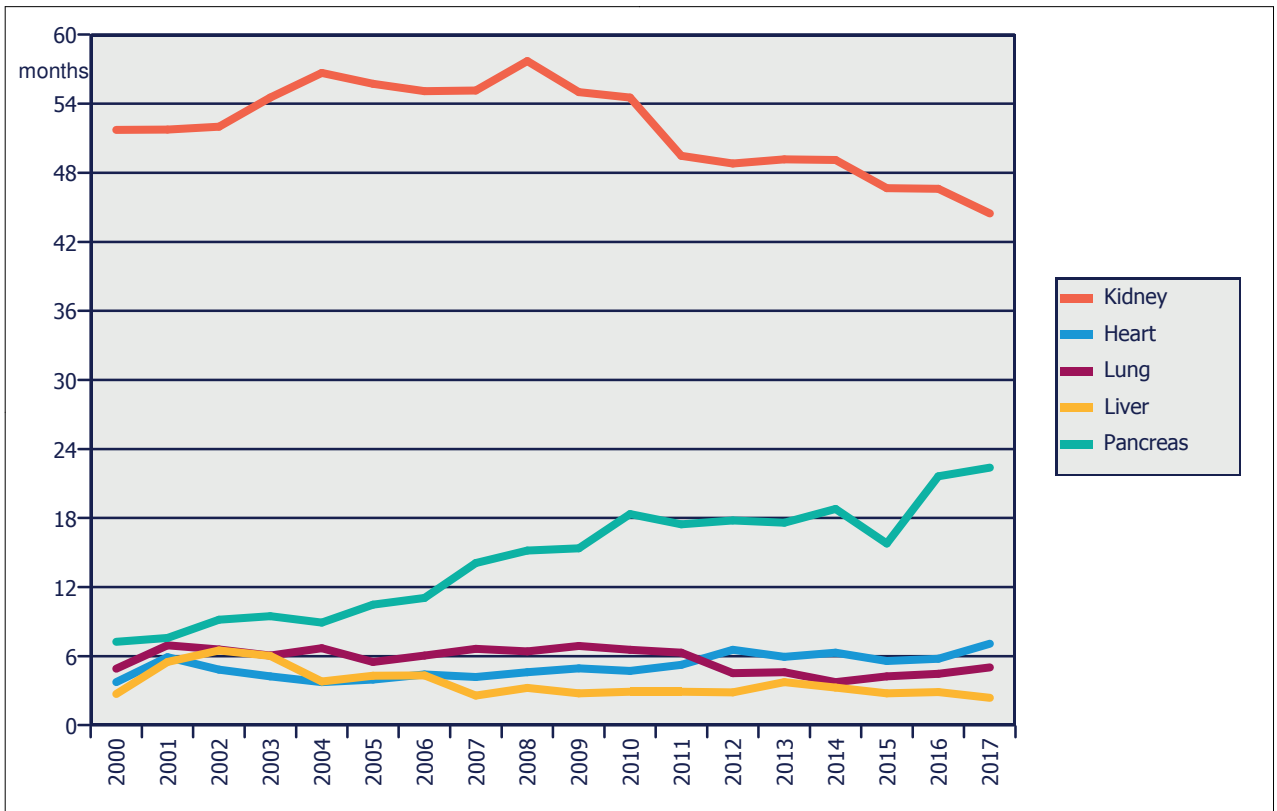
**Table 1.9(ii) Transplants in 2017, by transplant country**

Deceased donor transplants	A	B	D	H	HR	NL	SLO	Non-ET	Total	% of deceased donor transplants
Kidney	322	456	1257	248	146	402	45	0	2876	49,6 %
Kidney en bloc	9	0	19	0	1	3	1	0	33	0,6 %
Heart	62	76	248	52	33	38	24	1	534	9,2 %
Single lung	4	3	31	0	0	11	0	0	49	0,8 %
Double lung	112	114	272	21	0	63	0	0	582	10,0 %
Liver	148	239	666	71	112	154	23	0	1413	24,3 %
Split liver	4	9	73	0	2	5	0	0	93	1,6 %
Pancreas	0	3	2	0	0	3	0	0	8	0,1 %
Pancreas islets	0	8	0	0	0	8	0	0	16	0,3 %
Heart + double lung	0	0	5	0	0	0	0	0	5	0,1 %
Heart + liver	0	1	2	0	0	0	0	0	3	0,1 %
Heart + single kidney	2	2	2	0	0	0	0	0	6	0,1 %
Double lung + liver	0	2	1	0	0	0	0	0	3	0,1 %
Double lung + kidney	0	2	0	0	0	0	0	0	2	0,0 %
Liver + pancreas	0	2	1	0	1	0	0	0	4	0,1 %
Liver + kidney	6	16	16	3	3	1	0	0	45	0,8 %
Split liver + kidney	0	0	1	0	0	0	0	0	1	0,0 %
Pancreas + kidney	20	9	69	6	4	22	0	0	130	2,2 %
<b>Total (deceased donors) transplants</b>	<b>689</b>	<b>942</b>	<b>2665</b>	<b>401</b>	<b>302</b>	<b>710</b>	<b>93</b>	<b>1</b>	<b>5803</b>	<b>100,0 %</b>
Living donor transplants	A	B	D	H	HR	NL	SLO	Non-ET	Total	% of living donor transplants
Kidney	69	63	557	40	11	551	2	0	1293	92,0 %
Liver (partial and domino)	3	36	63	0	1	9	0	0	112	8,0 %
<b>Total (living donors) transplants</b>	<b>72</b>	<b>99</b>	<b>620</b>	<b>40</b>	<b>12</b>	<b>560</b>	<b>2</b>	<b>0</b>	<b>1405</b>	<b>100,0 %</b>
All donors	A	B	D	H	HR	NL	SLO	Non-ET	Total	
<b>Total transplants</b>	<b>761</b>	<b>1041</b>	<b>3285</b>	<b>441</b>	<b>314</b>	<b>1270</b>	<b>95</b>	<b>1</b>	<b>7208</b>	

**Figure 1.6 Median age of transplant recipients (deceased donor transplants)**



**Figure 1.7 Median waiting time to transplant (deceased donor transplants)**



Based on time since first dialysis for kidney patients, otherwise time on waiting list



## 2. Kidney: donation, waiting lists and transplants

### DONATION

Table 2.1(i) Deceased donors / kidneys in Eurotransplant, from 2013 to 2017

Donors	2013	2014	2015	2016	2017	2016/2017
All donors reported	2302	2299	2317	2306	2246	-2,6 %
Non-kidney donors	330	238	211	304	314	3,3 %
Kidney donors reported	1972	2061	2106	2002	1932	-3,5 %
Kidney donors not used	290	273	279	266	285	7,1 %
<i>One kidney used</i>	165	192	186	171	164	-4,1 %
<i>Two kidneys used</i>	1517	1596	1641	1565	1483	-5,2 %
Total kidney donors used	1682	1788	1827	1736	1647	-5,1 %
Kidneys	2013	2014	2015	2016	2017	2016/2017
Reported	3920	4099	4183	3982	3839	-3,6 %
Offered	3769	4050	4148	3960	3823	-3,5 %
Accepted	3478	3759	3910	3672	3600	-2,0 %
Transplanted	3199	3384	3468	3301	3130	-5,2 %

Table 2.1(ii) Deceased donors / kidneys in Eurotransplant in 2017

Donors	A	B	D	H	HR	L	NL	SLO	Total ET	Non-ET	Total	% all donors
All donors reported	224	380	821	165	142	10	322	44	2108	138	2246	100,0 %
Non-kidney donors	5	71	58	5	15	1	28	0	183	131	314	14,0 %
Kidney donors reported	219	309	763	160	127	9	294	44	1925	7	1932	86,0 %
Kidney donors not used	27	49	63	22	35	2	67	16	281	4	285	12,7 %
<i>One kidney used</i>	15	33	53	18	16	0	28	1	164	0	164	7,3 %
<i>Two kidneys used</i>	177	227	647	120	76	7	199	27	1480	3	1483	66,0 %
Total kidney donors used	192	260	700	138	92	7	227	28	1644	3	1647	73,3 %
Kidneys	A	B	D	H	HR	L	NL	SLO	Total ET	Non-ET	Total	% reported
Reported	438	613	1517	319	245	18	587	88	3825	14	3839	100,0 %
Offered	436	605	1516	319	245	18	584	88	3811	12	3823	99,6 %
Accepted	419	565	1465	304	205	16	555	65	3594	6	3600	93,8 %
Transplanted	369	487	1347	258	168	14	426	55	3124	6	3130	81,5 %

## WAITING LIST

Figure 2.1 Kidney waiting list, number of patients at year end, by urgency

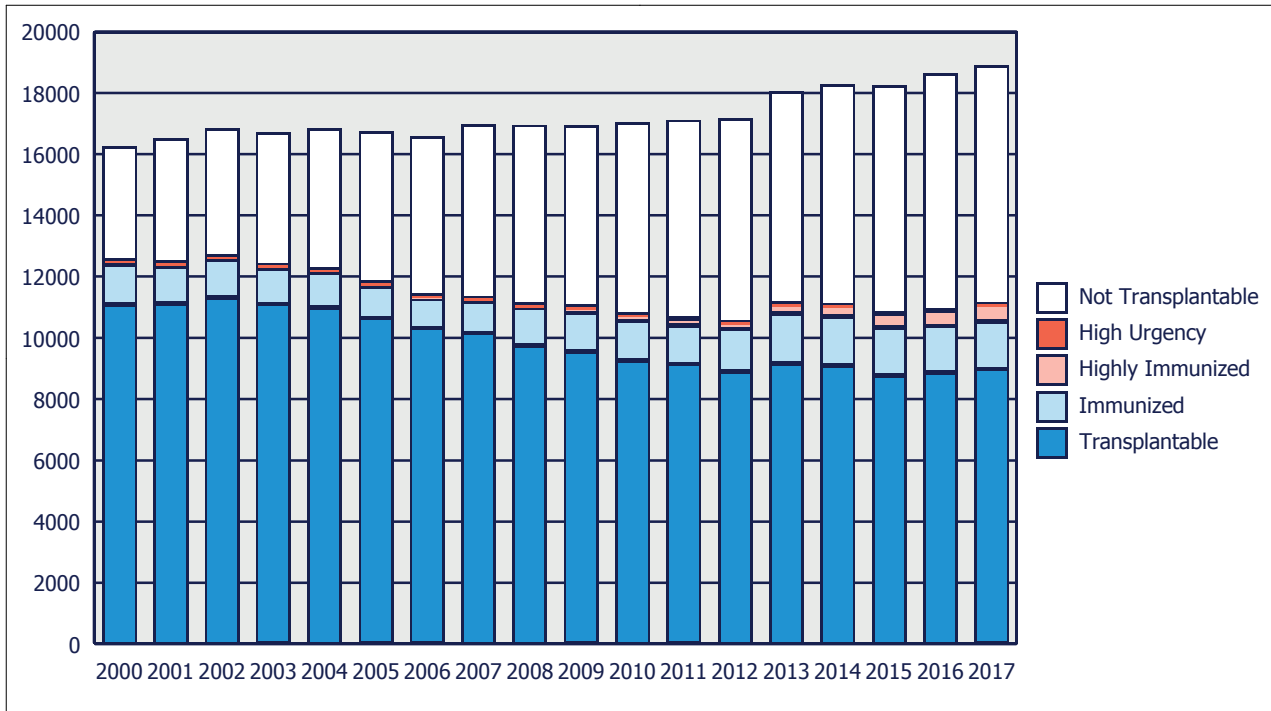
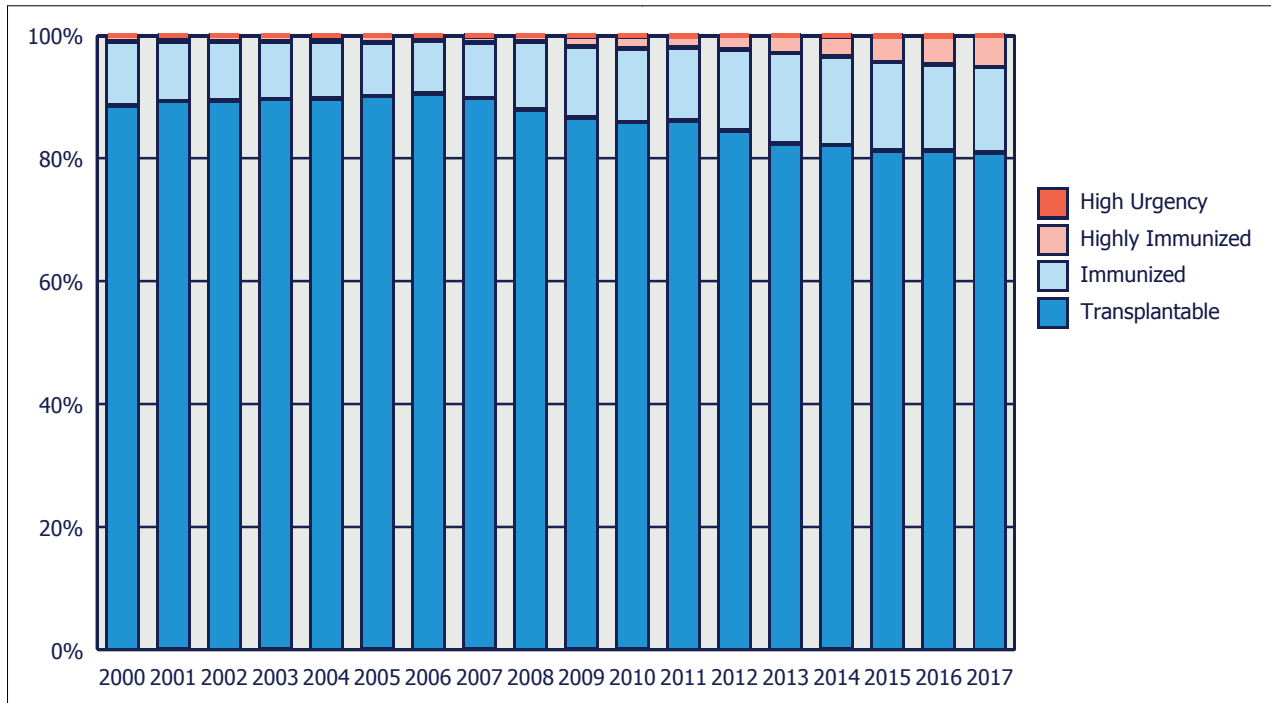


Figure 2.2 Kidney waiting list, percentage of patients at year end, by urgency



**Table 2.2(i) Active kidney transplant waiting list at year end, from 2013 to 2017**

Type of transplant	2013	2014	2015	2016	2017	2016/2017
Kidney	10757	10689	10400	10476	10663	1,8 %
Kidney + heart	17	12	14	19	20	5,3 %
Kidney + lung	1	1	0	1	0	-100,0 %
Kidney + liver	57	55	62	57	66	15,8 %
Kidney + liver + pancreas	1	1	1	1	2	100,0 %
Kidney + pancreas	287	322	320	347	354	2,0 %
<b>Total</b>	<b>11120</b>	<b>11080</b>	<b>10797</b>	<b>10901</b>	<b>11105</b>	<b>1,9 %</b>

**Table 2.2(ii) Active kidney transplant waiting list at year end, in 2017**

Type of transplant	A	B	D	H	HR	NL	SLO	Total	%
Kidney	518	793	7620	838	193	650	51	10663	96,0 %
Kidney + heart	2	7	10	1	0	0	0	20	0,2 %
Kidney + liver	0	23	33	4	2	4	0	66	0,6 %
Kidney + liver + pancreas	0	1	1	0	0	0	0	2	0,0 %
Kidney + pancreas	8	25	260	29	11	19	2	354	3,2 %
<b>Total</b>	<b>528</b>	<b>849</b>	<b>7924</b>	<b>872</b>	<b>206</b>	<b>673</b>	<b>53</b>	<b>11105</b>	<b>100.0 %</b>

**Table 2.3(i) Active kidney-only transplant waiting list at year end, from 2013 to 2017 - characteristics**

Blood group	2013	2014	2015	2016	2017	2016/2017
A	3838	3734	3614	3551	3520	-0,9 %
AB	272	336	344	370	436	17,8 %
B	1523	1553	1598	1664	1701	2,2 %
O	5124	5066	4844	4891	5006	2,4 %
<b>Total</b>	<b>10757</b>	<b>10689</b>	<b>10400</b>	<b>10476</b>	<b>10663</b>	<b>1,8 %</b>

% PRA current	2013	2014	2015	2016	2017	2016/2017
0-5 %	8792	8762	8424	8478	8601	1,5 %
6-84 %	1599	1547	1517	1482	1499	1,1 %
85-100 %	299	369	449	502	559	11,4 %
Not reported	67	11	10	14	4	-71,4 %
<b>Total</b>	<b>10757</b>	<b>10689</b>	<b>10400</b>	<b>10476</b>	<b>10663</b>	<b>1,8 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	8828	8708	8500	8618	8764	1,7 %
Repeat	1929	1981	1900	1858	1899	2,2 %
<b>Total</b>	<b>10757</b>	<b>10689</b>	<b>10400</b>	<b>10476</b>	<b>10663</b>	<b>1,8 %</b>

**Table 2.3(i) (continued)**

Waiting time (years) based on date start of dialysis	2013	2014	2015	2016	2017	2016/2017
Pre-emptive	515	576	660	761	804	5,7 %
0-1	2221	2205	2082	2189	2099	-4,1 %
2-4	4521	4308	4105	4024	4153	3,2 %
5+	3500	3600	3553	3502	3607	3,0 %
<b>Total</b>	<b>10757</b>	<b>10689</b>	<b>10400</b>	<b>10476</b>	<b>10663</b>	<b>1,8 %</b>

Waiting time (years) based on date put on WL	2013	2014	2015	2016	2017	2016/2017
0-1	5064	4982	4620	4783	4818	0,7 %
2-4	3674	3667	3674	3533	3596	1,8 %
5+	2019	2040	2106	2160	2249	4,1 %
<b>Total</b>	<b>10757</b>	<b>10689</b>	<b>10400</b>	<b>10476</b>	<b>10663</b>	<b>1,8 %</b>

Age	2013	2014	2015	2016	2017	2016/2017
0-15	83	107	96	121	114	-5,8 %
16-55	6462	6333	6215	6260	6313	0,8 %
56-64	2978	2936	2805	2800	2911	4,0 %
65+	1234	1313	1284	1295	1325	2,3 %
<b>Total</b>	<b>10757</b>	<b>10689</b>	<b>10400</b>	<b>10476</b>	<b>10663</b>	<b>1,8 %</b>

**Table 2.3(ii) Active kidney-only transplant waiting list at year end, in 2017 - characteristics**

Blood group	A	B	D	H	HR	NL	SLO	Total	%
A	144	199	2671	295	62	137	12	3520	33,0 %
AB	10	22	326	44	10	23	1	436	4,1 %
B	100	143	1100	180	34	132	12	1701	16,0 %
O	264	429	3523	319	87	358	26	5006	46,9 %
<b>Total</b>	<b>518</b>	<b>793</b>	<b>7620</b>	<b>838</b>	<b>193</b>	<b>650</b>	<b>51</b>	<b>10663</b>	<b>100,0 %</b>

% PRA current	A	B	D	H	HR	NL	SLO	Total	%
0-5 %	448	541	6140	740	153	531	48	8601	80,7 %
6-84 %	49	125	1089	94	38	101	3	1499	14,1 %
85-100 %	20	126	389	4	2	18	0	559	5,2 %
Not reported	1	1	2	0	0	0	0	4	0,0 %
<b>Total</b>	<b>518</b>	<b>793</b>	<b>7620</b>	<b>838</b>	<b>193</b>	<b>650</b>	<b>51</b>	<b>10663</b>	<b>100,0 %</b>

Sequence	A	B	D	H	HR	NL	SLO	Total	%
First	374	621	6258	817	172	479	43	8764	82,2 %
Repeat	144	172	1362	21	21	171	8	1899	17,8 %
<b>Total</b>	<b>518</b>	<b>793</b>	<b>7620</b>	<b>838</b>	<b>193</b>	<b>650</b>	<b>51</b>	<b>10663</b>	<b>100,0 %</b>

Waiting time (years) based on date start of dialysis	A	B	D	H	HR	NL	SLO	Total	%
Pre-emptive	27	121	246	241	26	134	9	804	7,5 %
0-1	211	296	1019	230	81	244	18	2099	19,7 %
2-4	245	272	3015	312	70	217	22	4153	38,9 %
5+	35	104	3340	55	16	55	2	3607	33,8 %
<b>Total</b>	<b>518</b>	<b>793</b>	<b>7620</b>	<b>838</b>	<b>193</b>	<b>650</b>	<b>51</b>	<b>10663</b>	<b>100,0 %</b>

Waiting time (years) based on date put on WL	A	B	D	H	HR	NL	SLO	Total	%
0-1	360	509	2895	486	156	375	37	4818	45,2 %
2-4	135	204	2658	351	27	208	13	3596	33,7 %
5+	23	80	2067	1	10	67	1	2249	21,1 %
<b>Total</b>	<b>518</b>	<b>793</b>	<b>7620</b>	<b>838</b>	<b>193</b>	<b>650</b>	<b>51</b>	<b>10663</b>	<b>100,0 %</b>

Age	A	B	D	H	HR	NL	SLO	Total	%
0-15	4	10	84	5	2	9	0	114	1,1 %
16-55	295	464	4596	510	111	305	32	6313	59,2 %
56-64	156	213	2064	225	58	188	7	2911	27,3 %
65+	63	106	876	98	22	148	12	1325	12,4 %
<b>Total</b>	<b>518</b>	<b>793</b>	<b>7620</b>	<b>838</b>	<b>193</b>	<b>650</b>	<b>51</b>	<b>10663</b>	<b>100,0 %</b>

## TRANSPLANTATION

Figure 2.3 Number of deceased donor kidney transplants, by recipient urgency at transplant

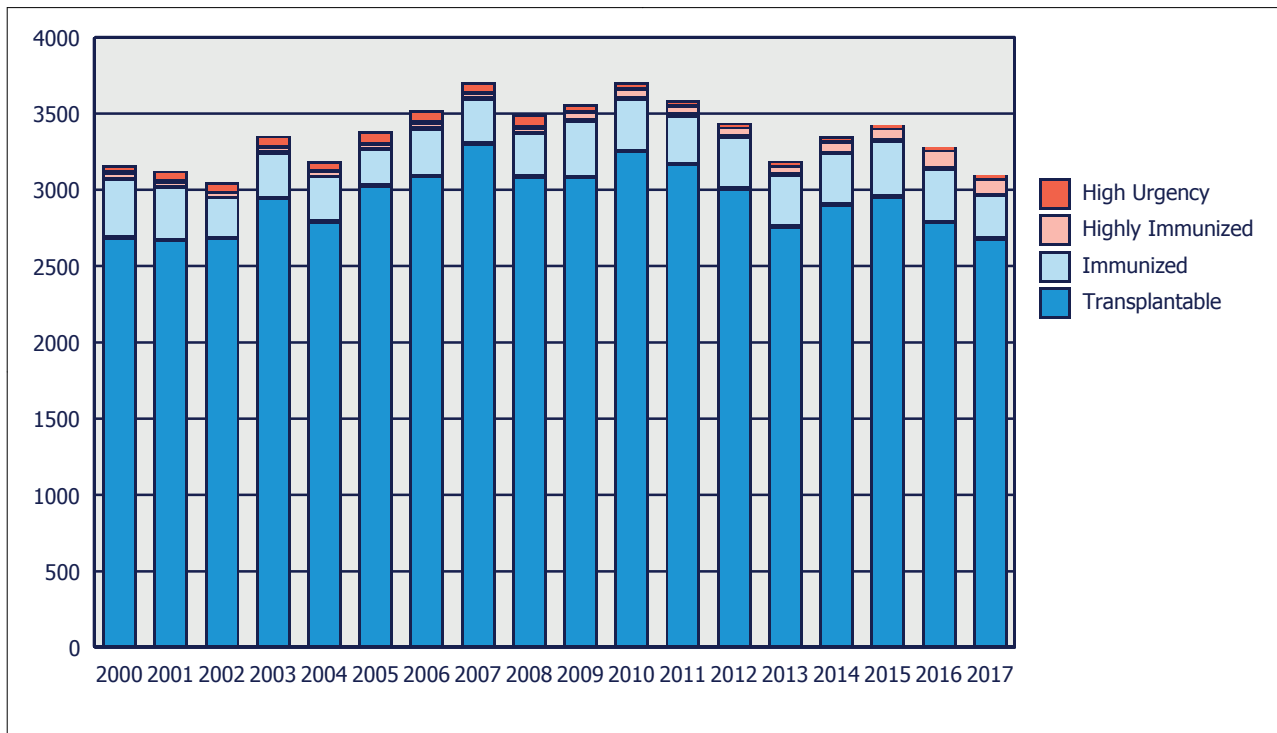
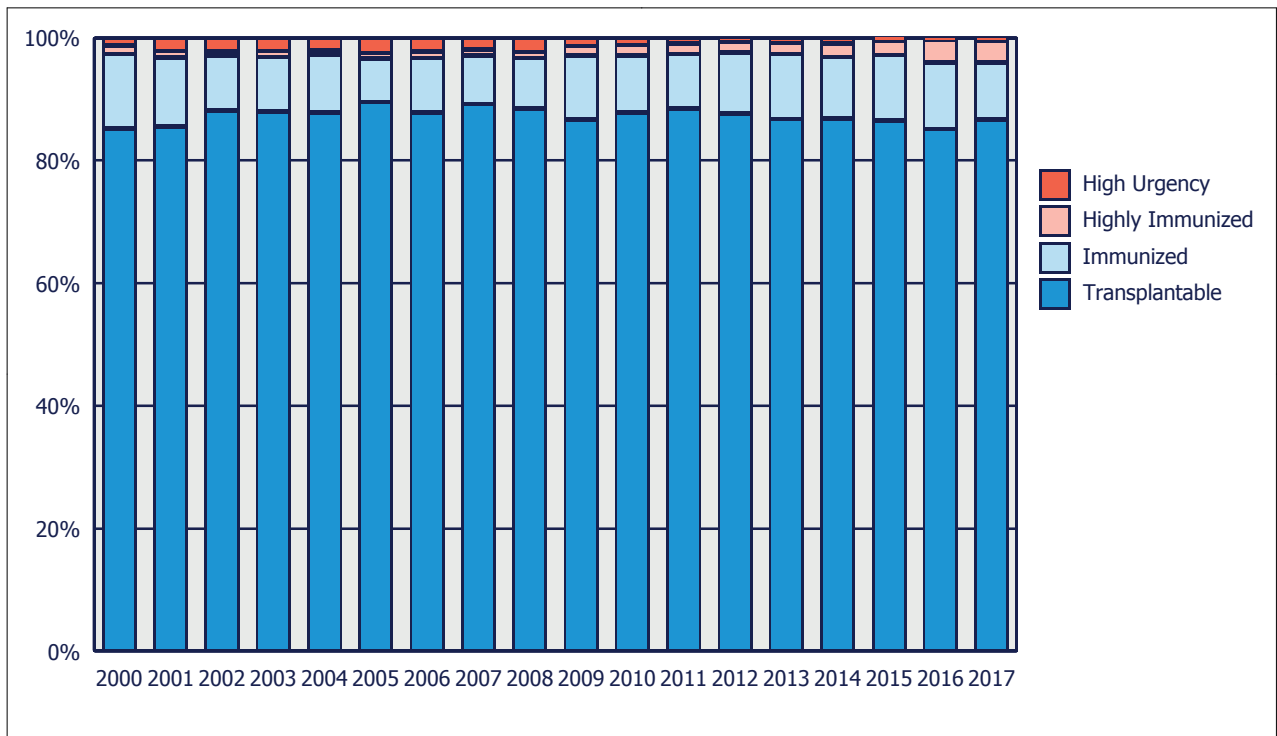


