

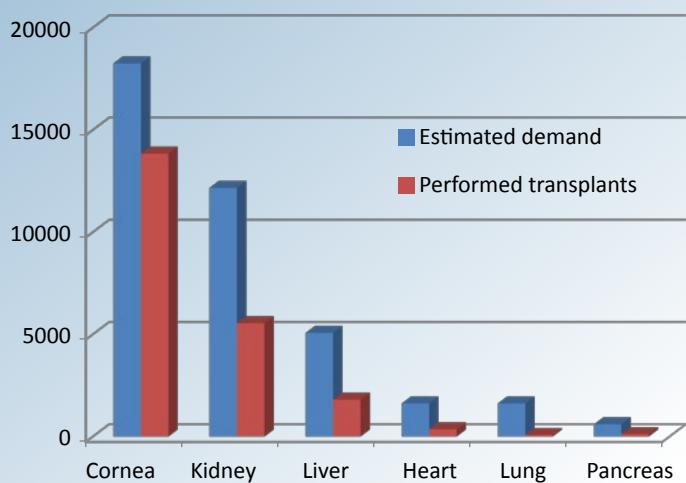
2015

Organ Transplantation in Brazil

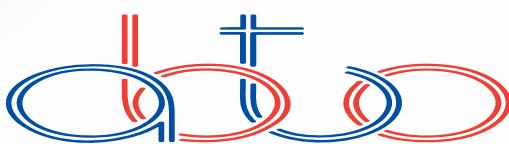
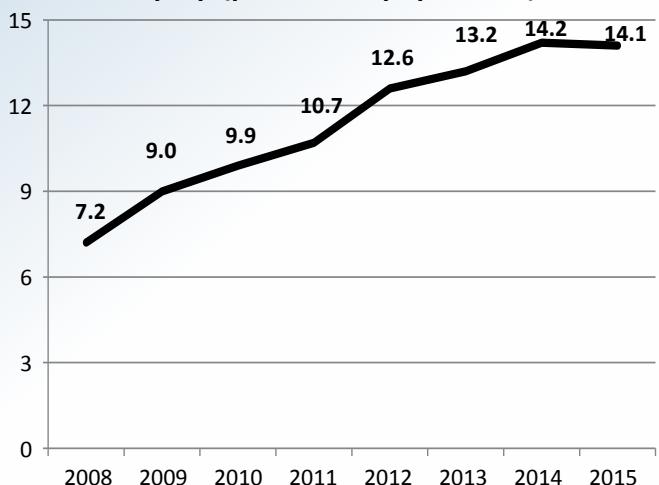
(2008-2015)

In absolute numbers Brazil holds the second largest kidney and liver transplant programs in the world. Still organ donation and the allocation systems have to improve and regional disparities have to be solved. The population belief in organ donation along with government and medical societies support us much as the dedication of health care professional are of utmost importance for the success of the Brazilian Transplantation Program.

Estimated demand and number of transplants performed in Brazil in 2015

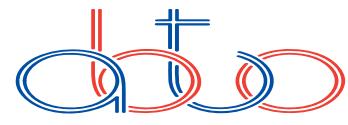


Annual evolution of effective donors in Brazil - pmp (per million population)





Brazilian Transplantation Registry
Official report of Brazilian Organ Transplantation Society



Associação Brasileira de Transplante de Órgãos

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The rate of effective donors (14.1 pmp) slightly decreased when compared to last year (14.2 pmp), associated with the decrease in potential donor notifications rate (47.8 pmp), although a small increase in total number of donations and notification occurred. The expected rate of 20 pmp (goal established in 2007) will not be achieved in 2017. Despite the national crisis, also affecting the healthcare system, a challenging but achievable goal is a 2 pmp increase in the next 3 years (16 in 2016, 18 in 2017 and 20 pmp in 2018), and potential donor notification rate of 55 pmp in 2018, with effectiveness of 36% (this percentage was only 29.4 % this year). As the last 10 years, Santa Catarina state remains the state with the highest rate of donation (30.2 pmp).



For the first time since 2006, there was a decrease in the number (1.7%) and rate (7.4%) of kidney transplants. Deceased donor transplants increased slightly (2.7% increase in the number and 3.6% decrease in the rate), while the living donor transplants kept on declining (15.4% in number and 20.5 % in the rate). This sustained reduction in renal living donor transplantation must be deeply analyzed this year. None of the States reached 50 pmp kidney transplants and only Paraná (12.6 pmp) and São Paulo (11.4 pmp) performed more than 10 pmp living donor transplants.

Liver transplantation remained stable (3% increase in the number and 3.3% decrease in the rate). Only Ceará (22.1 pmp) and Distrito Federal (21.7 pmp) performed more than 20 pmp.

There was a 14.5% increase in the number of heart transplants, maintaining a continuous growth in the last 4 years, but still distant from the goal (8 pmp). Distrito Federal (10.5 pmp) and Pernambuco (5 pmp) were significantly above the national average rate (1.7 pmp).

Lung transplantation increased by 10%, but the number is inferior to that achieved in 2013, and the rate remains very low: 0.4 pmp, about 5% of the estimated demand (8 pmp). Only Rio Grande do Sul performed more than 2 pmp (3.2 pmp). Noteworthy Bahia made its first lung transplant and we hope that they maintain regular activity.

The number of pancreas transplants kept on declining (5.6%). The rate in 2015 was the lowest in 11 years, and no State achieved 2 pmp. About 82% were simultaneous kidney-pancreas, 10% isolated pancreas and 8% pancreas after kidney transplants, similar to the international experience.

Corneal transplantation slightly increased (0.1% in rate and 6.3% in number, respectively), interrupting a decline of three consecutive years. Distrito Federal (186.9 pmp) performs more than twice the estimated demand (90 pmp). Last year, 173 pmp patients were included on waiting list, which suggests that half of these patients came from other States. It is interesting to note that some States, even performing less than 90 pmp, have virtually "zero" waiting lists.

The Brazilian Transplantation Registry presents two innovations this year: a more detailed analysis of the waiting list, and the classification of states considering the rate of all organs transplants, methodology already adopted for some international reports.

A preliminary analysis of the enrollment and mortality on waiting lists of different organs (in the next year, this information should become more robust) allowed preliminary interesting observations, as follows.

Regarding renal transplants, there were 19,440 patients on waiting list (96 pmp). As there are approximately 110,000 patients on dialysis in Brazil and it is expected that about 35% are candidates to transplantation, the number of patients on waiting list should be double (38,500 or 190 pmp). Only São Paulo has the expected rate (215 pmp) and many States performed less than 45 pmp (Bahia, Santa Catarina, Acre, Rondonia, Amazonas, Pará and Mato Grosso do Sul), ie less than 25% of patients who require kidney transplantation are listed. 1,215 deaths were registered among patients on the waiting list (6%). This relatively low rate (6-8% in other registries) is possibly explained by patient selection for enrollment on list. 9,342 patients were enrolled for a kidney transplant, 66% of the expected number (14,196 patients) (70 pmp).

With respect to liver transplantation, there were 1,314 (6.5 pmp) patients on waiting list and 2,634 (13 pmp) were enrolled, while the expected number should be around 30 pmp (6,084), based on international data. Only Ceará (41 pmp), São Paulo (27 pmp) and Rio Grande do Sul (25 pmp) came close to this rate. In Rio de Janeiro, Bahia, Pernambuco and Minas Gerais, the rates were as low as 4-6 pmp. The mortality among patients who entered the list was 32%.

The transplant rate of solid organs in Brazil was 39 pmp, while the best performing countries reach 100 pmp (maximum goal). The national goal is to reach 50 pmp within the next three years, and 75 pmp in States with better performance. The states the best performing in 2015, exceeding 60 pmp, were Rio Grande do Sul (67.0 pmp), São Paulo (64.9 pmp) and Distrito Federal (61.7 pmp). Considering only deceased donor transplants, the States with more than 50 pmp were: Rio Grande do Sul (61.2 pmp), Distrito Federal (60.0 pmp), Ceará (54.2 pmp) and São Paulo (50.8 pmp). The goal for deceased donor transplants is 70 pmp. The Brazilian Society will face difficult days ahead, this will affect education and healthcare, therefore additional efforts will be needed to maintain the growth in donation and transplantation.

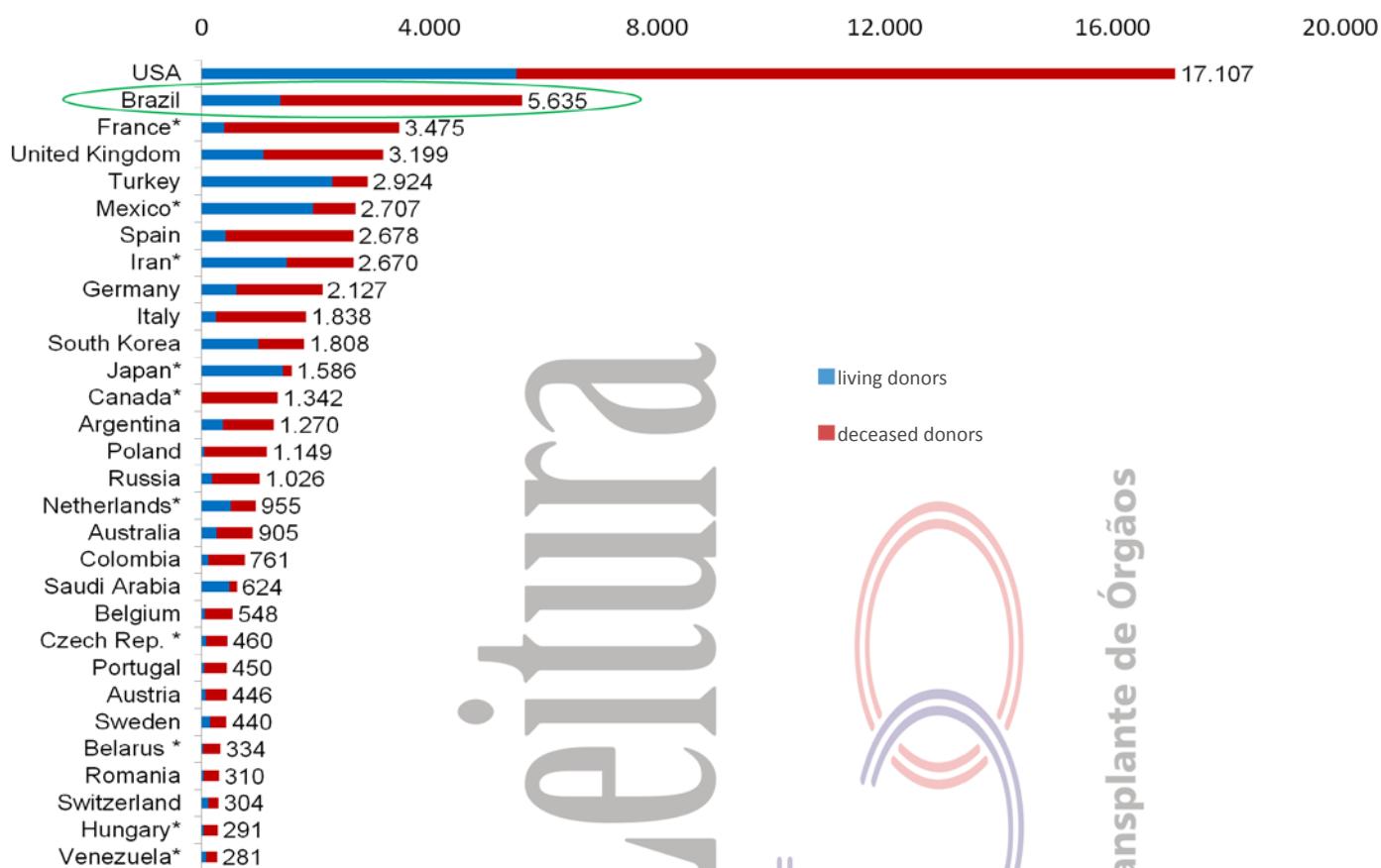
Summary

BRAZIL'S STANDING IN GLOBAL FIGURES	3
BRAZILIAN DATA	6
Annual number of transplants in Brazil between 2005 and 2015	8
Kidney	9
Liver	10
Heart	11
Pancreas	12
Lung	13
Bone Marrow e Tissue	14
Cornea	15
Bone	15
Pediatric Transplants	16
Brazilian regional data	18
General Information	18
Organ Donation	19
Tissue Transplantation	19
Organ Transplantation	20
Waiting List	22
Patients on waiting list (december 2015)	22
Pediatric patients on waiting list (december 2015)	22
Number of patients that inside on waiting list and mortality, during year 2015	23
DATA FROM INDIVIDUAL STATES	24
Organ Donation for 2015	24
Number of Notifications of potential donors, effective donors and donors whose organs were transplanted by State during the year 2015	25
Causes of non-fulfillment of organ donation of notified potential donors during the year 2015	26
Profile: age, gender, cause of death and blood group of the organ donors	27
Acre	28
Alagoas	30
Amapá	32
Amazonas	34
Bahia	36
Ceará	38
Distrito Federal	40
Espírito Santo	42
Goiás	44
Maranhão	46
Mato Grosso	48
Mato Grosso do Sul	50
Minas Gerais	52
Pará	54
Paraíba	56
Paraná	58
Pernambuco	60
Piauí	62
Rio de Janeiro	64
Rio Grande do Norte	66
Rio Grande do Sul	68
Rondônia	70
Roraima	72
Santa Catarina	74
São Paulo	76
Sergipe	78
Tocantins	80
DATA BY TEAM TRANSPLANTS	82
Heart	82
Liver	83
Pancreas	85
Kidney	86
Lung	90
Cornea	90
Bone Marrow	92
Skin	94
VALVA	94
Bone	95

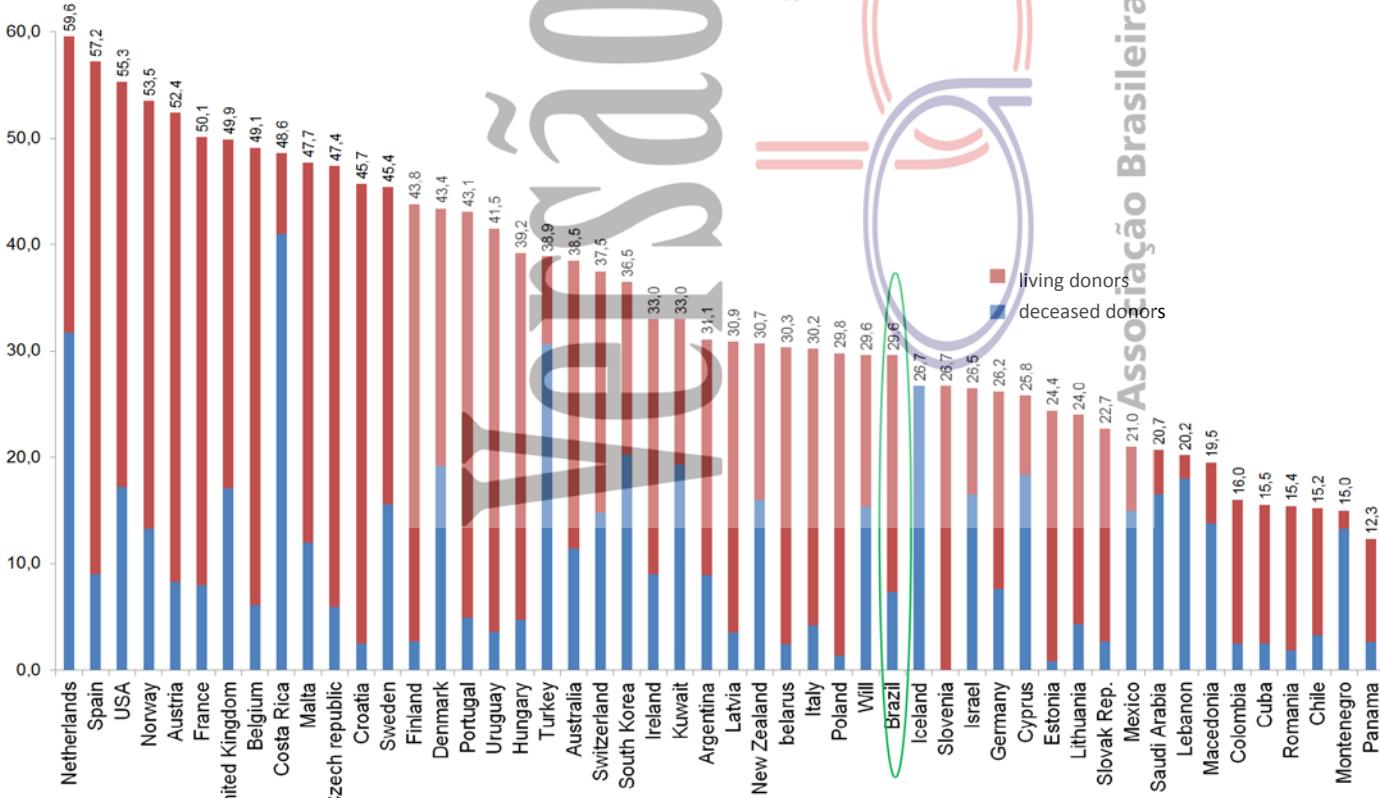
BRAZIL'S STANDING IN GLOBAL FIGURES

Source: IRODAT 2015

Brazil is ranked second in absolute number of kidney transplants (from 30 countries) - Year 2014



