

Transplantation and donation figures 2023														Version: January 29th 2024	
				Denmark					Sweden	Norway	Finland	Iceland	Estonia	Scandiatransplant	
<b>Population</b>	1959107	1238591	2875857	6073555					10558012	5533582	5603075	396960	1365884	29531068	
<b>Transplant center</b>	Aarhus	Odense	København		Skåne	Göteborg	Uppsala	Stockholm		Oslo	Helsinki	Reykjavik	Tartu		
<b>Stand down donors - DCD</b>	0	0	0	0	1	9	1	1	12	4	2	0	0	18	
<b>Actual deceased donors - DBD</b>	38	32	42	112	22	85	44	44	195	103	133	10	30	583	
<b>Actual deceased donors - DCD</b>	0	1	0	1	11	17	16	28	72	19	22			114	
<b>Utilized deceased donors - DBD</b>	36	32	42	110	21	82	43	44	190	101	128	10	30	569	
<b>PMP - DBD</b>				18,11					18,00	18,25	22,84	25,19	21,96	19,27	
<b>Utilized deceased donors - DCD</b>	0	1	0	1	11	17	15	25	68	18	22			109	
<b>PMP - DCD</b>				0,16					6,44	3,25	3,93	0,00	0,00	3,69	
<b>Total Utilized deceased donors</b>	36	33	42	111	32	99	58	69	258	119	150	10	30	678	
<b>PMP</b>	18,38	26,64	14,60	18,28					24,44	21,51	26,77	25,19	21,96	22,96	
<b>Deceased donor Kidney</b>	73	54	82	209	54	155	98	116	423	194	276	8	46	1156	
<b>PMP</b>				34,41					40,06	35,06	49,26	20,15	33,68	39,15	
<b>Living donor Kidney</b>	39	22	28	89	14	27	28	31	100	43	45	2	5	284	
<b>PMP</b>				14,65					9,47	7,77	8,03	5,04	3,66	9,62	
<b>Total Kidney</b>	112	76	110	298	68	182	126	147	523	237	321	10	51	1440	
<b>PMP</b>				49,07					49,54	42,83	57,29	25,19	37,34	48,76	
<b>Deceased donor Liver</b>			63	63		101		97	198	91	78		17	447	
<b>PMP</b>				10,37					18,75	16,45	13,92		12,45	15,14	
<b>Living donor Liver</b>			0	0		0		0	0	1				1	
<b>PMP</b>				0,00					0,00	0,18				0,03	
<b>Domino Liver</b>						0		0	0					0	
<b>Total Liver</b>			63	63		101		97	198	92	78		17	448	
<b>PMP</b>				10,37					18,75	16,63	13,92		12,45	15,17	
<b>Heart</b>	13		19	32	37	31			68	32	19			151	
<b>PMP</b>				5,27					6,44	5,78	3,39			5,11	
<b>Domino Heart</b>									0	0				0	
<b>Total Heart</b>	13		19	32	37	31			68	32	19			151	
<b>PMP</b>				5,27					6,44	5,78	3,39			5,11	
<b>Heart-Lung</b>			1	1	1	0			1	0	0			2	
<b>PMP</b>				0,16					0,09	0,00	0,00			0,07	
<b>Double Lung</b>			39	39	20	63			83	37	28		1	188	
<b>PMP</b>				6,42					7,86	6,69	5,00		0,73	6,37	
<b>Single Lung</b>			0	0	0	2			2	0	0		1	3	
<b>PMP</b>				0,00					0,19	0,00	0,00		0,73	0,10	
<b>Total Lungs</b>			40	40	21	65			86	37	28		2	193	
<b>PMP</b>				6,59					8,15	6,69	5,00		1,46	6,54	
<b>Pancreas</b>			3	3	3	3	6	11	23	4	28		4	62	
<b>PMP</b>				0,49					2,18	0,72	5,00		2,93	2,10	
<b>Islet</b>					0	1	3	2	6	1	1			8	
<b>PMP</b>									0,57	0,18	0,18			0,27	
<b>Intestine</b>						2			2		1			3	
<b>PMP</b>									0,19		0,18			0,10	