Figure 2.4 Percentage of deceased donor kidney transplants, by recipient urgency at transplant



**Table 2.4a(i) Kidney transplants (deceased donor) from 2013 to 2017**

Type of transplant	2013	2014	2015	2016	2017	2016/2017
Kidney-only	2951	3086	3171	3046	2876	-5,6 %
Kidney en bloc	16	36	37	28	33	17,9 %
Kidney + heart	8	9	7	3	6	100,0 %
Kidney + double lungs	0	0	1	1	2	100,0 %
Kidney + split liver	4	3	2	2	1	-50,0 %
Kidney + whole liver	39	38	30	41	45	9,8 %
Kidney + whole liver + pancreas	0	1	0	0	0	0,0 %
Kidney + pancreas	164	175	175	156	130	-16,7 %
Kidney en bloc + pancreas	1	0	0	1	0	-100,0 %
<b>Total</b>	<b>3183</b>	<b>3348</b>	<b>3423</b>	<b>3278</b>	<b>3093</b>	<b>-5,6 %</b>

**Table 2.4a(ii) Kidney transplants (deceased donor) in 2017**

Type of transplant	A	B	D	H	HR	NL	SLO	Total	%
Kidney only	322	456	1257	248	146	402	45	2876	93,0 %
Kidney en bloc	9	0	19	0	1	3	1	33	1,1 %
Kidney + heart	2	2	2	0	0	0	0	6	0,2 %
Kidney + both lungs	0	2	0	0	0	0	0	2	0,1 %
Kidney + split liver	0	0	1	0	0	0	0	1	0,0 %
Kidney + whole liver	6	16	16	3	3	1	0	45	1,5 %
Kidney + pancreas	20	9	69	6	4	22	0	130	4,2 %
<b>Total</b>	<b>359</b>	<b>485</b>	<b>1364</b>	<b>257</b>	<b>154</b>	<b>428</b>	<b>46</b>	<b>3093</b>	<b>100,0 %</b>

**Table 2.4b(i) Kidney-only transplants (including kidney en bloc) - all allocation programs**

HLA - A, B, DR mismatches	2013	2014	2015	2016	2017	2016/2017
0	317	363	322	302	289	-4,3 %
1	210	187	204	201	174	-13,4 %
2	709	644	668	668	599	-10,3 %
3	916	988	1040	1000	955	-4,5 %
4	536	580	608	548	534	-2,6 %
5	210	272	269	260	270	3,8 %
6	69	88	91	92	86	-6,5 %
not calculated	0	0	6	3	2	-33,3 %
<b>Total</b>	<b>2967</b>	<b>3122</b>	<b>3208</b>	<b>3074</b>	<b>2909</b>	<b>-5,4 %</b>
Blood group	2013	2014	2015	2016	2017	2016/2017
A	1198	1390	1407	1365	1312	-3,9 %
AB	166	131	175	142	154	8,5 %
B	348	371	377	368	332	-9,8 %
O	1255	1230	1249	1199	1111	-7,3 %
<b>Total</b>	<b>2967</b>	<b>3122</b>	<b>3208</b>	<b>3074</b>	<b>2909</b>	<b>-5,4 %</b>
PRA	2013	2014	2015	2016	2017	2016/2017
0-5%	2560	2715	2759	2602	2518	-3,2 %
6-84%	344	330	358	350	281	-19,7 %
85-100%	63	77	91	122	110	-9,8 %
<b>Total</b>	<b>2967</b>	<b>3122</b>	<b>3208</b>	<b>3074</b>	<b>2909</b>	<b>-5,4 %</b>
Waiting time (months) based on date start of dialysis	2013	2014	2015	2016	2017	2016/2017
Pre-emptive	71	97	100	133	129	-3,0 %
0-5	44	51	59	47	55	17,0 %
6-11	133	132	144	137	129	-5,8 %
12-23	416	421	479	436	461	5,7 %
24-59	1161	1241	1232	1188	1117	-6,0 %
60 +	1142	1180	1194	1133	1018	-10,2 %
<b>Total</b>	<b>2967</b>	<b>3122</b>	<b>3208</b>	<b>3074</b>	<b>2909</b>	<b>-5,4 %</b>
Sequence	2013	2014	2015	2016	2017	2016/2017
First	2547	2707	2767	2614	2542	-2,8 %
Repeat	420	415	441	460	367	-20,2 %
<b>Total</b>	<b>2967</b>	<b>3122</b>	<b>3208</b>	<b>3074</b>	<b>2909</b>	<b>-5,4 %</b>
Recipient age	2013	2014	2015	2016	2017	2016/2017
0-15	69	85	98	71	79	11,3 %
16-55	1395	1437	1462	1380	1260	-8,7 %
56-64	712	778	808	792	752	-5,1 %
65+	791	822	840	831	818	-1,6 %
<b>Total</b>	<b>2967</b>	<b>3122</b>	<b>3208</b>	<b>3074</b>	<b>2909</b>	<b>-5,4 %</b>



**Table 2.4b(i) (continued)**

Allocation program (all donors)	2013	2014	2015	2016	2017	2016/2017
ETKAS	2140	2265	2270	2128	1955	-8,1 %
ESP	515	499	496	468	482	3,0 %
AM	92	84	99	134	112	-16,4 %
Rescue	220	274	343	344	360	4,7 %
<b>Total</b>	<b>2967</b>	<b>3122</b>	<b>3208</b>	<b>3074</b>	<b>2909</b>	<b>-5,4 %</b>

Allocation program (donors 65+)	2013	2014	2015	2016	2017	2016/2017
ETKAS	49	69	107	111	102	-8,1 %
ESP	515	499	496	468	482	3,0 %
AM	0	1	3	8	6	-25,0 %
Rescue	69	90	130	119	108	-9,2 %
<b>Total</b>	<b>633</b>	<b>659</b>	<b>736</b>	<b>706</b>	<b>698</b>	<b>-1,1 %</b>

**Table 2.4b(ii) Kidney-only transplants (including kidney en bloc) in 2017 - all allocation programs**

HLA - A, B, DR mismatches	A	B	D	H	HR	NL	SLO	Non-ET	Total	%
0	24	14	196	10	5	36	4	0	289	9,9 %
1	21	38	62	12	6	33	2	0	174	6,0 %
2	56	136	218	65	32	83	9	0	599	20,6 %
3	113	198	343	94	63	119	25	0	955	32,8 %
4	76	58	237	51	28	79	5	0	534	18,4 %
5	30	6	165	11	12	45	1	0	270	9,3 %
6	9	6	55	5	1	10	0	0	86	3,0 %
Not calculated	2	0	0	0	0	0	0	0	2	0,1 %
<b>Total</b>	<b>331</b>	<b>456</b>	<b>1276</b>	<b>248</b>	<b>147</b>	<b>405</b>	<b>46</b>	<b>0</b>	<b>2909</b>	<b>100,0 %</b>

Blood group	A	B	D	H	HR	NL	SLO	Non-ET	Total	%
A	140	199	595	116	59	181	22	0	1312	45,1 %
AB	25	10	61	25	13	17	3	0	154	5,3 %
B	38	35	139	49	27	35	9	0	332	11,4 %
0	128	212	481	58	48	172	12	0	1111	38,2 %
<b>Total</b>	<b>331</b>	<b>456</b>	<b>1276</b>	<b>248</b>	<b>147</b>	<b>405</b>	<b>46</b>	<b>0</b>	<b>2909</b>	<b>100,0 %</b>

PRA	A	B	D	H	HR	NL	SLO	Non-ET	Total	%
0-5%	294	381	1074	229	134	369	37	0	2518	86,6 %
6-84%	29	49	134	17	13	31	8	0	281	9,7 %
85-100%	8	26	68	2	0	5	1	0	110	3,8 %
<b>Total</b>	<b>331</b>	<b>456</b>	<b>1276</b>	<b>248</b>	<b>147</b>	<b>405</b>	<b>46</b>	<b>0</b>	<b>2909</b>	<b>100,0 %</b>

Table 2.4b(ii) (continued)

Waiting time (months) based on date start of dialysis	A	B	D	H	HR	NL	SLO	Non-ET	Total	%
Pre-emptive	7	44	18	19	8	33	0	0	129	4,4 %
0-5	3	14	15	1	4	14	4	0	55	1,9 %
6-11	19	28	26	13	14	23	6	0	129	4,4 %
12-23	70	105	90	33	40	109	14	0	461	15,8 %
24-59	182	207	349	133	64	167	15	0	1117	38,4 %
60 +	50	58	778	49	17	59	7	0	1018	35,0 %
<b>Total</b>	<b>331</b>	<b>456</b>	<b>1276</b>	<b>248</b>	<b>147</b>	<b>405</b>	<b>46</b>	<b>0</b>	<b>2909</b>	<b>100,0 %</b>

Sequence	A	B	D	H	HR	NL	SLO	Non-ET	Total	%
First	268	399	1110	242	141	339	43	0	2542	87,4 %
Repeat	63	57	166	6	6	66	3	0	367	12,6 %
<b>Total</b>	<b>331</b>	<b>456</b>	<b>1276</b>	<b>248</b>	<b>147</b>	<b>405</b>	<b>46</b>	<b>0</b>	<b>2909</b>	<b>100,0 %</b>

Recipient age	A	B	D	H	HR	NL	SLO	Non-ET	Total	%
0-15	9	11	44	6	2	6	1	0	79	2,7 %
16-55	166	202	542	124	65	138	23	0	1260	43,3 %
56-64	73	139	307	69	46	100	18	0	752	25,9 %
65+	83	104	383	49	34	161	4	0	818	28,1 %
<b>Total</b>	<b>331</b>	<b>456</b>	<b>1276</b>	<b>248</b>	<b>147</b>	<b>405</b>	<b>46</b>	<b>0</b>	<b>2909</b>	<b>100,0 %</b>

Allocation program (all donors)	A	B	D	H	HR	NL	SLO	Non-ET	Total	%
ETKAS	249	409	646	215	132	265	39	0	1955	67,2 %
ESP	46	26	290	27	10	83	0	0	482	16,6 %
AM	11	10	76	0	0	14	1	0	112	3,9 %
Rescue	25	11	264	6	5	43	6	0	360	12,4 %
<b>Total</b>	<b>331</b>	<b>456</b>	<b>1276</b>	<b>248</b>	<b>147</b>	<b>405</b>	<b>46</b>	<b>0</b>	<b>2909</b>	<b>100,0 %</b>

Allocation program (donors 65+)	A	B	D	H	HR	NL	SLO	Non-ET	Total	%
ETKAS	37	4	44	8	3	6	0	0	102	14,6 %
ESP	46	26	290	27	10	83	0	0	482	69,1 %
AM	2	0	4	0	0	0	0	0	6	0,9 %
Rescue	11	0	83	0	0	11	3	0	108	15,5 %
<b>Total</b>	<b>96</b>	<b>30</b>	<b>421</b>	<b>35</b>	<b>13</b>	<b>100</b>	<b>3</b>	<b>0</b>	<b>698</b>	<b>100,0 %</b>

Table 2.4c(i) Kidney-only transplants (including kidney en bloc) in 2017 - ETKAS allocation program

HLA - A, B, DR mismatches	2013	2014	2015	2016	2017	2016/2017
0	287	350	307	276	278	0,7 %
1	169	145	159	154	131	-14,9 %
2	584	554	567	559	484	-13,4 %
3	742	805	818	798	715	-10,4 %
4	301	345	357	282	297	5,3 %
5	53	57	54	53	43	-18,9 %
6	4	9	8	6	7	16,7 %
<b>Total</b>	<b>2140</b>	<b>2265</b>	<b>2270</b>	<b>2128</b>	<b>1955</b>	<b>-8,1 %</b>

**Table 2.4c(i) (continued)**

Blood group	2013	2014	2015	2016	2017	2016/2017
A	851	994	1026	920	900	-2,2 %
AB	137	101	141	112	114	1,8 %
B	256	274	260	284	232	-18,3 %
O	896	896	843	812	709	-12,7 %
<b>Total</b>	<b>2140</b>	<b>2265</b>	<b>2270</b>	<b>2128</b>	<b>1955</b>	<b>-8,1 %</b>

PRA	2013	2014	2015	2016	2017	2016/2017
0-5%	1864	1976	1958	1811	1710	-5,6 %
6-84%	249	247	265	262	191	-27,1 %
85-100%	27	42	47	55	54	-1,8 %
<b>Total</b>	<b>2140</b>	<b>2265</b>	<b>2270</b>	<b>2128</b>	<b>1955</b>	<b>-8,1 %</b>

Waiting time (months) based on date start of dialysis	2013	2014	2015	2016	2017	2016/2017
Pre-emptive	57	72	83	94	103	9,6 %
0-5	37	42	51	40	35	-12,5 %
6-11	100	96	114	107	97	-9,3 %
12-23	269	301	356	300	315	5,0 %
24-59	762	832	769	782	725	-7,3 %
60 +	915	922	897	805	680	-15,5 %
<b>Total</b>	<b>2140</b>	<b>2265</b>	<b>2270</b>	<b>2128</b>	<b>1955</b>	<b>-8,1 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	1835	1961	1968	1837	1722	-6,3 %
Repeat	305	304	302	291	233	-19,9 %
<b>Total</b>	<b>2140</b>	<b>2265</b>	<b>2270</b>	<b>2128</b>	<b>1955</b>	<b>-8,1 %</b>

Recipient age	2013	2014	2015	2016	2017	2016/2017
0-15	66	77	97	67	78	16,4 %
16-55	1267	1298	1264	1165	1030	-11,6 %
56-64	621	643	669	633	597	-5,7 %
65+	186	247	240	263	250	-4,9 %
<b>Total</b>	<b>2140</b>	<b>2265</b>	<b>2270</b>	<b>2128</b>	<b>1955</b>	<b>-8,1 %</b>

**Table 2.4c(ii) Kidney-only transplants (including kidney en bloc) in 2017 - ETKAS allocation program**

HLA - A, B, DR mismatches	A	B	D	H	HR	NL	SLO	Total	%
0	24	14	188	10	5	33	4	278	14,2 %
1	16	35	34	12	6	27	1	131	6,7 %
2	51	129	135	60	30	70	9	484	24,8 %
3	95	183	179	90	58	87	23	715	36,6 %
4	54	47	87	42	22	43	2	297	15,2 %
5	8	0	20	1	10	4	0	43	2,2 %
6	1	1	3	0	1	1	0	7	0,4 %
<b>Total</b>	<b>249</b>	<b>409</b>	<b>646</b>	<b>215</b>	<b>132</b>	<b>265</b>	<b>39</b>	<b>1955</b>	<b>100,0 %</b>

**Table 2.4c(ii) (continued)**

Blood group	A	B	D	H	HR	NL	SLO	Total	%
A	110	177	313	105	54	124	17	900	46,0 %
AB	23	10	28	23	13	14	3	114	5,8 %
B	36	35	65	40	26	22	8	232	11,9 %
O	80	187	240	47	39	105	11	709	36,3 %
<b>Total</b>	<b>249</b>	<b>409</b>	<b>646</b>	<b>215</b>	<b>132</b>	<b>265</b>	<b>39</b>	<b>1955</b>	<b>100,0 %</b>
PRA	A	B	D	H	HR	NL	SLO	Total	%
0-5%	222	344	550	198	120	244	32	1710	87,5 %
6-84%	20	45	75	16	12	17	6	191	9,8 %
85-100%	7	20	21	1	0	4	1	54	2,8 %
<b>Total</b>	<b>249</b>	<b>409</b>	<b>646</b>	<b>215</b>	<b>132</b>	<b>265</b>	<b>39</b>	<b>1955</b>	<b>100,0 %</b>
Waiting time (months) based on date start of dialysis	A	B	D	H	HR	NL	SLO	Total	%
Pre-emptive	5	41	14	13	8	22	0	103	5,3 %
0-5	1	12	6	1	2	11	2	35	1,8 %
6-11	15	24	16	10	11	16	5	97	5,0 %
12-23	48	87	39	31	37	60	13	315	16,1 %
24-59	138	192	105	112	57	109	12	725	37,1 %
60 +	42	53	466	48	17	47	7	680	34,8 %
<b>Total</b>	<b>249</b>	<b>409</b>	<b>646</b>	<b>215</b>	<b>132</b>	<b>265</b>	<b>39</b>	<b>1955</b>	<b>100,0 %</b>
Sequence	A	B	D	H	HR	NL	SLO	Total	%
First	202	360	569	209	126	219	37	1722	88,1 %
Repeat	47	49	77	6	6	46	2	233	11,9 %
<b>Total</b>	<b>249</b>	<b>409</b>	<b>646</b>	<b>215</b>	<b>132</b>	<b>265</b>	<b>39</b>	<b>1955</b>	<b>100,0 %</b>
Recipient age	A	B	D	H	HR	NL	SLO	Total	%
0-15	9	11	43	6	2	6	1	78	4,0 %
16-55	146	190	372	122	62	118	20	1030	52,7 %
56-64	63	135	192	66	46	80	15	597	30,5 %
65+	31	73	39	21	22	61	3	250	12,8 %
<b>Total</b>	<b>249</b>	<b>409</b>	<b>646</b>	<b>215</b>	<b>132</b>	<b>265</b>	<b>39</b>	<b>1955</b>	<b>100,0 %</b>

**Table 2.4d(i) Kidney-only transplants (including kidney en bloc) from 2013 to 2017 - ESP allocation program**

HLA - A, B, DR mismatches	2013	2014	2015	2016	2017	2016/2017
0	3	0	1	1	1	0,0 %
1	15	7	5	3	3	0,0 %
2	61	25	25	19	29	52,6 %
3	97	80	95	79	85	7,6 %
4	168	153	140	145	130	-10,3 %
5	122	167	158	151	168	11,3 %
6	49	67	66	67	64	-4,5 %
not calculated	0	0	6	3	2	-33,3 %
<b>Total</b>	<b>515</b>	<b>499</b>	<b>496</b>	<b>468</b>	<b>482</b>	<b>3,0 %</b>

**Table 2.4d(i) (continued)**

Blood group	2013	2014	2015	2016	2017	2016/2017
A	213	224	185	224	198	-11,6 %
AB	17	13	10	11	14	27,3 %
B	54	49	56	30	47	56,7 %
O	231	213	245	203	223	9,9 %
<b>Total</b>	<b>515</b>	<b>499</b>	<b>496</b>	<b>468</b>	<b>482</b>	<b>3,0 %</b>

PRA	2013	2014	2015	2016	2017	2016/2017
0-5%	477	464	456	446	447	0,2 %
6-84%	37	32	37	19	31	63,2 %
85-100%	1	3	3	3	4	33,3 %
<b>Total</b>	<b>515</b>	<b>499</b>	<b>496</b>	<b>468</b>	<b>482</b>	<b>3,0 %</b>

Waiting time (months) based on date start of dialysis	2013	2014	2015	2016	2017	2016/2017
Pre-emptive	4	12	8	12	15	25,0 %
0-5	4	6	3	4	8	100,0 %
6-11	17	20	11	13	13	0,0 %
12-23	99	76	68	74	97	31,1 %
24-59	293	281	306	243	244	0,4 %
60 +	98	104	100	122	105	-13,9 %
<b>Total</b>	<b>515</b>	<b>499</b>	<b>496</b>	<b>468</b>	<b>482</b>	<b>3,0 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	479	471	462	445	457	2,7 %
Repeat	36	28	34	23	25	8,7 %
<b>Total</b>	<b>515</b>	<b>499</b>	<b>496</b>	<b>468</b>	<b>482</b>	<b>3,0 %</b>

**Table 2.4d(ii) Kidney-only transplants (including kidney en bloc) in 2017 - ESP allocation program**

HLA - A, B, DR mismatches	A	B	D	H	HR	NL	Total	%
0	0	0	1	0	0	0	1	0,2 %
1	0	0	2	0	0	1	3	0,6 %
2	1	3	18	2	2	3	29	6,0 %
3	6	6	55	3	3	12	85	17,6 %
4	11	7	80	7	3	22	130	27,0 %
5	20	5	95	10	2	36	168	34,9 %
6	6	5	39	5	0	9	64	13,3 %
Not calculated	2	0	0	0	0	0	2	0,4 %
<b>Total</b>	<b>46</b>	<b>26</b>	<b>290</b>	<b>27</b>	<b>10</b>	<b>83</b>	<b>482</b>	<b>100,0 %</b>

Blood group	A	B	D	H	HR	NL	Total	%
A	17	12	121	10	3	35	198	41,1 %
AB	0	0	11	1	0	2	14	2,9 %
B	0	0	33	8	1	5	47	9,8 %
O	29	14	125	8	6	41	223	46,3 %
<b>Total</b>	<b>46</b>	<b>26</b>	<b>290</b>	<b>27</b>	<b>10</b>	<b>83</b>	<b>482</b>	<b>100,0 %</b>

**Table 2.4d(ii) (continued)**

PRA	A	B	D	H	HR	NL	Total	%
0-5%	44	26	260	25	10	82	447	92,7 %
6-84%	2	0	27	1	0	1	31	6,4 %
85-100%	0	0	3	1	0	0	4	0,8 %
<b>Total</b>	<b>46</b>	<b>26</b>	<b>290</b>	<b>27</b>	<b>10</b>	<b>83</b>	<b>482</b>	<b>100,0 %</b>

Waiting time (months) based on date start of dialysis	A	B	D	H	HR	NL	Total	%
Pre-emptive	2	2	1	5	0	5	15	3,1 %
0-5	1	2	4	0	0	1	8	1,7 %
6-11	2	1	4	1	1	4	13	2,7 %
12-23	11	14	34	2	3	33	97	20,1 %
24-59	28	5	151	18	6	36	244	50,6 %
60 +	2	2	96	1	0	4	105	21,8 %
<b>Total</b>	<b>46</b>	<b>26</b>	<b>290</b>	<b>27</b>	<b>10</b>	<b>83</b>	<b>482</b>	<b>100,0 %</b>

Sequence	A	B	D	H	HR	NL	Total	%
First	42	26	274	27	10	78	457	94,8 %
Repeat	4	0	16	0	0	5	25	5,2 %
<b>Total</b>	<b>46</b>	<b>26</b>	<b>290</b>	<b>27</b>	<b>10</b>	<b>83</b>	<b>482</b>	<b>100,0 %</b>

**Table 2.4e(i) Kidney-only transplants (including kidney en bloc) from 2013 to 2017 - AM allocation program**

HLA - A, B, DR mismatches	2013	2014	2015	2016	2017	2016/2017
0	25	12	12	23	8	-65,2 %
1	18	28	32	31	29	-6,5 %
2	27	30	22	39	30	-23,1 %
3	18	11	28	31	36	16,1 %
4	4	3	5	10	8	-20,0 %
5	0	0	0	0	1	--
<b>Total</b>	<b>92</b>	<b>84</b>	<b>99</b>	<b>134</b>	<b>112</b>	<b>-16,4 %</b>