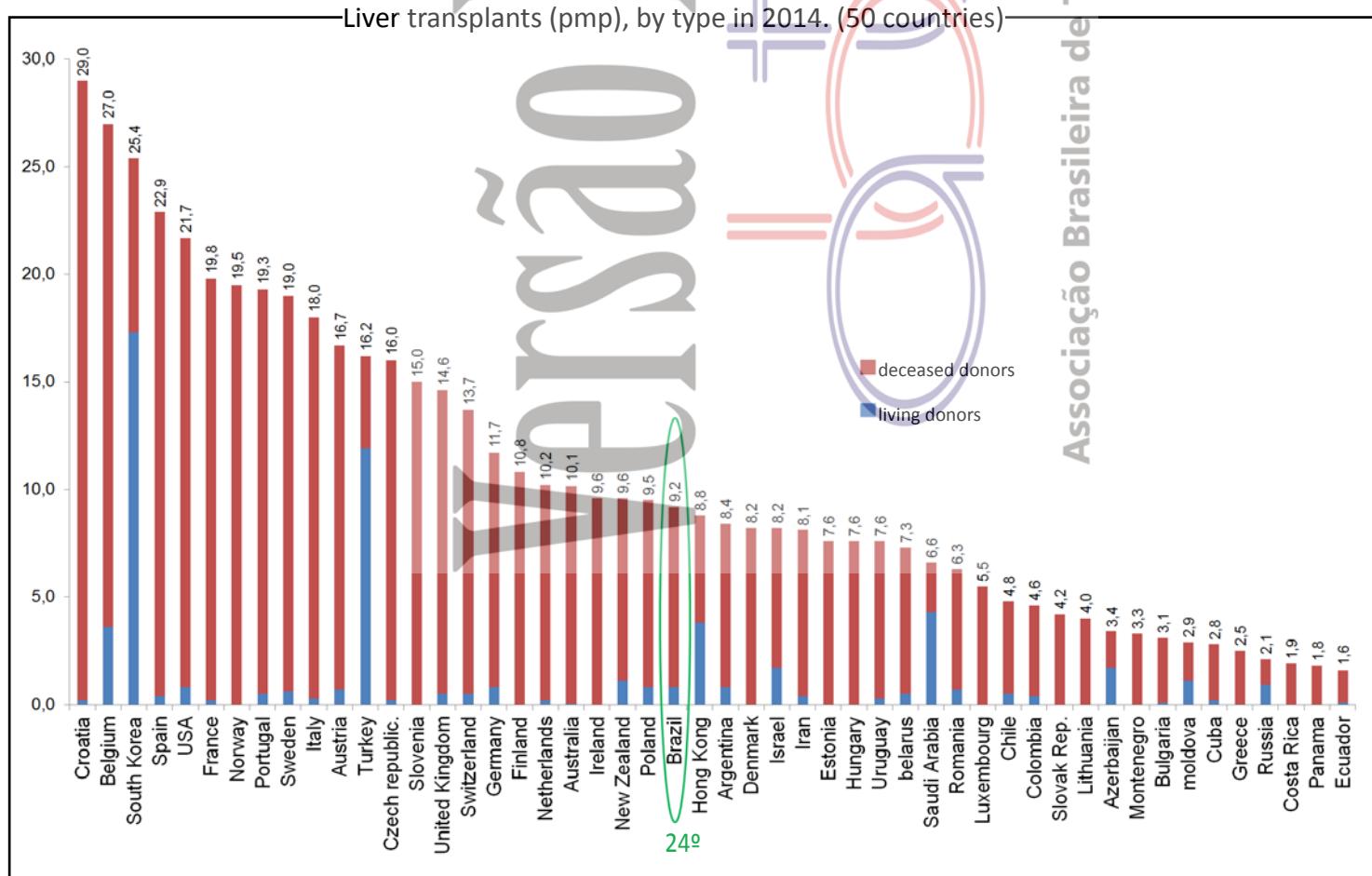
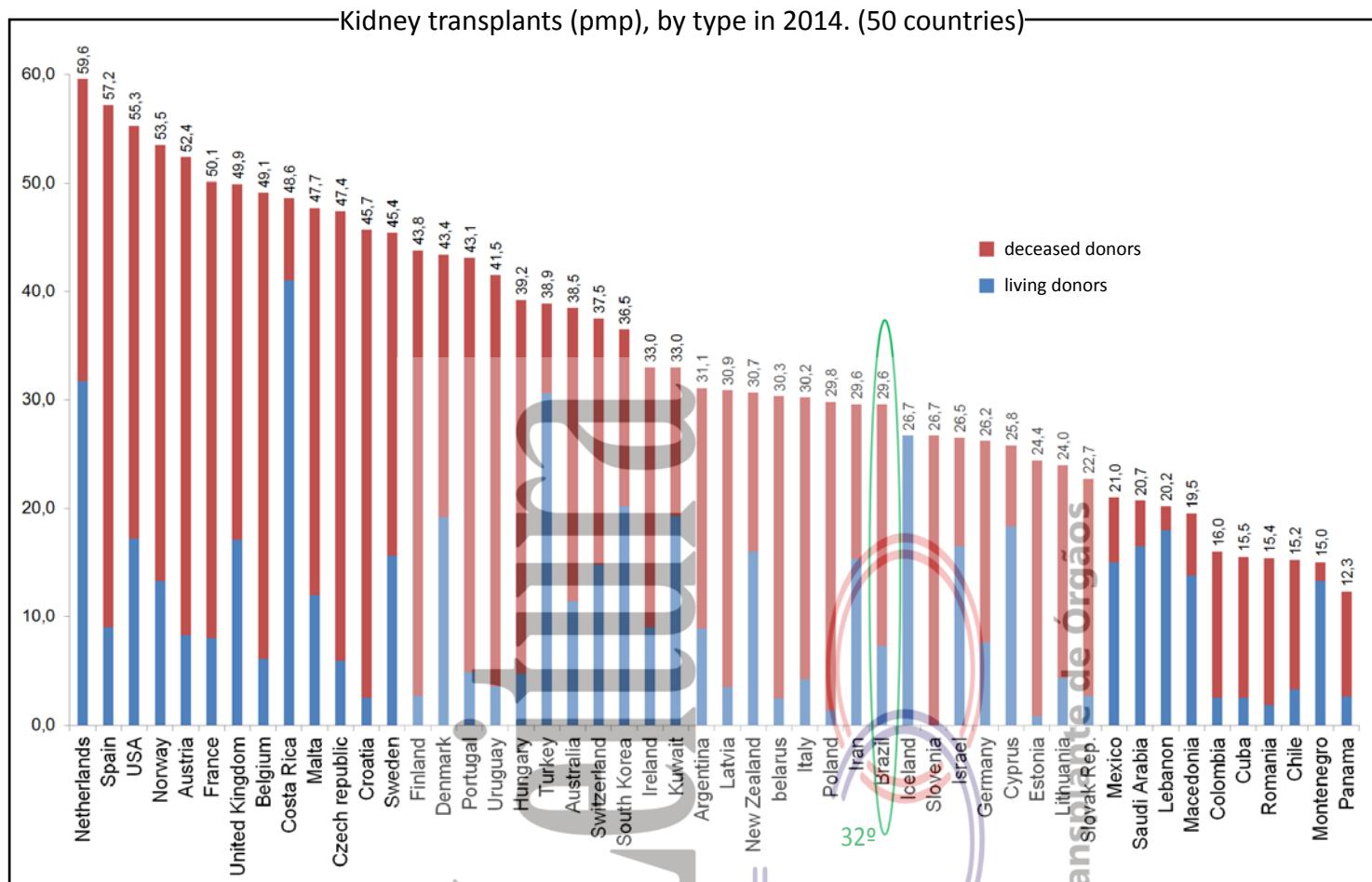
Brazil is ranked second in absolute number of liver transplants (from 30 countries) - Year 2014



* year 2013

BRAZIL'S STANDING IN GLOBAL FIGURES

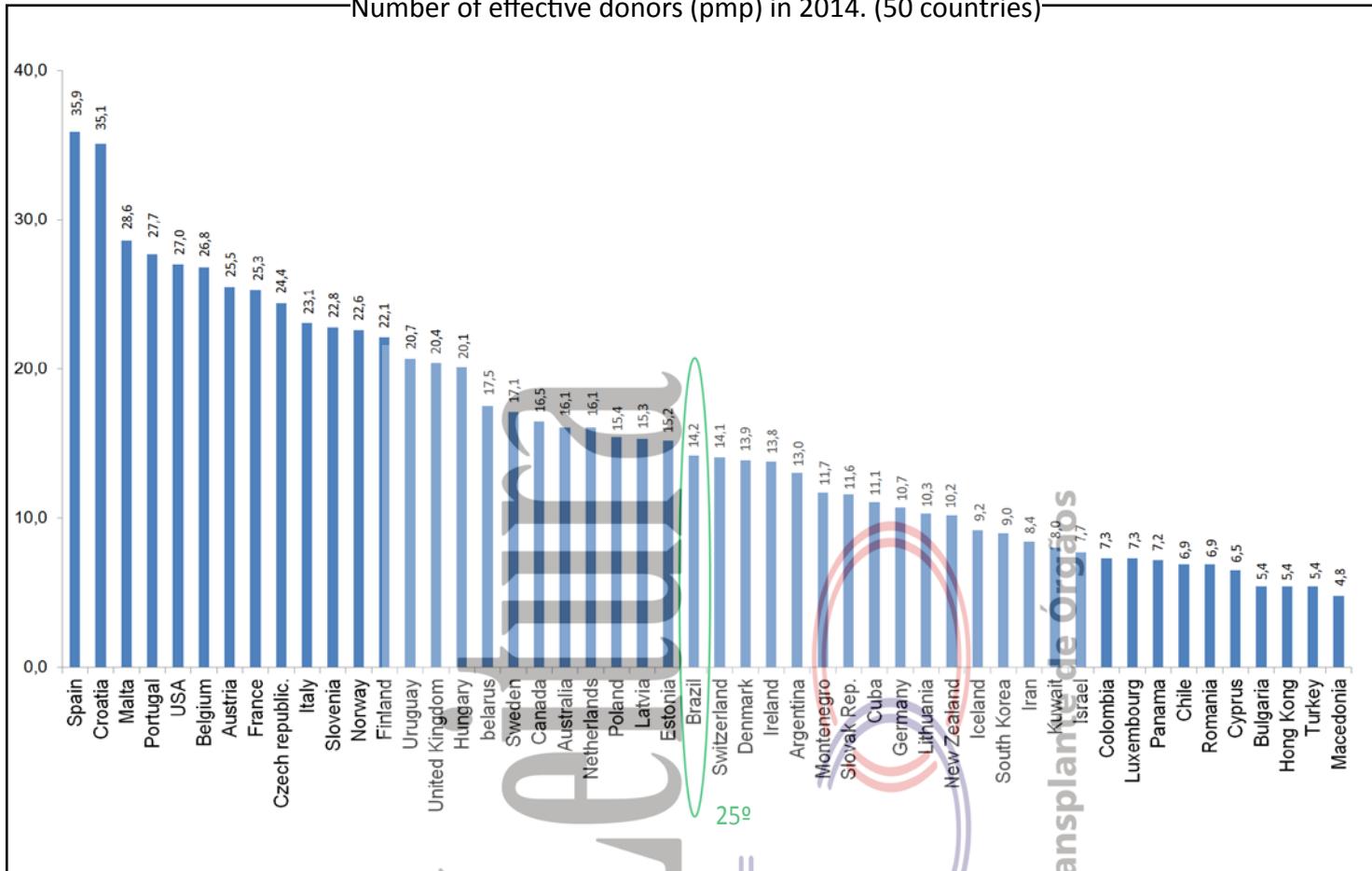
Source: IRODAT 2015



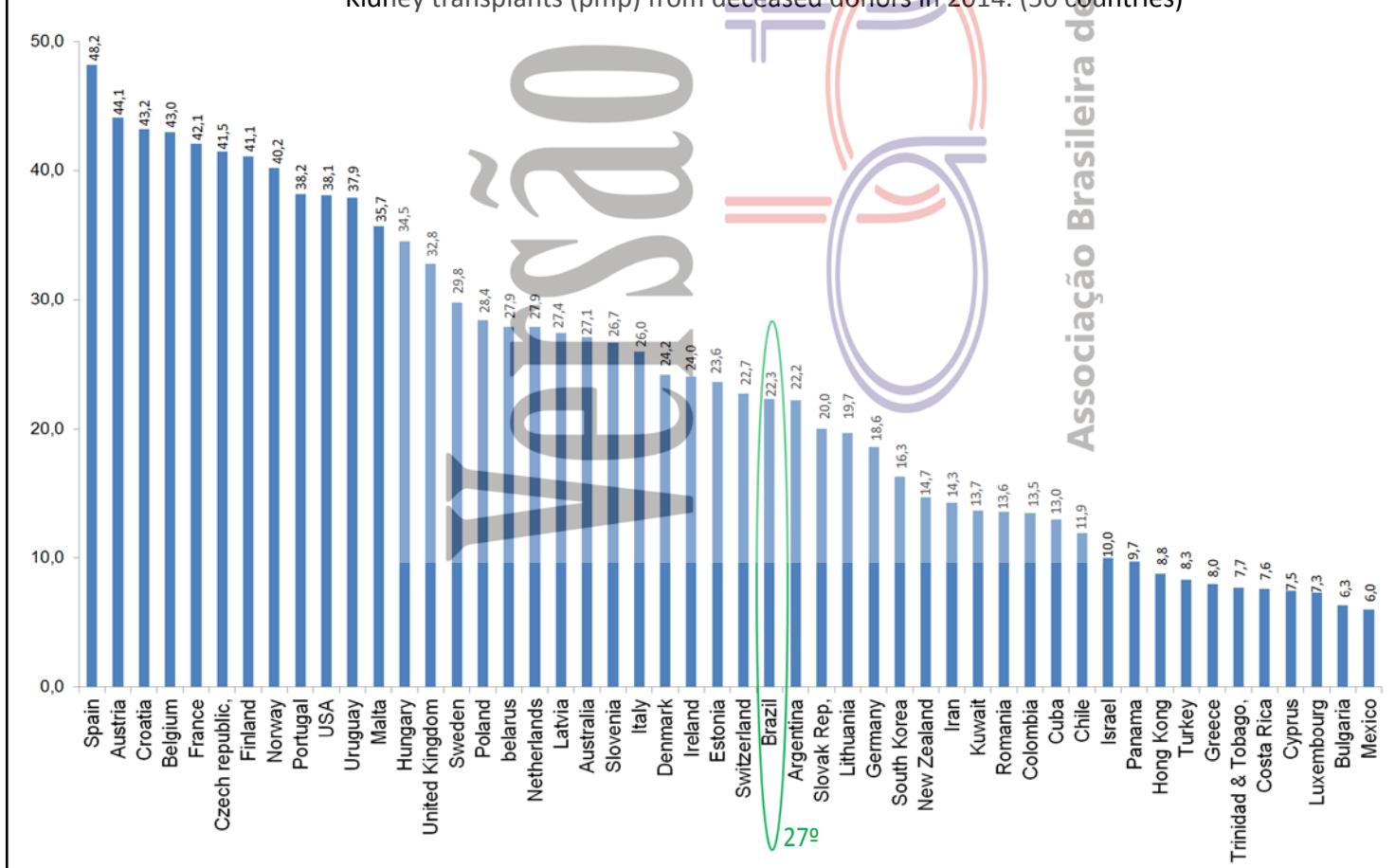
BRAZIL'S STANDING IN GLOBAL FIGURES

Source: IRODAT 2015

Number of effective donors (pmp) in 2014. (50 countries)



Kidney transplants (pmp) from deceased donors in 2014. (50 countries)



BRAZILIAN DATA

Population	202,768,562	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		18,249	12,166	5,069	1,622	1,622
		Transplants performed		13,861	5,556	1,809	353	74
Mortality per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	1,077,007	1,103,088	1,136,947	1,170,498	1,181,166	1,220,678	Unavailable	Unavailable
External causes	135,936	138,697	143,256	145,842	152,013	151,683	Unavailable	Unavailable
Neurological causes	21,609	23,018	25,303	26,948	28,712	30,300	Unavailable	Unavailable
Population (IBGE census)	183,987,291	183,987,291	190,755,799	190,755,799	190,755,799	190,755,799	190,755,799	202,768,562

Hospital

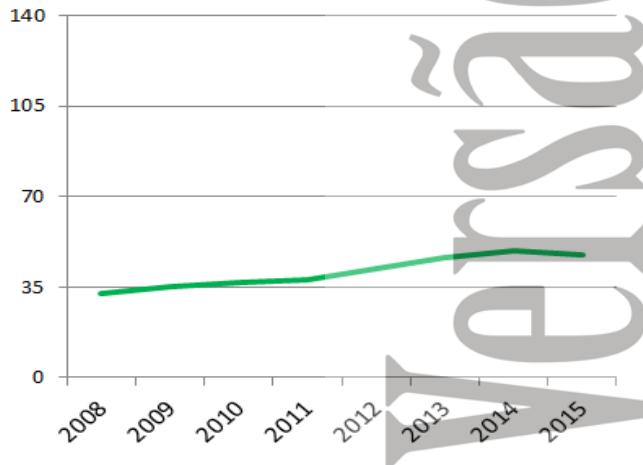
Total number	6,149
State capitals	1,322
Country side	4,827
Nº of beds	467,480
Nº of ICU beds	40,281
Hospitals over 80 beds	1,766
Teaching hospitals	149
Medical schools	276
Neurosurgery services	427
Number of CIHDOTTS	629
Number of OPOs	55

Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emecc.mec.gov.br> 19/01/2016

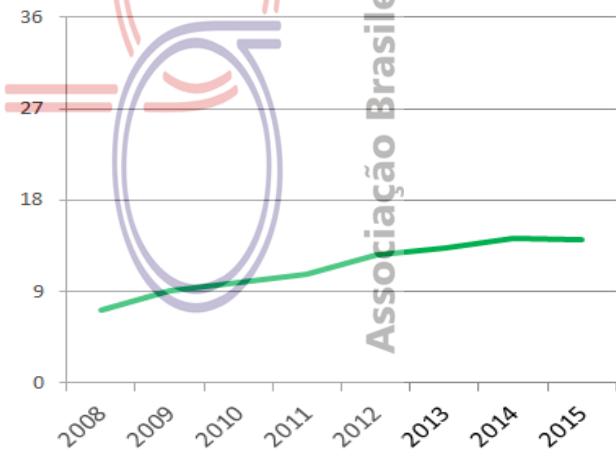
Brazil has a well established transplant program. However, much care has to be taken to assure continuous growing in order to fulfill the needs of a population of more than 200 million. The challenge of providing enough transplants has been achieved for corneal transplantations but much has to be done in order to provide enough transplants for the other organs which is far from being accomplished. The number of transplants is increasing continuously by the efforts of numerous individuals acting in the chain of donation and mainly by the generosity of donors and their families.

ORGAN DONATION

Notified potential donors - pmp



Effective donors - pmp

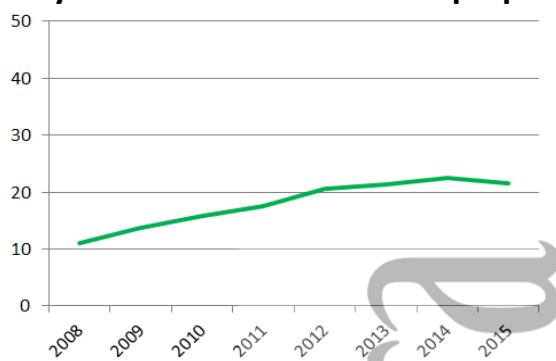


	2008	2009	2010	2011	2012	2013	2014	2015
Number of effective donors	1,317	1,658	1,898	2,048	2,406	2,526	2,713	2,854
Number of effective donors (pmp)	7.2	9.0	9.9	10.7	12.6	13.2	14.2	14.1
Potential donors	5,992	6,490	6,979	7,238	8,025	8,871	9,351	9,698
Number of potential donors (pmp)	32.6	35.3	36.6	37.9	42.1	46.5	49.0	47.8
Non consenting families	1329	1390	1800	1937	2315	2,622	2,610	2,613
Refusal at interviews (%)	Unavailable	Unavailable	Unavailable	Unavailable	41%	47%	46%	44%
Cardiopulmonary arrest	1428	1350	1279	1205	1188	1,292	1,156	1,164
Medical contraindications	839	1101	991	832	836	1,150	1,349	1,416
Others	1079	991	1011	1216	1280	1,281	1,523	1,651

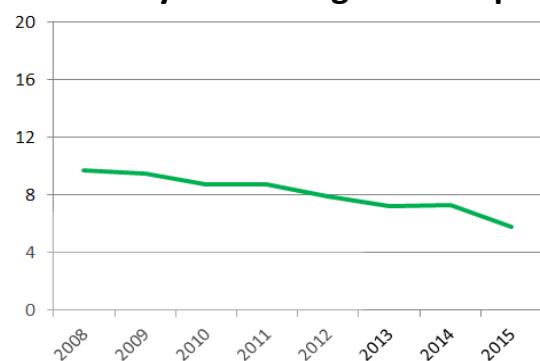
BRAZILIAN DATA

Organ Transplantation

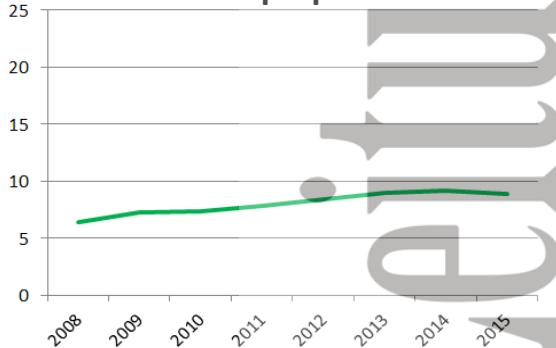
Kidney from deceased donors - pmp



Kidney from living donors - pmp



Liver - pmp



Cornea - pmp



Number of teams that performing transplantats during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	142	140	140	126	124	129	135	131
Liver	48	51	55	57	59	60	64	61
Pancreas	26	21	21	26	19	21	15	16
Heart	30	33	26	27	27	33	31	33
Lung	4	5	4	6	6	7	6	6