Notes and definitions are found on the last page

Transplantation figures further details 2023 (DBD/DCD, STAMP, STEP)															
				Denmark						Sweden	Norway	Finland	Iceland	Estonia	Scandiarttransplant
Population	1959107	1238591	2875857	6073555						10558012	5533582	5603075	396960	1365884	29531068
Transplant center	Aarhus	Odense	København		Skåne	Göteborg	Uppsala	Stockholm		Oslo	Helsinki	Reykjavik	Tartu		
<b>Kidney</b>															
DBD donation	66	49	74	189	30	119	71	78	298	154	234	8	42		925
DBD donation (STAMP)	3	2	3	8	4	5	1	0	10	8	2	0	3		31
DCD donation	3	3	5	11	17	31	26	38	112	30	39	0	1		193
DCD donation (STAMP)	1	0	0	1	3	0	0	0	3	2	1	0	0		7
PMP				34,41					40,06	35,06	49,26	20,15	33,68		39,15
Living donation	35	20	25	80	12	25	28	29	94	42	44	2	5		267
Living donation (STEP)	4	2	3	9	2	2	0	2	6	1	1	0	0		17
PMP				14,65					9,47	7,77	8,03	5,04	3,66		9,62
<b>Total</b>	<b>112</b>	<b>76</b>	<b>110</b>	<b>298</b>	<b>68</b>	<b>182</b>	<b>126</b>	<b>147</b>	<b>523</b>	<b>237</b>	<b>321</b>	<b>10</b>	<b>51</b>		<b>1440</b>
PMP				49,07					49,54	42,83	57,29	25,19	37,34		48,76
<b>Liver</b>															
DBD donation			63	63		88		79	167	85	77		17		409
DCD donation			0	0		13		18	31	6	1		0		38
PMP				10,37					18,75	16,45	13,92		12,45		15,14
Living donation			0	0		0		0	0	1					1
PMP									0,00	0,18					0,03
Domino donation						0		0	0						0
<b>Total</b>			<b>63</b>	<b>63</b>		<b>101</b>		<b>97</b>	<b>198</b>	<b>92</b>	<b>78</b>		<b>17</b>		<b>448</b>
PMP				10,37					18,75	16,63	13,92		12,45		15,17
<b>Heart</b>															
<b>DBD donation, total</b>	<b>13</b>		<b>19</b>	<b>32</b>	<b>37</b>	<b>31</b>			<b>68</b>	<b>32</b>	<b>19</b>				<b>151</b>
PMP				5,27					6,44	5,78	3,39				5,11
<b>Lung</b>															
DBD donation Heart-Lung			1	1	1	0			1	0	0				2
PMP				0,16					0,09	0,00	0,00				0,07
DBD donation, Double Lung			39	39	17	54			71	34	28		1		173
DCD donation, Double Lung			0	0	3	9			12	3	0		0		15
PMP				6,42					7,86	6,69	5,00		0,73		6,37
DBD donation, Single Lung			0	0	0	2			2	0	0		1		3
DCD donation, Single Lung			0	0	0	0			0	0	0		0		0
PMP				0,00					0,19	0,00	0,00		0,73		0,10
<b>Total</b>			<b>40</b>	<b>40</b>	<b>21</b>	<b>65</b>			<b>86</b>	<b>37</b>	<b>28</b>		<b>2</b>		<b>193</b>
PMP				6,59					8,15	6,69	5,00		1,46		6,54
<b>Pancreas</b>															
DBD donation			3	3	1	3	6	11	21	4	28		4		60
DCD donation			0	0	2	0	0	0	2	0	0		0		2
<b>Total</b>			<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>6</b>	<b>11</b>	<b>23</b>	<b>4</b>	<b>28</b>		<b>4</b>		<b>62</b>
PMP				0,49					2,18	0,72	5,00		2,93		2,10
<b>Islet</b>															
DBD donation					0	1	3	2	6	1	1				8
DCD donation					0	0	0	0	0	0	0				0
<b>Total</b>					<b>0</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>1</b>				<b>8</b>
PMP									0,57	0,18	0,18				0,27
<b>Intestine</b>															
<b>DBD donation, total</b>						<b>2</b>			<b>2</b>		<b>1</b>				<b>3</b>
PMP									0,19		0,18				0,10
Notes and definitions are found on the last page															