Blood group	2013	2014	2015	2016	2017	2016/2017
A	36	38	38	60	42	-30,0 %
AB	4	4	7	6	6	0,0 %
B	16	11	15	17	12	-29,4 %
O	36	31	39	51	52	2,0 %
<b>Total</b>	<b>92</b>	<b>84</b>	<b>99</b>	<b>134</b>	<b>112</b>	<b>-16,4 %</b>

PRA	2013	2014	2015	2016	2017	2016/2017
0-5%	9	14	12	19	14	-26,3 %
6-84%	48	40	47	52	46	-11,5 %
85-100%	35	30	40	63	52	-17,5 %
<b>Total</b>	<b>92</b>	<b>84</b>	<b>99</b>	<b>134</b>	<b>112</b>	<b>-16,4 %</b>

**Table 2.4e(i) (continued)**

Waiting time (months) based on date start of dialysis	2013	2014	2015	2016	2017	2016/2017
Pre-emptive	3	2	1	2	1	-50,0 %
0-5	0	0	0	0	1	--
6-11	4	2	1	0	3	--
12-23	9	6	4	15	7	-53,3 %
24-59	35	33	50	71	46	-35,2 %
60 +	41	41	43	46	54	17,4 %
<b>Total</b>	<b>92</b>	<b>84</b>	<b>99</b>	<b>134</b>	<b>112</b>	<b>-16,4 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	21	16	22	16	24	50,0 %
Repeat	71	68	77	118	88	-25,4 %
<b>Total</b>	<b>92</b>	<b>84</b>	<b>99</b>	<b>134</b>	<b>112</b>	<b>-16,4 %</b>

Recipient age	2013	2014	2015	2016	2017	2016/2017
0-15	0	3	1	2	0	-100,0 %
16-55	65	52	70	91	82	-9,9 %
56-64	13	23	17	32	20	-37,5 %
65+	14	6	11	9	10	11,1 %
<b>Total</b>	<b>92</b>	<b>84</b>	<b>99</b>	<b>134</b>	<b>112</b>	<b>-16,4 %</b>

**Table 2.4e(ii) Kidney-only transplants (including kidney en bloc) in 2017 - AM allocation program**

HLA - A, B, DR mismatches	A	B	D	NL	SLO	Total	%
0	0	0	5	3	0	8	7,1 %
1	5	3	16	4	1	29	25,9 %
2	1	4	24	1	0	30	26,8 %
3	3	3	24	6	0	36	32,1 %
4	2	0	6	0	0	8	7,1 %
5	0	0	1	0	0	1	0,9 %
<b>Total</b>	<b>11</b>	<b>10</b>	<b>76</b>	<b>14</b>	<b>1</b>	<b>112</b>	<b>100,0 %</b>

Blood group	A	B	D	NL	SLO	Total	%
A	3	3	31	5	0	42	37,5 %
AB	0	0	5	1	0	6	5,4 %
B	1	0	10	1	0	12	10,7 %
O	7	7	30	7	1	52	46,4 %
<b>Total</b>	<b>11</b>	<b>10</b>	<b>76</b>	<b>14</b>	<b>1</b>	<b>112</b>	<b>100,0 %</b>

PRA	A	B	D	NL	SLO	Total	%
0-5%	3	0	10	1	0	14	12,5 %
6-84%	7	4	22	12	1	46	41,1 %
85-100%	1	6	44	1	0	52	46,4 %
<b>Total</b>	<b>11</b>	<b>10</b>	<b>76</b>	<b>14</b>	<b>1</b>	<b>112</b>	<b>100,0 %</b>

**Table 2.4e(ii) continued)**

Waiting time (months) based on date start of dialysis	A	B	D	NL	SLO	Total	%
Pre-emptive	0	1	0	0	0	1	0,9 %
0-5	0	0	0	1	0	1	0,9 %
6-11	1	1	1	0	0	3	2,7 %
12-23	3	0	3	1	0	7	6,3 %
24-59	4	5	29	7	1	46	41,1 %
60 +	3	3	43	5	0	54	48,2 %
<b>Total</b>	<b>11</b>	<b>10</b>	<b>76</b>	<b>14</b>	<b>1</b>	<b>112</b>	<b>100,0 %</b>

Sequence	A	B	D	NL	SLO	Total	%
First	1	2	19	1	1	24	21,4 %
Repeat	10	8	57	13	0	88	78,6 %
<b>Total</b>	<b>11</b>	<b>10</b>	<b>76</b>	<b>14</b>	<b>1</b>	<b>112</b>	<b>100,0 %</b>

Recipient age	A	B	D	NL	SLO	Total	%
16-55	8	6	56	11	1	82	73,2 %
56-64	2	1	15	2	0	20	17,9 %
65+	1	3	5	1	0	10	8,9 %
<b>Total</b>	<b>11</b>	<b>10</b>	<b>76</b>	<b>14</b>	<b>1</b>	<b>112</b>	<b>100,0 %</b>

**Table 2.5(i) Living donor kidney transplants from 2013 to 2017**

Kidney-only	2013	2014	2015	2016	2017	2016/2017
Related	714	659	635	680	629	-7,5 %
Non-related	689	689	688	659	664	0,8 %
<b>Total</b>	<b>1403</b>	<b>1348</b>	<b>1323</b>	<b>1339</b>	<b>1293</b>	<b>-3,4 %</b>

Related	2013	2014	2015	2016	2017	2016/2017
Brother / sister	248	213	221	225	192	-14,7 %
Father	136	133	131	132	136	3,0 %
Mother	236	218	201	231	212	-8,2 %
Son / daughter	43	36	34	35	46	31,4 %
Grandfather / -mother	5	7	6	7	5	-28,6 %
Grandchild	0	0	0	0	1	--
Uncle / aunt	19	23	24	26	19	-26,9 %
Nephew / niece	12	17	7	11	8	-27,3 %
Cousin	14	11	10	10	8	-20,0 %
Blood related: NOS*	1	1	1	3	2	-33,3 %
<b>Total</b>	<b>714</b>	<b>659</b>	<b>635</b>	<b>680</b>	<b>629</b>	<b>-7,5 %</b>

Non-related	2013	2014	2015	2016	2017	2016/2017
Spouse / partner	474	434	426	402	417	3,7 %
Not blood related family	68	64	69	52	66	26,9 %
Friend	56	73	58	72	60	-16,7 %
Not blood related: NOS*	91	118	135	133	121	-9,0 %
<b>Total</b>	<b>689</b>	<b>689</b>	<b>688</b>	<b>659</b>	<b>664</b>	<b>0,8 %</b>

\* NOS - Not otherwise specified



**Table 2.5(ii) Living donor kidney transplants in 2017**

Kidney-only	A	B	D	H	HR	NL	SLO	Total	%
Related	34	39	322	22	8	202	2	629	48,6 %
Non-related	35	24	235	18	3	349	0	664	51,4 %
<b>Total</b>	<b>69</b>	<b>63</b>	<b>557</b>	<b>40</b>	<b>11</b>	<b>551</b>	<b>2</b>	<b>1293</b>	<b>100,0 %</b>

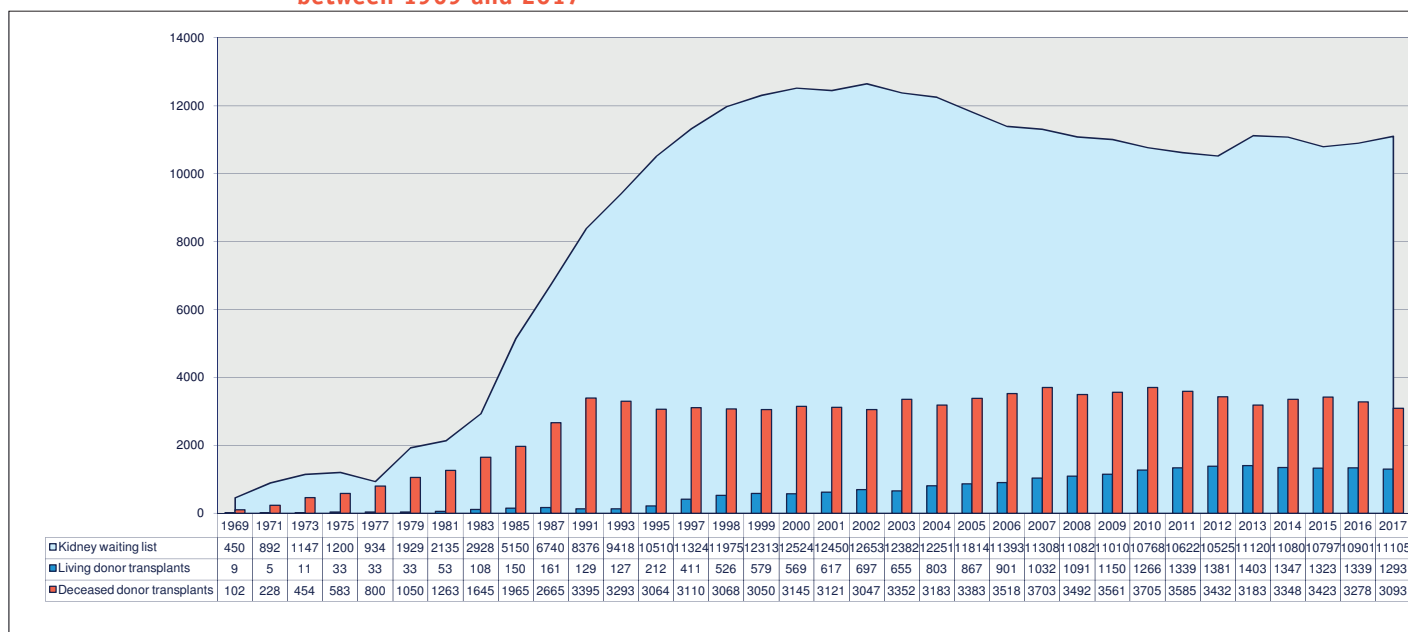
Related	A	B	D	H	HR	NL	SLO	Total	%
Brother / sister	14	14	91	8	0	65	0	192	30,5 %
Father	5	6	83	3	2	36	1	136	21,6 %
Mother	12	14	125	8	5	47	1	212	33,7 %
Son / daughter	1	1	7	3	0	34	0	46	7,3 %
Grandfather / - mother	0	0	3	0	0	2	0	5	0,8 %
Uncle / aunt	2	1	7	0	1	8	0	19	3,0 %
Nephew / niece	0	3	1	0	0	4	0	8	1,3 %
Cousin	0	0	4	0	0	4	0	8	1,3 %
Grandchild	0	0	0	0	0	1	0	1	0,2 %
Blood related: NOS *	0	0	1	0	0	1	0	2	0,3 %
<b>Total</b>	<b>34</b>	<b>39</b>	<b>322</b>	<b>22</b>	<b>8</b>	<b>202</b>	<b>2</b>	<b>629</b>	<b>100,0 %</b>

Non related	A	B	D	H	HR	NL	SLO	Total	%
Spouse / partner	26	19	203	10	3	156	0	417	62,8 %
Not blood related family	1	2	22	4	0	37	0	66	9,9 %
Friend	4	2	8	3	0	43	0	60	9,0 %
Not blood related: NOS*	4	1	2	1	0	113	0	121	18,2 %
<b>Total</b>	<b>35</b>	<b>24</b>	<b>235</b>	<b>18</b>	<b>3</b>	<b>349</b>	<b>0</b>	<b>664</b>	<b>100,0 %</b>

\* NOS - Not otherwise specified

**Figure 2.5 Dynamics of the Eurotransplant kidney transplant waiting list and transplants between 1969 and 2017**



# 3.

## Thoracic organs: donation, waiting lists and transplants

### DONATION

**Table 3.1(i) Deceased donors / hearts in Eurotransplant from 2013 to 2017**

Donors	2013	2014	2015	2016	2017	2016/2017
All donors reported	2302	2299	2317	2306	2246	-2,9 %
Non-heart donors	1404	1367	1431	1428	1429	-0,3 %
Heart donors reported	898	932	886	878	817	-6,9 %
Heart donors not used	309	298	281	291	269	3,9 %
Total heart donors used	589	634	605	587	548	-7,1 %

Hearts	2013	2014	2015	2016	2017	2016/2017
Reported	898	932	886	878	817	-7,5 %
Offered	895	925	882	876	813	-7,7 %
Accepted	685	738	690	699	630	-11,0 %
Transplanted	589	634	605	587	548	-7,1 %

**Table 3.1(ii) Deceased donors / hearts in Eurotransplant in 2017**

Donors	A	B	D	H	HR	L	NL	SLO	Total ET	Non-ET	Total	% all donors
All donors reported	224	380	821	165	142	10	322	44	2108	138	2246	100,0 %
Non-heart donors	121	263	446	107	110	7	269	13	1336	93	1429	63,6 %
Heart donors reported	103	117	375	58	32	3	53	31	772	45	817	36,4 %
Heart donors not used	34	35	125	8	1	1	18	12	234	35	269	12,0 %
Total heart donors used	69	82	250	50	31	2	35	19	538	10	548	24,4 %

Hearts	A	B	D	H	HR	L	NL	SLO	Total ET	Non-ET	Total	% of reported
Reported	103	117	375	58	32	3	53	31	772	45	817	100,0 %
Offered	102	117	375	58	32	3	52	31	770	43	813	99,5 %
Accepted	84	91	287	55	31	3	43	21	615	15	630	77,1 %
Transplanted	69	82	250	50	31	2	35	19	538	10	548	67,1 %

**Table 3.2(i) Deceased donors / lungs in Eurotransplant from 2013 to 2017**

Donors	2013	2014	2015	2016	2017	2016/2017
All donors reported	2302	2299	2317	2306	2246	-2,6 %
Non-lung donors	1138	1128	1193	1184	1121	-5,3 %
Lung donors reported	1164	1171	1124	1122	1125	0,3 %
Lung donors not used	493	510	515	474	497	4,9 %
<i>One lung used</i>	26	24	25	25	23	-8,0 %
<i>Two lungs used</i>	645	637	584	623	605	-2,9 %
Total lung donors used	671	661	609	648	628	-3,1 %

Lungs	2013	2014	2015	2016	2017	2016/2017
Reported	2311	2337	2238	2239	2243	0,2 %
Offered	2284	2325	2228	2235	2235	0,0 %
Accepted	1794	1793	1667	1787	1735	-2,9 %
Transplanted	1316	1298	1193	1271	1233	-3,0 %

**Table 3.2(ii) Deceased donors / lungs in Eurotransplant in 2017**

Donors	A	B	D	H	HR	L	NL	SLO	Total ET	Non-ET	Total	% all donors
All donors reported	224	380	821	165	142	10	322	44	2108	138	2246	100,0 %
Non-lung donors	111	177	374	109	124	6	154	19	1074	47	1121	49,9 %
Lung donors reported	113	203	447	56	18	4	168	25	1034	91	1125	50,1 %
Lung donors not used	37	74	192	14	4	1	102	10	434	63	497	22,1 %
<i>One lung used</i>	3	1	7	1	1	0	10	0	23	0	23	1,0 %
<i>Two lungs used</i>	73	128	248	41	13	3	56	15	577	28	605	26,9 %
Total lung donors used	76	129	255	42	14	3	66	15	600	28	628	28,0 %

Lungs	A	B	D	H	HR	L	NL	SLO	Total ET	Non-ET	Total	% of reported
Reported	226	406	893	112	35	8	331	50	2061	182	2243	100,0 %
Offered	226	406	891	112	35	8	327	50	2055	180	2235	99,6 %
Accepted	189	348	686	101	33	8	246	36	1647	88	1735	77,4 %
Transplanted	149	257	503	83	27	6	122	30	1177	56	1233	55,0 %

## WAITING LIST

Figure 3.1 Heart waiting list, number of patients at year end, by urgency

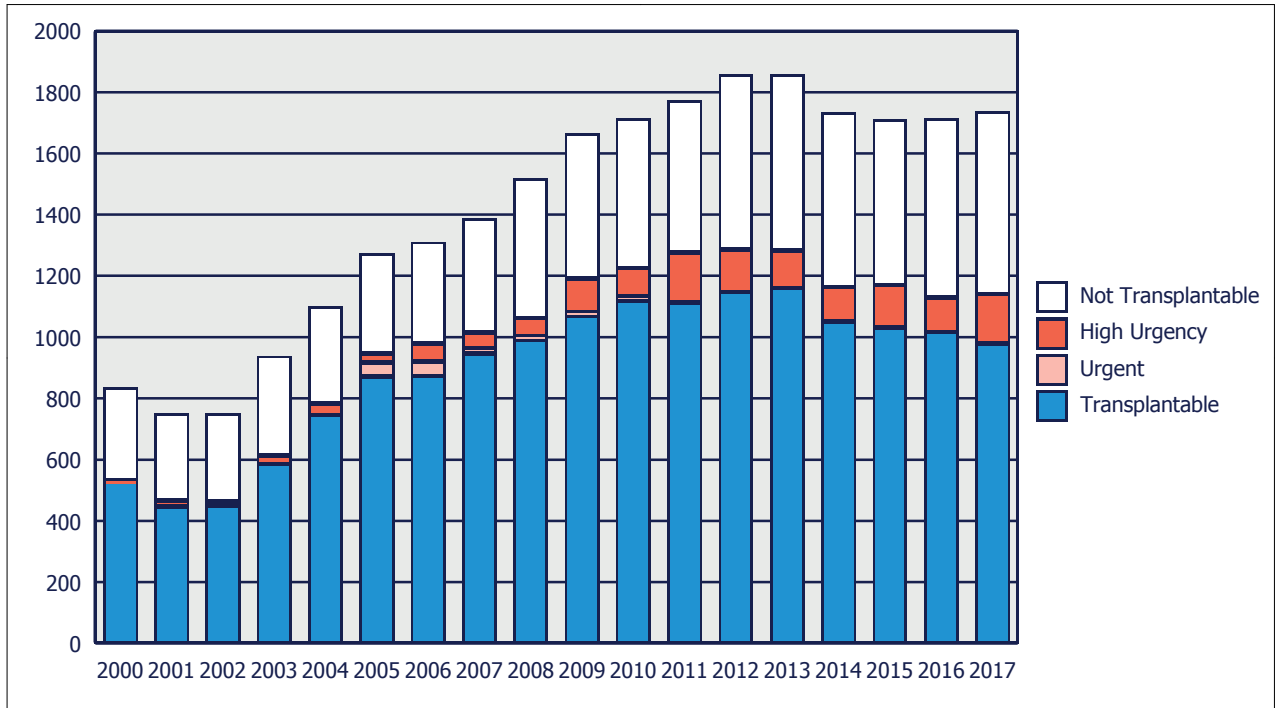
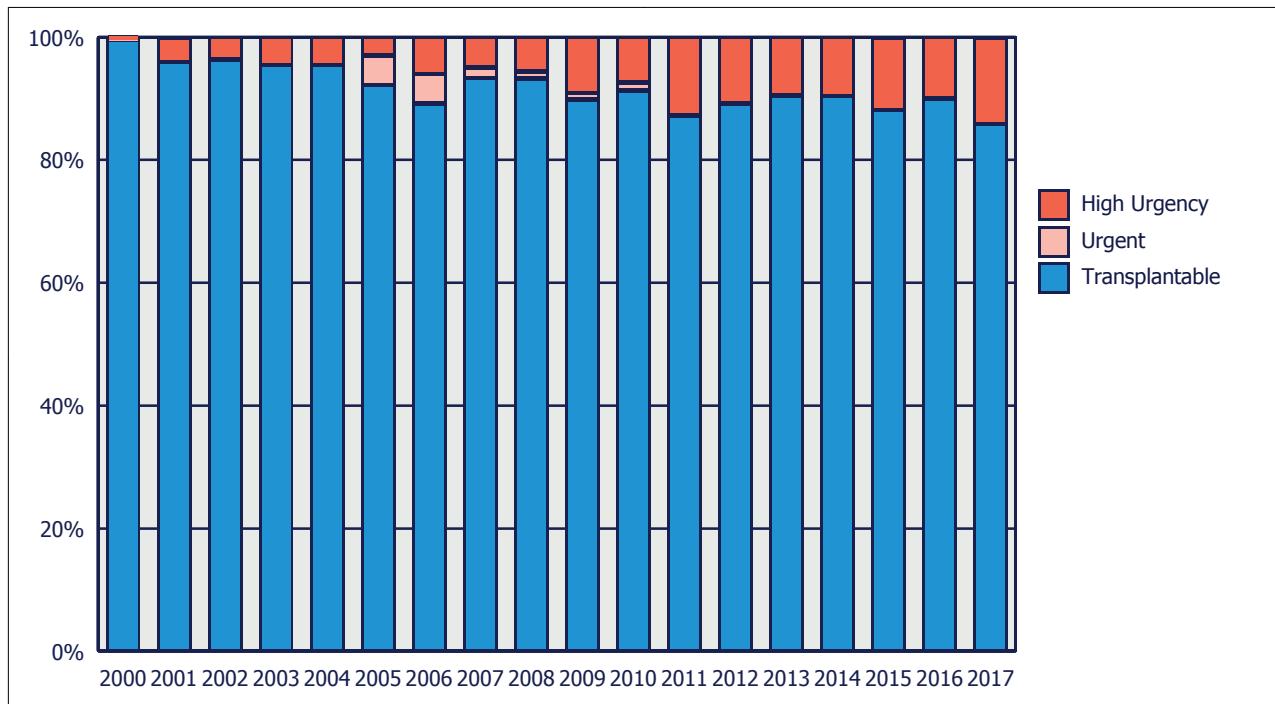


Figure 3.2 Heart waiting list, percentage of patients at year end, by urgency



**Table 3.3(i) Active heart transplant waiting list at year end, from 2013 to 2017**

	2013	2014	2015	2016	2017	2016/2017
Heart	1250	1140	1140	1097	1108	1,0 %
Heart + kidney	17	12	14	19	20	5,3 %
Heart + lung	15	12	13	11	13	18,2 %
Heart + lung + liver	0	0	0	1	0	-100,0 %
Heart + liver	1	0	3	2	0	-100,0 %
<b>Total</b>	<b>1283</b>	<b>1164</b>	<b>1170</b>	<b>1130</b>	<b>1141</b>	<b>1,0 %</b>

**Table 3.3(ii) Active heart transplant waiting list at year end, in 2017**

	A	B	D	H	HR	NL	SLO	Total	%
Heart	67	94	703	60	35	107	42	1108	97,1 %
Heart + kidney	2	7	10	1	0	0	0	20	1,8 %
Heart + lung	0	2	11	0	0	0	0	13	1,1 %
<b>Total</b>	<b>69</b>	<b>103</b>	<b>724</b>	<b>48</b>	<b>35</b>	<b>107</b>	<b>42</b>	<b>1141</b>	<b>100,0 %</b>

**Table 3.4(i) Active heart-only transplant waiting list at year end, from 2013 to 2017 - characteristics**

Blood group	2013	2014	2015	2016	2017	2016/2017
A	571	496	486	451	456	1,1 %
AB	18	27	33	40	36	-10,0 %
B	113	111	117	125	131	4,8 %
O	548	506	504	481	485	0,8 %
<b>Total</b>	<b>1250</b>	<b>1140</b>	<b>1140</b>	<b>1097</b>	<b>1108</b>	<b>1,0 %</b>

% PRA current	2013	2014	2015	2016	2017	2016/2017
0-5 %	734	685	658	651	648	-0,5 %
6-84 %	49	47	42	36	47	30,6 %
85-100 %	9	7	5	4	10	150,0 %
Not reported	458	401	435	406	403	-0,7 %
<b>Total</b>	<b>1250</b>	<b>1140</b>	<b>1140</b>	<b>1097</b>	<b>1108</b>	<b>1,0 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	1234	1129	1130	1085	1100	1,4 %
Repeat	16	11	10	12	8	-33,3 %
<b>Total</b>	<b>1250</b>	<b>1140</b>	<b>1140</b>	<b>1097</b>	<b>1108</b>	<b>1,0 %</b>

Waiting time (months) based on date put on WL	2013	2014	2015	2016	2017	2016/2017
0-5	321	272	294	257	261	1,6 %
6-11	235	204	191	216	193	-10,6 %
12-23	255	261	235	244	247	1,2 %
24+	439	403	420	380	407	7,1 %
<b>Total</b>	<b>1250</b>	<b>1140</b>	<b>1140</b>	<b>1097</b>	<b>1108</b>	<b>1,0 %</b>

**Table 3.4(i) (continued)**

Age	2013	2014	2015	2016	2017	2016/2017
0-15	23	37	37	40	46	15,0 %
16-55	679	608	604	583	566	-2,9 %
56-64	447	404	392	378	392	3,7 %
65+	101	91	107	96	104	8,3 %
<b>Total</b>	<b>1250</b>	<b>1140</b>	<b>1140</b>	<b>1097</b>	<b>1108</b>	<b>1,0 %</b>

Urgency	2013	2014	2015	2016	2017	2016/2017
High urgency	114	107	132	110	155	40,9 %
Elective	1136	1033	1008	987	953	-3,4 %
<b>Total</b>	<b>1250</b>	<b>1140</b>	<b>1140</b>	<b>1097</b>	<b>1108</b>	<b>1,0 %</b>