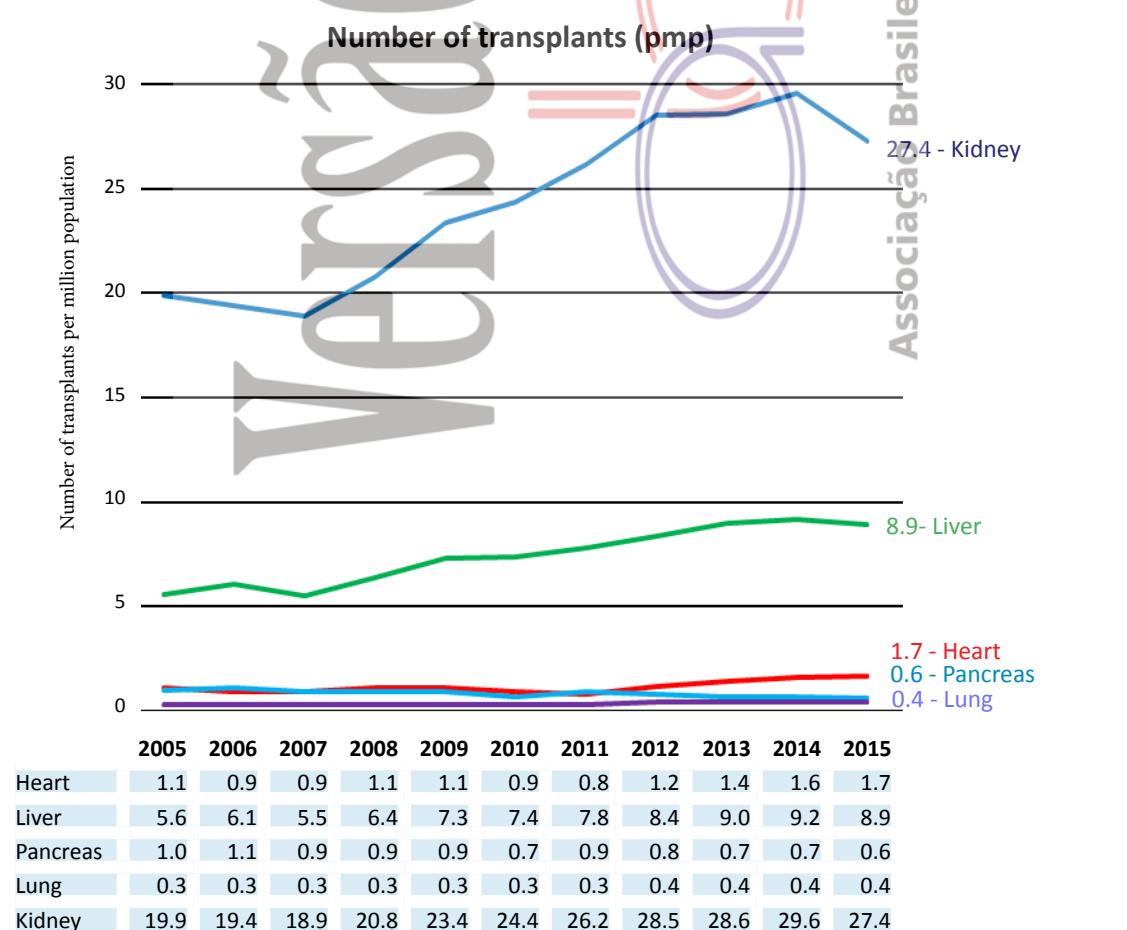
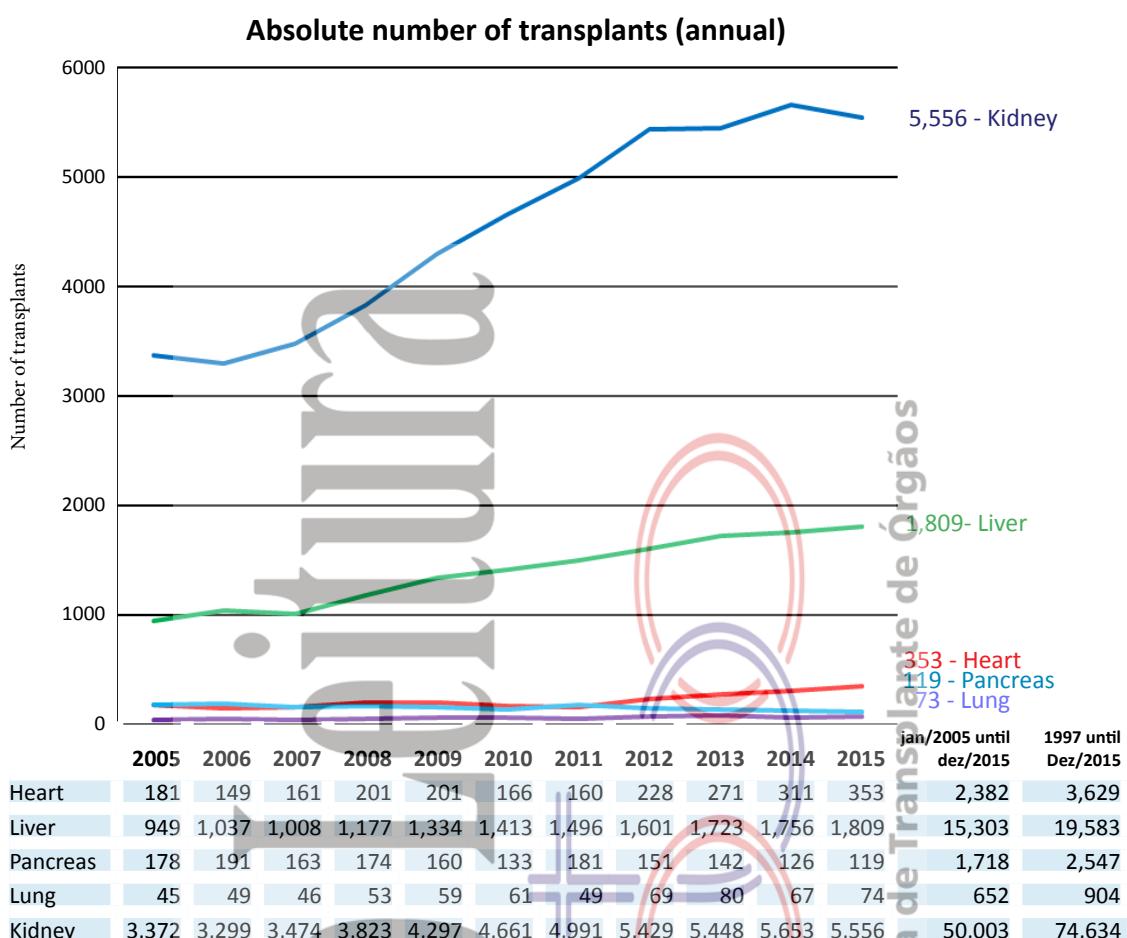
Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	13,341	12,723	12,778	14,696	15,281	13,744	13,036	13,861
Kidney	3,823	4,297	4,661	4,991	5,429	5,448	5,653	5,556
living donors	1,788	1,752	1,656	1,661	1,503	1,382	1,386	1,172
deceased donors	2,035	2,545	3,005	3,330	3,926	4,066	4,267	4,384
Liver	1,177	1,334	1,413	1,496	1,601	1,723	1,756	1,809
Pancreas	174	160	133	181	151	142	126	119
Heart	201	201	166	160	228	271	311	353
Lung	53	59	61	49	69	80	67	74

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	72.5	69.2	67.0	77.0	80.1	72.1	68.3	68.4
Kidney	20.8	23.4	24.4	26.2	28.5	28.6	29.6	27.4
living donors	9.7	9.5	8.7	8.7	7.9	7.2	7.3	5.8
deceased donors	11.1	13.8	15.8	17.5	20.6	21.3	22.4	21.6
Liver	6.4	7.3	7.4	7.8	8.4	9.0	9.2	8.9
Pancreas	0.9	0.9	0.7	0.9	0.8	0.7	0.7	0.6
Heart	1.1	1.1	0.9	0.8	1.2	1.4	1.6	1.7
Lung	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4

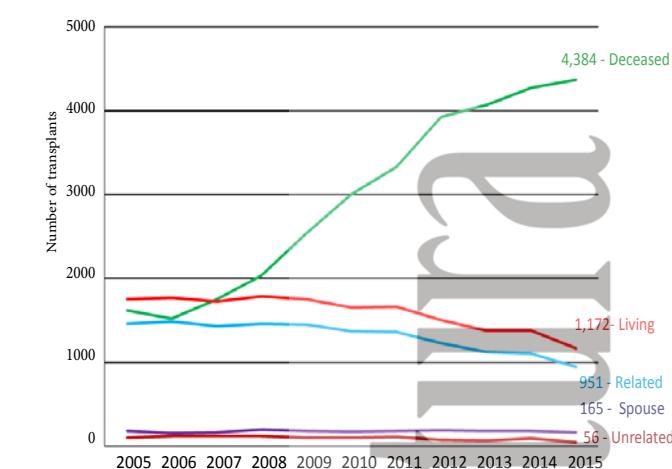
Annual number of transplants in Brazil between 2005 and 2015



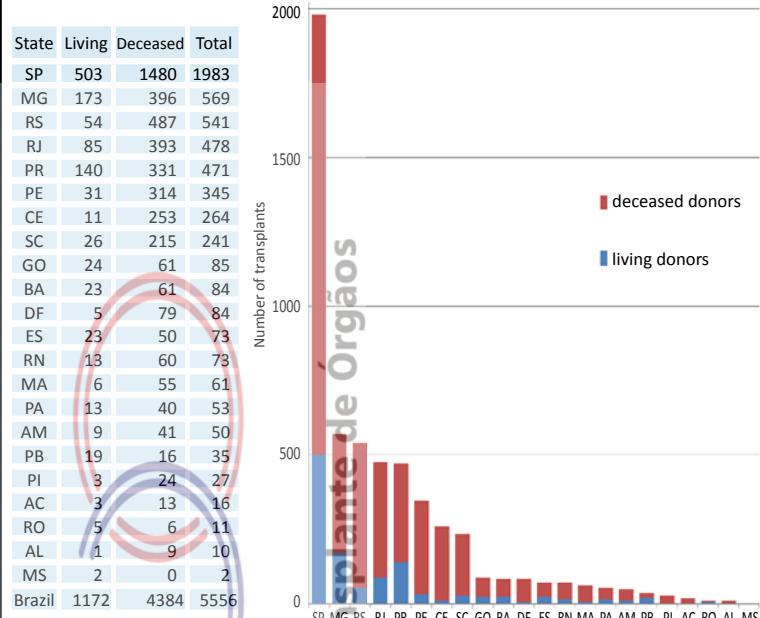
Annual number of transplants in Brazil between 2005 and 2015

Kidney (in 22 state, with 131 active teams)

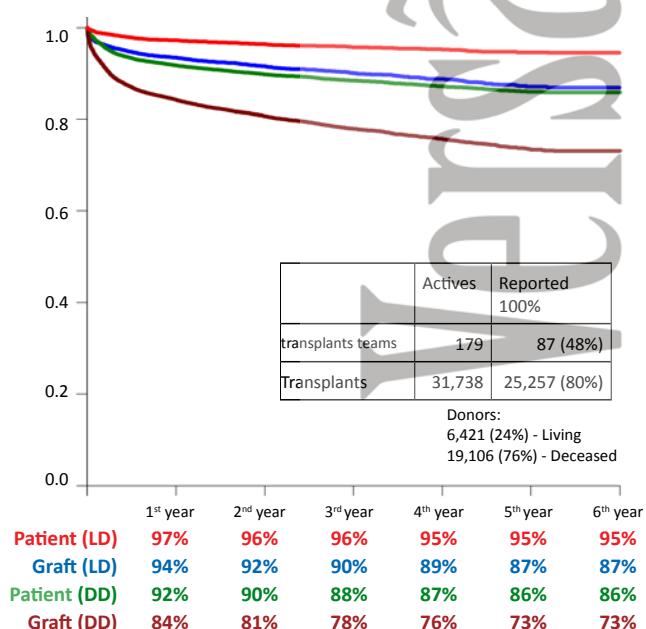
Annual number of transplants by donor type



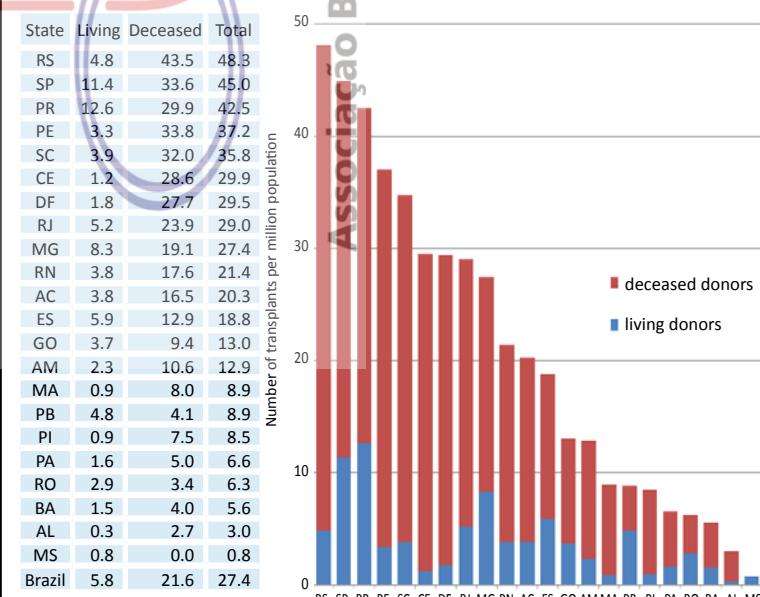
Number of transplants by state during the year 2015



Survival Curves: Prospective started in 2010



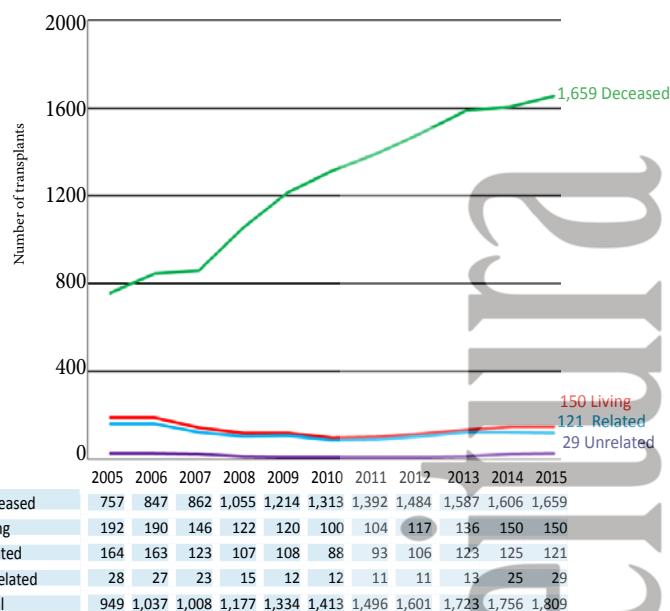
Number of transplants per million population by state during the year 2015



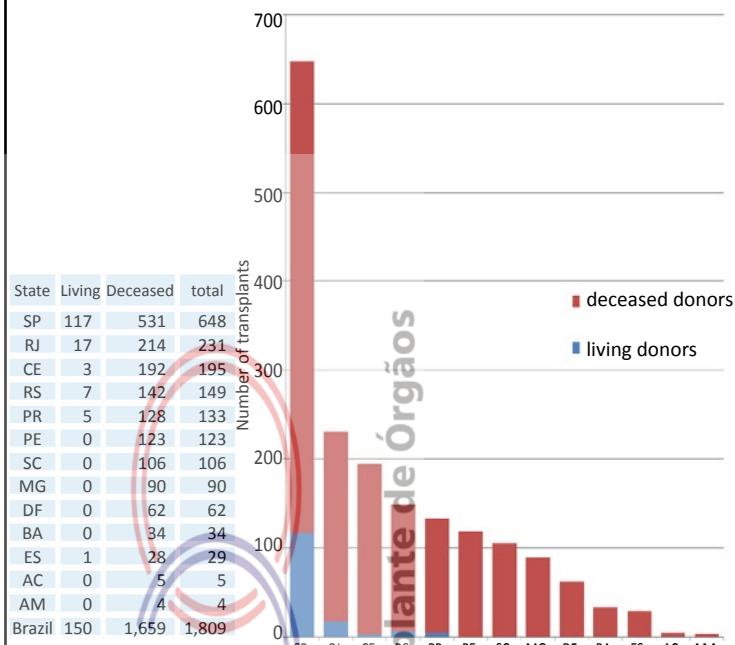
Annual number of transplants in Brazil between 2005 and 2015

Liver - (in 13 states, with 61 active teams)

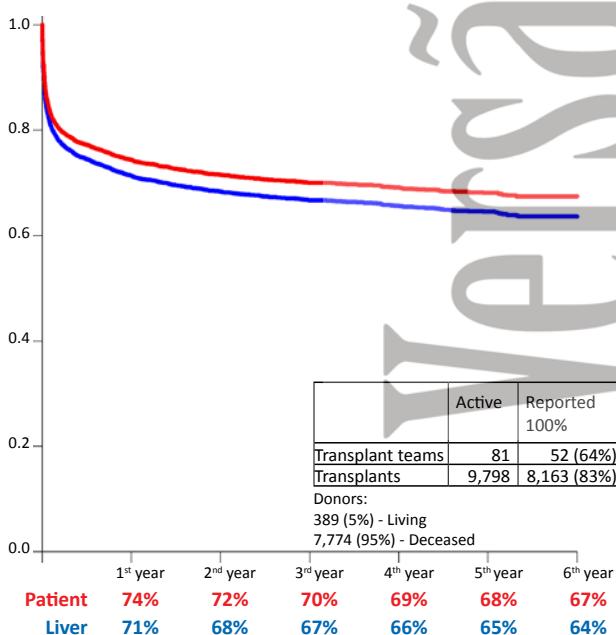
Annual number of transplants by donor type



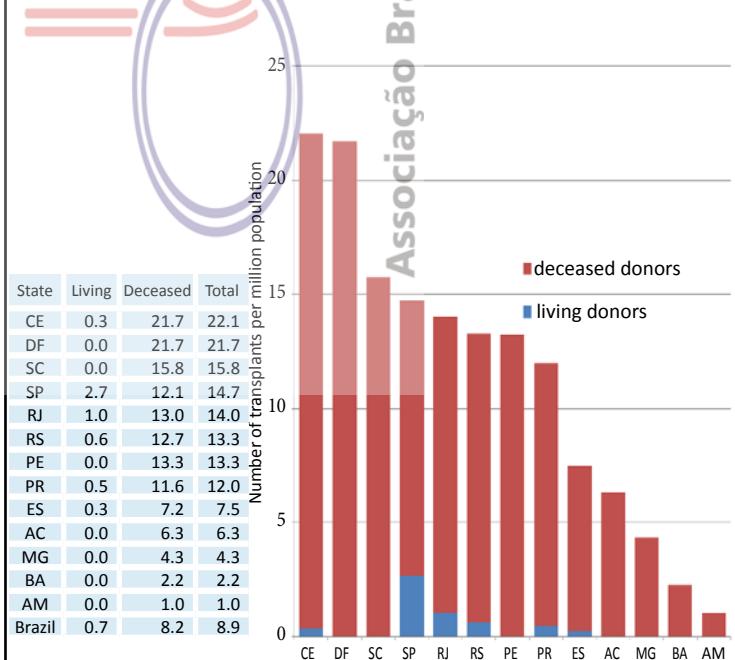
Number of transplants by state during the year 2015



Survival Curves: Prospective started in 2010



Number of transplants per million population by state during the year 2015



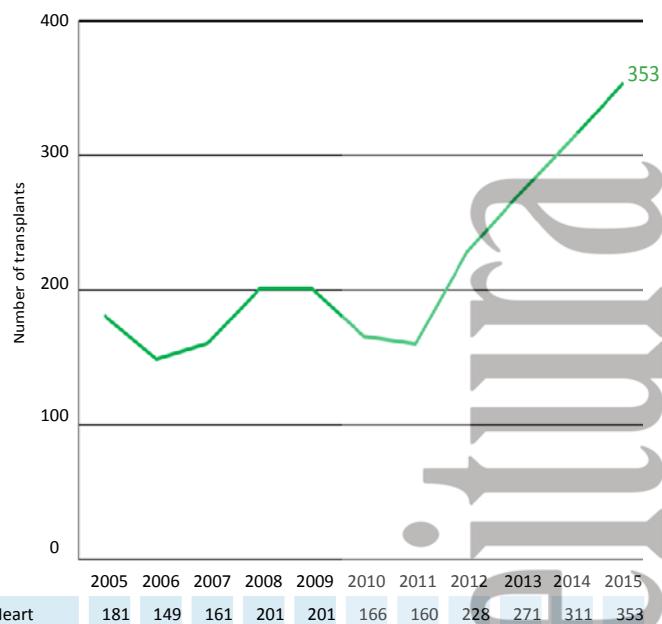
Cumulative survival include data from transplant teams who reported 100% of their transplants during the period.