Waiting list statistics January 1st, 2024																												
	Aarhus		Odense		København		Denmark		Skåne		Göteborg		Uppsala		Stockholm		Sweden		Norway		Finland		Estonia		Scandiatransplant			
Liver (active, on hold)					21	1	<b>21</b>	<b>1</b>			20	2			14	1	<b>34</b>	<b>3</b>	<b>37</b>	<b>6</b>	<b>17</b>	<b>1</b>	<b>7</b>	<b>2</b>	<b>116</b>	<b>13</b>		
Notifications					56		<b>56</b>				83				98		<b>181</b>		<b>105</b>		<b>84</b>		<b>26</b>		<b>452</b>			
Liver+kidney (active, on hold)					1	0	<b>1</b>	<b>0</b>			3	1			1	0	<b>4</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>8</b>	<b>2</b>		
Notifications					3		<b>3</b>				5				1		<b>6</b>		<b>0</b>		<b>9</b>		<b>0</b>		<b>18</b>			
Total (active, on hold)					22	1	<b>22</b>	<b>1</b>			23	3			15	1	<b>38</b>	<b>4</b>	<b>38</b>	<b>6</b>	<b>19</b>	<b>1</b>	<b>7</b>	<b>3</b>	<b>124</b>	<b>15</b>		
Dead on waiting list					1		<b>1</b>				3				3		<b>6</b>		<b>9</b>		<b>3</b>		<b>2</b>		<b>21</b>			
Permanet withdrawal					7		<b>7</b>				8				7		<b>15</b>		<b>9</b>		<b>3</b>		<b>3</b>		<b>37</b>			
Heart (active, on hold)	11	3			9	1	<b>20</b>	<b>4</b>	13	1	7	0					<b>20</b>	<b>1</b>	<b>11</b>	<b>2</b>	<b>19</b>	<b>5</b>			<b>70</b>	<b>12</b>		
Notifications	19				20		<b>39</b>		37		25						<b>62</b>		<b>32</b>		<b>17</b>				<b>150</b>			
Dead on waiting list	0				2		<b>2</b>		1		0						<b>1</b>		<b>1</b>		<b>5</b>				<b>9</b>			
Permanet withdrawal	1				1		<b>2</b>		0		6						<b>6</b>		<b>3</b>		<b>4</b>				<b>15</b>			
Heart-Lung					0		<b>0</b>		1		0						<b>1</b>		<b>0</b>		<b>1</b>		<b>0</b>		<b>2</b>			
Single Lung					3		<b>3</b>		1		1						<b>2</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>5</b>			
Double Lung					22		<b>22</b>		3		15						<b>18</b>		<b>17</b>		<b>19</b>		<b>4</b>		<b>80</b>			
Total (active, on hold)					25	0	<b>25</b>	<b>0</b>	5	0	10	6					<b>15</b>	<b>6</b>	<b>15</b>	<b>2</b>	<b>20</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>78</b>	<b>9</b>		
Notifications					43		<b>43</b>		16		62						<b>78</b>		<b>34</b>		<b>19</b>		<b>4</b>		<b>178</b>			
Dead on waiting list					2		<b>2</b>		5		3						<b>8</b>		<b>6</b>		<b>0</b>		<b>0</b>		<b>16</b>			
Permanet withdrawal					0		<b>0</b>		0		2						<b>2</b>		<b>4</b>		<b>3</b>		<b>0</b>		<b>9</b>			
Kidney-Pancreas (active, on hold)					2	0	<b>2</b>	<b>0</b>	2	1	1	2	3	2	2	4	<b>8</b>	<b>9</b>	<b>6</b>	<b>1</b>	<b>10</b>	<b>5</b>	<b>1</b>	<b>1</b>	<b>27</b>	<b>16</b>		
Notifications					3		<b>3</b>		3		0		3		10		<b>16</b>		<b>6</b>		<b>33</b>		<b>2</b>		<b>60</b>			
Dead on waiting list					2		<b>2</b>		0		0		0		0		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>2</b>			
Permanet withdrawal					0		<b>0</b>		0		0		0		1		<b>1</b>		<b>0</b>		<b>2</b>		<b>0</b>		<b>3</b>			
Pancreas (active, on hold)					0	0	<b>0</b>	<b>0</b>	0	0	0	0	2	0	0	0	<b>2</b>	<b>0</b>	<b>4</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>7</b>	<b>2</b>		
Notifications					0		<b>0</b>		0		0		1		0		<b>1</b>		<b>1</b>		<b>2</b>		<b>0</b>		<b>4</b>			
Dead on waiting list					0		<b>0</b>		0		0		0		0		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>			
Permanet withdrawal					0		<b>0</b>		0		0		1		1		<b>2</b>		<b>1</b>		<b>0</b>		<b>1</b>		<b>4</b>			
Pancreatic Islets (active, on hold)					0	0	<b>0</b>	<b>0</b>	0	1	3	3	2	1	1	1	<b>6</b>	<b>6</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>			<b>7</b>	<b>6</b>		
Notifications					0		<b>0</b>		0		3		2		3		<b>8</b>		<b>1</b>		<b>1</b>				<b>10</b>			
Dead on waiting list					0		<b>0</b>		0		1		0		0		<b>1</b>		<b>0</b>		<b>0</b>				<b>1</b>			
Permanet withdrawal					0		<b>0</b>		0		0		0		0		<b>0</b>		<b>1</b>		<b>0</b>				<b>1</b>			
Kidney active	99		84		190		<b>373</b>		79		95		64		87		<b>325</b>		<b>323</b>		<b>249</b>		<b>44</b>		<b>1314</b>			
Kidney on hold	76		51		53		<b>180</b>		36		121		32		49		<b>238</b>		<b>173</b>		<b>135</b>		<b>9</b>		<b>735</b>			
Total	175		135		243		<b>553</b>		115		216		96		136		<b>563</b>		<b>496</b>		<b>384</b>		<b>53</b>		<b>2049</b>			
Notifications	135		86		108		<b>329</b>		96		179		81		89		<b>445</b>		<b>233</b>		<b>272</b>		<b>59</b>		<b>1338</b>			
Dead on waiting list	6		2		13		<b>21</b>		1		3		3		4		<b>11</b>		<b>18</b>		<b>13</b>		<b>0</b>		<b>63</b>			
Permanet withdrawal	10		10		27		<b>47</b>		13		8		4		14		<b>39</b>		<b>42</b>		<b>35</b>		<b>5</b>		<b>168</b>			
Notes and definitions are found on the last page																												