**Table 3.4(ii) Active heart-only transplant waiting list at year end, in 2017 - characteristics**

Blood group	A	B	D	H	HR	NL	SLO	Total	%
A	24	34	301	20	15	40	22	456	41,2 %
AB	2	2	27	3	1	1	0	36	3,2 %
B	15	14	81	7	6	4	4	131	11,8 %
O	26	44	294	30	13	62	16	485	43,8 %
<b>Total</b>	<b>67</b>	<b>94</b>	<b>703</b>	<b>60</b>	<b>35</b>	<b>107</b>	<b>42</b>	<b>1108</b>	<b>100,0 %</b>

% PRA current	A	B	D	H	HR	NL	SLO	Total	%
0-5 %	18	19	436	50	26	99	0	648	58,5 %
6-84 %	0	2	31	2	5	7	0	47	4,2 %
85-100 %	0	0	9	0	0	1	0	10	0,9 %
Not reported	49	73	227	8	4	0	42	403	36,4 %
<b>Total</b>	<b>67</b>	<b>94</b>	<b>703</b>	<b>60</b>	<b>35</b>	<b>107</b>	<b>42</b>	<b>1108</b>	<b>100,0 %</b>

Sequence	A	B	D	H	HR	NL	SLO	Total	%
First	67	94	695	60	35	107	42	1100	99,3 %
Repeat	0	0	8	0	0	0	0	8	0,7 %
<b>Total</b>	<b>67</b>	<b>94</b>	<b>703</b>	<b>60</b>	<b>35</b>	<b>107</b>	<b>42</b>	<b>1108</b>	<b>100,0 %</b>

Waiting time (months) based on date put on WL	A	B	D	H	HR	NL	SLO	Total	%
0-5	27	24	144	24	11	19	12	261	23,6 %
6-11	16	22	104	14	8	23	6	193	17,4 %
12-23	13	33	140	8	13	29	11	247	22,3 %
24+	11	15	315	14	3	36	13	407	36,7 %
<b>Total</b>	<b>67</b>	<b>94</b>	<b>703</b>	<b>60</b>	<b>35</b>	<b>107</b>	<b>42</b>	<b>1108</b>	<b>100,0 %</b>

Age	A	B	D	H	HR	NL	SLO	Total	%
0-15	4	0	34	1	2	5	0	46	4,2 %
16-55	23	57	353	36	13	62	22	566	51,1 %
56-64	23	29	257	19	16	33	15	392	35,4 %
65+	17	8	59	4	4	7	5	104	9,4 %
<b>Total</b>	<b>67</b>	<b>94</b>	<b>703</b>	<b>60</b>	<b>35</b>	<b>107</b>	<b>42</b>	<b>1108</b>	<b>100,0 %</b>

**Table 3.4(ii) (continued)**

Urgency	A	B	D	H	HR	NL	SLO	Total	%
High urgency	6	2	125	2	6	7	7	155	14,0 %
Elective	61	92	578	58	29	100	35	953	86,0 %
<b>Total</b>	<b>67</b>	<b>94</b>	<b>703</b>	<b>60</b>	<b>35</b>	<b>107</b>	<b>42</b>	<b>1108</b>	<b>100,0 %</b>

**Table 3.5(i) Active heart + lung transplant waiting list at year end, from 2013 to 2017**

Type of transplant	2013	2014	2015	2016	2017	2016/2017
Heart + lung	15	12	13	11	13	18,2 %
Heart + lung + liver	0	0	0	1	0	-100,0 %
<b>Total</b>	<b>15</b>	<b>12</b>	<b>13</b>	<b>12</b>	<b>13</b>	<b>8,3 %</b>

**Table 3.5(ii) Active heart + lung transplant waiting list at year end, in 2017**

Type of transplant	B	D	Total	%	Total
Heart + lung	2	11	13	100,0 %	11
<b>Total</b>	<b>2</b>	<b>11</b>	<b>13</b>	<b>100,0 %</b>	<b>11</b>

**Table 3.6(i) Active heart + lung transplant waiting list at year end, from 2013 to 2017 - characteristics**

Blood group	2013	2014	2015	2016	2017	2016/2017
A	3	4	7	4	7	75,0 %
B	1	1	0	2	2	0,0 %
O	11	7	6	6	4	-33,3 %
<b>Total</b>	<b>15</b>	<b>12</b>	<b>13</b>	<b>12</b>	<b>13</b>	<b>8,3 %</b>

% PRA current	2013	2014	2015	2016	2017	2016/2017
0-5 %	7	8	7	6	7	16,7 %
6-84 %	2	1	1	1	2	100,0 %
Not reported	6	3	5	5	4	-20,0 %
<b>Total</b>	<b>15</b>	<b>12</b>	<b>13</b>	<b>12</b>	<b>13</b>	<b>8,3 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	14	11	11	11	13	18,2 %
Repeat	1	1	2	1	0	-100,0 %
<b>Total</b>	<b>15</b>	<b>12</b>	<b>13</b>	<b>12</b>	<b>13</b>	<b>8,3 %</b>

Waiting time (months) based on date put on WL	2013	2014	2015	2016	2017	2016/2017
0-5	8	2	5	2	3	50,0 %
6-11	3	4	0	5	4	-20,0 %
12-23	1	4	3	0	3	--
24+	3	2	5	5	3	-40,0 %
<b>Total</b>	<b>15</b>	<b>12</b>	<b>13</b>	<b>12</b>	<b>13</b>	<b>8,3 %</b>

**Table 3.6(i) (continued)**

Age	2013	2014	2015	2016	2017	2016/2017
0-15	2	3	2	1	0	-100,0 %
16-55	12	9	10	11	10	-9,1 %
56-64	1	0	1	0	3	--
<b>Total</b>	<b>15</b>	<b>12</b>	<b>13</b>	<b>12</b>	<b>13</b>	<b>8,3 %</b>

Urgency	2013	2014	2015	2016	2017	2016/2017
High urgency	8	4	5	3	5	66,7 %
Elective	7	8	8	9	8	-11,1 %
<b>Total</b>	<b>15</b>	<b>12</b>	<b>13</b>	<b>12</b>	<b>13</b>	<b>8,3 %</b>

**Table 3.6(ii) Active heart + lung transplant waiting list at year end, in 2017 - characteristics**

Blood group	B	D	Total	%
A	2	5	7	53,8 %
B	0	2	2	15,4 %
O	0	4	4	30,8 %
<b>Total</b>	<b>2</b>	<b>11</b>	<b>13</b>	<b>100,0 %</b>

% PRA current	B	D	Total	%
0-5 %	0	7	7	53,8 %
6-84 %	1	1	2	15,4 %
Not reported	1	3	4	30,8 %
<b>Total</b>	<b>2</b>	<b>11</b>	<b>13</b>	<b>100,0 %</b>

Sequence	B	D	Total	%
First	2	11	13	100,0 %
<b>Total</b>	<b>2</b>	<b>11</b>	<b>13</b>	<b>100,0 %</b>

Waiting time (months) based on date put on WL	B	D	Total	%
0-5	0	3	3	23,1 %
6-11	0	4	4	30,8 %
12-23	1	2	3	23,1 %
24+	1	2	3	23,1 %
<b>Total</b>	<b>2</b>	<b>11</b>	<b>13</b>	<b>100,0 %</b>

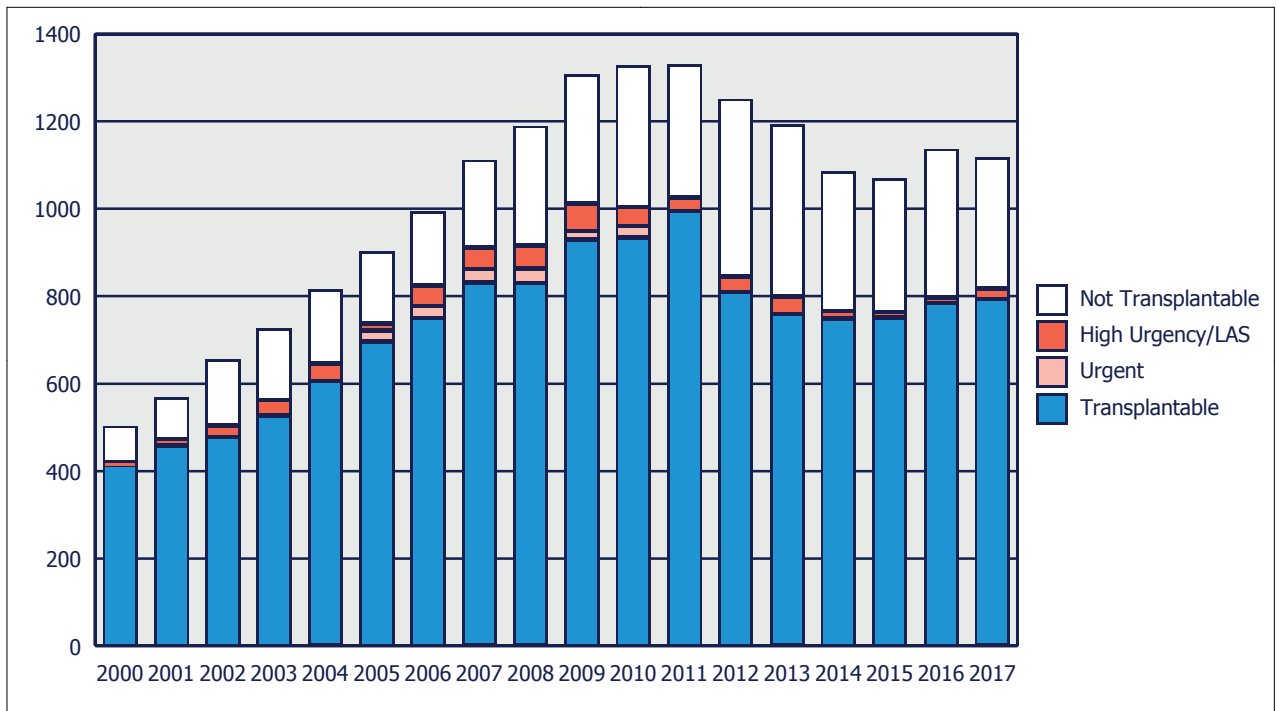
Age	B	D	Total	%
16-55	2	8	10	76,9 %
56-64	0	3	3	23,1 %
<b>Total</b>	<b>2</b>	<b>11</b>	<b>13</b>	<b>100,0 %</b>

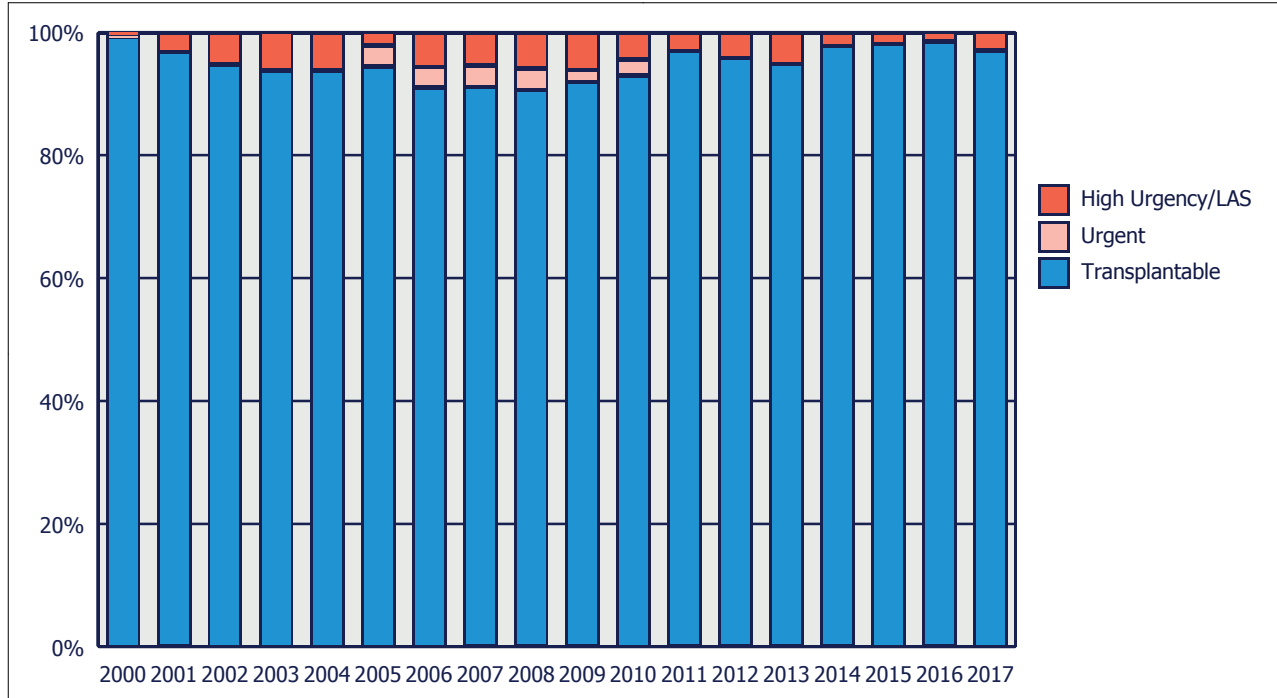
Urgency	B	D	Total	%
High urgency	0	5	5	38,5 %
Elective	2	6	8	61,5 %
<b>Total</b>	<b>2</b>	<b>11</b>	<b>13</b>	<b>100,0 %</b>



**Figure 3.3 Lung waiting list, number of patients at year end, by urgency**



**Figure 3.4 Lung waiting list, percentage of patients at year end, by urgency**



**Table 3.7(i) Active lung transplant waiting list at year end, from 2013 to 2017**

Type of transplant	2013	2014	2015	2016	2017	2016/2017
Lung	779	747	746	782	799	2,2 %
Lung + kidney	1	1	0	1	0	-100,0 %
Lung + heart	15	12	13	11	13	18,2 %
Lung + heart + liver	0	0	0	1	0	-100,0 %
Lung + liver	5	6	5	2	5	150,0 %
<b>Total</b>	<b>800</b>	<b>766</b>	<b>764</b>	<b>797</b>	<b>817</b>	<b>2,5 %</b>

**Table 3.7(ii) Active lung transplant waiting list at year end, in 2017**

Type of transplant	A	B	D	NL	Total	%
Lung	105	139	377	178	799	97,8 %
Lung + heart	0	2	11	0	13	1,6 %
Lung + liver	0	2	3	0	5	0,6 %
<b>Total</b>	<b>105</b>	<b>143</b>	<b>391</b>	<b>178</b>	<b>817</b>	<b>100.0 %</b>

**Table 6.8(i) Active lung-only transplant waiting list at year end, from 2013 to 2017 - characteristics**

Blood group	2013	2014	2015	2016	2017	2016/2017
A	315	292	295	304	316	3,9 %
AB	13	10	13	19	20	5,3 %
B	45	54	50	62	69	11,3 %
O	406	391	388	397	394	-0,8 %
<b>Total</b>	<b>779</b>	<b>747</b>	<b>746</b>	<b>782</b>	<b>799</b>	<b>2,2 %</b>

% PRA current	2013	2014	2015	2016	2017	2016/2017
0-5 %	460	440	404	393	399	1,5 %
6-84 %	44	33	49	59	53	-10,2 %
85-100 %	3	3	4	5	8	60,0 %
Not reported	272	271	289	325	339	4,3 %
<b>Total</b>	<b>779</b>	<b>747</b>	<b>746</b>	<b>782</b>	<b>799</b>	<b>2,2 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	761	728	723	757	779	2,9 %
Repeat	18	19	23	25	20	-20,0 %
<b>Total</b>	<b>779</b>	<b>747</b>	<b>746</b>	<b>782</b>	<b>799</b>	<b>2,2 %</b>

Waiting time (months) based on date put on WL	2013	2014	2015	2016	2017	2016/2017
0-5	269	203	250	242	258	6,6 %
6-11	107	151	130	159	162	1,9 %
12-23	139	142	133	148	174	17,6 %
24+	264	251	233	233	205	-12,0 %
<b>Total</b>	<b>779</b>	<b>747</b>	<b>746</b>	<b>782</b>	<b>799</b>	<b>2,2 %</b>

**Table 3.8(i) (continued)**

Age	2013	2014	2015	2016	2017	2016/2017
0-15	5	3	7	5	7	40,0 %
16-55	392	384	380	349	356	2,0 %
56-64	349	333	328	391	380	-2,8 %
65+	33	27	31	37	56	51,4 %
<b>Total</b>	<b>779</b>	<b>747</b>	<b>746</b>	<b>782</b>	<b>799</b>	<b>2,2 %</b>

Urgency	2013	2014	2015	2016	2017	2016/2017
High urgency/LAS	31	13	9	9	19	111,1 %
Elective	748	734	737	773	780	0,9 %
<b>Total</b>	<b>779</b>	<b>747</b>	<b>746</b>	<b>782</b>	<b>799</b>	<b>2,2 %</b>

**Table 3.8(ii) Active lung-only transplant waiting list at year end, in 2017 - characteristics**

Blood group	A	B	D	NL	Total	%
A	47	52	143	74	316	39,5 %
AB	5	3	8	4	20	2,5 %
B	11	12	31	15	69	8,6 %
O	42	72	195	85	394	49,3 %
<b>Total</b>	<b>105</b>	<b>139</b>	<b>377</b>	<b>178</b>	<b>799</b>	<b>100,0 %</b>

% PRA current	A	B	D	NL	Total	%
0-5 %	12	1	227	159	399	49,9 %
6-84 %	1	1	40	11	53	6,6 %
85-100 %	0	0	5	3	8	1,0 %
Not reported	92	137	105	5	339	42,4 %
<b>Total</b>	<b>105</b>	<b>139</b>	<b>377</b>	<b>178</b>	<b>799</b>	<b>100,0 %</b>

Sequence	A	B	D	NL	Total	%
First	98	136	369	176	779	97 %
Repeat	7	3	8	2	20	3 %
<b>Total</b>	<b>105</b>	<b>139</b>	<b>377</b>	<b>178</b>	<b>799</b>	<b>100,0 %</b>

Waiting time (months) based on date put on WL	A	B	D	NL	Total	%
0-5	42	55	126	35	258	32,3 %
6-11	39	42	56	25	162	20,3 %
12-23	22	36	77	39	174	21,8 %
24+	2	6	118	79	205	25,7 %
<b>Total</b>	<b>105</b>	<b>139</b>	<b>377</b>	<b>178</b>	<b>799</b>	<b>100,0 %</b>

Age	A	B	D	NL	Total	%
0-15	1	0	4	2	7	0,9 %
16-55	50	54	186	66	356	44,6 %
56-64	47	75	158	100	380	47,6 %
65+	7	10	29	10	56	7,0 %
<b>Total</b>	<b>105</b>	<b>139</b>	<b>377</b>	<b>178</b>	<b>799</b>	<b>100,0 %</b>

Table 3.8(ii) (continued)

Urgency	A	B	D	NL	Total	%
High urgency/LAS	6	2	9	2	19	2,4 %
Elective	99	137	368	176	780	97,6 %
<b>Total</b>	<b>105</b>	<b>139</b>	<b>377</b>	<b>178</b>	<b>799</b>	<b>100,0 %</b>

## TRANSPLANTATION

Figure 3.5 Number of deceased donor heart transplants, by recipient urgency at transplant

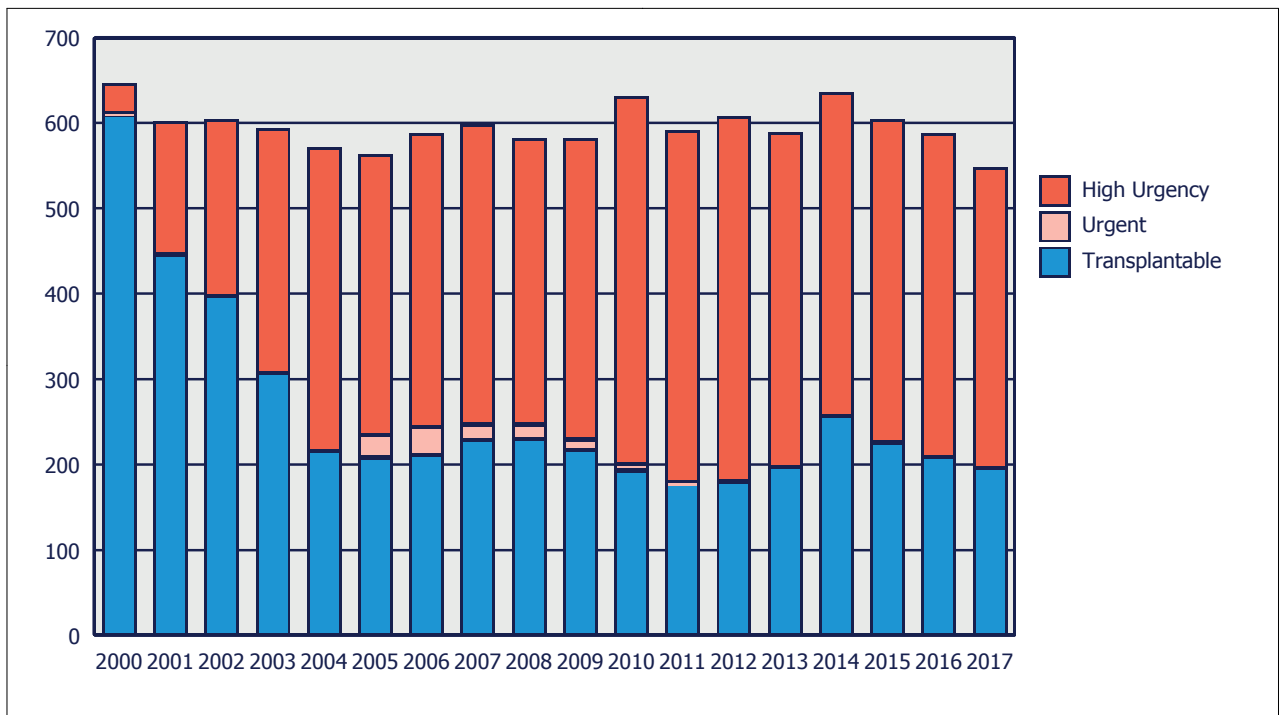
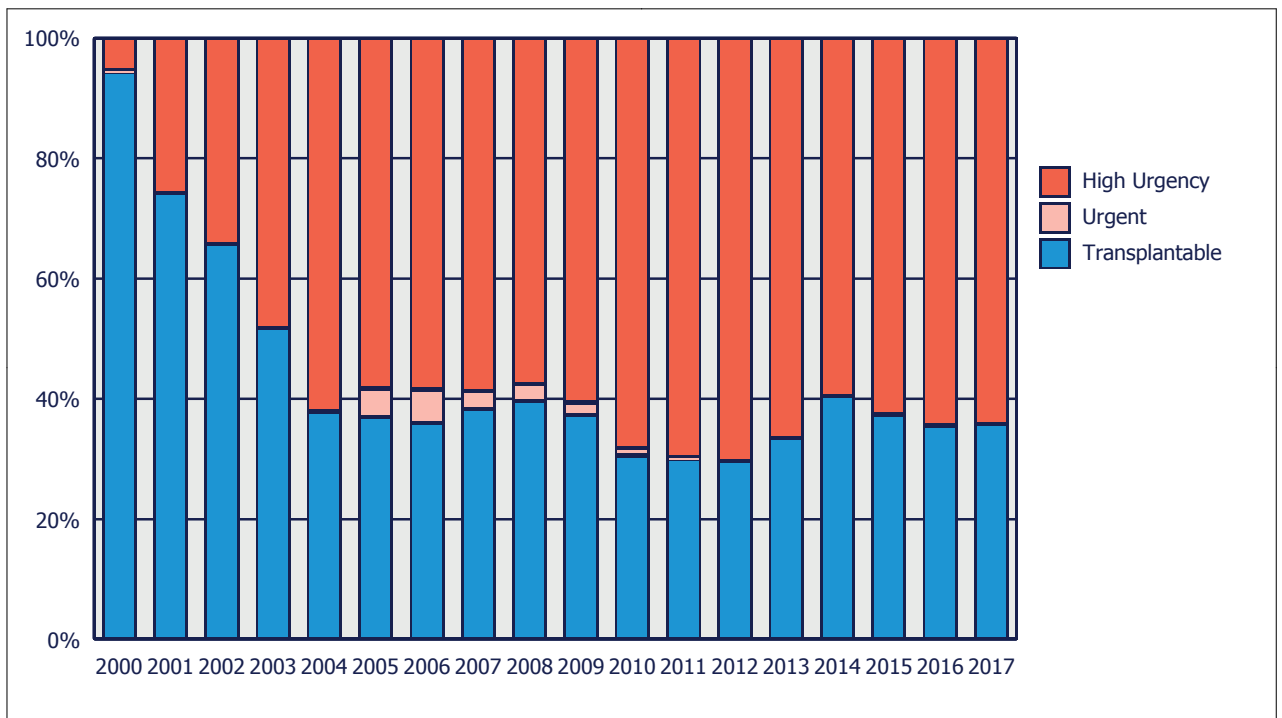


Figure 3.6 Percentage of deceased donor heart transplants, by recipient urgency at transplant