Annual number of transplants in Brazil between 2005 and 2015

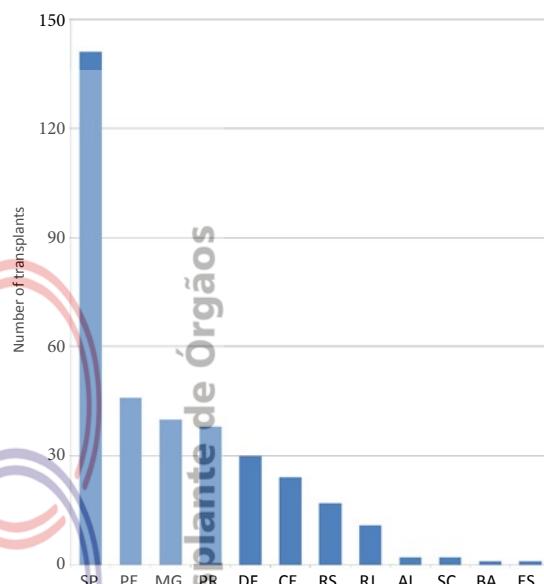
Heart - (in 12 States, with 33 active teams)

Annual number in Brazil

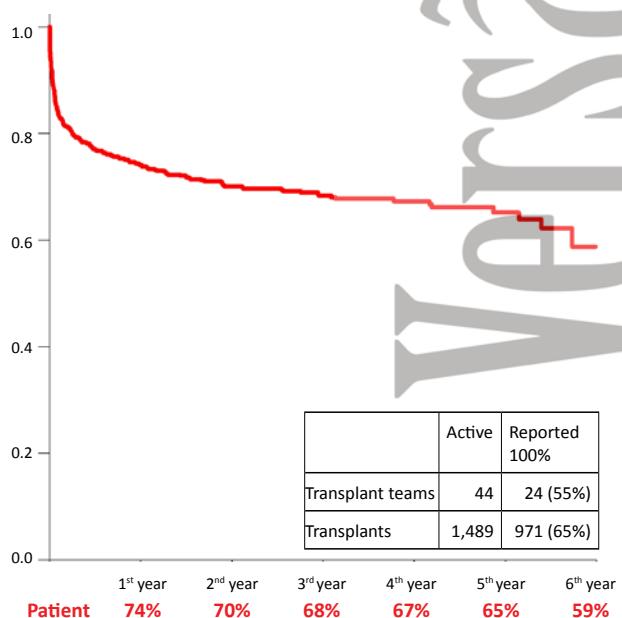


Annual number of transplants by state during the year 2015

State	Total
SP	141
PE	46
MG	40
PR	38
DF	30
CE	24
RS	17
RJ	11
AL	2
SC	2
BA	1
ES	1
Brazil	353



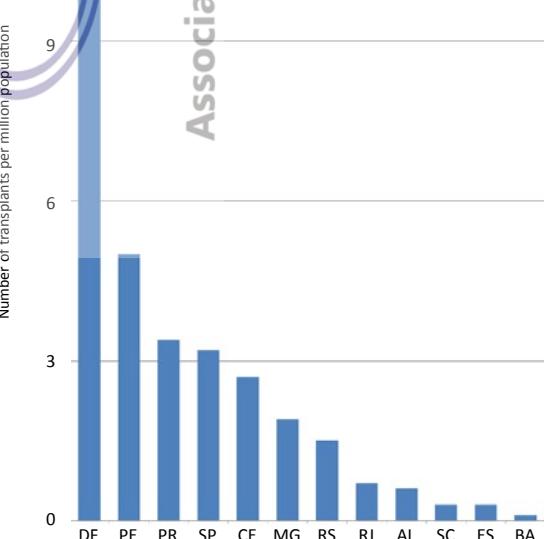
Survival Curves: Prospective started in 2010



Cumulative survival include data from transplant teams who reported 100% of their results during the period

Number of transplants per million population by state during the year 2015

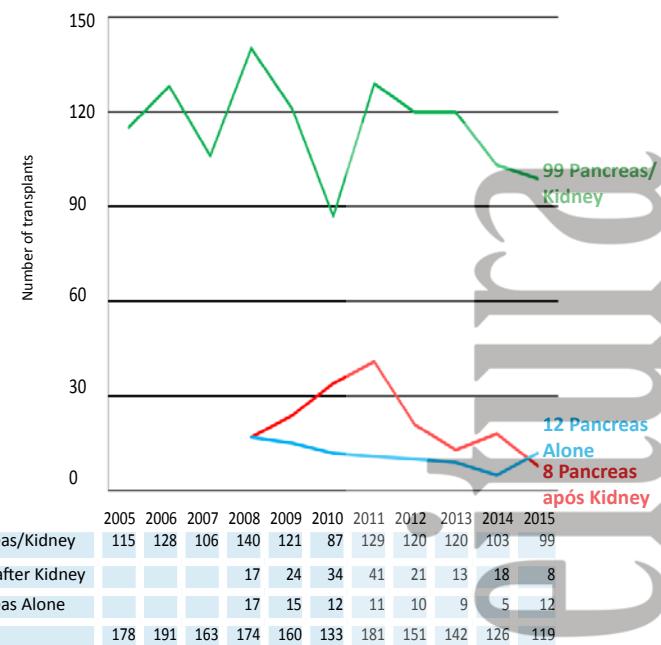
State	Total
DF	10.5
PE	5.0
PR	3.4
SP	3.2
CE	2.7
MG	1.9
RS	1.5
RJ	0.7
AL	0.6
SC	0.3
ES	0.3
BA	0.1
Brazil	1.7



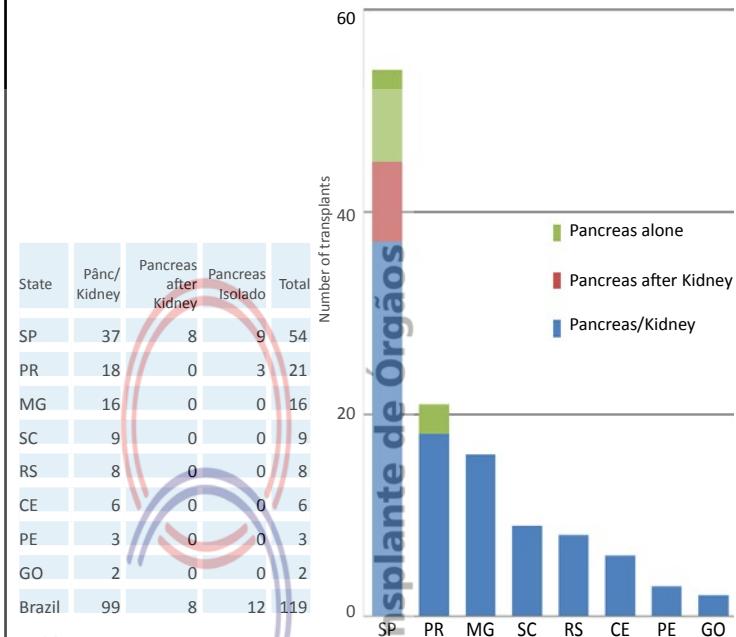
Annual number of transplants in Brazil between 2005 and 2015

Pancreas - (in 8 state, with 16 active teams)

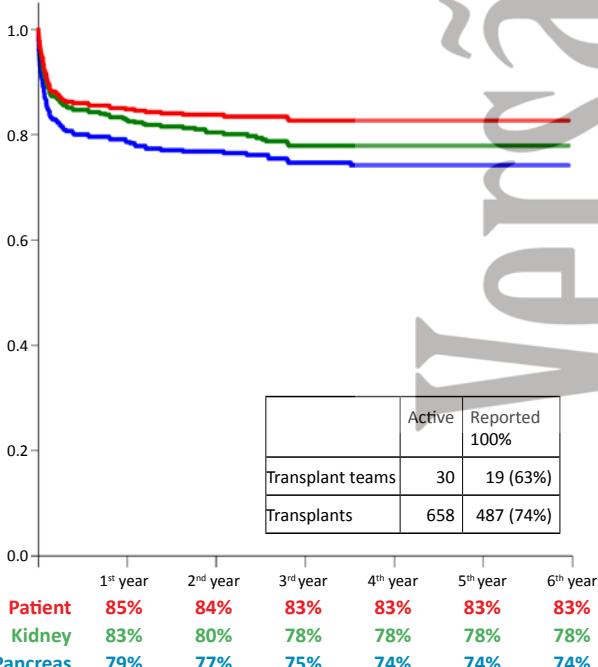
Annual number in Brazil



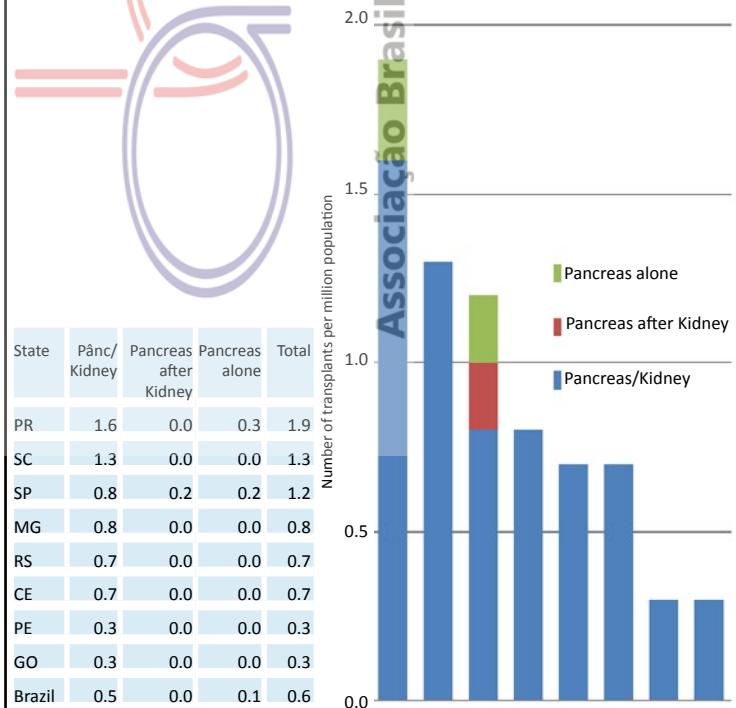
Number of transplants by state during the year 2015



Survival Curves: Prospective started in 2010
(Pancreas/Kidney)



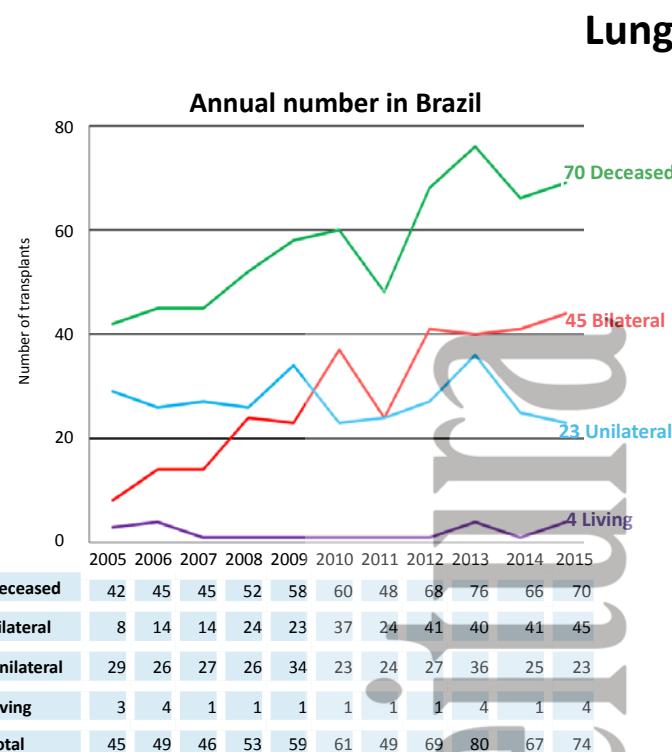
Number of transplants per million population by state during the year 2015



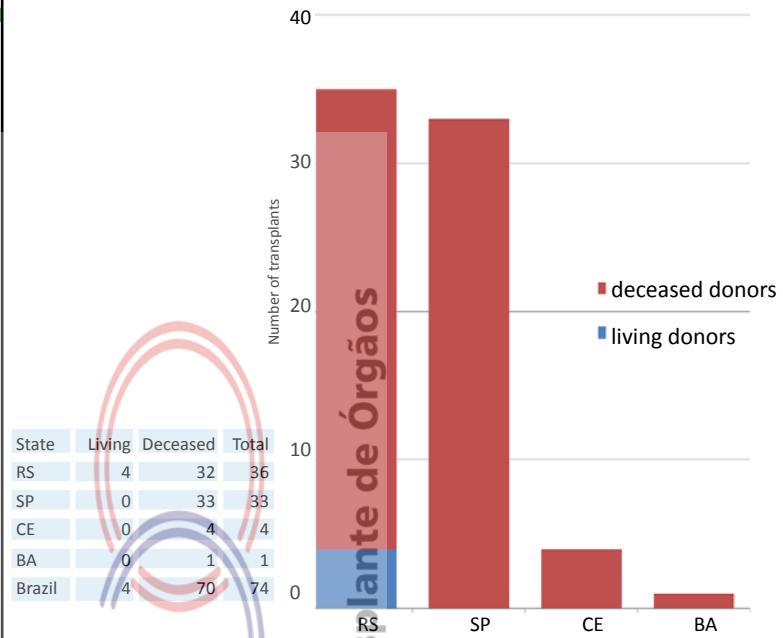
Cumulative survival include data from transplant teams who reported 100% of their retransplants during the period



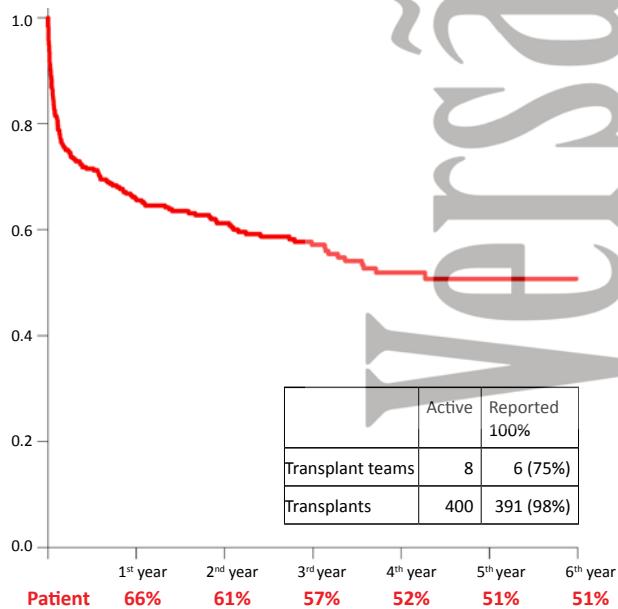
Annual number of transplants in Brazil between 2005 and 2015



Number of transplants of state during the year 2015



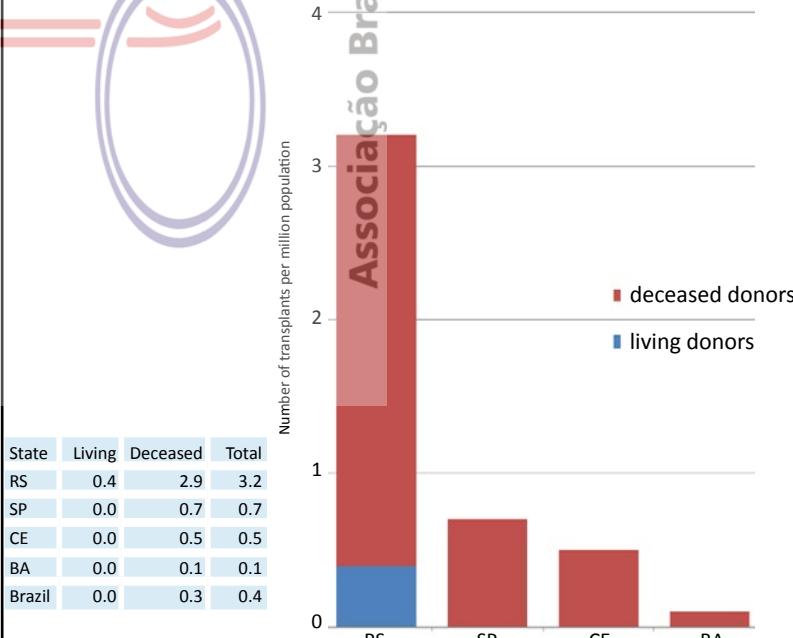
Survival Curves: Prospective started in 2010



Cumulative survival include data from transplant teams who reported 100% of their results during the period



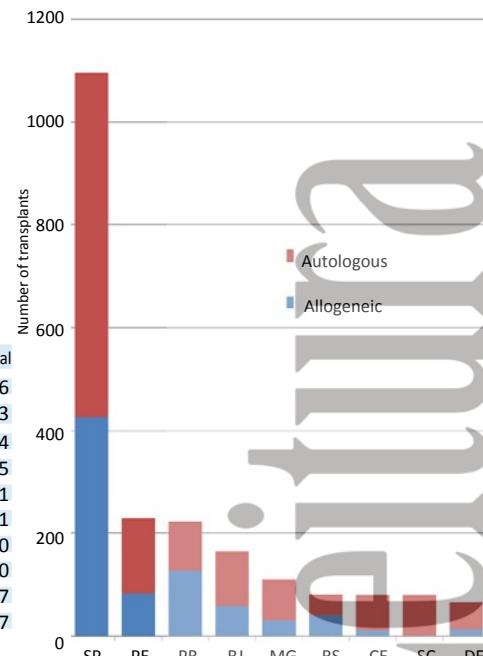
Number of transplants per million population by state during the year 2015



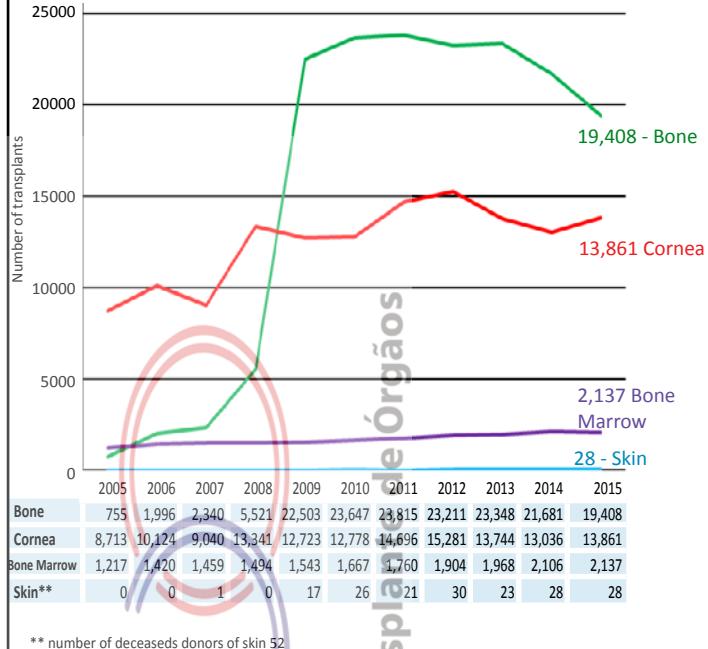
Annual number of transplants in Brazil between 2005 and 2015

Bone Marrow - (in 9 states with 57 active teams)

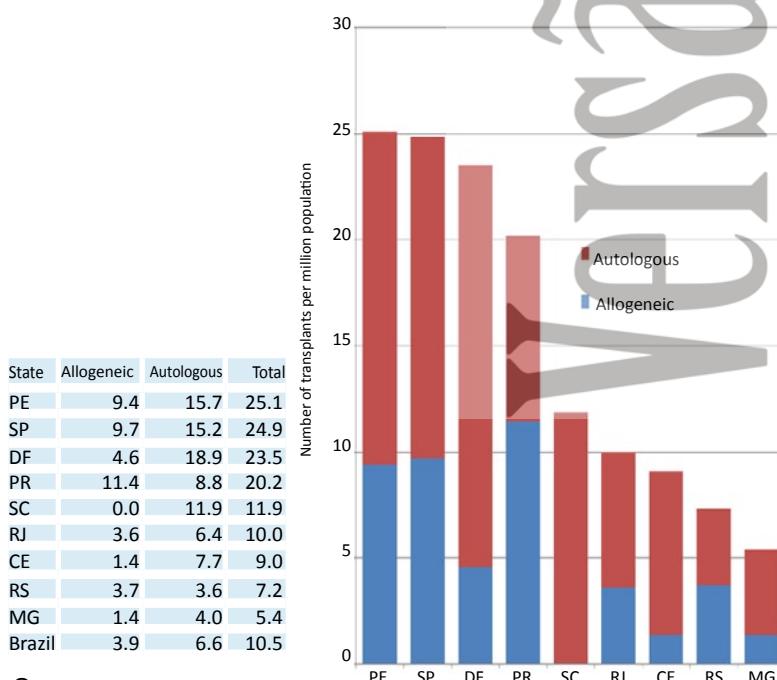
Number of bone marrow transplants by state during the year 2015