### **Notes and definitions related to the transplantation and donation figures - page 1**

Note København: 3 Kidney-pancreas + 3 Liver-kidney

Note Malmö: 3 Kidney-pancreas

Note Göteborg: 1 Kidney-pancreas + 5 Liver-kidney + 1 Heart-liver + 2 Multivisceral (intestine+liver+pancreas)

Note Uppsala: 4 Kidney-pancreas + 1 Kidney double

Note Stockholm: 9 Kidney-pancreas + 2 Kidney double

Note Oslo: 1 Liver-kidney + 2 Kidney-pancreas + 1 Heart-kidney

Note Helsinki: 25 Kidney-pancreas + 8 Liver-kidney + 1 Kidney+islet

Note Helsinki: 3 of the 19 heart transplantations were an Estonian patient, without this transplantation the Finish PMP figure on heart is 2,86

Note Tartu: 4 Kidney-pancreas

Note Tartu: Deceased donor heart transplantations are performed in Helsinki.

Note Reykjavik: Most deceased donor organ transplantations are performed in Göteborg

Note on islet: Each portion is counted as one transplantation

DBD: Donation After Brain Death

DCD: Donation After Circulatory Death

PMP: Per million population

Deceased donors definitions: [http://www.scandiatransplant.org/data/Deceaseddonordefv\\_6.pdf](http://www.scandiatransplant.org/data/Deceaseddonordefv_6.pdf)

### **Notes and definitions related to further details on transplantation figures - page 2**

STAMP: Scandiatransplant Acceptable Mismatch Program

STEP: Scandiatransplant Exchange Program (Paired living donor exchange program)

### **Notes and definitions related to the waiting list statistics - page 3**

Notification: Patients whom got enlisted for transplantation in Scandiatransplant during 2023. Only patients with a waiting list status code are included.

Dead on WL: Dead on waiting list includes all patients active/on hold registered dead in Scandiatransplant during 2023

Permanet Withd.: Permanent Withdrawn off the waiting list includes patients to sick or not sick enough to receive a transplantation during 2023

Version: January 3rd 2024 -> January 23rd 2024: Update in PMP function for kidney on page 2

Version: January 23rd 2024 -> January 29th 2024: + 1 kidney LD in Reykjavik on page 2