**Table 3.9(i) Heart transplants from 2013 to 2017 - characteristics**

### Deceased donor heart transplants

Type of transplant	2013	2014	2015	2016	2017	2016/2017
Heart	566	617	593	573	534	-6,8 %
Heart + kidney	8	9	7	3	6	100,0 %
Heart + both lungs	14	9	4	9	5	-44,4 %
Heart + liver	1	0	0	2	3	50,0 %
<b>Total</b>	<b>589</b>	<b>635</b>	<b>604</b>	<b>587</b>	<b>548</b>	<b>-6,6 %</b>

### Heart-only transplants

Blood group	2013	2014	2015	2016	2017	2016/2017
A	257	299	276	279	236	-15,4 %
AB	45	35	39	39	46	17,9 %
B	80	79	99	78	60	-23,1 %
O	184	204	179	177	192	8,5 %
<b>Total</b>	<b>566</b>	<b>617</b>	<b>593</b>	<b>573</b>	<b>534</b>	<b>-6,8 %</b>

Waiting time (months) based on date put on WL	2013	2014	2015	2016	2017	2016/2017
0-5	287	304	307	296	254	-14,2 %
6-11	106	105	93	80	85	6,3 %
12-23	84	107	121	83	101	21,7 %
24-59	72	81	53	87	71	-18,4 %
60+	17	20	19	27	23	-14,8 %
<b>Total</b>	<b>566</b>	<b>617</b>	<b>593</b>	<b>573</b>	<b>534</b>	<b>-6,8 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	554	609	581	568	520	-8,5 %
Repeat	12	8	12	5	14	180,0 %
<b>Total</b>	<b>566</b>	<b>617</b>	<b>593</b>	<b>573</b>	<b>534</b>	<b>-6,8 %</b>

Recipient age	2013	2014	2015	2016	2017	2016/2017
0-15	58	49	63	50	47	-6,0 %
16-55	293	310	304	285	275	-3,5 %
56-64	165	204	179	190	167	-12,1 %
65+	50	54	47	48	45	-6,3 %
<b>Total</b>	<b>566</b>	<b>617</b>	<b>593</b>	<b>573</b>	<b>534</b>	<b>-6,8 %</b>

Allocation type	2013	2014	2015	2016	2017	2016/2017
Standard	469	523	516	467	455	-2,6 %
Rescue	97	94	77	106	79	-25,5 %
<b>Total</b>	<b>566</b>	<b>617</b>	<b>593</b>	<b>573</b>	<b>534</b>	<b>-6,8 %</b>

Urgency	2013	2014	2015	2016	2017	2016/2017
High urgency	376	365	372	367	342	-6,8 %
Elective	190	252	221	206	192	-6,8 %
<b>Total</b>	<b>566</b>	<b>617</b>	<b>593</b>	<b>573</b>	<b>534</b>	<b>-6,8 %</b>

**Table 3.9(ii) Heart transplants in 2017 - characteristics**

### Deceased donor heart transplants

Type of transplant	A	B	D	H	HR	NL	SLO	Non-ET	Total	%
Heart	62	76	248	52	33	38	24	1	534	97,4 %
Heart + kidney	2	2	2	0	0	0	0	0	6	1,1 %
Heart + both lungs	0	0	5	0	0	0	0	0	5	0,9 %
Heart + liver	0	1	2	0	0	0	0	0	3	0,5 %
<b>Total</b>	<b>64</b>	<b>79</b>	<b>257</b>	<b>52</b>	<b>33</b>	<b>38</b>	<b>24</b>	<b>1</b>	<b>548</b>	<b>100,0 %</b>

### Heart-only transplants

Blood group	A	B	D	H	HR	NL	SLO	Non-ET	Total	%
A	27	37	110	19	17	19	7	0	236	44,2 %
AB	4	3	23	8	3	2	3	0	46	8,6 %
B	6	6	26	8	9	3	2	0	60	11,2 %
O	25	30	89	17	4	14	12	1	192	36,0 %
<b>Total</b>	<b>62</b>	<b>76</b>	<b>248</b>	<b>52</b>	<b>33</b>	<b>38</b>	<b>24</b>	<b>1</b>	<b>534</b>	<b>100,0 %</b>

Waiting time (months) based on date put on WL	A	B	D	H	HR	NL	SLO	Non-ET	Total	%
0-5	44	21	111	36	20	8	13	1	254	47,6 %
6-11	8	11	41	8	8	4	5	0	85	15,9 %
12-23	5	30	41	3	5	13	4	0	101	18,9 %
24-59	4	13	35	5	0	12	2	0	71	13,3 %
60+	1	1	20	0	0	1	0	0	23	4,3 %
<b>Total</b>	<b>62</b>	<b>76</b>	<b>248</b>	<b>52</b>	<b>33</b>	<b>38</b>	<b>24</b>	<b>1</b>	<b>534</b>	<b>100,0 %</b>

Sequence	A	B	D	H	HR	NL	SLO	Non-ET	Total	%
First	60	72	242	52	32	38	23	1	520	97,4 %
Repeat	2	4	6	0	1	0	1	0	14	2,6 %
<b>Total</b>	<b>62</b>	<b>76</b>	<b>248</b>	<b>52</b>	<b>33</b>	<b>38</b>	<b>24</b>	<b>1</b>	<b>534</b>	<b>100,0 %</b>

Recipient age	A	B	D	H	HR	NL	SLO	Non-ET	Total	%
0-15	9	2	30	2	1	2	0	1	47	8,8 %
16-55	32	47	125	30	15	19	7	0	275	51,5 %
56-64	12	20	77	19	13	13	13	0	167	31,3 %
65+	9	7	16	1	4	4	4	0	45	8,4 %
<b>Total</b>	<b>62</b>	<b>76</b>	<b>248</b>	<b>52</b>	<b>33</b>	<b>38</b>	<b>24</b>	<b>1</b>	<b>534</b>	<b>100,0 %</b>

Allocation type	A	B	D	H	HR	NL	SLO	Non-ET	Total	%
Standard	61	68	196	51	31	33	15	0	455	85,2 %
Rescue	1	8	52	1	2	5	9	1	79	14,8 %
<b>Total</b>	<b>62</b>	<b>76</b>	<b>248</b>	<b>52</b>	<b>33</b>	<b>38</b>	<b>24</b>	<b>1</b>	<b>534</b>	<b>100,0 %</b>

Urgency	A	B	D	H	HR	NL	SLO	Non-ET	Total	%
High urgency	33	28	204	19	25	15	17	1	342	64,0 %
Elective	29	48	44	33	8	23	7	0	192	36,0 %
<b>Total</b>	<b>62</b>	<b>76</b>	<b>248</b>	<b>52</b>	<b>33</b>	<b>38</b>	<b>24</b>	<b>1</b>	<b>534</b>	<b>100,0 %</b>

**Table 3.10(i) Heart + lung transplants from 2013 to 2017 - characteristics**

**Deceased donor heart + lung transplants**

Type of transplant	2013	2014	2015	2016	2017	2016/2017
Heart + both lungs	14	9	4	9	5	-44,4 %
<b>Total</b>	<b>14</b>	<b>9</b>	<b>4</b>	<b>9</b>	<b>5</b>	<b>-44,4 %</b>

**Heart + lung transplants**

Blood group	2013	2014	2015	2016	2017	2016/2017
A	5	4	1	5	2	-60,0 %
AB	2	0	0	1	1	0,0 %
B	2	2	0	1	0	-100,0 %
O	5	3	3	2	2	0,0 %
<b>Total</b>	<b>14</b>	<b>9</b>	<b>4</b>	<b>9</b>	<b>5</b>	<b>-44,4 %</b>

Waiting time (months) based on date put on WL	2013	2014	2015	2016	2017	2016/2017
0-5	8	4	3	6	3	-50,0 %
6-11	2	4	1	1	0	-100,0 %
12-23	2	0	0	2	1	-50,0 %
24-59	0	1	0	0	1	--
60+	2	0	0	0	0	0,0 %
<b>Total</b>	<b>14</b>	<b>9</b>	<b>4</b>	<b>9</b>	<b>5</b>	<b>-44,4 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	14	9	4	9	4	-55,6 %
Repeat	0	0	0	0	1	--
<b>Total</b>	<b>14</b>	<b>9</b>	<b>4</b>	<b>9</b>	<b>5</b>	<b>-44,4 %</b>

Recipient age	2013	2014	2015	2016	2017	2016/2017
0-15	1	0	0	1	0	-100,0 %
16-55	9	9	4	7	5	-28,6 %
56-64	4	0	0	1	0	-100,0 %
<b>Total</b>	<b>14</b>	<b>9</b>	<b>4</b>	<b>9</b>	<b>5</b>	<b>-44,4 %</b>

Urgency	2013	2014	2015	2016	2017	2016/2017
High urgency	12	9	2	7	5	-28,6 %
Elective	2	0	2	2	0	-100,0 %
<b>Total</b>	<b>14</b>	<b>9</b>	<b>4</b>	<b>9</b>	<b>5</b>	<b>-44,4 %</b>

**Table 3.10(ii) Heart + lung transplants in 2017 - characteristics**

### Deceased donor heart + lung transplants

Type of transplant	D	Total	%
Heart + both lungs	5	5	100,0 %
<b>Total</b>	<b>5</b>	<b>5</b>	<b>100,0 %</b>

### Heart + lung transplants

Blood group	D	Total	%
A	2	2	40,0 %
AB	1	1	20,0 %
O	2	2	40,0 %
<b>Total</b>	<b>5</b>	<b>5</b>	<b>100,0 %</b>

Waiting time (months) based on date put on WL	D	Total	%
0-5	3	3	60,0 %
12-23	1	1	20,0 %
24-59	1	1	20,0 %
<b>Total</b>	<b>5</b>	<b>5</b>	<b>100,0 %</b>

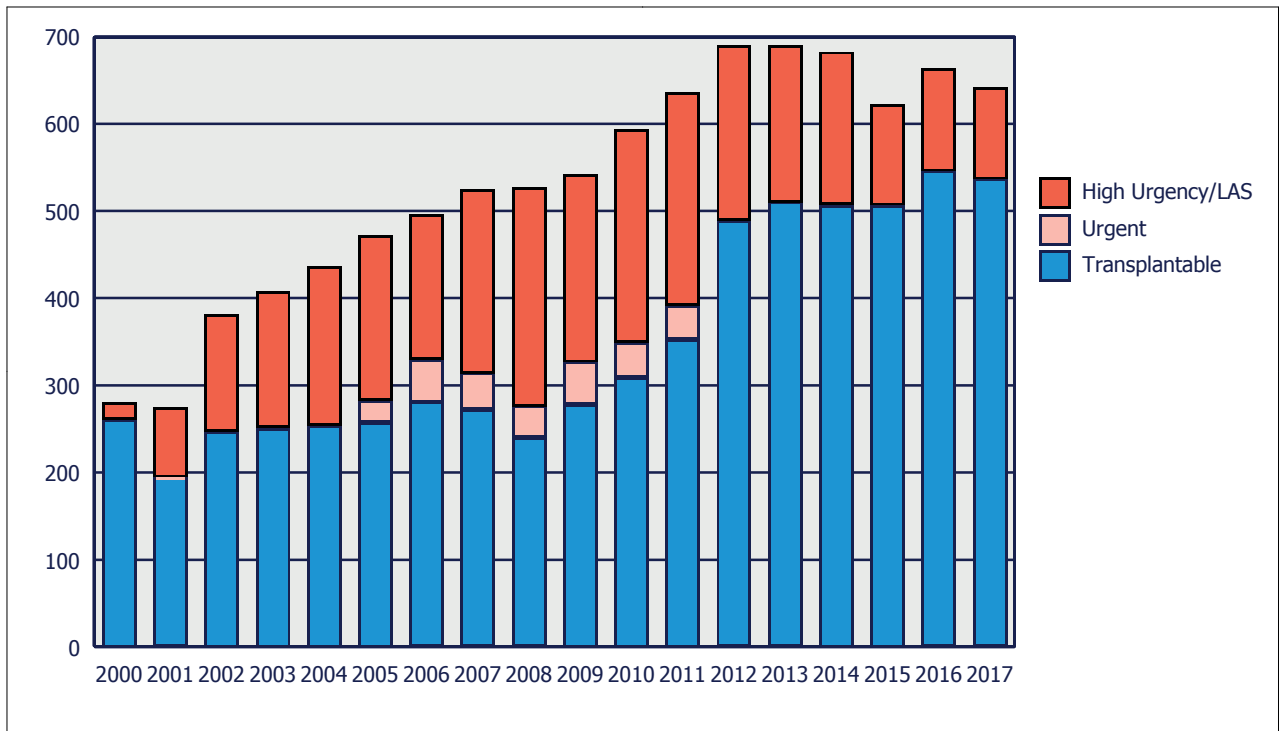
Sequence	D	Total	%
First	4	4	80,0 %
Repeat	1	1	20,0 %
<b>Total</b>	<b>5</b>	<b>5</b>	<b>100,0 %</b>

Recipient age	D	Total	%
16-55	5	5	100,0 %
<b>Total</b>	<b>5</b>	<b>5</b>	<b>100,0 %</b>

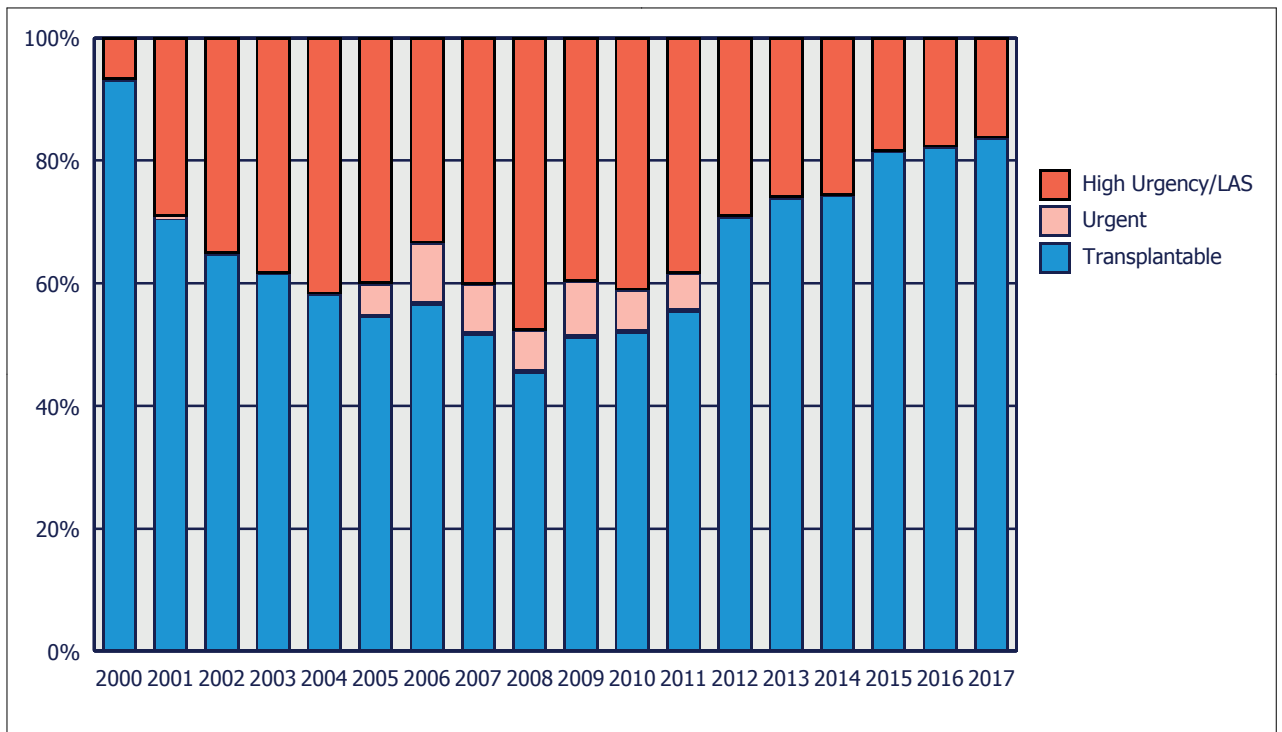
Urgency	D	Total	%
High urgency	5	5	100,0 %
<b>Total</b>	<b>5</b>	<b>5</b>	<b>100,0 %</b>



**Figure 3.7 Number of deceased donor lung transplants, by recipient urgency at transplant**



**Figure 3.8 Percentage of deceased donor lung transplants, by recipient urgency at transplant**



**Table 3.11(i) Lung transplants from 2013 to 2017 - characteristics**

**Deceased donor lung transplants**

Type of transplant	2013	2014	2015	2016	2017	2016/2017
Single lung	60	66	49	53	49	-7,5 %
Both lungs	613	605	558	596	582	-2,3 %
Both lungs + kidney	0	0	1	1	2	100,0 %
Both lungs + heart	14	9	4	9	5	-44,4 %
Both lungs + liver	1	2	9	3	3	0,0 %
<b>Total</b>	<b>688</b>	<b>682</b>	<b>621</b>	<b>662</b>	<b>641</b>	<b>-3,2 %</b>

**Lung-only transplants (including single and both lungs)**

Blood group	2013	2014	2015	2016	2017	2016/2017
A	297	297	287	295	263	-10,8 %
AB	39	37	33	31	41	32,3 %
B	91	76	78	80	91	13,8 %
O	246	261	209	243	236	-2,9 %
<b>Total</b>	<b>673</b>	<b>671</b>	<b>607</b>	<b>649</b>	<b>631</b>	<b>-2,8 %</b>

Waiting time (months) based on date put on WL	2013	2014	2015	2016	2017	2016/2017
0-5	377	415	355	379	332	-12,4 %
6-11	107	116	104	117	115	-1,7 %
12-23	103	68	76	86	113	31,4 %
24-59	75	58	49	51	48	-5,9 %
60+	11	14	23	16	23	43,8 %
<b>Total</b>	<b>673</b>	<b>671</b>	<b>607</b>	<b>649</b>	<b>631</b>	<b>-2,8 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	649	637	576	621	598	-3,7 %
Repeat	24	34	31	28	33	17,9 %
<b>Total</b>	<b>673</b>	<b>671</b>	<b>607</b>	<b>649</b>	<b>631</b>	<b>-2,8 %</b>

Recipient age	2013	2014	2015	2016	2017	2016/2017
0-15	19	16	15	19	9	-52,6 %
16-55	362	361	306	323	307	-5,0 %
56-64	270	261	245	274	273	-0,4 %
65+	22	33	41	33	42	27,3 %
<b>Total</b>	<b>673</b>	<b>671</b>	<b>607</b>	<b>649</b>	<b>631</b>	<b>-2,8 %</b>

Allocation	2013	2014	2015	2016	2017	2016/2017
Standard	520	498	446	475	464	-2,3 %
Rescue	153	173	161	174	167	-4,0 %
<b>Total</b>	<b>673</b>	<b>671</b>	<b>607</b>	<b>649</b>	<b>631</b>	<b>-2,8 %</b>

**Table 3.11(i) (continued)**

Urgency	2013	2014	2015	2016	2017	2016/2017
High urgency/LAS	167	165	108	109	98	-10,1 %
Elective	506	506	499	540	533	-1,3 %
<b>Total</b>	<b>673</b>	<b>671</b>	<b>607</b>	<b>649</b>	<b>631</b>	<b>-2,8 %</b>

**Table 3.11(ii) Lung transplants in 2017 - characteristics**

### Deceased donor lung transplants

Type of transplant	A	B	D	H	NL	Total	%
Single lung	4	3	31	0	11	49	7,6 %
Both lungs	112	114	272	21	63	582	90,8 %
Both lungs + heart	0	0	5	0	0	5	0,8 %
Both lungs + kidney	0	2	0	0	0	2	0,3 %
Both lungs + liver	0	2	1	0	0	3	0,5 %
<b>Total</b>	<b>116</b>	<b>121</b>	<b>309</b>	<b>21</b>	<b>74</b>	<b>641</b>	<b>100,0 %</b>

### Lung-only transplants (including single and both lungs)

Blood group	A	B	D	H	NL	Total	%
A	49	53	126	8	27	263	41,7 %
AB	13	2	18	3	5	41	6,5 %
B	18	17	41	5	10	91	14,4 %
O	36	45	118	5	32	236	37,4 %
<b>Total</b>	<b>116</b>	<b>117</b>	<b>303</b>	<b>21</b>	<b>74</b>	<b>631</b>	<b>100,0 %</b>

Waiting time (months) based on date put on WL	A	B	D	H	NL	Total	%
0-5	58	38	188	17	31	332	52,6 %
6-11	35	28	38	3	11	115	18,2 %
12-23	21	47	33	1	11	113	17,9 %
24-59	2	4	28	0	14	48	7,6 %
60+	0	0	16	0	7	23	3,6 %
<b>Total</b>	<b>116</b>	<b>117</b>	<b>303</b>	<b>21</b>	<b>74</b>	<b>631</b>	<b>100,0 %</b>

Sequence	A	B	D	H	NL	Total	%
First	109	110	287	21	71	598	94,8 %
Repeat	7	7	16	0	3	33	5,2 %
<b>Total</b>	<b>116</b>	<b>117</b>	<b>303</b>	<b>21</b>	<b>74</b>	<b>631</b>	<b>100,0 %</b>

Recipient age	A	B	D	H	NL	Total	%
0-15	1	1	7	0	0	9	1,4 %
16-55	61	44	160	13	29	307	48,7 %
56-64	48	60	120	8	37	273	43,3 %
65+	6	12	16	0	8	42	6,7 %
<b>Total</b>	<b>116</b>	<b>117</b>	<b>303</b>	<b>21</b>	<b>74</b>	<b>631</b>	<b>100,0 %</b>

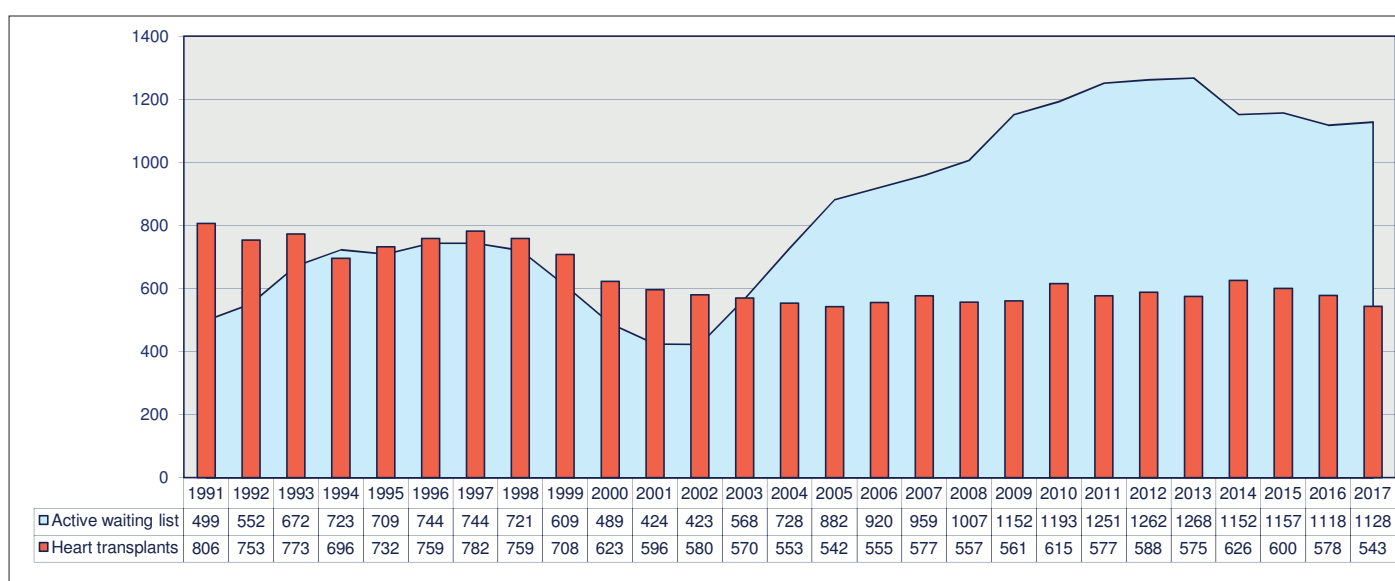
**Table 3.11(ii) (continued)**

Allocation	A	B	D	H	NL	Total	%
Standard	111	115	157	20	61	464	73,5 %
Rescue	5	2	146	1	13	167	26,5 %
<b>Total</b>	<b>116</b>	<b>117</b>	<b>303</b>	<b>21</b>	<b>74</b>	<b>631</b>	<b>100,0 %</b>