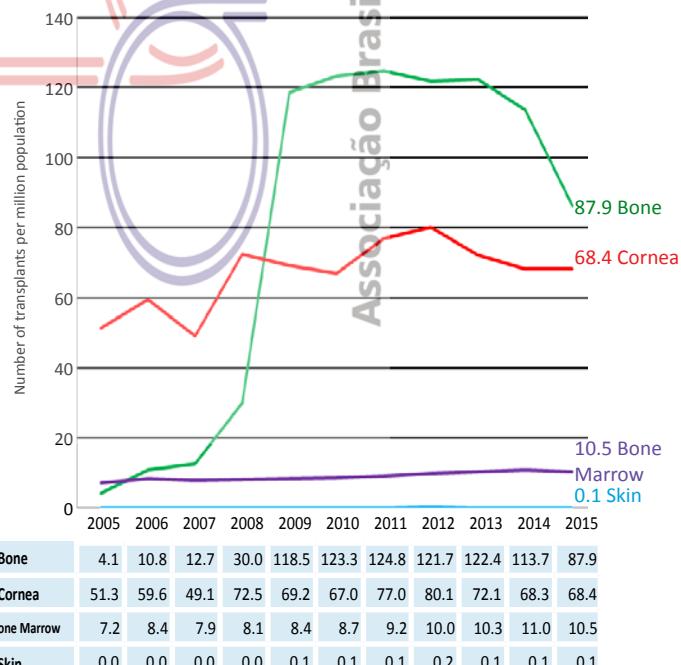
Annual number of tissue and Bone Marrow transplants



Number of bone marrow transplants per million population by state during the year 2015



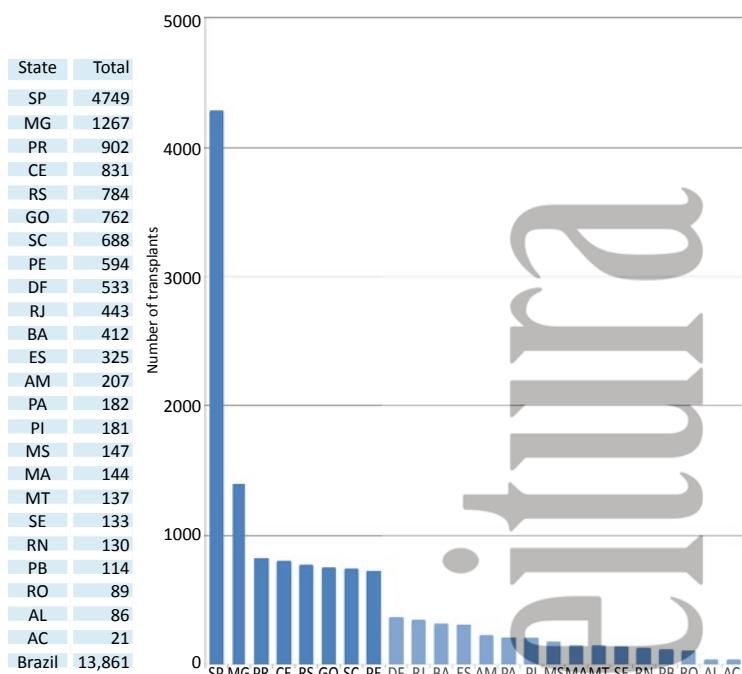
Tissue and bone marrow transplants per million population



Annual number of transplants in Brazil between 2005 and 2015

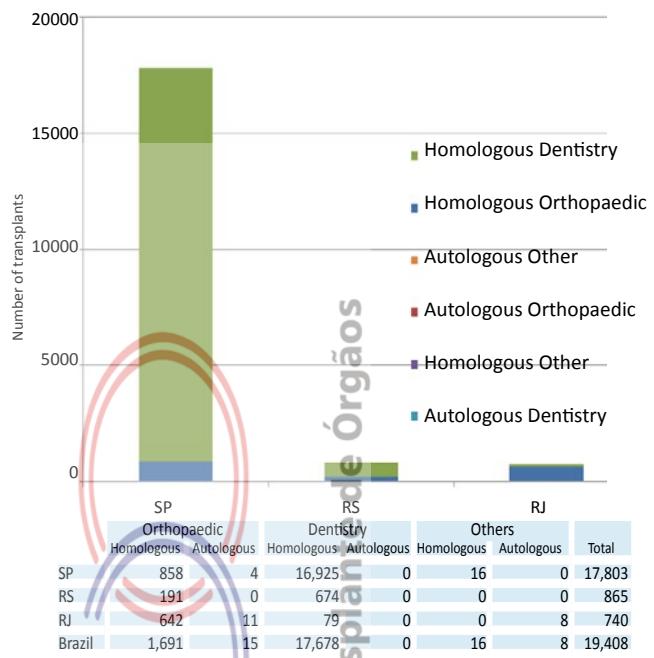
Cornea - (in 24 States)

Number of cornea transplants by state during the year 2015

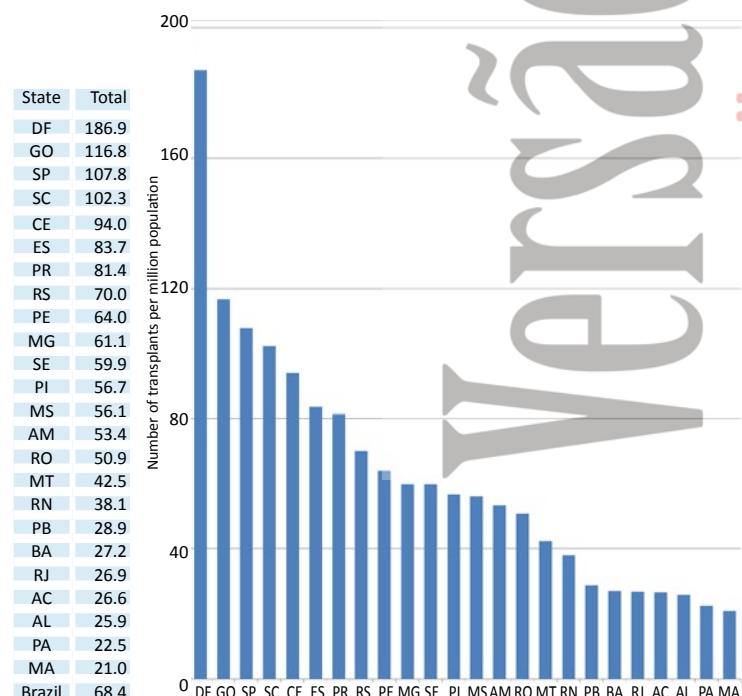


Bone- (in 3 States)

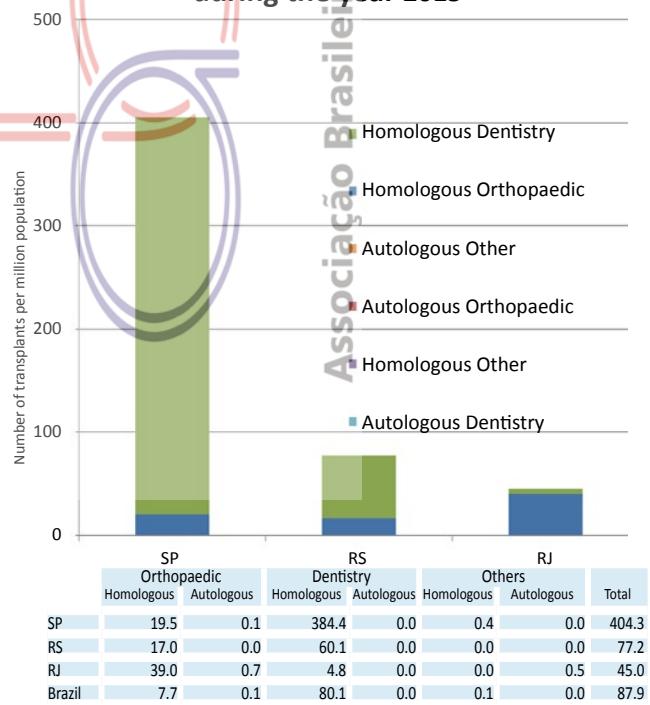
Number of bone transplants data available from five tissue banks in four states, during the year 2015



Number of cornea transplants per million population during the year 2015



Bone transplants per million population data available from five tissue banks in four states, during the year 2015



PEDIATRIC TRANSPLANTATION

EDITORIAL

Children and the waiting list for organ transplantation

In 2015, there was a decrease of 8% in the number of solid organ transplants in children in Brazil.

The number of pediatric kidney transplants has been changing every year. In 2014, it was 13.3% higher than in 2013 and 7.4% less than 2012, the best year so far. In 2015, 532 transplants were performed, a decrease of 5% compared to 2014. All states decreased the number of kidney transplants, except Pernambuco and Minas Gerais.

Pediatric liver transplants also had a 7% decrease. Interestingly, in recent years, there was a progressive increase in the number of living liver donor transplants, which for three consecutive years outnumbered the deceased donor transplants.

The heart (0.6 per million pediatric population (PMP)) and lung (0.1 PMP) transplant rates remained stable, however, the numbers are very small. Unfortunately, we still don't know the real demand for such transplants in children.

With the RBT (Brazilian Transplant Registry) in 2015, we started to have data from the waiting list for pediatric transplantation. In December 2015, there were 379 children in kidney, 102 in liver, 49 in heart and 15 in lung waiting lists.

Data analysis shows disproportion in distribution of children in the kidney list, 63% of them listed in the state of São Paulo, which held 42% of pediatric kidney transplants in the country. The state that performs more transplants per number of inhabitants is Rio Grande do Sul, followed by São Paulo, Pernambuco and Ceará. Children of the North and Midwest regions do not get transplanted there and probably migrate to other states, especially São Paulo.

In 2015, 80% of the pediatric patients who entered the kidney list got transplanted, the same occurred with 72% of liver, 54% of lung and 42% of heart recipients.

The pediatric population in Brazil is approximately 53 million (IBGE data). Brazil has a prevalence of terminal CKD around 20pmpp and an incidence of 6,6pmpp. We would expect around 349 children

to enter the kidney waiting list each year. In 2015, 396 new children were enrolled and 316 were transplanted. If these data are correct, the number of pediatric kidney transplants in children is appropriate.

Children with liver, heart and lung diseases that require transplants, are few in number in the list and probably are not having access to specialized centers.

The critical look at the data of this record and the comparison with data from previous years is important, not only to let us know how we are performing, but also to let us plan development strategies in pediatric transplantation in Brazil to the years to come.

It is clear that we need to work in facilitating the entry of children on the list, in the training of transplant centers in the Midwest and North regions and in increasing living donor kidney transplantation and deceased donor liver transplants.

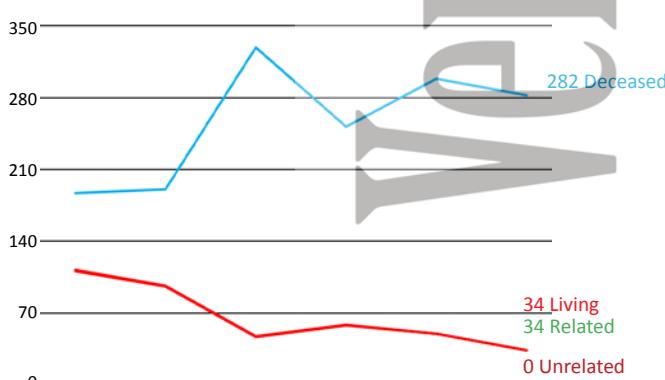
Let's keep optimistic and hope 2016 will be a year where we can educate more people and health care centers to make children's access to transplantation easier and faster.

CLOTILDE DRUCK GARCIA
VIVIANE DE BARROS BITTENCOURT
SANTO PASCUAL VITOLA
MARCELO TAVARES
JULIO WIEDEKEHR

Number of pediatric transplants, during 2015

Organ	Living	Deceased	Total	PMP	Teams
Heart	0	33	33	0.6	13
Liver	108	68	176	3.2	22
Lung	2	5	7	0.1	2
Kidney	34	282	316	6.0	55
Total	144	388	532	92	

Annual number of pediatric liver transplants



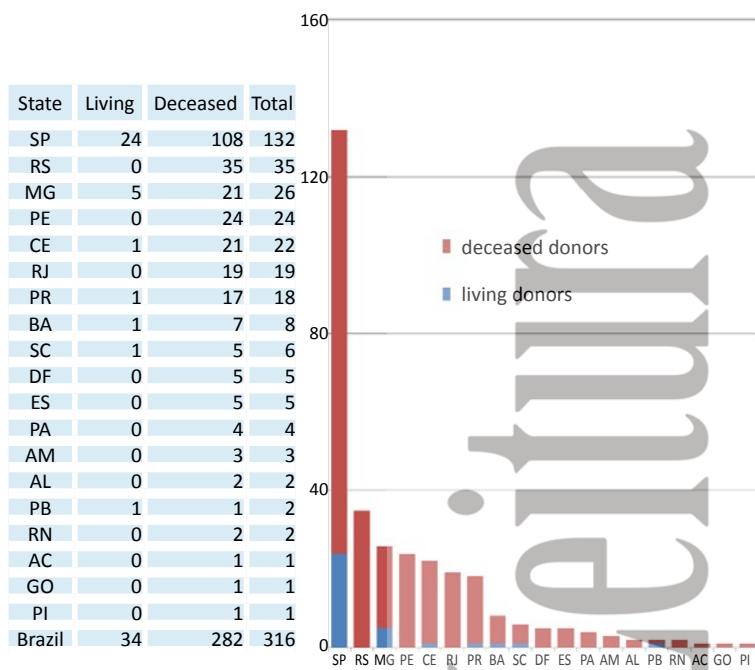
Annual number of pediatric liver transplants



PEDIATRIC TRANSPLANTATION

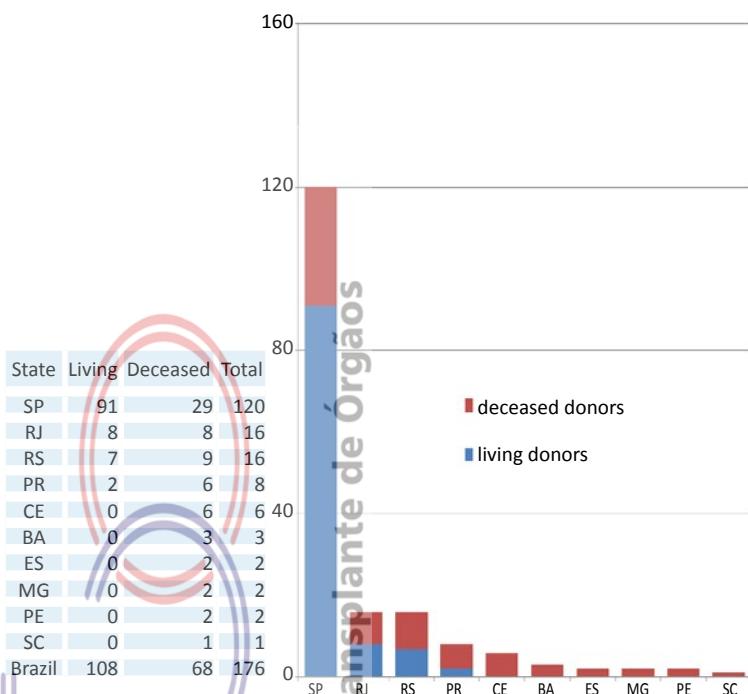
Kidney

Number of transplants per state during the year 2015

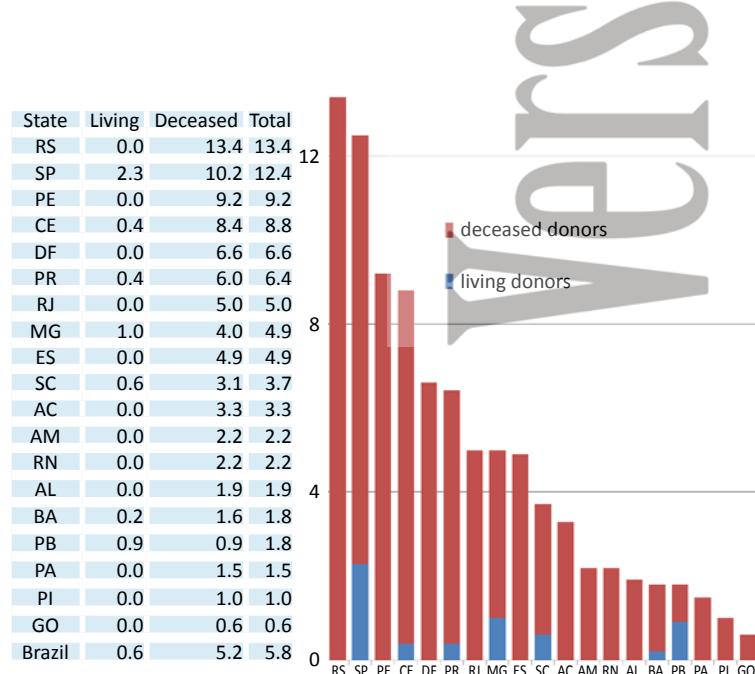


Liver

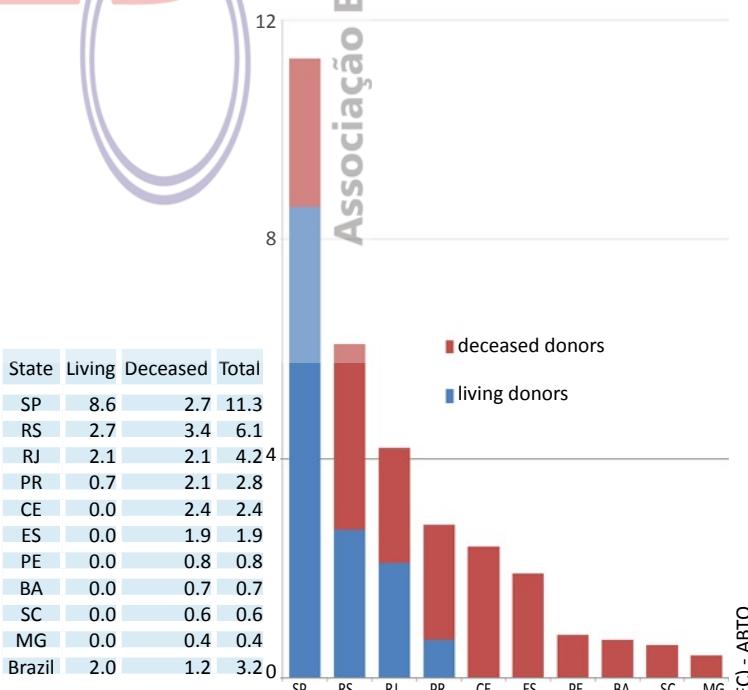
Number of transplants per state during the year 2015



Transplants pmp per state in 2015



Transplants pmp per state in 2015



DATA FROM BRAZILIAN REGIONS

GENERAL DATA

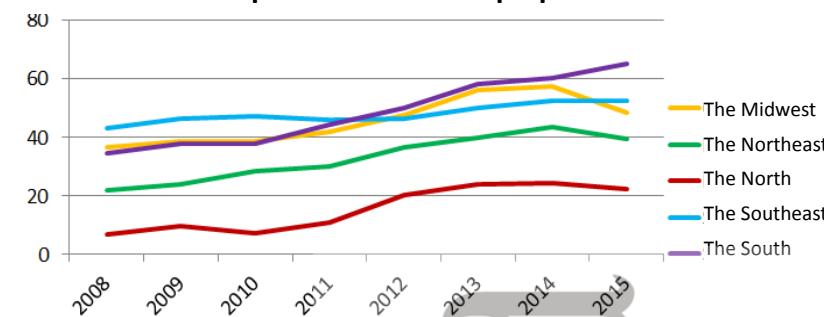


Population	2008	2009	2010	2011	2012	2013	2014	2015
The Midwest	13,222,854	13,222,854	14,058,094	14,058,094	14,058,094	14,058,094	14,058,094	15,219,608
The Northeast	51,534,406	51,534,406	53,081,950	53,081,950	53,081,950	53,081,950	53,081,950	56,186,190
The North	14,623,316	14,623,316	15,864,454	15,864,454	15,864,454	15,864,454	15,864,454	17,231,027
The Southeast	77,873,120	77,873,120	80,364,410	80,364,410	80,364,410	80,364,410	80,364,410	85,115,623
The South	26,733,595	26,733,595	27,386,891	27,386,891	27,386,891	27,386,891	27,386,891	29,016,114

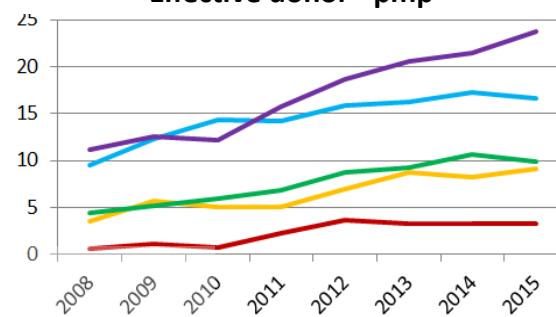
DATA FROM BRAZILIAN REGIONS

ORGAN DONATION

Notified potential donors - pmp



Effective donor - pmp



Number of potential donors by year

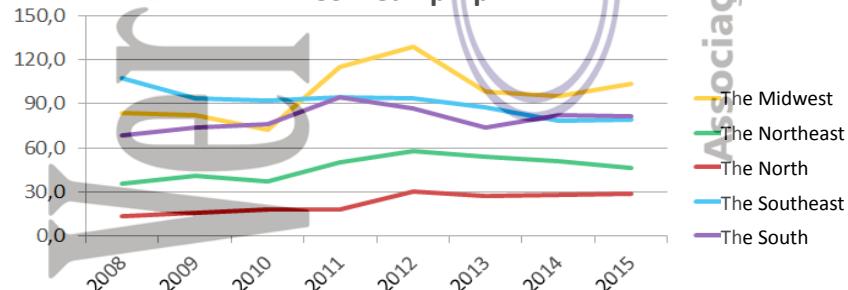
Absolute numbers	2008	2009	2010	2011	2012	2013	2014	2015
The Midwest	484	508	544	589	671	789	807	734
The Northeast	1,139	1,241	1,509	1,589	1,948	2,102	2,298	2,208
The North	102	143	112	175	319	378	384	401
The Southeast	3,343	3,593	3,781	3,673	3,718	4,010	4,219	4,474
The South	924	1,005	1,033	1,212	1,369	1,592	1,643	1,881
Number pmp	2008	2009	2010	2011	2012	2013	2014	2015
The Midwest	36.6	38.4	38.7	41.9	47.7	56.1	57.4	48.2
The Northeast	22.1	24.1	28.4	29.9	36.7	39.6	43.3	39.3
The North	7.0	9.8	7.1	11.0	20.1	23.8	24.2	23.3
The Southeast	42.9	46.1	47.0	45.7	46.3	49.9	52.5	52.6
The South	34.6	37.6	37.7	44.3	50.0	58.1	60.0	64.8

Number of effective donors by year

Absolute numbers	2008	2009	2010	2011	2012	2013	2014	2015
The Midwest	47	75	72	72	98	124	115	139
The Northeast	227	269	321	367	466	489	569	555
The North	9	16	11	37	58	53	53	57
The Southeast	738	961	1,159	1,143	1,274	1,298	1,387	1,414
The South	296	337	335	429	510	562	589	689
Number pmp	2008	2009	2010	2011	2012	2013	2014	2015
The Midwest	3.6	5.7	5.1	5.1	7.0	8.8	8.2	9.1
The Northeast	4.4	5.2	6.0	6.9	8.8	9.2	10.7	9.9
The North	0.6	1.1	0.7	2.3	3.7	3.3	3.3	3.3
The Southeast	9.5	12.3	14.4	14.2	15.9	16.2	17.3	16.6
The South	11.1	12.6	12.2	15.7	18.6	20.5	21.5	23.7

TRANSPLANTE DE TECIDOS

Cornea - pmp

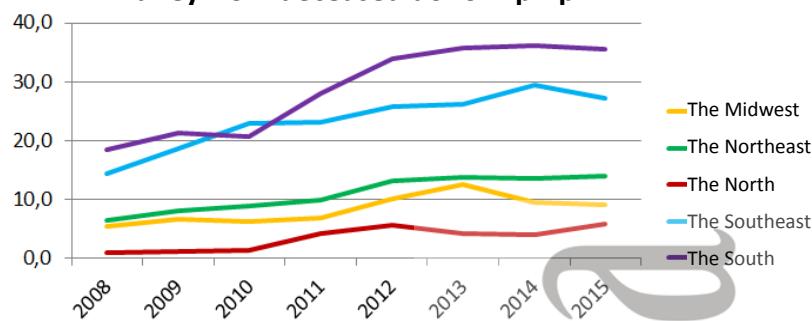


Cornea	2008	2009	2010	2011	2012	2013	2014	2015
Absolute numbers	13,341	12,723	12,778	14,696	15,281	13,744	13,036	13,861
The Midwest	1,103	1,091	1,018	1,620	1,811	1,377	1,341	1,579
The Northeast	1,826	2,114	1,977	2,651	3,087	2,883	2,697	2,625
The North	194	230	294	287	481	438	447	499
The Southeast	8,377	7,320	7,398	7,557	7,534	7,022	6,321	6,784
The South	1,841	1,968	2,091	2,581	2,368	2,024	2,250	2,374
Number pmp	83.4	82.5	72.4	115.2	128.8	98.0	95.4	103.7
The Midwest	35.4	41.0	37.2	49.9	58.2	54.3	50.8	46.7
The Northeast	13.3	15.7	18.5	18.1	30.3	27.6	28.2	29.0
The Southeast	107.6	94.0	92.1	94.0	93.7	87.4	78.7	79.7
The South	68.9	73.6	76.4	94.2	86.5	73.9	82.2	81.8

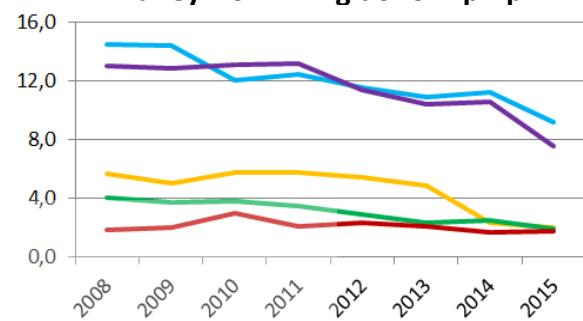
DATA FROM BRAZILIAN REGIONS

Organ Transplantation

Kidney from deceased donor - pmp



Kidney from living donor - pmp



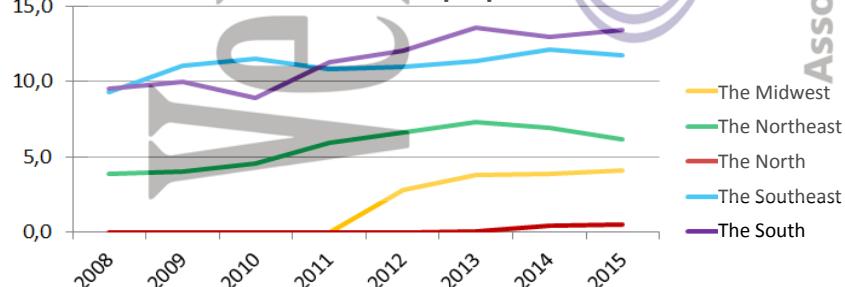
Kidney (living donors)	2008	2009	2010	2011	2012	2013	2014	2015
Absolute numbers	1,788	1,752	1,656	1,661	1,503	1,382	1,386	1,172
The Midwest	75	67	81	81	76	68	33	31
The Northeast	210	194	203	187	153	124	132	107
The North	27	29	47	33	37	33	27	30
The Southeast	1,129	1,118	967	999	925	872	904	784
The South	347	344	358	361	312	285	290	220

Number pmp	2008	2009	2010	2011	2012	2013	2014	2015
The Midwest	5.7	5.1	5.8	5.8	5.4	4.8	2.3	2.0
The Northeast	4.1	3.8	3.8	3.5	2.9	2.3	2.5	1.9
The North	1.8	2.0	3.0	2.1	2.3	2.1	1.7	1.7
The Southeast	14.5	14.4	12.0	12.4	11.5	10.9	11.2	9.2
The South	13.0	12.9	13.1	13.2	11.4	10.4	10.6	7.6

Kidney (deceased donors)	2008	2009	2010	2011	2012	2013	2014	2015
Absolute numbers	2,035	2,545	3,005	3,330	3,926	4,066	4,267	4,384
The Midwest	73	89	88	97	143	177	134	140
The Northeast	330	417	479	532	698	731	715	792
The North	15	18	24	68	91	69	64	100
The Southeast	1,125	1,448	1,845	1,867	2,066	2,108	2,364	2,319
The South	492	573	569	766	928	981	990	1,033

Number pmp	2008	2009	2010	2011	2012	2013	2014	2015
The Midwest	5.5	6.7	6.3	6.9	10.2	12.6	9.5	9.2
The Northeast	6.4	8.1	9.0	10.0	13.1	13.8	13.5	14.1
The North	1.0	1.2	1.5	4.3	5.7	4.3	4.0	5.8
The Southeast	14.4	18.6	23.0	23.2	25.7	26.2	29.4	27.2
The South	18.4	21.4	20.8	28.0	33.9	35.8	36.1	35.6

Liver - pmp

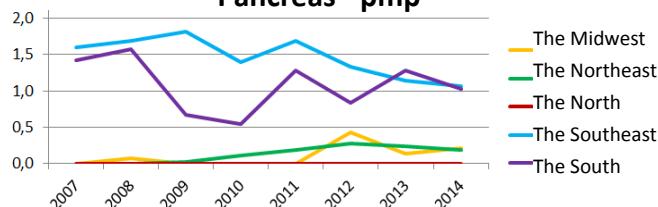


Liver	2008	2009	2010	2011	2012	2013	2014	2015
Absolute numbers	1,177	1,334	1,413	1,496	1,601	1,723	1,756	1,809
The Midwest	0	0	0	0	39	53	54	62
The Northeast	201	208	244	316	351	388	366	352
The North	0	0	0	0	0	1	7	9
The Southeast	721	859	926	872	882	909	975	998
The South	255	267	243	308	329	372	354	388

Number pmp	2008	2009	2010	2011	2012	2013	2014	2015
The Midwest	0.0	0.0	0.0	0.0	2.8	3.8	3.8	4.1
The Northeast	3.9	4.0	4.6	6.0	6.6	7.3	6.9	6.3
The North	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.5
The Southeast	9.3	11.0	11.5	10.9	11.0	11.3	12.1	11.7
The South	9.5	10.0	8.9	11.2	12.0	13.6	12.9	13.4

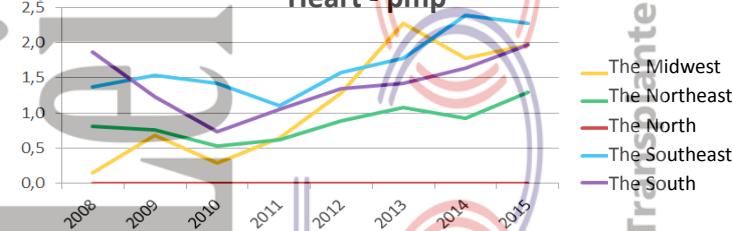
DATA FROM BRAZILIAN REGIONS

Pancreas - pmp



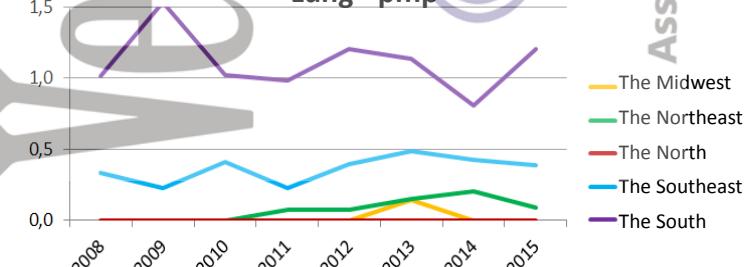
Pancreas	2008	2009	2010	2011	2012	2013	2014	2015
Absolute numbers	174	160	133	181	151	142	126	119
The Midwest	1	0	0	0	6	2	3	2
The Northeast	0	1	6	10	15	13	10	9
The North	0	0	0	0	0	0	0	0
The Southeast	131	141	112	136	107	92	85	70
The South	42	18	15	35	23	35	28	38
Number pmp	0.9	0.9	0.7	0.9	0.8	0.7	0.7	0.6
The Midwest	0.1	0.0	0.0	0.0	0.4	0.1	0.2	0.1
The Northeast	0.0	0.0	0.1	0.2	0.3	0.2	0.2	0.2
The North	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
The Southeast	1.7	1.8	1.4	1.7	1.3	1.1	1.1	0.8
The South	1.6	0.7	0.5	1.3	0.8	1.3	1.0	1.3

Heart - pmp



Heart	2008	2009	2010	2011	2012	2013	2014	2015
Absolute numbers	201	201	166	160	228	271	311	353
The Midwest	2	9	4	9	18	32	25	30
The Northeast	42	39	28	33	47	57	49	73
The North	0	0	0	0	0	0	0	0
The Southeast	107	120	114	89	126	143	192	193
The South	50	33	20	29	37	39	45	57
Number pmp	1.1	1.1	0.9	0.8	1.2	1.4	1.6	1.7
The Midwest	0.2	0.7	0.3	0.6	1.3	2.3	1.8	2.0
The Northeast	0.8	0.8	0.5	0.6	0.9	1.1	0.9	1.3
The North	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
The Southeast	1.4	1.5	1.4	1.1	1.6	1.8	2.4	2.3
The South	1.9	1.2	0.7	1.1	1.4	1.4	1.6	2.0

Lung - pmp



Lung	2008	2009	2010	2011	2012	2013	2014	2015
Absolute numbers	53	59	61	49	69	80	67	74
The Midwest	0	0	0	0	0	2	0	0
The Northeast	0	0	0	4	4	8	11	5
The North	0	0	0	0	0	0	0	0
The Southeast	26	18	33	18	32	39	34	33
The South	27	41	28	27	33	31	22	36
Number pmp	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
The Midwest	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
The Northeast	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.1
The North	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
The Southeast	0.3	0.2	0.4	0.2	0.4	0.5	0.4	0.4
The South	1.0	1.5	1.0	1.0	1.2	1.1	0.8	1.2

WAITING LIST

Active patients on the waiting list (december 2015)

State	Kidney	Liver	Heart	Lung	Pancreas	Panc/Kidney	Cornea	TOTAL
Total - Brazil	19,440	1,314	236	210	25	480	10,210	31,915
Acre	26	5	0	0	0	0	21	52
Alagoas	212	0	3	0	0	0	138	353
Amazonas	68	0	0	0	0	0	166	234
Bahia	653	40	1	0	0	0	1,174	1,868
Ceará	451	119	11	4	0	6	471	1,062
Distrito Federal	230	23	11	0	0	0	40	304
Espírito Santo	922	37	8	0	0	0	112	1,079
Goiás	306	0	1	0	0	4	600	911
Maranhão	108	0	0	0	0	0	739	847
Mato Grosso	0	0	0	0	0	0	184	184
Mato Grosso do Sul	13	0	0	0	0	0	25	38
Minas Gerais	2,424	25	27	13	2	41	335	2,867
Pará	89	0	0	0	0	0	1,039	1,128
Paraíba	205	0	0	0	0	0	298	503
Paraná	1,203	73	31	0	6	21	158	1,492
Pernambuco	607	35	8	0	0	1	79	730
Piauí	211	0	0	0	0	0	369	580
Rio de Janeiro	955	109	10	0	0	0	1,337	2,411
Rio Grande do Norte	139	0	0	0	0	0	66	205
Rio Grande do Sul	850	165	19	82	3	20	10	1,149
Rondônia	50	0	0	0	0	0	41	91
Santa Catarina	253	34	1	0	0	14	76	378
São Paulo	9,465	649	105	111	14	373	2,585	13,302
Sergipe	0	0	0	0	0	0	147	147

Active pediatric patients on the waiting list (december 2015)

State	Kidney	Liver	Heart	Lung	Pancreas	Panc/Kidney	Cornea	TOTAL
Total - Brazil	379	102	49	15	1	0	511	1,057
Acre	0	0	0	0	0	0	0	0
Alagoas	1	0	0	0	0	0	0	1
Amazonas	3	0	0	0	0	0	13	16
Bahia	18	0	0	0	0	0	63	81
Ceará	5	0	5	0	0	0	21	31
Distrito Federal	4	0	2	0	0	0	7	13
Espírito Santo	9	0	0	0	0	0	6	15
Goiás	1	0	0	0	0	0	34	35
Maranhão	6	0	0	0	0	0	55	61
Mato Grosso	0	0	0	0	0	0	15	15
Mato Grosso do Sul	0	0	0	0	0	0	0	0
Minas Gerais	21	0	0	0	0	0	32	53
Pará	4	0	0	0	0	0	54	58
Paraíba	2	0	0	0	0	0	15	17
Paraná	30	6	2	0	0	0	13	51
Pernambuco	9	2	2	0	0	0	3	16
Piauí	1	0	0	0	0	0	27	28
Rio de Janeiro	12	8	3	0	0	0	12	35
Rio Grande do Norte	0	0	0	0	0	0	0	0
Rio Grande do Sul	15	1	5	9	0	0	1	31
Rondônia	0	0	0	0	0	0	0	0
Santa Catarina	0	0	0	0	0	0	0	0
São Paulo	238	85	30	6	1	0	140	500
Sergipe	0	0	0	0	0	0	0	0

WAITING LIST

Number of patients who entered the waiting list and mortality during 2015 by State

	Kidney		Liver		Heart		Lung		Pancreas		Pancreas/Kidney		Cornea		TOTAL		
	Total	Pediatric	Total	Pediatric	Total	Pediatric	Total	Pediatric	Total	Pediatric	Total	Pediatric	Total	Pediatric	Total	Pediatric	
Total - Brazil	Entering	9,342	396	2,634	245	435	74	123	13	22	0	215	0	16,170	924	28,941	1,652
	Mortality	1,215	11	835	31	145	20	54	2	2	0	36	0	46	0	2,333	64
Acre	Entering	19	0	5	0									21	0	45	0
	Mortality	0	0	4	0									0	0	4	0
Alagoas	Entering	106	1			3	0							8	0	117	1
	Mortality	0	0			0	0							0	0	0	0
Amazonas	Entering	187	6	19	0									238	20	444	26
	Mortality	3	0	3	0									0	0	6	0
Bahia	Entering	366	18	72	2	3	0	1	0					713	44	1,155	64
	Mortality	29	1	22	1	1	0	0	0					3	0	55	2
Ceará	Entering	384	24	363	6	24	8	8	0	0	0	7	0	1377	64	2,163	102
	Mortality	11	0	34	1	17	1	4	0	0	0	1	0	2	0	69	2
Distrito Federal	Entering	172	9	79	1	35	7	0	0	0	0	0	0	496	33	782	50
	Mortality	9	0	15	1	11	3	0	0	0	0	0	0	2	0	37	4
Espírito Santo	Entering	79	0	18	0	4	0	0	0	0	0	0	0	105	0	206	0
	Mortality	65	1	8	0	1	0	0	0	0	0	0	0	1	0	75	1
Goiás	Entering	120	1			0	0							2	0	1,150	69
	Mortality	0	0			0	0							0	8	0	8
Maranhão	Entering	55	2											275	17	330	19
	Mortality	2	0											1	0	3	0
Mato Grosso	Entering													219	19	219	19
	Mortality													0	0	0	0
Mato Grosso do Sul	Entering	12	0											184	14	196	14
	Mortality	1	0											0	0	1	0
Minas Gerais	Entering	1046	28	128	3	52	2	1	0	1	0	28	0	1853	138	3,109	171
	Mortality	146	0	22	0	8	1	0	0	0	0	3	0	5	0	184	1
Pará	Entering	427	14											437	27	864	41
	Mortality	0	0											0	0	0	0
Paraíba	Entering	157	2	0	2									220	11	377	15
	Mortality	8	0	0	0									3	0	11	0
Paraná	Entering	733	40	214	14	58	6			5	0	25	0	1,230	80	2,265	140
	Mortality	140	1	65	1	14	1			0	0	0	0	4	0	223	3
Pernambuco	Entering	247	5	35	2	5	1	0	0	0	0	1	0	45	1	333	9
	Mortality	110	3	26	2	3	0	0	0	0	0	0	0	0	0	139	5
Piauí	Entering	119	0											247	16	366	16
	Mortality	13	0											5	0	18	0
Rio de Janeiro	Entering	501	11	88	0	8	1	0	0	0	0	0	0	639	6	1,236	18
	Mortality	13	1	35	0	2	1	0	0	0	0	0	0	6	0	56	2
Rio Grande do Norte	Entering	72												159		231	0
	Mortality	1												0	1	0	0
Rio Grande do Sul	Entering	716	43	285	18	31	8	57	6	2	0	20	0	1075	57	2,186	132
	Mortality	70	0	58	4	11	5	19	2	0	0	1	0	0	0	159	11
Rondônia	Entering	69	0	0	0	0	0	0	0	0	0	0	0	67	0	136	0
	Mortality	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Catarina	Entering	280	6	152		4						11		662		1,109	6
	Mortality	23		19		2						2		1		47	0
São Paulo	Entering	3,475	186	1,176	197	208	41	56	7	14	0	121	0	4,736	309	9,786	740
	Mortality	571	4	524	21	75	8	31	0	2	0	29	0	5	0	1,237	33
Sergipe	Entering													136		136	0
	Mortality													0		0	0