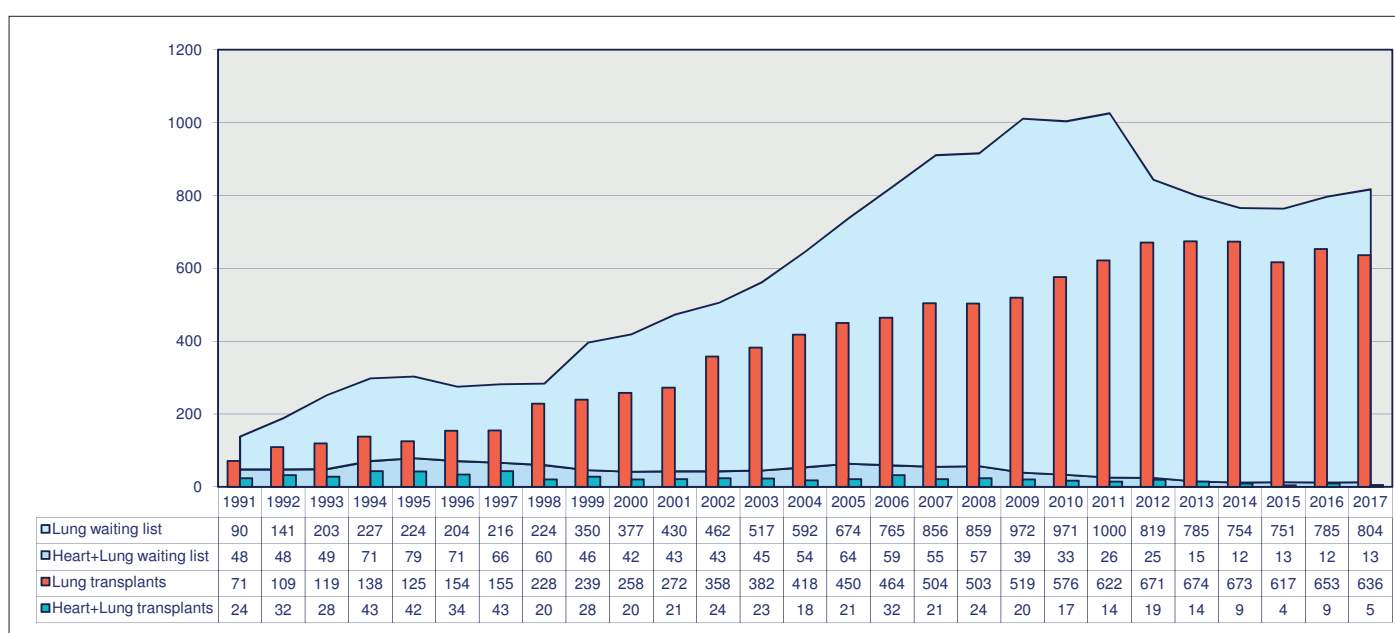
  

Urgency	A	B	D	H	NL	Total	%
High urgency/LAS	22	15	49	2	10	98	15,5 %
Elective	94	102	254	19	64	533	84,5 %
<b>Total</b>	<b>116</b>	<b>117</b>	<b>303</b>	<b>21</b>	<b>74</b>	<b>631</b>	<b>100,0 %</b>

**Figure 3.9 Dynamics of the Eurotransplant heart waiting list and transplants between 1991 and 2017**



**Figure 3.10 Dynamics of the Eurotransplant heart + lung waiting list, heart + lung transplants, lung waiting list and lung transplants, between 1991 and 2017**



# 4.

## Liver and Intestine: donation, waiting lists and transplants

### DONATION

Table 4.1(i) Deceased donors / livers in Eurotransplant from 2013 to 2017

Donors	2013	2014	2015	2016	2017	2016/2017
All donors reported	2302	2299	2317	2306	2246	-2,6 %
Non-liver donors	387	319	314	328	307	-2,0 %
Liver donors reported	1915	1980	2003	1978	1939	-6,4 %
Liver donors not used	400	389	397	411	420	-2,2 %
<i>One split used</i>	2	1	2	2	2	0,0 %
<i>Both splits used</i>	47	54	35	40	46	15,0 %
<i>Whole liver used</i>	1466	1536	1569	1525	1471	-3,5 %
Total liver donors used	1515	1591	1606	1567	1519	-3,1 %

Donor procedures	2013	2014	2015	2016	2017	2016/2017
Whole liver procedure	1862	1919	1965	1935	1887	-2,5 %
Split liver procedure	53	61	38	43	52	20,9 %
<b>Total</b>	<b>1915</b>	<b>1980</b>	<b>2003</b>	<b>1978</b>	<b>1939</b>	<b>-2,0 %</b>

Whole livers	2013	2014	2015	2016	2017	2016/2017
Reported	1862	1919	1965	1935	1887	-2,5 %
Offered	1855	1916	1962	1934	1883	-2,6 %
Accepted	1784	1854	1898	1864	1831	-1,8 %
Transplanted	1466	1536	1569	1525	1471	-3,5 %

Split livers	2013	2014	2015	2016	2017	2016/2017
Available split livers	106	122	76	86	104	20,9 %
Split liver not used	10	13	4	4	10	150,0 %
Split liver transplanted	96	109	72	82	94	14,6 %

**Table 4.1(ii) Deceased donors / livers in Eurotransplant in 2017**

Donors	A	B	D	H	HR	L	NL	SLO	Total ET	Non-ET	Total	% all donors
All donors reported	224	380	821	165	142	10	322	44	2108	138	2246	100,0%
Non-liver donors	20	26	28	34	3	1	86	3	201	106	307	13,7%
Liver donors reported	204	354	793	131	139	9	236	41	1907	32	1939	86,3%
Liver donors not used	47	69	140	40	18	0	75	7	396	24	420	18,7%
<i>One split used</i>	0	0	2	0	0	0	0	0	2	0	2	0,1%
<i>Both splits used</i>	3	12	21	3	2	1	3	0	45	1	46	2,0%
<i>Whole liver used</i>	154	273	630	88	119	8	158	34	1464	7	1471	65,5%
Total liver donors used	157	285	653	91	121	9	161	34	1511	8	1519	67,6%

Donor procedures	A	B	D	H	HR	L	NL	SLO	Total ET	Non-ET	Total	%
Whole liver procedure	200	342	769	127	137	8	232	41	1856	31	1887	97,3%
Split liver procedure	4	12	24	4	2	1	4	0	51	1	52	2,7%
<b>Total</b>	<b>204</b>	<b>354</b>	<b>793</b>	<b>131</b>	<b>139</b>	<b>9</b>	<b>236</b>	<b>41</b>	<b>1907</b>	<b>32</b>	<b>1939</b>	<b>100,0%</b>

Whole livers	A	B	D	H	HR	L	NL	SLO	Total ET	Non-ET	Total	% reported
Reported	200	342	769	127	137	8	232	41	1856	31	1887	100,0%
Offered	200	341	769	127	137	8	231	41	1854	29	1883	99,8%
Accepted	196	326	758	127	135	8	219	41	1810	21	1831	97,0%
Transplanted	154	273	630	88	119	8	158	34	1464	7	1471	78,0%

Split livers	A	B	D	H	HR	L	NL	SLO	Total ET	Non-ET	Total	%
Available split livers	8	24	48	8	4	2	8	0	102	2	104	100,0%
Split liver not used	2	0	4	2	0	0	2	0	10	0	10	9,6%
Split liver transplanted	6	24	44	6	4	2	6	0	92	2	94	90,4%

## WAITING LIST

Figure 4.1 Liver waiting list, number of patients at year end, by urgency

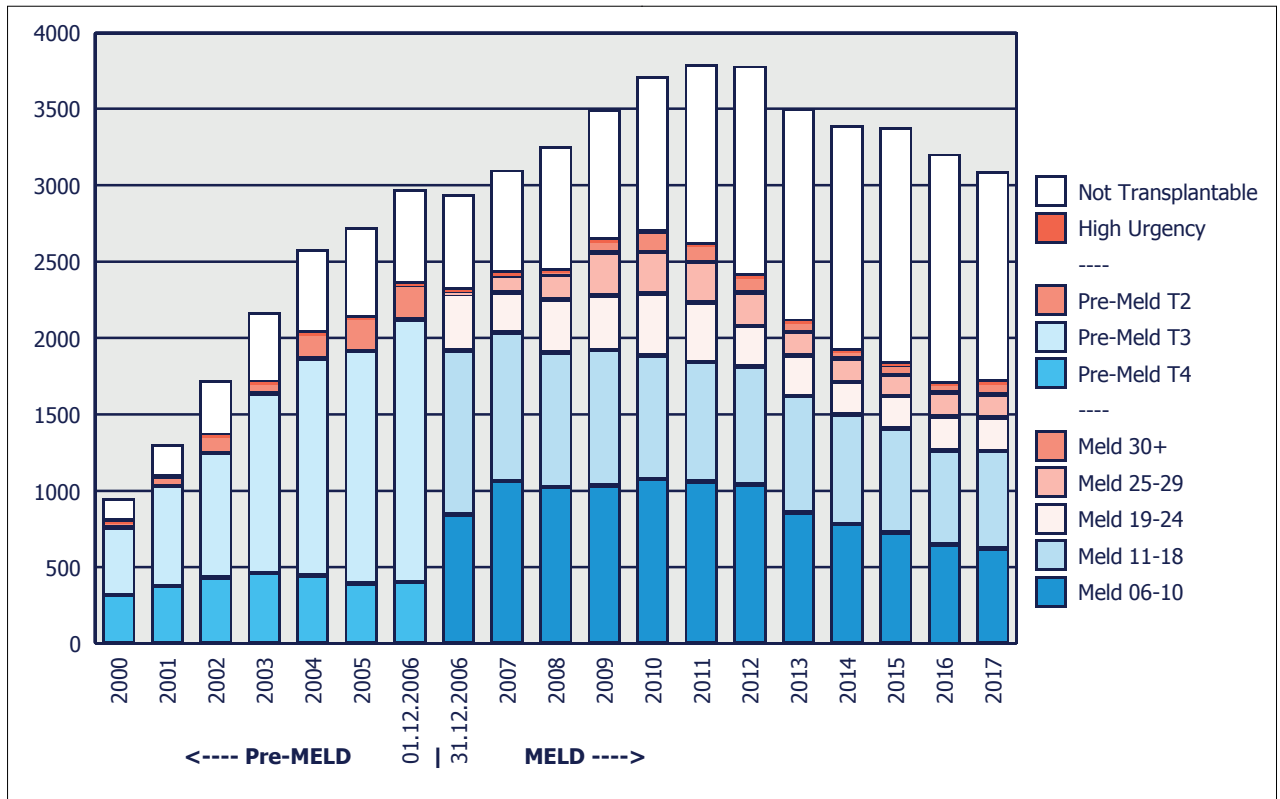
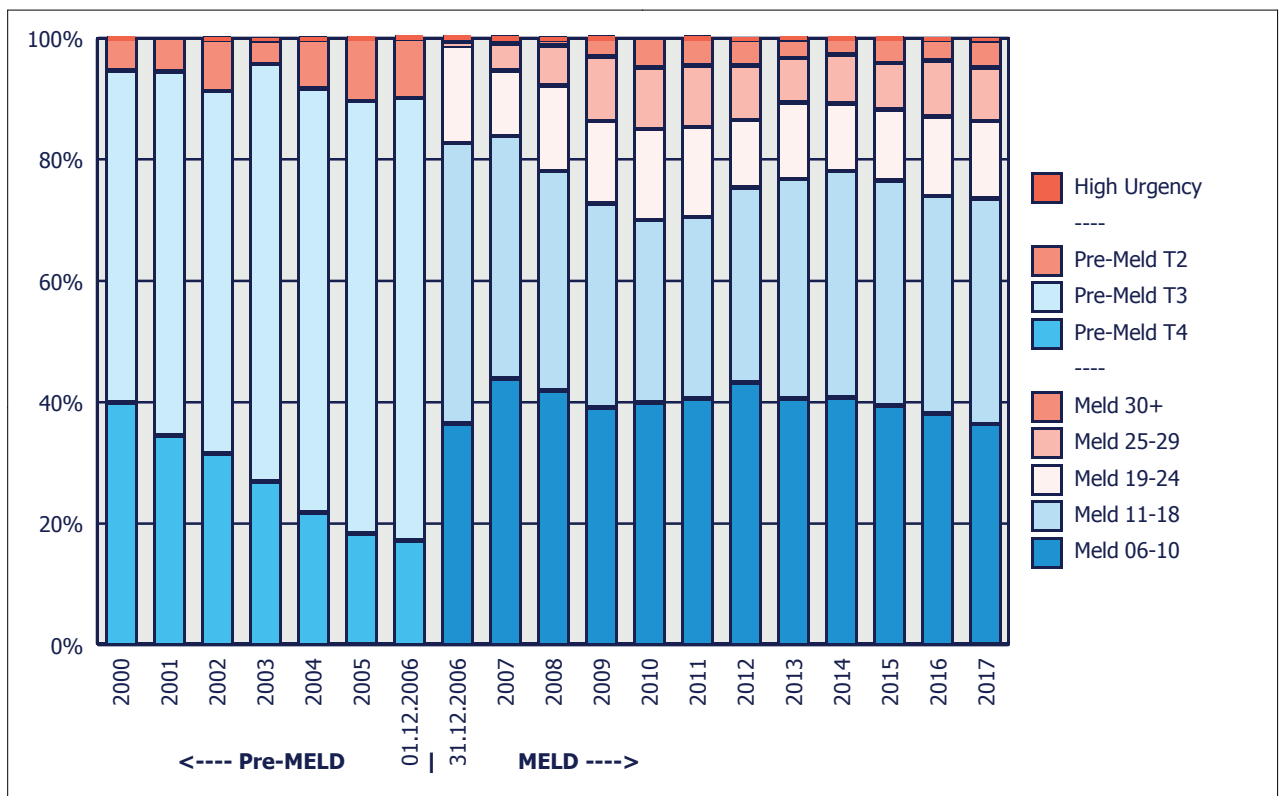


Figure 4.2 Liver waiting list, percentage of patients at year end, by urgency



**Table 4.2(i) Active liver transplant waiting list at year end, from 2013 to 2017**

Type of transplant	2013	2014	2015	2016	2017	2016/2017
Liver	2041	1853	1759	1636	1631	-0,3 %
Liver + kidney	57	55	62	57	66	15,8 %
Liver + heart	1	0	3	2	0	-100,0 %
Liver + heart + lung	0	0	0	1	0	-100,0 %
Liver + lung	5	6	5	2	5	150,0 %
Liver + pancreas	6	3	5	5	10	100,0 %
Liver + pancreas + kidney	1	1	1	1	2	100,0 %
<b>Total</b>	<b>2111</b>	<b>1918</b>	<b>1835</b>	<b>1704</b>	<b>1714</b>	<b>0,6 %</b>

**Table 4.2(ii) Active liver transplant waiting list at year end, in 2017**

Type of transplant	A	B	D	H	HR	NL	SLO	Total	%
Liver	68	171	1044	97	105	128	18	1631	95,2 %
Liver + kidney	0	23	33	4	2	4	0	66	3,9 %
Liver + lung	0	2	3	0	0	0	0	5	0,3 %
Liver + pancreas	0	4	5	0	0	1	0	10	0,6 %
Liver + pancreas + kidney	0	1	1	0	0	0	0	2	0,1 %
<b>Total</b>	<b>68</b>	<b>201</b>	<b>1086</b>	<b>101</b>	<b>107</b>	<b>133</b>	<b>18</b>	<b>1714</b>	<b>100,0 %</b>

**Table 4.3(i) Active liver-only transplant waiting list at year end, from 2013 to 2017 - characteristics**

Blood group	2013	2014	2015	2016	2017	2016/2017
A	909	840	764	701	685	-2,3 %
AB	37	43	31	47	40	-14,9 %
B	254	237	228	209	217	3,8 %
O	841	733	736	679	689	1,5 %
<b>Total</b>	<b>2041</b>	<b>1853</b>	<b>1759</b>	<b>1636</b>	<b>1631</b>	<b>-0,3 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	1945	1767	1663	1548	1528	-1,3 %
Repeat	96	86	96	88	103	17,0 %
<b>Total</b>	<b>2041</b>	<b>1853</b>	<b>1759</b>	<b>1636</b>	<b>1631</b>	<b>-0,3 %</b>

Waiting time (months) based on date put on WL	2013	2014	2015	2016	2017	2016/2017
0-5	569	554	537	515	575	11,7 %
6-11	355	309	279	260	266	2,3 %
12-23	352	292	306	276	260	-5,8 %
24+	765	698	637	585	530	-9,4 %
<b>Total</b>	<b>2041</b>	<b>1853</b>	<b>1759</b>	<b>1636</b>	<b>1631</b>	<b>-0,3 %</b>

Age	2013	2014	2015	2016	2017	2016/2017
0-15	65	46	60	57	56	-1,8 %
16-55	1103	963	885	831	786	-5,4 %
56-64	658	606	581	530	530	0,0 %
65+	215	238	233	218	259	18,8 %
<b>Total</b>	<b>2041</b>	<b>1853</b>	<b>1759</b>	<b>1636</b>	<b>1631</b>	<b>-0,3 %</b>



**Table 4.3(i) (continued)**

MELD score	2013	2014	2015	2016	2017	2016/2017
06-10	847	775	714	640	604	-5,6 %
11-18	751	703	671	599	631	5,3 %
19-24	236	179	181	192	184	-4,2 %
25-29	147	149	131	150	143	-4,7 %
30+	60	47	62	55	68	23,6 %
Unknown	0	0	0	0	1	0.0 %
<b>Total</b>	<b>2041</b>	<b>1853</b>	<b>1759</b>	<b>1636</b>	<b>1631</b>	<b>-0,3 %</b>

**Table 4.3(ii) Active liver-only transplant waiting list at year end, in 2017 - characteristics**

Blood group	A	B	D	H	HR	NL	SLO	Total	%
A	27	66	447	38	54	47	6	685	42,0 %
AB	3	1	15	12	6	3	0	40	2,5 %
B	5	14	139	11	28	16	4	217	13,3 %
O	33	90	443	36	17	62	8	689	42,2 %
<b>Total</b>	<b>68</b>	<b>171</b>	<b>1044</b>	<b>97</b>	<b>105</b>	<b>128</b>	<b>18</b>	<b>1631</b>	<b>100,0%</b>

Sequence	A	B	D	H	HR	NL	SLO	Total	%
First	62	149	987	96	101	116	17	1528	93,7 %
Repeat	6	22	57	1	4	12	1	103	6,3 %
<b>Total</b>	<b>68</b>	<b>171</b>	<b>1044</b>	<b>97</b>	<b>105</b>	<b>128</b>	<b>18</b>	<b>1631</b>	<b>100,0%</b>

Waiting time (months) based on date put on WL	A	B	D	H	HR	NL	SLO	Total	%
0-5	54	104	282	28	38	61	8	575	35,3 %
6-11	10	28	150	21	25	24	8	266	16,3 %
12-23	1	16	176	35	12	19	1	260	15,9 %
24+	3	23	436	13	30	24	1	530	32,5 %
<b>Total</b>	<b>68</b>	<b>171</b>	<b>1044</b>	<b>97</b>	<b>105</b>	<b>128</b>	<b>18</b>	<b>1631</b>	<b>100,0 %</b>

Age	A	B	D	H	HR	NL	SLO	Total	%
0-15	1	9	30	8	3	5	0	56	3,4 %
16-55	25	56	535	56	40	64	10	786	48,2 %
56-64	33	57	335	21	39	40	5	530	32,5 %
65+	9	49	144	12	23	19	3	259	15,9 %
<b>Total</b>	<b>68</b>	<b>171</b>	<b>1044</b>	<b>97</b>	<b>105</b>	<b>128</b>	<b>18</b>	<b>1631</b>	<b>100,0 %</b>

MELD score	A	B	D	H	HR	NL	SLO	Total	%
06-10	19	29	396	53	56	39	12	604	37,0 %
11-18	37	44	423	35	27	60	5	631	38,7 %
19-24	12	44	88	3	16	20	1	184	11,3 %
25-29	0	41	93	1	5	3	0	143	8,8 %
30+	0	13	44	5	1	5	0	68	4,2 %
Unknown	0	0	0	0	0	1	0	1	0,1 %
<b>Total</b>	<b>68</b>	<b>171</b>	<b>1044</b>	<b>97</b>	<b>105</b>	<b>127</b>	<b>18</b>	<b>1631</b>	<b>100,0 %</b>

## TRANSPLANTATION

Figure 4.3 Number of deceased donor liver transplants, by recipient urgency at transplant

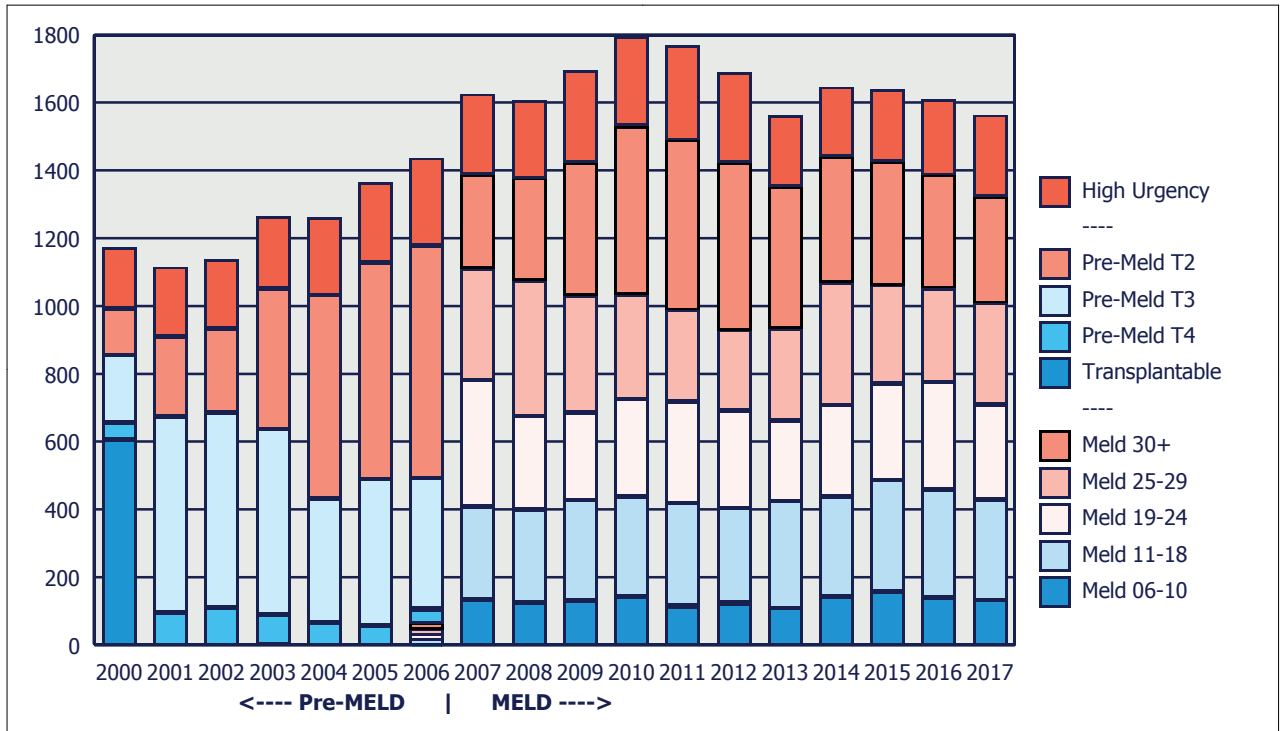
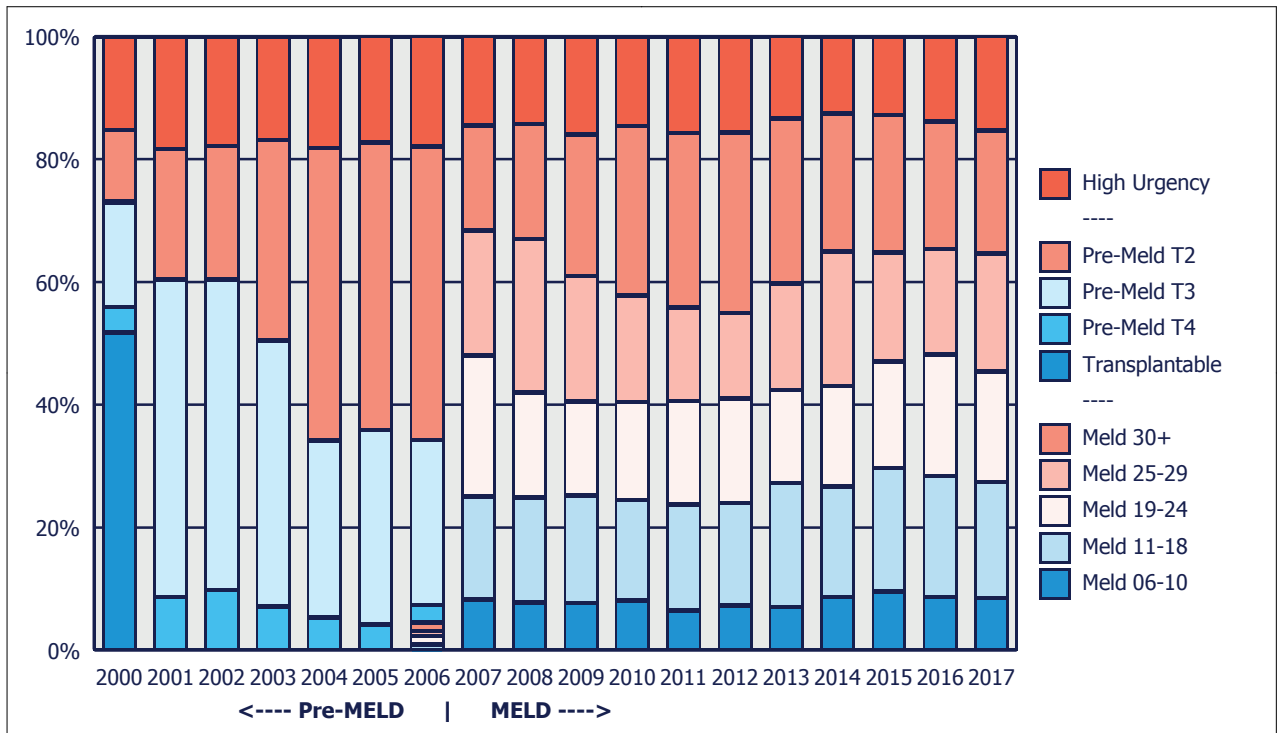


Figure 4.4 Percentage of deceased donor liver transplants, by recipient urgency at transplant



**Table 4.4(i) Liver transplants from 2013 to 2017 - characteristics**

### Deceased donor liver transplants

Type of transplant	2013	2014	2015	2016	2017	2016/2017
Split liver	92	106	70	80	93	16,3 %
Whole liver	1420	1492	1523	1479	1413	-4,5 %
Split liver + kidney	4	3	2	2	1	-50,0 %
Whole liver + kidney	39	38	30	41	45	9,8 %
Whole liver + heart	1	0	0	2	3	50,0 %
Whole liver + both lungs	1	2	9	3	3	0,0 %
Whole liver + pancreas	5	4	4	3	4	33,3 %
Whole liver + pancreas + kidney	0	1	0	0	0	0,0 %
<b>Total</b>	<b>1562</b>	<b>1646</b>	<b>1638</b>	<b>1610</b>	<b>1562</b>	<b>-3,0 %</b>

### Liver-only transplants (whole and split)

Blood group	2013	2014	2015	2016	2017	2016/2017
A	623	690	694	683	673	-1,5 %
AB	101	91	115	98	100	2,0 %
B	223	233	218	216	201	-6,9 %
O	565	584	566	562	532	-5,3 %
<b>Total</b>	<b>1512</b>	<b>1598</b>	<b>1593</b>	<b>1559</b>	<b>1506</b>	<b>-3,4 %</b>

Waiting time (months) based on date put on WL	2013	2014	2015	2016	2017	2016/2017
0-5	902	988	1013	1014	1014	0,0 %
6-11	292	298	283	255	262	2,7 %
12-23	199	205	182	173	134	-22,5 %
24-59	91	78	87	91	73	-19,8 %
60+	28	29	28	26	23	-11,5 %
<b>Total</b>	<b>1512</b>	<b>1598</b>	<b>1593</b>	<b>1559</b>	<b>1506</b>	<b>-3,4 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	1321	1397	1399	1375	1319	-4,1 %
Repeat	191	201	194	184	187	1,6 %
<b>Total</b>	<b>1512</b>	<b>1598</b>	<b>1593</b>	<b>1559</b>	<b>1506</b>	<b>-3,4 %</b>

Recipient age	2013	2014	2015	2016	2017	2016/2017
0-15	97	118	95	103	92	-10,7 %
16-55	696	733	723	675	649	-3,9 %
56-64	517	555	544	524	514	-1,9 %
65+	202	192	231	257	251	-2,3 %
<b>Total</b>	<b>1512</b>	<b>1598</b>	<b>1593</b>	<b>1559</b>	<b>1506</b>	<b>-3,4 %</b>

Allocation	2013	2014	2015	2016	2017	2016/2017
Standard	1231	1357	1293	1214	1215	0,1 %
Rescue	281	241	300	345	291	-15,7 %
<b>Total</b>	<b>1512</b>	<b>1598</b>	<b>1593</b>	<b>1559</b>	<b>1506</b>	<b>-3,4 %</b>

**Table 4.4(i) (continued)**

Urgency/MELD score	2013	2014	2015	2016	2017	2016/2017
Unknown	5	7	15	15	14	-6,7 %
06-10	103	131	133	119	114	-4,2 %
11-18	314	295	322	311	291	-6,4 %
19-24	226	258	277	309	268	-13,3 %
25-29	254	352	283	269	291	8,2 %
30+	401	350	353	316	289	-8,5 %
High urgency	209	205	210	220	239	8,6 %
<b>Total</b>	<b>1512</b>	<b>1598</b>	<b>1593</b>	<b>1559</b>	<b>1506</b>	<b>-3,4 %</b>

**Table 4.4(ii) Liver transplants in 2017 - characteristics**

### Deceased donor liver transplants

Type of transplant	A	B	D	H	HR	NL	SLO	Total	%
Split liver	4	9	73	0	2	5	0	93	6,0 %
Whole liver	148	239	666	71	112	154	23	1413	90,5 %
Split liver + kidney	0	0	1	0	0	0	0	1	0,1 %
Whole liver + kidney	6	16	16	3	3	1	0	45	2,9 %
Whole liver + heart	0	1	2	0	0	0	0	3	0,2 %
Whole liver + both lungs	0	2	1	0	0	0	0	3	0,2 %
Whole liver + pancreas	0	2	1	0	1	0	0	4	0,3 %
<b>Total</b>	<b>158</b>	<b>269</b>	<b>760</b>	<b>74</b>	<b>118</b>	<b>160</b>	<b>23</b>	<b>1562</b>	<b>100,0 %</b>

### Liver-only transplants (whole and split)

Blood group	A	B	D	H	HR	NL	SLO	Total	%
A	64	124	322	31	49	70	13	673	44,7 %
AB	12	10	55	6	8	7	2	100	6,6 %
B	23	16	111	13	20	16	2	201	13,3 %
O	53	98	251	21	37	66	6	532	35,3 %
<b>Total</b>	<b>152</b>	<b>248</b>	<b>739</b>	<b>71</b>	<b>114</b>	<b>159</b>	<b>23</b>	<b>1506</b>	<b>100,0 %</b>

Waiting time (months) based on date put on WL	A	B	D	H	HR	NL	SLO	Total	%
0-5	130	157	485	24	100	101	17	1014	67,3 %
6-11	18	65	123	18	5	31	2	262	17,4 %
12-23	2	20	70	21	4	13	4	134	8,9 %
24-59	1	6	45	8	2	11	0	73	4,8 %
60+	1	0	16	0	3	3	0	23	1,5 %
<b>Total</b>	<b>152</b>	<b>248</b>	<b>739</b>	<b>71</b>	<b>114</b>	<b>159</b>	<b>23</b>	<b>1506</b>	<b>100,0 %</b>

Sequence	A	B	D	H	HR	NL	SLO	Total	%
First	129	225	645	69	100	132	19	1319	87,6 %
Repeat	23	23	94	2	14	27	4	187	12,4 %
<b>Total</b>	<b>152</b>	<b>248</b>	<b>739</b>	<b>71</b>	<b>114</b>	<b>159</b>	<b>23</b>	<b>1506</b>	<b>100,0 %</b>

**Table 4.4(ii) (continued)**

Recipient age	A	B	D	H	HR	NL	SLO	Total	%
0-15	2	6	70	3	3	8	0	92	6,1 %
16-55	60	81	346	37	41	78	6	649	43,1 %
56-64	66	97	229	26	38	46	12	514	34,1 %
65+	24	64	94	5	32	27	5	251	16,7 %
<b>Total</b>	<b>152</b>	<b>248</b>	<b>739</b>	<b>71</b>	<b>114</b>	<b>159</b>	<b>23</b>	<b>1506</b>	<b>100,0 %</b>

Allocation	A	B	D	H	HR	NL	SLO	Total	%
Standard	139	230	499	71	111	143	22	1215	80,7 %
Rescue	13	18	240	0	3	16	1	291	19,3 %
<b>Total</b>	<b>152</b>	<b>248</b>	<b>739</b>	<b>71</b>	<b>114</b>	<b>159</b>	<b>23</b>	<b>1506</b>	<b>100,0 %</b>

MELD score	A	B	D	H	HR	NL	SLO	Total	%
Unknown	0	4	5	1	3	0	1	14	0,9 %
06-10	26	11	31	30	2	7	7	114	7,6 %
11-18	60	36	102	31	23	29	10	291	19,3 %
19-24	40	39	80	1	54	52	2	268	17,8 %
25-29	5	70	170	0	15	31	0	291	19,3 %
30+	4	62	194	3	6	20	0	289	19,2 %
High urgency	17	26	157	5	11	20	3	239	15,9 %
<b>Total</b>	<b>152</b>	<b>248</b>	<b>739</b>	<b>71</b>	<b>114</b>	<b>159</b>	<b>23</b>	<b>1506</b>	<b>100,0 %</b>

**Table 4.5(i) Living donor liver transplants from 2013 to 2017**

Liver-only	2013	2014	2015	2016	2017	2016/2017
Domino	3	6	4	15	5	-66,7 %
Related	117	96	79	98	92	-6,1 %
Non-related	13	10	8	9	15	66,7 %
<b>Total</b>	<b>133</b>	<b>112</b>	<b>91</b>	<b>122</b>	<b>112</b>	<b>-8,2 %</b>

Related	2013	2014	2015	2016	2017	2016/2017
Brother / sister	12	5	4	8	3	-62,5 %
Father	35	32	26	29	30	3,4 %
Mother	46	41	32	36	39	8,3 %
Son / daughter	12	5	7	11	10	-9,1 %
Grandfather / -mother	5	2	1	1	2	100,0 %
Uncle / aunt	6	9	6	7	6	-14,3 %
Nephew / niece	1	0	0	1	0	-100,0 %
Cousin	0	1	3	4	1	-75,0 %
Blood related : NOS*	0	1	0	1	1	0,0 %
<b>Total</b>	<b>117</b>	<b>96</b>	<b>79</b>	<b>98</b>	<b>92</b>	<b>-6,1 %</b>

Non-related	2013	2014	2015	2016	2017	2016/2017
Spouse / partner	7	6	4	3	6	100,0 %
Not blood related family	5	4	1	0	2	--
Friend	1	0	2	1	3	200,0 %
Not blood related: NOS*	0	0	1	5	4	-20,0 %
<b>Total</b>	<b>13</b>	<b>10</b>	<b>8</b>	<b>9</b>	<b>15</b>	<b>66,7 %</b>

\*NOS Not otherwise specified

**Table 4.5(ii) Living donor liver transplants in 2017**

Liver-only	A	B	D	HR	NL	Total	%
Domino	0	3	2	0	0	5	4,5 %
Related	3	32	51	1	5	92	82,1 %
Non-related	0	1	10	0	4	15	13,4 %
<b>Total</b>	<b>3</b>	<b>36</b>	<b>63</b>	<b>1</b>	<b>9</b>	<b>112</b>	<b>100,0 %</b>

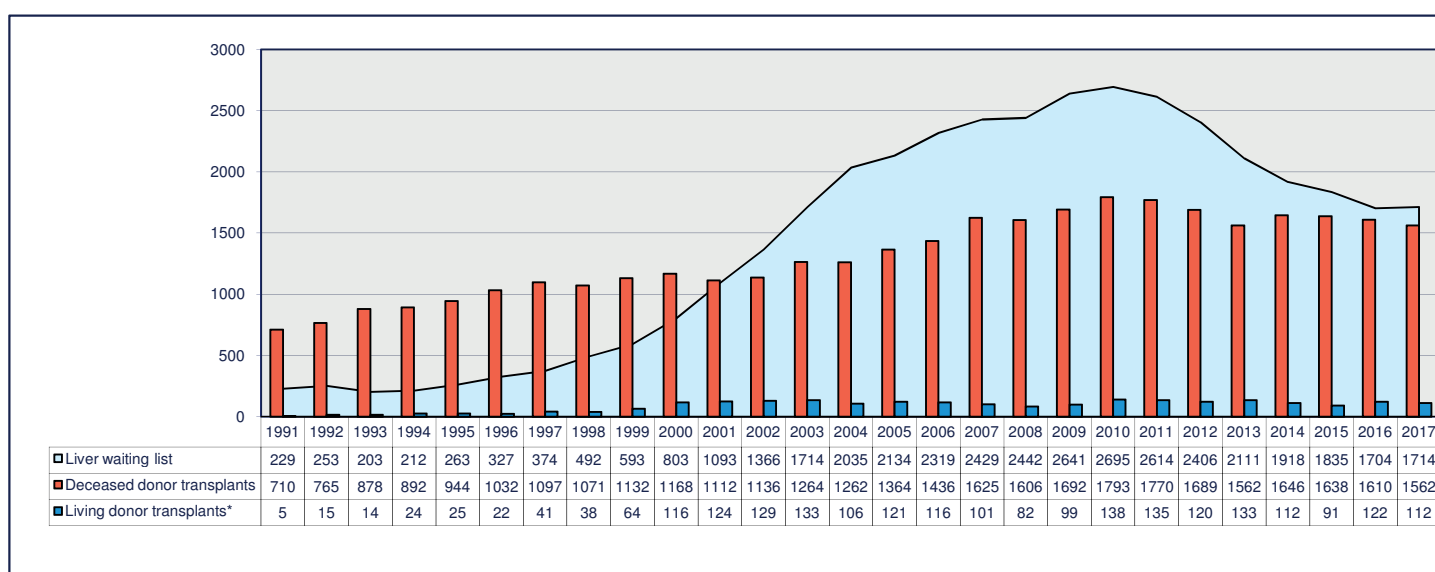
Related	A	B	D	HR	NL	Total	%
Brother / sister	0	0	3	0	0	3	3,3 %
Father	0	16	12	0	2	30	32,6 %
Mother	2	11	24	0	2	39	42,4 %
Son / daughter	0	0	9	1	0	10	10,9 %
Grandfather / - mother	1	0	1	0	0	2	2,2 %
Uncle / aunt	0	4	1	0	1	6	6,5 %
Cousin	0	1	0	0	0	1	1,1 %
Blood related: NOS*	0	0	1	0	0	1	1,1 %
<b>Total</b>	<b>3</b>	<b>32</b>	<b>51</b>	<b>1</b>	<b>5</b>	<b>92</b>	<b>100,0 %</b>

Non-related	A	B	D	HR	NL	Total	%
Spouse / partner	0	0	6	0	0	6	40,0 %
Not blood related family	0	1	1	0	0	2	13,3 %
Friend	0	0	3	0	0	3	20,0 %
Not blood related: NOS*	0	0	0	0	4	4	26,7 %
<b>Total</b>	<b>0</b>	<b>1</b>	<b>10</b>	<b>0</b>	<b>4</b>	<b>15</b>	<b>100,0 %</b>

\*NOS Not otherwise specified

**Figure 4.5 Dynamics of the Eurotransplant liver waiting list and liver transplants between 1991 and 2017**



## Intestine 2017

### DONATION

**Table 4.6 Deceased donors / intestine in Eurotransplant in 2017**

Donors	A	B	D	H	HR	L	NL	SLO	Total ET	Non-ET	Total
All donors reported	224	380	821	165	142	10	322	44	2108	138	2246
Non-intestine donors	203	351	701	160	140	10	295	43	1903	130	2033
Intestine donors reported	21	29	120	5	2	0	27	1	205	8	213
Intestine donors used	0	5	1	0	0	0	0	0	6	0	6

Donor blood group	Donor age in years		Donor weight in kg	
A	3	<6	0	<11
B	0	6-10	0	11-20
AB	0	11-20	2	21-30
O	3	21-30	2	31-40
<b>Total</b>	<b>6</b>	31-40	1	41-50
		41-50	1	51-60
		>50	0	61-70
		<b>Total</b>	<b>6</b>	71-80
				>80
				<b>Total</b>
				<b>6</b>

### WAITING LIST

**Table 4.7 Intestine waiting list in 2017**

Waiting list at year end in 2016	A	B	D	HR	NL	Total	Active	NT	Total
Intestine-only	1	1	7	0	1	10	5	5	10
Combined transplants including intestine	0	2	8	1	0	11	7	4	11
<b>Total</b>	<b>1</b>	<b>3</b>	<b>15</b>	<b>1</b>	<b>1</b>	<b>21</b>	<b>12</b>	<b>9</b>	<b>21</b>

Waiting list at year end in 2017	A	B	D	HR	NL	Total	Active	NT	Total
Intestine-only	1	0	6	0	2	9	3	6	9
Combined transplants including intestine	0	5	10	1	0	16	11	5	16
<b>Total</b>	<b>1</b>	<b>5</b>	<b>16</b>	<b>1</b>	<b>2</b>	<b>25</b>	<b>14</b>	<b>11</b>	<b>25</b>

Registrations on the waiting list in 2017	Active	NT	Total
Intestine-only	6	1	7
Combined transplants including intestine	4	3	7
<b>Total</b>	<b>10</b>	<b>4</b>	<b>14</b>

Removals from the waiting list in 2017	
Deceased	2
Transplanted	6
Removed unfit	1
Removed recovered	1
<b>Total</b>	<b>10</b>

## TRANSPLANTATION

**Table 4.8 Intestine transplants in 2017**

Intestine transplants in 2017	
Belgium BLMTP – Leuven	3
Germany GBCTP – Berlin	2
Germany GTUTP – Tübingen	1
<b>Total</b>	<b>6</b>

Intestine transplants in Eurotransplant	2013	2014	2015	2016	2017
Austria	0	0	0	1	0
Belgium	0	4	0	0	3
Germany	5	6	1	4	3
Netherlands	0	0	3	0	0
<b>Total</b>	<b>5</b>	<b>10</b>	<b>4</b>	<b>5</b>	<b>6</b>

Intestine transplants in Eurotransplant	2013	2014	2015	2016	2017
Intestine-only	3	5	3	3	3
Combined transplants including intestine	2	5	1	2	3
<b>Total</b>	<b>5</b>	<b>10</b>	<b>4</b>	<b>5</b>	<b>6</b>

Note: Combined transplants including intestine are included in the respective organ chapters (but without intestine being specified). Intestine-only transplants are not included in chapter 4.



## Waiting List

Figure 5.1 Pancreas waiting list, number of patients at year end, by urgency

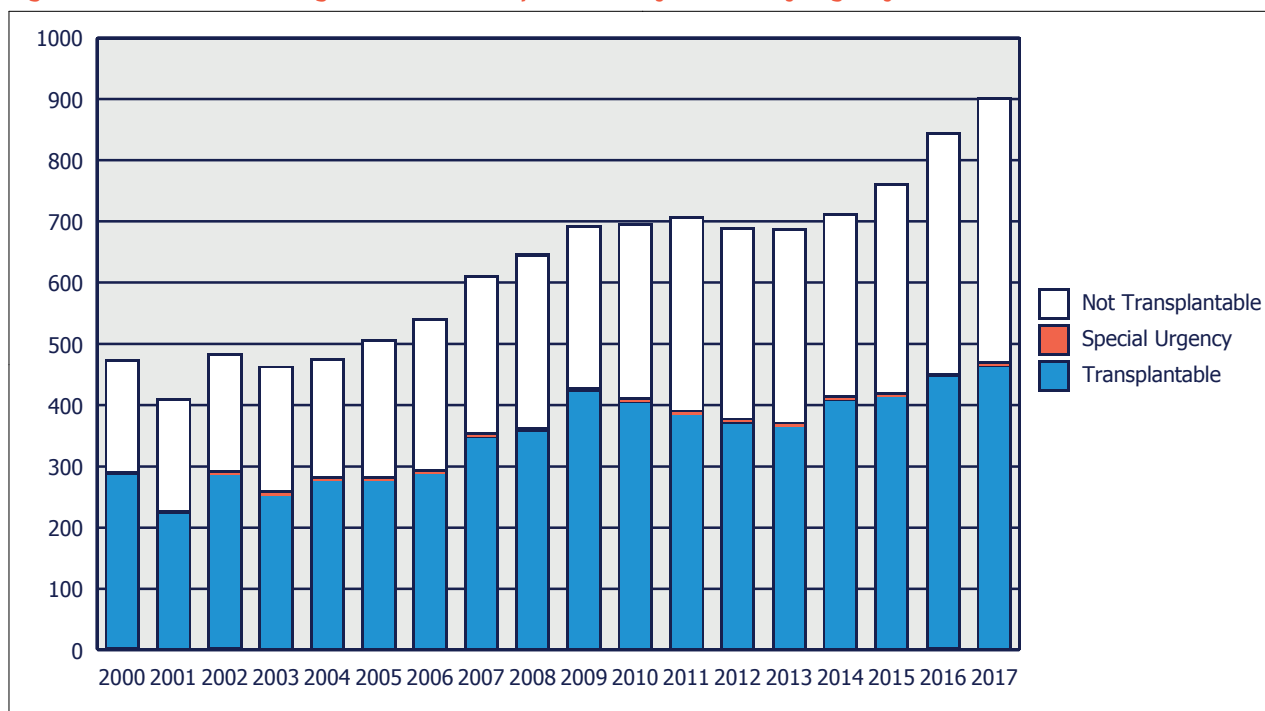
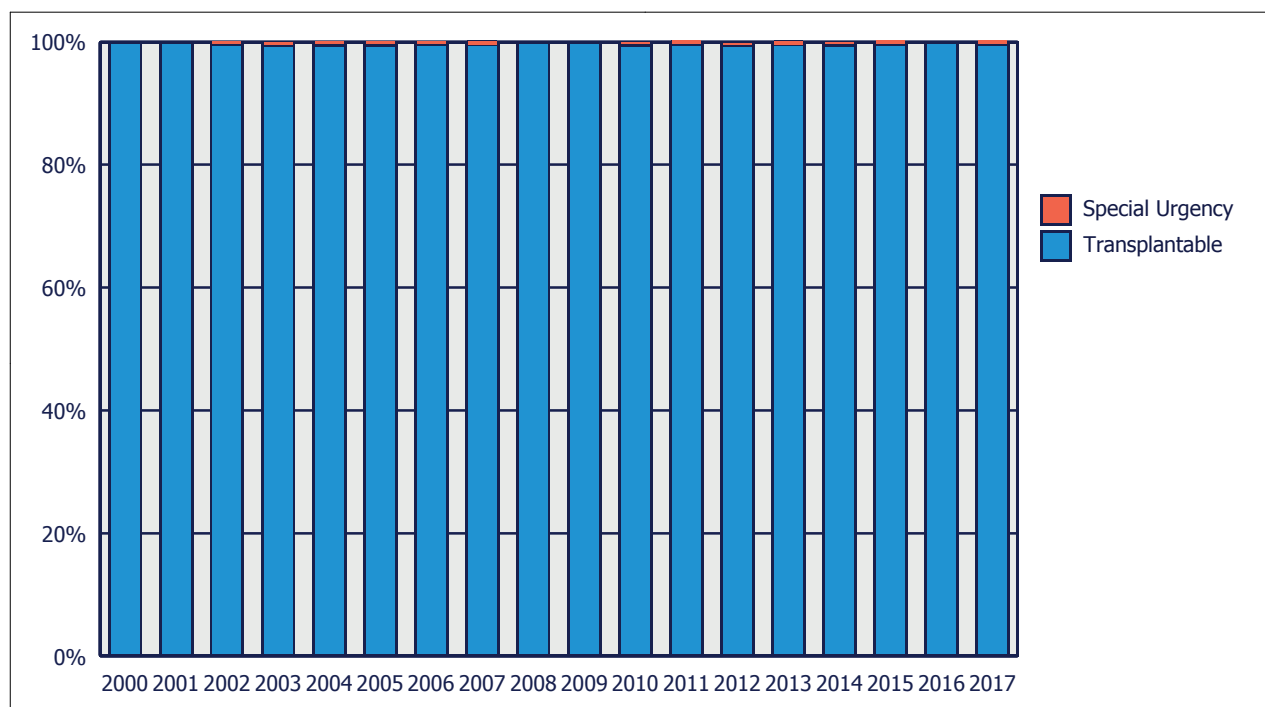


Figure 5.2 Pancreas waiting list, percentage of patients at year end, by urgency



**Table 5.2(i) Active pancreas transplant waiting list at year end, from 2013 to 2017**

Type of transplant	2013	2014	2015	2016	2017	2016/2017
Pancreas	40	44	52	51	53	3,9 %
Pancreas islets	35	43	40	45	49	8,9 %
Pancreas islets + kidney	2	1	0	0	0	0,0 %
Pancreas + kidney	285	321	320	347	354	2,0 %
Pancreas + kidney + liver	1	1	1	1	2	100,0 %
Pancreas + liver	6	3	5	5	10	100,0 %
<b>Total</b>	<b>369</b>	<b>413</b>	<b>418</b>	<b>449</b>	<b>468</b>	<b>4,2 %</b>

**Table 5.2(ii) Active pancreas transplant waiting list at year end, in 2017**

Type of transplant	A	B	D	H	HR	NL	SLO	Total	%
Pancreas	2	7	30	2	0	12	0	53	11,3 %
Pancreatic islets	0	24	10	0	0	15	0	49	10,5 %
Pancreas + kidney	8	25	260	29	11	19	2	354	75,6 %
Pancreas + kidney + liver	0	1	1	0	0	0	0	2	0,4 %
Pancreas + liver	0	4	5	0	0	1	0	10	2,1 %
<b>Total</b>	<b>10</b>	<b>61</b>	<b>306</b>	<b>31</b>	<b>11</b>	<b>47</b>	<b>2</b>	<b>468</b>	<b>100,0 %</b>

**Table 5.3a(i) Active pancreas-only transplant waiting list at year end, from 2013 to 2017 - characteristics**

Blood group	2013	2014	2015	2016	2017	2016/2017
A	19	25	30	34	44	29,4 %
AB	0	1	2	2	1	-50,0 %
B	14	16	15	10	13	30,0 %
O	42	45	45	50	44	-12,0 %
<b>Total</b>	<b>75</b>	<b>87</b>	<b>92</b>	<b>96</b>	<b>102</b>	<b>6,3 %</b>