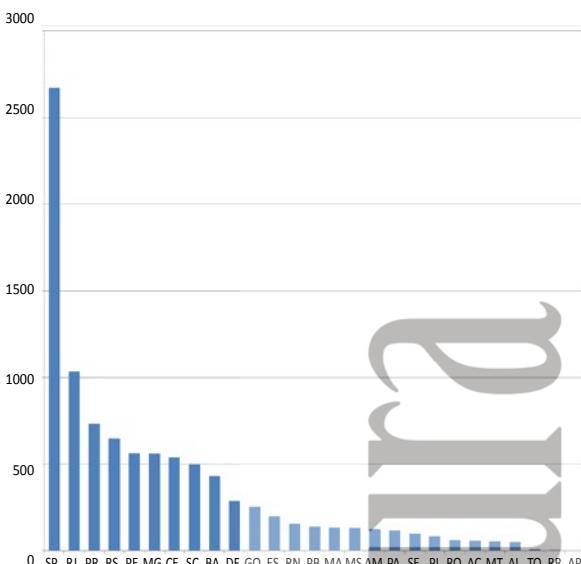
Associação Brasileira de Transplante de Órgãos

DATA FROM INDIVIDUAL STATES

ORGAN DONATION x TRANSPLANTS DURING YEAR 2015

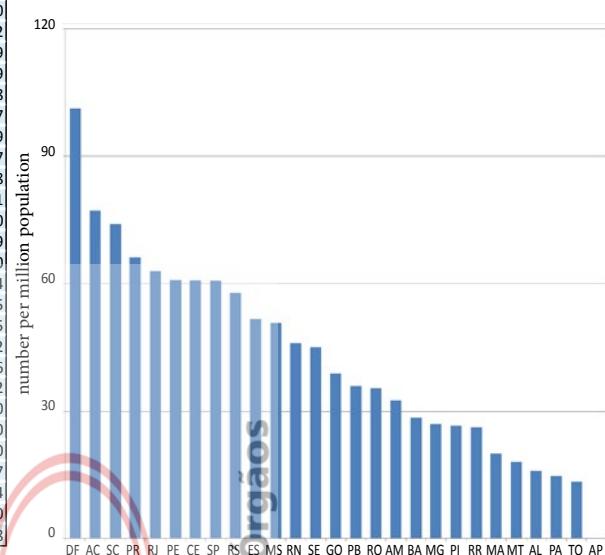
State	Total
SP	2673
RJ	1035
PR	734
RS	649
PE	565
MG	565
CE	538
SC	498
BA	431
DF	289
GO	254
ES	201
RN	157
PB	142
MA	137
MS	133
AM	126
PA	119
SE	100
PI	85
RO	62
AC	61
MT	58
AL	53
TO	20
RR	13
AP	0
Brazil	9,698

Number notifications of potential donors, by state



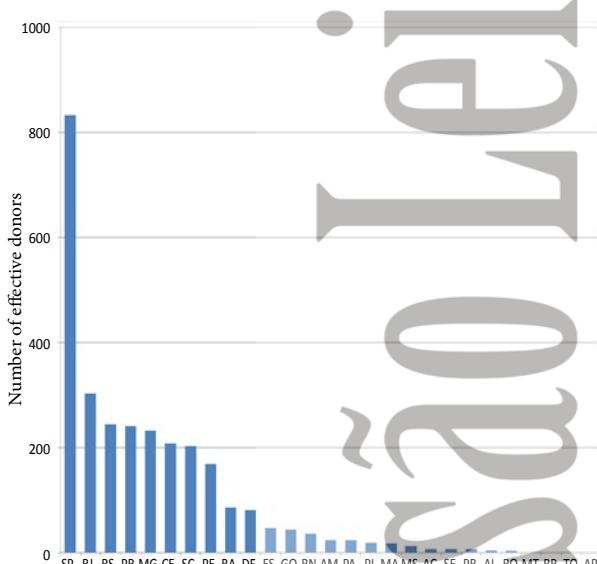
State	Total
DF	101.3
AC	77.2
SC	74.0
PR	66.2
RJ	62.9
PE	60.9
CE	60.8
SP	60.7
RS	57.9
ES	51.7
MS	50.8
RN	46.1
SE	45.0
GO	38.9
PB	36.0
RO	35.4
AM	32.5
BA	28.5
MG	27.2
PI	26.6
RR	26.2
MA	20.0
MT	18.0
AL	16.0
PA	14.7
TO	13.4
AP	0.0
Brazil	47.8

Number notifications of potential donors, per million population, by state



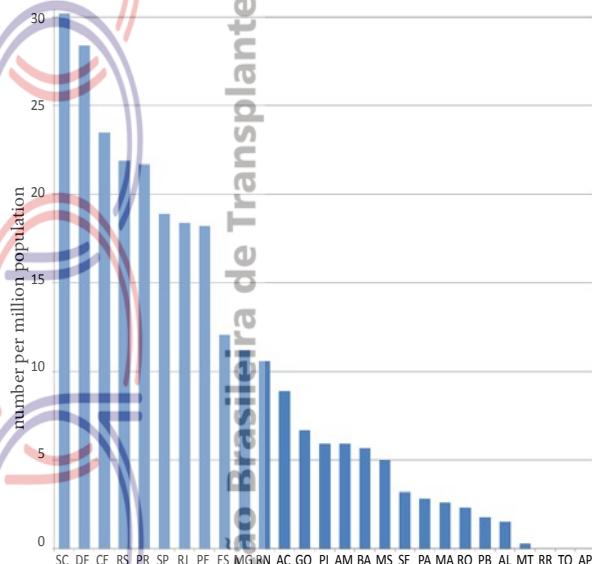
State	Total
SP	832
RJ	303
RS	245
PR	241
MG	232
CE	208
SC	203
PE	169
BA	86
DF	81
ES	47
GO	44
RN	36
AM	23
PA	23
PI	19
MA	18
MS	13
AC	7
SE	7
PB	7
AL	5
RO	4
MT	1
RR	0
TO	0
AP	0
Brazil	2,854

Number of effective donors by state



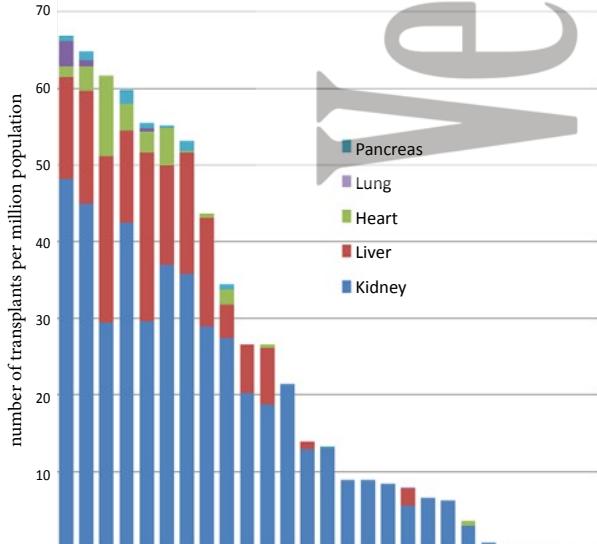
State	Total
SC	30.2
DF	28.4
CE	23.5
RS	21.9
PR	21.7
SP	18.9
RJ	18.4
PE	18.2
ES	12.1
MG	11.2
RN	10.6
AC	8.9
GO	6.7
PI	5.9
AM	5.9
BA	5.7
MS	5.0
SE	3.2
PA	2.8
MA	2.6
RO	2.3
PB	1.8
AL	1.5
MT	0.3
RR	0.0
TO	0.0
AP	0.0
Brazil	14.1

Number of effective donors, per million population



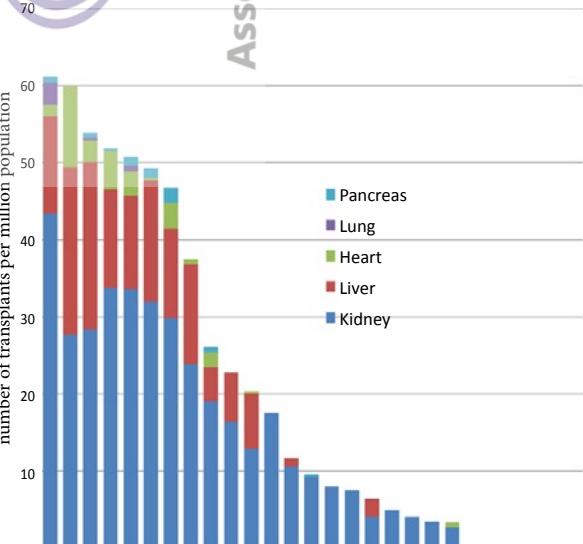
State	Total
RS	67.0
SP	64.9
DF	61.7
PR	59.8
CE	55.8
PE	55.7
SC	53.2
RJ	43.7
MG	34.5
AC	26.6
ES	26.5
RN	21.4
AM	13.9
GO	13.3
MA	8.9
PB	8.9
PI	8.5
BA	7.9
PA	6.6
RO	6.3
AL	3.6
MS	0.8
AP	0.0
MT	0.0
RR	0.0
TO	0.0
Brazil	39.0

Number of transplants of organ per million population



State	Total
RS	61.2
DF	60.0
CE	54.2
PE	52.4
SP	50.8
SC	49.4
PR	46.7
RJ	37.5
MG	26.1
AC	22.8
ES	20.3
RN	17.6
AM	11.6
GO	9.7
MA	8.0
PI	7.5
BA	6.4
PA	5.0
PB	4.1
RO	3.4
AL	3.3
MS	0.0
AP	0.0
MT	0.0
RR	0.0
SE	0.0
TO	0.0
Brazil	32.5

Number of transplants of organ (deceased donor) per million population

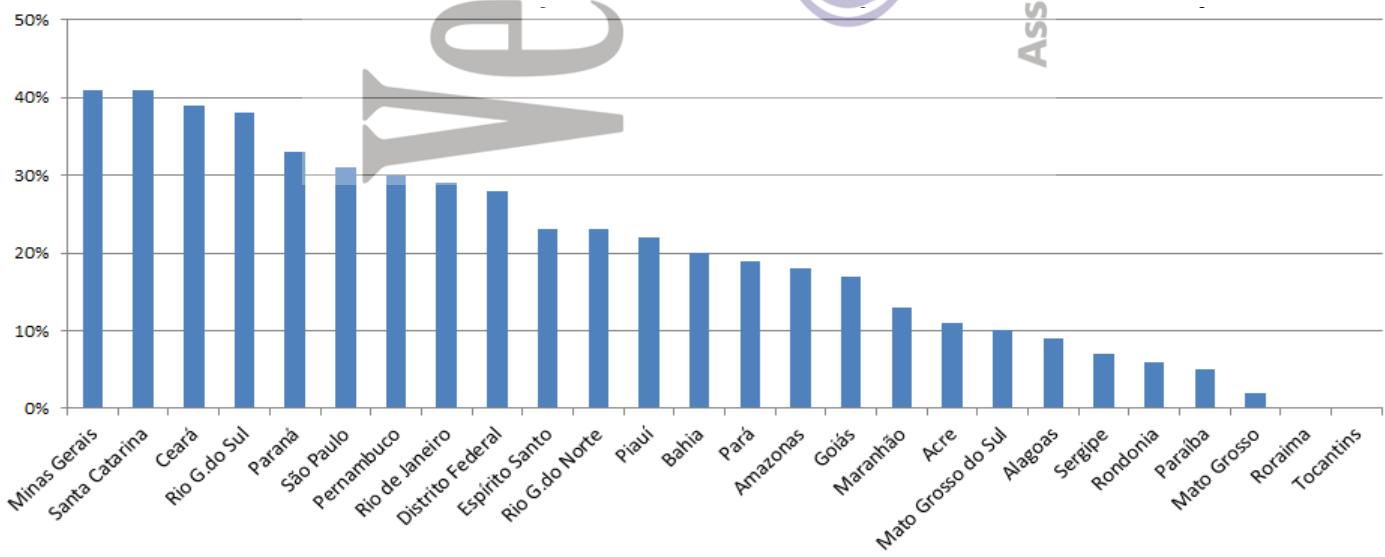


DATA FROM INDIVIDUAL STATES

Number of notifications of potential donors, effective donors and donors whose organs were transplanted by state during the year 2015

State	Notifications (potential donors)		Refused Donors		Effective donors		Donors with organs transplanted		Multiple Organ Donors	
	Nº	pmp/year	Nº	%	Nº	pmp/year	Nº	pmp/year	Nº	%
Total - Brazil	9,698	47.8	6844	(71%)	2,854	14.1	2,634	13.0	1,772	(67%)
Acre	61	77.2	54	(89%)	7	8.9	7	8.9	4	(57%)
Alagoas	53	16.0	48	(91%)	5	1.5	5	1.5	2	(40%)
Amapá	0	0.0	0	(0%)	0	0.0	0	0.0	0	(0%)
Amazonas	126	32.5	103	(82%)	23	5.9	23	5.9	9	(39%)
Bahia	431	28.5	345	(80%)	86	5.7	73	4.8	64	(88%)
Ceará	538	60.8	330	(61%)	208	23.5	193	21.8	169	(88%)
Distrito Federal	289	101.3	208	(72%)	81	28.4	64	22.4	36	(56%)
Espírito Santo	201	51.7	154	(77%)	47	12.1	37	9.5	30	(81%)
Goiás	254	38.9	210	(83%)	44	6.7	40	6.1	22	(55%)
Maranhão	137	20.0	119	(87%)	18	2.6	18	2.6	0	(0%)
Mato Grosso	58	18.0	57	(98%)	1	0.3	1	0.3	1	(0%)
Mato Grosso do Sul	133	50.8	120	(90%)	13	5.0	13	5.0	3	(23%)
Minas Gerais	565	27.2	333	(59%)	232	11.2	218	10.5	207	(95%)
Pará	119	14.7	96	(81%)	23	2.8	22	2.7	10	(45%)
Paraíba	142	36.0	135	(95%)	7	1.8	7	1.8	4	(57%)
Paraná	734	66.2	493	(67%)	241	21.7	241	21.7	148	(61%)
Pernambuco	565	60.9	396	(70%)	169	18.2	154	16.6	114	(74%)
Piauí	85	26.6	66	(78%)	19	5.9	19	5.9	11	(58%)
Rio de Janeiro	1035	62.9	732	(71%)	303	18.4	243	14.8	173	(71%)
Rio G.do Norte	157	46.1	121	(77%)	36	10.6	36	10.6	27	(75%)
Rio G.do Sul	649	57.9	404	(62%)	245	21.9	208	18.6	126	(61%)
Rondônia	62	35.4	58	(94%)	4	2.3	4	2.3	0	(0%)
Roraima	13	26.2	13	(100%)	0	0.0	0	0.0	0	(0%)
Santa Catarina	498	74.0	295	(59%)	203	30.2	188	27.9	150	(80%)
São Paulo	2673	60.7	1841	(69%)	832	18.9	813	18.5	457	(56%)
Sergipe	100	45.0	93	(93%)	7	3.2	7	3.2	5	(0%)
Tocantins	20	13.4	20	(100%)	0	0.0	0	0.0	0	(0%)

Percentage of donor effectiveness in relation to the number of notifications



DATA FROM INDIVIDUAL STATES

Reasons for non-fulfillment of organ donation by notified potential donors during the year 2015

State	Potential Donors	Family Interview			Exclusion Reasons					
					Medical Reasons		Cardiopulmonary Arrest		Others	
		accomplished	nonconsent	%	Nº	%	Nº	%	Nº	%
Total - Brazil	9,698	5,959	2,613	(44%)	1,416	(15%)	1,164	(12%)	1,651	(17%)
Acre	61	33	25	(76%)	14	(23%)	1	(2%)	14	(23%)
Alagoas	53	17	8	(47%)	0	(0%)	4	(8%)	36	(68%)
Amapá	0	0	0	(0%)	0	(0%)	0	(0%)	0	(0%)
Amazonas	126	60	34	(57%)	9	(7%)	2	(2%)	58	(46%)
Bahia	431	324	188	(58%)	46	(11%)	50	(12%)	61	(14%)
Ceará	538	342	129	(38%)	99	(18%)	94	(17%)	8	(1%)
Distrito Federal	289	139	48	(35%)	139	(48%)	2	(1%)	19	(7%)
Espírito Santo	201	100	51	(51%)	34	(17%)	3	(1%)	66	(33%)
Goiás	254	159	102	(64%)	43	(17%)	8	(3%)	57	(22%)
Maranhão	137	75	55	(73%)	17	(12%)	18	(13%)	29	(21%)
Mato Grosso	58	8	6	(75%)	0	(0%)	1	(2%)	50	(86%)
Mato Grosso do Sul	133	63	49	(78%)	39	(29%)	25	(19%)	7	(5%)
Minas Gerais	565	295	122	(41%)	30	(5%)	51	(9%)	130	(23%)
Pará	119	71	37	(52%)	19	(16%)	20	(17%)	20	(17%)
Paraíba	142	40	25	(63%)	18	(13%)	3	(2%)	89	(63%)
Paraná	734	495	195	(39%)	168	(23%)	97	(13%)	33	(4%)
Pernambuco	565	340	169	(50%)	152	(27%)	9	(2%)	66	(12%)
Piauí	85	48	26	(54%)	25	(29%)	14	(16%)	1	(1%)
Rio de Janeiro	1035	529	223	(42%)	263	(25%)	197	(19%)	49	(5%)
Rio G. do Norte	157	103	53	(51%)	24	(15%)	16	(10%)	28	(18%)
Rio G. do Sul	649	454	182	(40%)	91	(14%)	121	(19%)	10	(2%)
Rondônia	62	26	20	(77%)	0	(0%)	2	(3%)	36	(58%)
Roraima	13	0	0	(0%)	0	(0%)	0	(0%)	13	(100%)
Santa Catarina	498	376	150	(40%)	72	(14%)	6	(1%)	67	(13%)
São Paulo	2673	1824	685	(38%)	75	(3%)	417	(16%)	664	(25%)
Sergipe	100	37	30	(81%)	26	(26%)	3	(3%)	34	(34%)
Tocantins	20	1	1	(100%)	13	(65%)	0	(0%)	6	(0%)

DATA FROM INDIVIDUAL STATES

Profile: age, gender, cause of death and blood group of the organ donors

State	Gender		Causes of death			Age						Blood group				
	Masc	Fem	BT*	CVA	Others	≤5	6-10	11-17	18-34	35-49	50-64	≥65	A	AB	B	O
TOTAL - Brazil	1694	1160	1067	1403	384	50	42	130	699	816	883	234	1035	134	307	1378
Percentual	59%	41%	37%	49%	13%	2%	1%	5%	24%	29%	31%	8%	36%	5%	11%	48%
Acre	3	4	1	5	1	0	0	0	2	1	4	0	3	0	2	2
Alagoas	2	3	2	3	0	0	1	0	2	0	2	0	0	0	0	5
Amapá	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Amazonas	15	8	10	11	2	2	0	0	7	5	8	1	5	0	1	17
Bahia	44	42	28	49	9	0	2	1	20	23	33	7	31	3	10	42
Ceará	133	75	115	83	10	1	2	10	67	56	49	23	68	6	20	114
Distrito Federal	50	31	37	25	19	5	2	4	26	24	18	2	28	4	11	38
Espírito Santo	31	16	24	20	3	2	0	3	13	10	16	3	16	2	8	21
Goiás	24	20	27	14	3	1	1	2	17	15	6	2	17	0	10	17
Maranhão	11	7	6	10	2	1	0	1	6	4	6	0	10	0	0	8
Mato Grosso	0	1	1	0	0	0	0	1	0	0	0	0	1	0	0	0
Mato Grosso do Sul	9	4	5	1	7	0	0	1	5	3	4	0	6	1	0	6
Minas Gerais	137	95	99	108	25	4	3	9	67	72	62	15	88	11	21	112
Pará	19	4	17	3	3	0	0	2	13	6	2	0	9	0	3	11
Paraíba	6	1	1	1	5	1	0	0	2	1	3	0	2	0	0	5
Paraná	134	107	72	95	74	4	2	6	53	64	94	18	89	9	30	113
Pernambuco	116	53	72	80	17	1	3	11	50	48	46	10	57	5	18	89
Piauí	11	8	8	11	0	1	0	3	6	5	3	1	6	0	4	9
Rio de Janeiro	174	129	87	169	47	3	5	17	60	82	100	36	104	16	33	150
Rio Grande do Norte	25	11	12	14	10	2	1	0	7	11	13	2	10	1	5	20
Rio Grande do Sul	126	119	62	151	32	5	5	8	42	59	91	35	97	10	30	108
Rondônia	4	0	3	0	1	0	0	0	1	3	0	0	1	0	1	2
Roraima	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Santa Catarina	133	70	83	100	20	2	3	12	55	59	53	19	70	11	19	103
São Paulo	484	348	292	447	93	15	12	38	176	262	269	60	315	55	81	381
Sergipe	3	4	3	3	1	0	0	1	2	3	1	0	2	0	0	5
Tocantins	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