% PRA current	2013	2014	2015	2016	2017	2016/2017
0-5 %	58	72	75	78	87	11,5 %
6-84 %	10	7	10	9	11	22,2 %
85-100 %	1	3	1	1	0	-100,0 %
Not reported	6	5	6	8	4	-50,0 %
<b>Total</b>	<b>75</b>	<b>87</b>	<b>92</b>	<b>96</b>	<b>102</b>	<b>6,3 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	40	56	69	64	64	0,0 %
Repeat	35	31	23	32	38	18,8 %
<b>Total</b>	<b>75</b>	<b>87</b>	<b>92</b>	<b>96</b>	<b>102</b>	<b>6,3 %</b>

Waiting time (months) based on date put on WL	2013	2014	2015	2016	2017	2016/2017
0-5	10	19	14	13	11	-15,4 %
6-11	16	13	15	10	15	50,0 %
12-23	11	21	22	23	27	17,4 %
24+	38	34	41	50	49	-2,0 %
<b>Total</b>	<b>75</b>	<b>87</b>	<b>92</b>	<b>96</b>	<b>102</b>	<b>6,3 %</b>

**Table 5.3a(i) (continued)**

Age	2013	2014	2015	2016	2017	2016/2017
16-55	61	63	67	68	72	5,9 %
56-64	11	17	18	19	20	5,3 %
65+	3	7	7	9	10	11,1 %
<b>Total</b>	<b>75</b>	<b>87</b>	<b>92</b>	<b>96</b>	<b>102</b>	<b>6,3 %</b>

**Table 5.3a(ii) Active pancreas-only transplant waiting list at year end, in 2017 - characteristics**

Blood group	A	B	D	H	HR	NL	SLO	Total	%
A	1	15	11	1	0	16	0	44	43,1 %
AB	0	0	1	0	0	0	0	1	1,0 %
B	0	4	8	0	0	1	0	13	12,7 %
O	1	12	20	1	0	10	0	44	43,1 %
<b>Total</b>	<b>2</b>	<b>31</b>	<b>40</b>	<b>2</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>102</b>	<b>100,0 %</b>

% PRA current	A	B	D	H	HR	NL	SLO	Total	%
0-5 %	2	25	34	2	0	24	0	87	85,3 %
6-84 %	0	2	6	0	0	3	0	11	10,8 %
Not reported	0	4	0	0	0	0	0	4	3,9 %
<b>Total</b>	<b>2</b>	<b>31</b>	<b>40</b>	<b>2</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>102</b>	<b>100,0 %</b>

Sequence	A	B	D	H	HR	NL	SLO	Total	%
First	2	18	23	2	0	19	0	64	62,7 %
Repeat	0	13	17	0	0	8	0	38	37,3 %
<b>Total</b>	<b>2</b>	<b>31</b>	<b>40</b>	<b>2</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>102</b>	<b>100,0 %</b>

Waiting time (months) based on date put on WL	A	B	D	H	HR	NL	SLO	Total	%
0-5	0	4	7	0	0	0	0	11	10,8 %
6-11	1	4	3	0	0	7	0	15	14,7 %
12-23	1	4	13	0	0	9	0	27	26,5 %
24+	0	19	17	2	0	11	0	49	48,0 %
<b>Total</b>	<b>2</b>	<b>31</b>	<b>40</b>	<b>2</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>102</b>	<b>100,0 %</b>

Age	A	B	D	H	HR	NL	SLO	Total	%
16-55	2	18	33	2	0	17	0	72	70,6 %
56-64	0	7	6	0	0	7	0	20	19,6 %
65+	0	6	1	0	0	3	0	10	9,8 %
<b>Total</b>	<b>2</b>	<b>31</b>	<b>40</b>	<b>2</b>	<b>0</b>	<b>27</b>	<b>0</b>	<b>102</b>	<b>100,0 %</b>

**Table 5.3b(i) Active pancreas + kidney transplant waiting list at year end, from 2013 to 2017 - characteristics**

Blood group	2013	2014	2015	2016	2017	2016/2017
A	116	126	131	143	143	0,0 %
AB	5	6	10	15	10	-33,3 %
B	50	52	48	48	64	33,3 %
O	117	139	132	142	139	-2,1 %
<b>Total</b>	<b>288</b>	<b>323</b>	<b>321</b>	<b>348</b>	<b>356</b>	<b>2,3 %</b>

% PRA current	2013	2014	2015	2016	2017	2016/2017
0-5 %	244	278	281	310	309	-0,3 %
6-84 %	31	35	26	27	35	29,6 %
85-100 %	9	8	10	10	10	0,0 %
Not reported	4	2	4	1	2	100,0 %
<b>Total</b>	<b>288</b>	<b>323</b>	<b>321</b>	<b>348</b>	<b>356</b>	<b>2,3 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	261	294	304	333	340	2,1 %
Repeat	27	29	17	15	16	6,7 %
<b>Total</b>	<b>288</b>	<b>323</b>	<b>321</b>	<b>348</b>	<b>356</b>	<b>2,3 %</b>

Waiting time (months) based on date put on WL	2013	2014	2015	2016	2017	2016/2017
0-5	68	72	67	60	69	15,0 %
6-11	70	91	76	95	59	-37,9 %
12-23	81	92	102	113	109	-3,5 %
24+	69	68	76	80	119	48,8 %
<b>Total</b>	<b>288</b>	<b>323</b>	<b>321</b>	<b>348</b>	<b>356</b>	<b>2,3 %</b>

Age	2013	2014	2015	2016	2017	2016/2017
0-15	1	1	1	1	1	0,0 %
16-55	263	298	293	319	321	0,6 %
55-64	23	23	27	27	33	22,2 %
65+	1	1	0	1	1	0,0 %
<b>Total</b>	<b>288</b>	<b>323</b>	<b>321</b>	<b>348</b>	<b>356</b>	<b>2,3 %</b>

**Table 5.3b(ii) Active kidney + pancreas transplant waiting list at year end, in 2017 - characteristics**

	A	B	D	H	HR	NL	SLO	Total	%
A	4	7	106	8	8	10	0	143	40,2 %
AB	0	2	6	2	0	0	0	10	2,8 %
B	2	4	50	6	0	2	0	64	18,0 %
O	2	13	99	13	3	7	2	139	39,0 %
<b>Total</b>	<b>8</b>	<b>26</b>	<b>261</b>	<b>29</b>	<b>11</b>	<b>19</b>	<b>2</b>	<b>356</b>	<b>100,0 %</b>
<b>% PRA current</b>	A	B	D	H	HR	NL	SLO	Total	%
0-5 %	6	21	225	28	8	19	2	309	86,8 %
6-84 %	1	3	27	1	3	0	0	35	9,8 %
85-100 %	0	1	9	0	0	0	0	10	2,8 %
Not reported	1	1	0	0	0	0	0	2	0,6 %
<b>Total</b>	<b>8</b>	<b>26</b>	<b>261</b>	<b>29</b>	<b>11</b>	<b>19</b>	<b>2</b>	<b>356</b>	<b>100,0 %</b>
<b>Sequence</b>	A	B	D	H	HR	NL	SLO	Total	%
First	7	26	247	29	11	18	2	340	95,5 %
Repeat	1	0	14	0	0	1	0	16	4,5 %
<b>Total</b>	<b>8</b>	<b>26</b>	<b>261</b>	<b>29</b>	<b>11</b>	<b>19</b>	<b>2</b>	<b>356</b>	<b>100,0 %</b>
<b>Waiting time (months) based on date put on WL</b>	A	B	D	H	HR	NL	SLO	Total	%
0-5	4	8	43	5	4	5	0	69	19,4 %
6-11	2	3	40	6	4	4	0	59	16,6 %
12-23	0	6	82	12	1	7	1	109	30,6 %
24+	2	9	96	6	2	3	1	119	33,4 %
<b>Total</b>	<b>8</b>	<b>26</b>	<b>261</b>	<b>29</b>	<b>11</b>	<b>19</b>	<b>2</b>	<b>356</b>	<b>100,0 %</b>
<b>Age</b>	A	B	D	H	HR	NL	SLO	Total	%
0-15	0	0	1	0	0	0	0	1	0,3 %
16-55	8	25	229	28	11	18	2	321	90,2 %
55-64	0	1	30	1	0	1	0	33	9,3 %
65+	0	0	1	0	0	0	0	1	0,3 %
<b>Total</b>	<b>8</b>	<b>26</b>	<b>261</b>	<b>29</b>	<b>11</b>	<b>19</b>	<b>2</b>	<b>356</b>	<b>100,0 %</b>

## TRANSPLANTATION

Figure 5.3 Number of deceased donor pancreas transplants, by recipient urgency at transplant

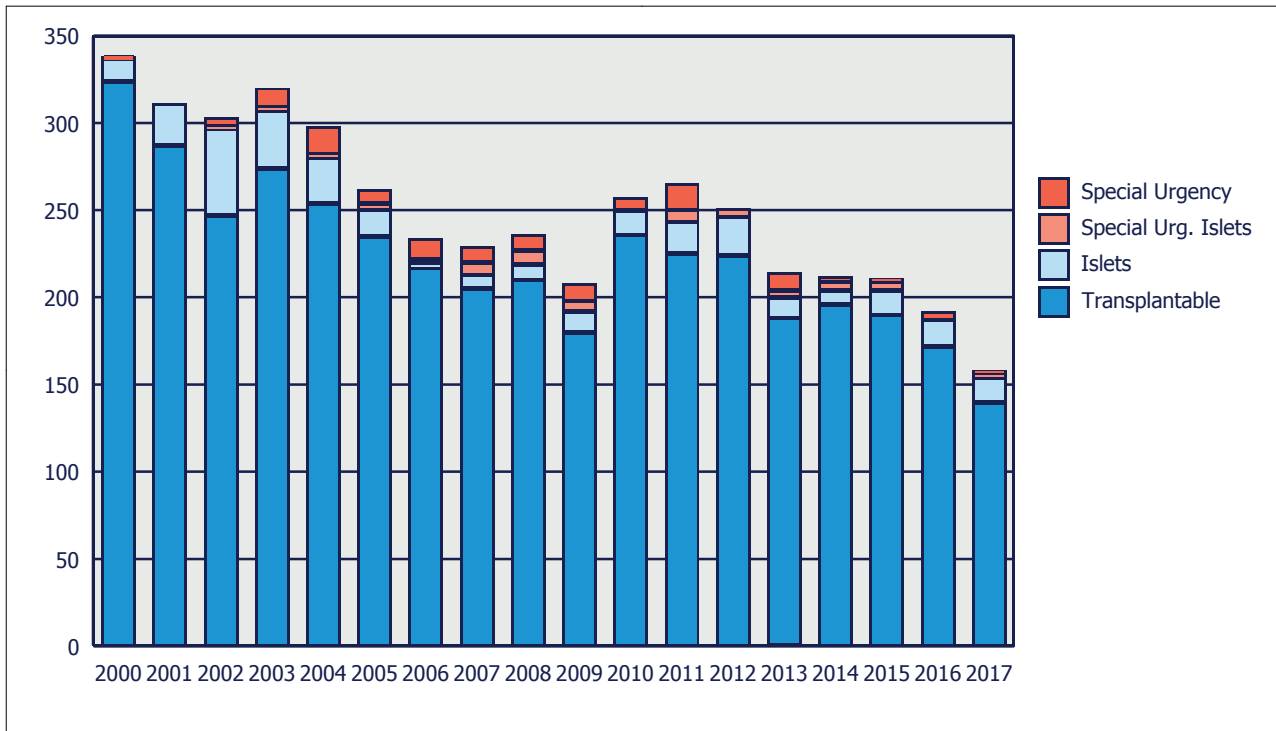
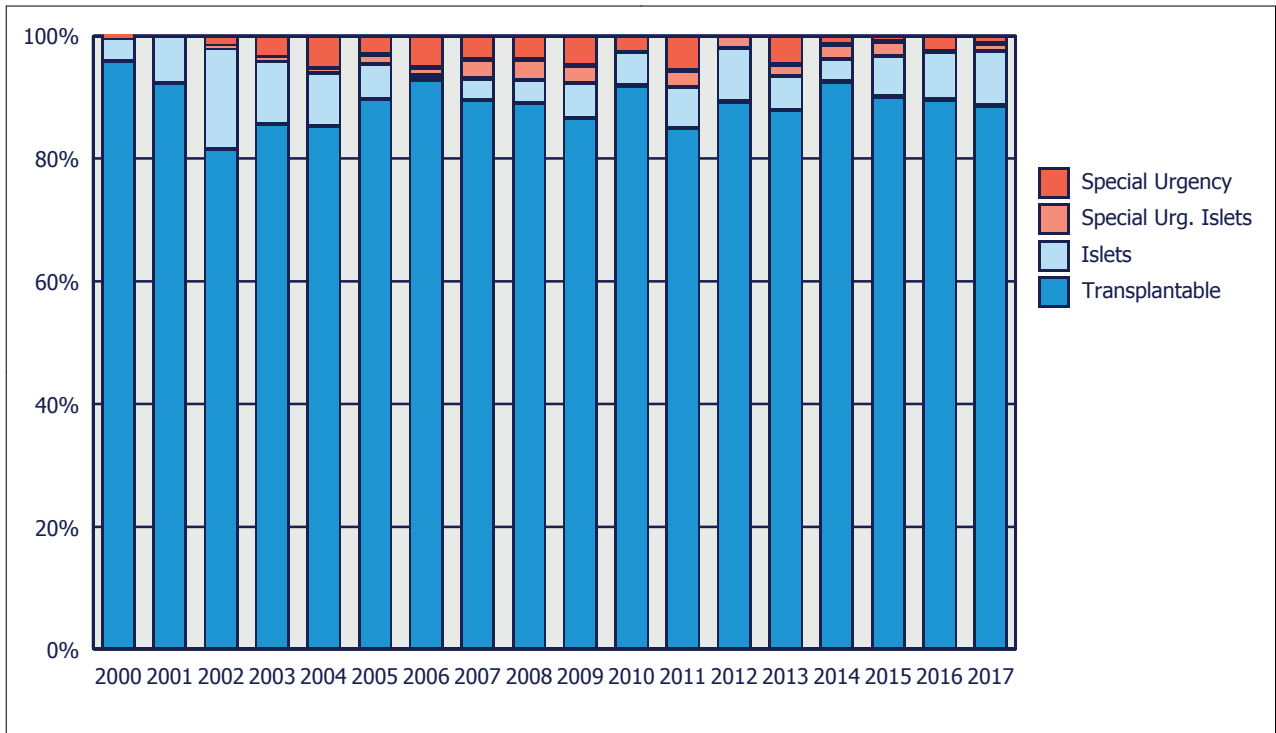


Figure 5.4 Percentage of deceased donor pancreas transplants, by recipient urgency at transplant



**Table 5.4a(i) Pancreas transplants, from 2013 to 2017 - characteristics**

### Deceased donor pancreas transplants

Type of transplant	2013	2014	2015	2016	2017	2016/2017
Pancreas	28	19	13	17	8	-52,9 %
Pancreas islets	16	13	19	15	16	6,7 %
Pancreas + kidney	164	175	175	156	130	-16,7 %
Pancreas + kidney en bloc	1	0	0	1	0	-100,0 %
Pancreas + kidney + whole liver	0	1	0	0	0	0,0 %
Pancreas + whole liver	5	4	4	3	4	33,3 %
<b>Total</b>	<b>214</b>	<b>212</b>	<b>211</b>	<b>192</b>	<b>158</b>	<b>-17,7 %</b>

### Pancreas-only transplants (whole)

Blood group	2013	2014	2015	2016	2017	2016/2017
A	9	5	7	6	3	-50,0 %
AB	1	0	1	0	0	0,0 %
B	5	4	0	4	0	-100,0 %
O	13	10	5	7	5	-28,6 %
<b>Total</b>	<b>28</b>	<b>19</b>	<b>13</b>	<b>17</b>	<b>8</b>	<b>-52,9 %</b>

Waiting time (months) based on date put on WL	2013	2014	2015	2016	2017	2016/2017
0-5	6	2	4	2	0	-100,0 %
6-11	7	2	2	1	1	0,0 %
12-23	9	6	3	5	1	-80,0 %
24-59	6	7	4	9	4	-55,6 %
60 +	0	2	0	0	2	--
<b>Total</b>	<b>28</b>	<b>19</b>	<b>13</b>	<b>17</b>	<b>8</b>	<b>-52,9 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	12	4	8	9	6	-33,3 %
Repeat	16	15	5	8	2	-75,0 %
<b>Total</b>	<b>28</b>	<b>19</b>	<b>13</b>	<b>17</b>	<b>8</b>	<b>-52,9 %</b>

Recipient age	2013	2014	2015	2016	2017	2016/2017
16-55	28	18	12	16	8	-50,0 %
56-64	0	1	1	1	0	-100,0 %
<b>Total</b>	<b>28</b>	<b>19</b>	<b>13</b>	<b>17</b>	<b>8</b>	<b>-52,9 %</b>

Allocation	2013	2014	2015	2016	2017	2016/2017
Standard	20	11	11	16	7	-56,3 %
Rescue	8	8	2	1	1	0,0 %
<b>Total</b>	<b>28</b>	<b>19</b>	<b>13</b>	<b>17</b>	<b>8</b>	<b>-52,9 %</b>

Urgency	2013	2014	2015	2016	2017	2016/2017
Special urgency	6	2	1	4	1	-75,0 %
Elective	22	17	12	13	7	-46,2 %
<b>Total</b>	<b>28</b>	<b>19</b>	<b>13</b>	<b>17</b>	<b>8</b>	<b>-52,9 %</b>

**Table 5.4a(ii) Pancreas transplants, in 2017 - characteristics**

### Deceased donor pancreas transplants

Type of transplant	A	B	D	H	HR	NL	Total	%
Pancreas	0	3	2	0	0	3	8	5,1 %
Pancreas islets	0	8	0	0	0	8	16	10,1 %
Pancreas + kidney	20	9	69	6	4	22	130	82,3 %
Pancreas + whole liver	0	2	1	0	1	0	4	2,5 %
<b>Total</b>	<b>20</b>	<b>22</b>	<b>72</b>	<b>6</b>	<b>5</b>	<b>33</b>	<b>158</b>	<b>100,0 %</b>

### Pancreas-only transplants (whole)

Blood group	B	D	NL	Total	%
A	1	1	1	3	37,5 %
O	2	1	2	5	62,5 %
<b>Total</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>100,0 %</b>

Waiting time (months) based on date put on WL	B	D	NL	Total	%
6-11	0	0	1	1	12,5 %
12-23	0	1	0	1	12,5 %
24-59	1	1	2	4	50,0 %
60 +	2	0	0	2	25,0 %
<b>Total</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>100,0 %</b>

Sequence	B	D	NL	Total	%
First	3	1	2	6	75,0 %
Repeat	0	1	1	2	25,0 %
<b>Total</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>100,0 %</b>

Recipient age	B	D	NL	Total	%
16-55	3	2	3	8	100,0 %
Total	3	2	3	8	100,0 %
<b>Total</b>	<b>2</b>	<b>10</b>	<b>5</b>	<b>17</b>	<b>100,0 %</b>

Allocation	B	D	NL	Total	%
Standard	3	1	3	7	87,5 %
Rescue	0	1	0	1	12,5 %
<b>Total</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>100,0 %</b>

Urgency	B	D	NL	Total	%
Special urgency	0	0	1	1	12,5 %
Elective	3	2	2	7	87,5 %
<b>Total</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>8</b>	<b>100,0 %</b>



**Table 5.4b(i) Pancreas islet transplants, from 2013 to 2017**

Pancreas islets	2013	2014	2015	2016	2017	2016/2017
Recipients transplanted	11	10	13	8	12	50,0 %
Number of transplants	16	13	19	15	16	6,7 %
Number of donors used	31	31	67	36	25	-30,6 %

**Table 5.4b(ii) Pancreas islet transplants, in 2017**

Pancreas islets	B	NL	Total
Recipients transplanted	4	8	12
Number of transplants	8	8	16
Number of donors used	17	8	25

**Table 5.4c(i) Pancreas + kidney transplants, from 2013 to 2017 - characteristics****Whole pancreas + kidney (deceased donor) transplants**

Blood group	2013	2014	2015	2016	2017	2016/2017
A	69	85	74	65	56	-13,8 %
AB	9	6	12	9	9	0,0 %
B	24	22	25	21	15	-28,6 %
O	63	62	64	62	50	-19,4 %
<b>Total</b>	<b>165</b>	<b>175</b>	<b>175</b>	<b>157</b>	<b>130</b>	<b>-17,2 %</b>

Waiting time (months) based on date put on WL	2013	2014	2015	2016	2017	2016/2017
0-5	28	22	29	25	22	-12,0 %
6-11	19	27	34	24	13	-45,8 %
12-23	64	63	59	46	41	-10,9 %
24-59	52	60	48	58	47	-19,0 %
60+	2	3	5	4	7	75,0 %
<b>Total</b>	<b>165</b>	<b>175</b>	<b>175</b>	<b>157</b>	<b>130</b>	<b>-17,2 %</b>

Sequence	2013	2014	2015	2016	2017	2016/2017
First	159	168	170	150	122	-18,7 %
Repeat	6	7	5	7	8	14,3 %
<b>Total</b>	<b>165</b>	<b>175</b>	<b>175</b>	<b>157</b>	<b>130</b>	<b>-17,2 %</b>

Recipient age	2013	2014	2015	2016	2017	2016/2017
16-55	146	160	162	140	118	-15,7 %
56-64	17	15	11	17	12	-29,4 %
65+	2	0	2	0	0	0,0 %
<b>Total</b>	<b>165</b>	<b>175</b>	<b>175</b>	<b>157</b>	<b>130</b>	<b>-17,2 %</b>

Allocation	2013	2014	2015	2016	2017	2016/2017
Standard	118	130	122	117	89	-23,9 %
Rescue	47	45	53	40	41	2,5 %
<b>Total</b>	<b>165</b>	<b>175</b>	<b>175</b>	<b>157</b>	<b>130</b>	<b>-17,2 %</b>

**Table 5.4c(i) continued**

Urgency	2013	2014	2015	2016	2017	2016/2017
Special urgency	4	1	1	1	1	0,0 %
Elective	161	174	174	156	129	-17,3 %
<b>Total</b>	<b>165</b>	<b>175</b>	<b>175</b>	<b>157</b>	<b>130</b>	<b>-17,2 %</b>

**Table 5.4c(ii) Pancreas + kidney transplants, in 2017 - characteristics**

**Whole pancreas + kidney (deceased donor) transplants**

Blood group	A	B	D	H	HR	NL	Total	%
A	5	6	30	1	3	11	56	43,1 %
AB	2	0	5	1	0	1	9	6,9 %
B	5	0	6	3	0	1	15	11,5 %
O	8	3	28	1	1	9	50	38,5 %
<b>Total</b>	<b>20</b>	<b>9</b>	<b>69</b>	<b>6</b>	<b>4</b>	<b>22</b>	<b>130</b>	<b>100,0 %</b>

Waiting time (months) based on date put on WL	A	B	D	H	HR	NL	Total	%
0-5	14	0	7	1	0	0	22	16,9 %
6-11	3	0	7	1	1	1	13	10,0 %
12-23	0	1	21	4	3	12	41	31,5 %
24-59	1	7	32	0	0	7	47	36,2 %
60+	2	1	2	0	0	2	7	5,4 %
<b>Total</b>	<b>20</b>	<b>9</b>	<b>69</b>	<b>6</b>	<b>4</b>	<b>22</b>	<b>130</b>	<b>100,0 %</b>

Sequence	A	B	D	H	HR	NL	Total	%
first	13	9	68	6	4	22	122	93,8 %
repeat	7	0	1	0	0	0	8	6,2 %
<b>Total</b>	<b>20</b>	<b>9</b>	<b>69</b>	<b>6</b>	<b>4</b>	<b>22</b>	<b>130</b>	<b>100,0 %</b>

Recipient age	A	B	D	H	HR	NL	Total	%
16-55	18	8	61	6	4	21	118	90,8 %
56-64	2	1	8	0	0	1	12	9,2 %
65+	0	0	0	0	0	0	0	0,0 %
<b>Total</b>	<b>20</b>	<b>9</b>	<b>69</b>	<b>6</b>	<b>4</b>	<b>22</b>	<b>130</b>	<b>100,0 %</b>

Allocation	A	B	D	H	HR	NL	Total	%
Standard	18	9	30	6	4	22	89	68,5 %
Rescue	2	0	39	0	0	0	41	31,5 %
<b>Total</b>	<b>20</b>	<b>9</b>	<b>69</b>	<b>6</b>	<b>4</b>	<b>22</b>	<b>130</b>	<b>100,0 %</b>

Urgency	A	B	D	H	HR	NL	Total	%
Special urgency	0	0	1	0	0	0	1	0,8 %
Elective	20	9	68	6	4	22	129	99,2 %
<b>Total</b>	<b>20</b>	<b>9</b>	<b>69</b>	<b>6</b>	<b>4</b>	<b>22</b>	<b>130</b>	<b>100,0 %</b>

**Figure 5.5 Dynamics of the Eurotransplant pancreas+kidney and islet+kidney waiting list, pancreas+kidney, islet+kidney, pancreas and islet-only transplants between 1991 and 2017**