BT* Brain Trauma

ACRE

Population	790,101 (0.4%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung					
		Estimated demand											
		Transplants performed											
Rio Branco	363,928			71	47	20	6	6					
Territory (Km ²)	152,581.39			21	16	5	0	0					
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015					
All causes	2,858	2,892	3,009	3,157	3,293	3,318	Unavailable	Unavailable					
External causes	355	387	439	488	531	522	Unavailable	Unavailable					
Neurological causes	48	58	50	43	57	64	Unavailable	Unavailable					
Population	655,385	655,385	733,559	733,559	733,559	733,559	733,559	790,101					

HOSPITALS	% Brazil
Total number	21 (0.3)
Capital State	9
Country side	12
Nº of beds	1,426 (0.3)
Nº of ICU beds	73 (0.2)
Hospitals over 80 beds	5
Teaching hospitals	0
Medical schools	2 (0.7)
Neurosurgery services	3 (0.7)
Number of CIHDOTTS	4
Number of OPOs	0

Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emecc.mec.gov.br> 19/01/2016

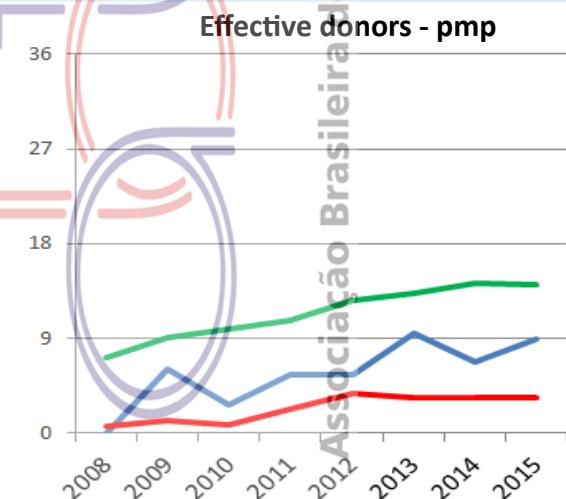
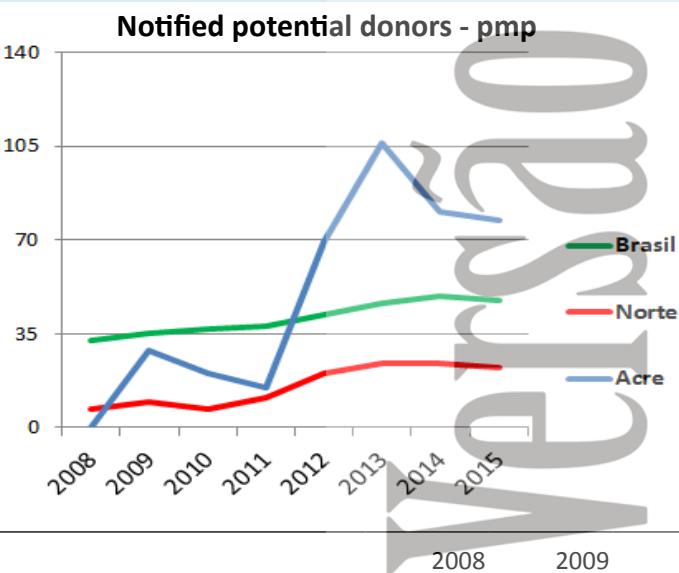
CNCDO: Regiane Clélia Ferrari

Fone: (68) 3227-6399

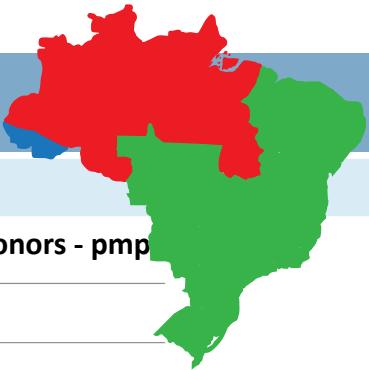
E-Mail: cncdoacre@gmail.com



ORGAN DONATION

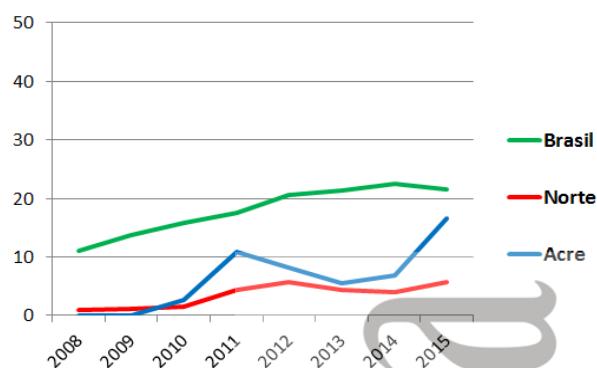


Year	Brasil	Norte	Acre
Number of effective donors	0	4	2
Number of effective donors (pmp)	0.0	6.1	2.7
Potential donors	0	19	15
Number of potential donors (pmp)	0.0	29.0	20.4
Non consenting families	0	6	4
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable
Cardiopulmonary Arrest	2	2	0
Medical Contraindications	1	5	5
Others	3	21	23
	78	76	73
	59	59	25
	106.3	80.4	77.2
	21	29	14
	23	21	14
	7	5	7

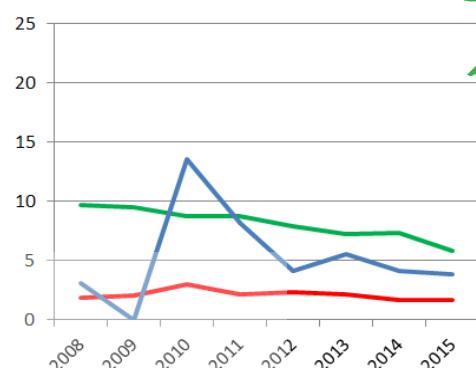


Organ Transplantation

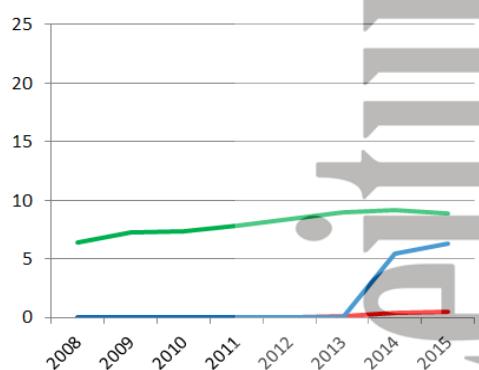
Kidney from deceased donors - pmp



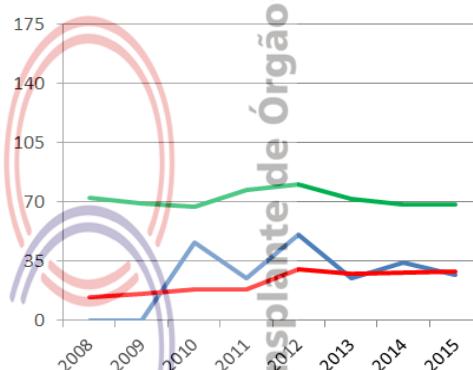
Kidney from living donors - pmp



Liver - pmp



Cornea - pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	1	0	1	1	1	1	1	1
Liver	0	0	0	0	0	0	1	1
Pancreas (not performed)								
Heart (not performed)								
Lung (not performed)								

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	0	0	34	18	37	18	25	21
Kidney	2	0	12	14	9	8	8	16
living donors	2	0	10	6	3	4	3	3
deceased donors	0	0	2	8	6	4	5	13
Liver	0	0	0	0	0	0	4	5
Pancreas (not performed)								
Heart (not performed)								
Lung (not performed)								

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	0.0	0.0	46.3	24.5	50.4	24.5	34.1	26.6
Kidney	3.1	0.0	16.4	19.1	12.3	10.9	10.9	20.3
living donors	3.1	0.0	13.6	8.2	4.1	5.5	4.1	3.8
deceased donors	0.0	0.0	2.7	10.9	8.2	5.5	6.8	16.5
Liver	0.0	0.0	0.0	0.0	0.0	0.0	5.5	6.3
Pancreas (not performed)								
Heart (not performed)								
Lung (not performed)								

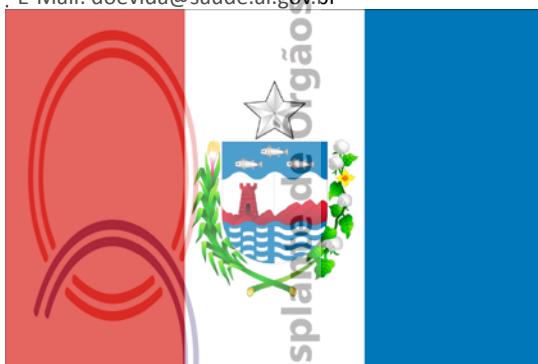
ALAGOAS

Population	3,321,730 (1.6%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung					
		Estimated demand											
		Transplants performed											
Maceió	1,005,319			299	199	83	27	27					
Territory (Km ²)	27,767.66			86	10	9	2	0					
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015					
All causes	16,403	17,056	17,737	18,645	18,376	19,243	Unavailable	Unavailable					
External causes	2,956	3,060	3,403	3,572	3,367	3,514	Unavailable	Unavailable					
Neurological causes	190	194	169	197	240	277	Unavailable	Unavailable					
Population	3,037,103	3,037,103	3,120,494	3,120,494	3,120,494	3,120,494	3,120,494	3,321,730					

HOSPITALS	% Brazil
Total number	72 (1.2)
Capital State	41
Country side	31
Nº of beds	6,005 (1.3)
Nº of ICU beds	430 (1.1)
Hospitals over 80 beds	25
Teaching hospitals	0
Medical schools	4 (1.4)
Neurosurgery services	5 (1.2)
Number of CIHDOTTS	2
Number of OPOs	1

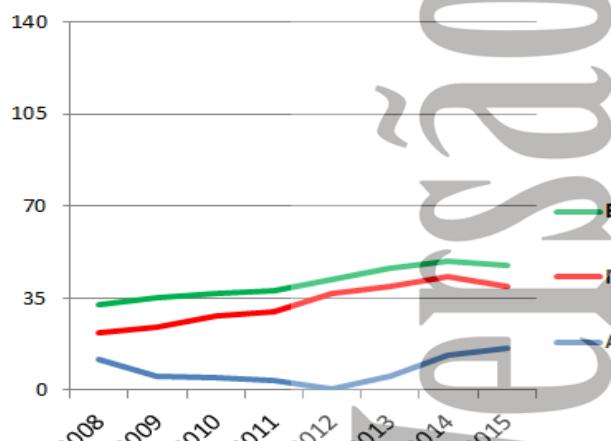
Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emecc.mec.gov.br/> 19/01/2016

CNCDO: Kelly Karina de Araújo Brandão
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 E-Mail: doevida@sauda.al.gov.br

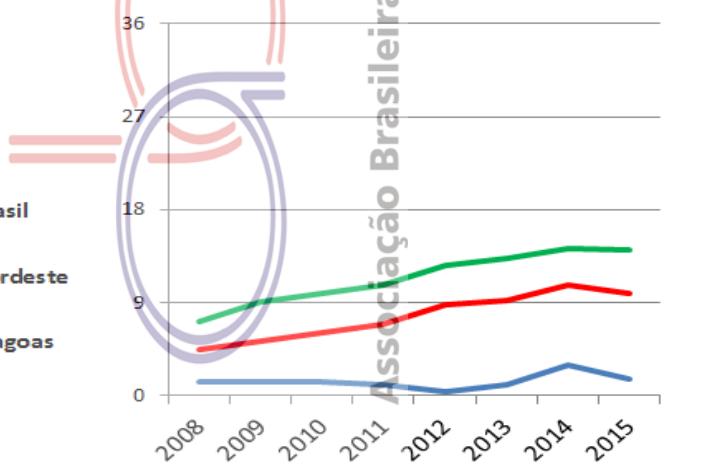


ORGAN DONATION

Notified potential donors - pmp



Effective donors - pmp



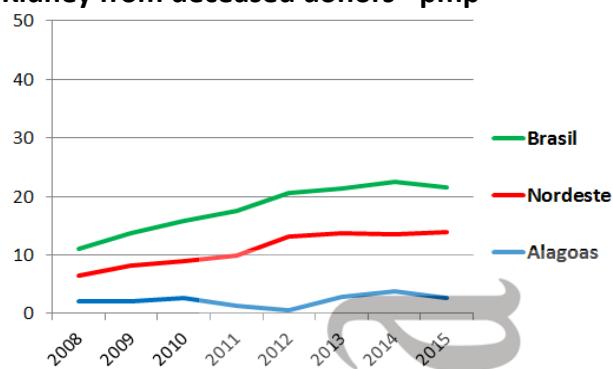
Number of effective donors	4	4	4	3	1	3	9	5
Number of effective donors (pmp)	1.3	1.3	1.3	1.0	0.3	1.0	2.9	1.5
Potential donors	35	16	15	12	2	16	41	53
Number of potential donors (pmp)	11.5	5.3	4.8	3.8	0.6	5.1	13.1	16.0
Non consenting families	15	5	4	0	0	4	5	8
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	0	44	31	47
Cardiopulmonary Arrest	2	1	0	0	0	0	0	4
Medical Contraindications	8	1	3	1	0	4	6	0
Others	6	5	4	8	1	5	21	36

ALAGOAS

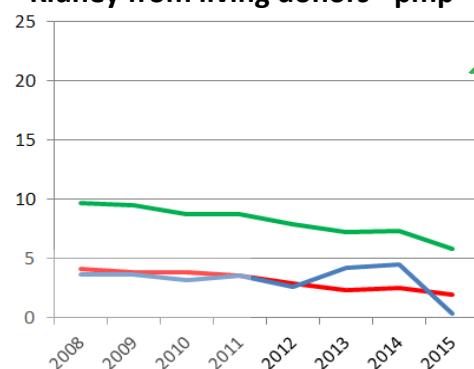
Organ Transplantation



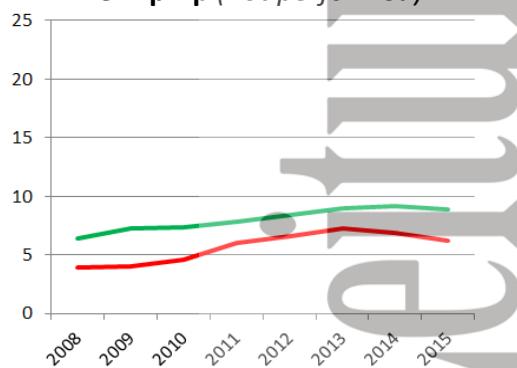
Kidney from deceased donors - pmp



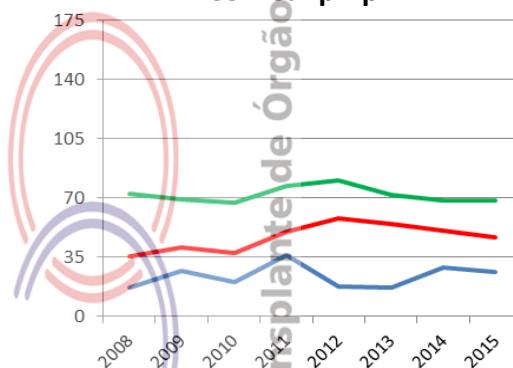
Kidney from living donors - pmp



Liver - pmp (not performed)



Cornea- pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	3	3	3	2	2	3	4	4
Liver (not performed)	8	8	8	8	8	8	8	8
Pancreas (not performed)	1	1	1	0	0	0	1	1
Heart	1	1	1	0	0	0	0	1
Lung (not performed)	1	1	1	0	0	0	0	0

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	51	82	64	113	54	52	90	86
Kidney - total	17	17	18	15	10	22	26	10
living donors	11	11	10	11	8	13	14	1
deceased donors	6	6	8	4	2	9	12	9
Liver (not performed)	2	1	2	0	0	0	3	2
Pancreas (not performed)	1	1	1	0	0	0	0	0
Heart	2	1	2	0	0	0	3	2
Lung (not performed)	1	1	1	0	0	0	0	0

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	16.8	27.0	20.5	36.2	17.3	16.7	28.8	25.9
Kidney - total	5.6	5.6	5.8	4.8	3.2	7.1	8.3	3.0
living donors	3.6	3.6	3.2	3.5	2.6	4.2	4.5	0.3
deceased donors	2.0	2.0	2.6	1.3	0.6	2.9	3.8	2.7
Liver (not performed)	0.7	0.3	0.6	0.0	0.0	0.0	1.0	0.6
Pancreas (not performed)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Heart	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Lung (not performed)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

AMAPÁ

	750,912 (0.4%)	Estimated annual need and number of transplants	Cornea	Kidney	Liver	Heart	Lung
Population	446,757	Estimated demand	68	45	19	6	6
Macapá	142,814.59	Transplants performed	0	0	0	0	0

Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	2,113	2,140	2,172	2,495	2,601	2,680	Unavailable	Unavailable
External causes	429	421	503	488	536	545	Unavailable	Unavailable
Neurological causes	17	27	29	35	30	55	Unavailable	Unavailable
Population	587,311	587,311	669,526	669,526	669,526	669,526	669,526	750,912

HOSPITALS	% Brazil
Total number	11 (0.2)
Capital State	7
Country side	4
Nº of beds	928 (0.2)
Nº of ICU beds	46 (0.1)
Hospitals over 80 beds	5
Teaching hospitals	0
Medical schools	1 (0.4)
Neurosurgery services	1 (0.2)
Number of CIHDOTTS	1
Number of OPOs	0

Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emeic.mec.gov.br/> 19/01/2016

CNCDO: Eduardo Monteiro Cardoso

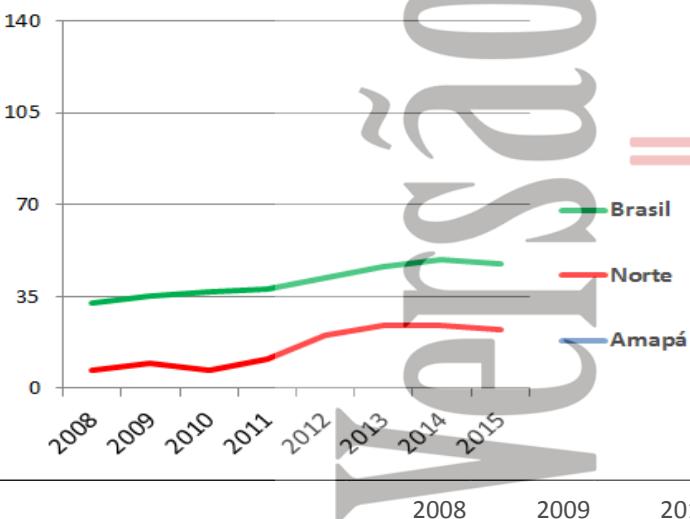
Fone: (96) 99177-9328

E-Mail: cncdo@saude.ap.gov.br

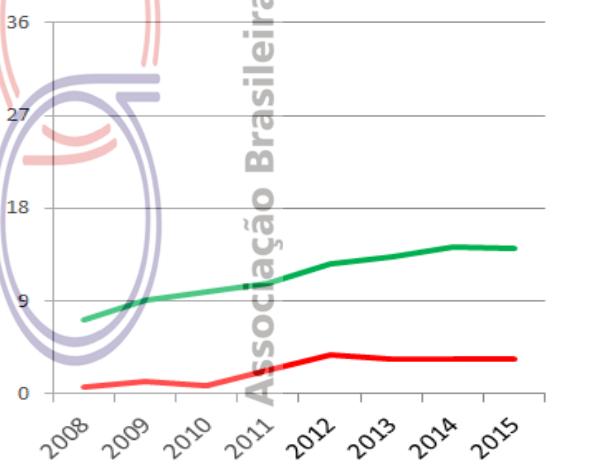


ORGAN DONATION

Notified potential donors - pmp (not performed)



Effective donors - pmp (not performed)



Number of effective donors

Number of effective donors (pmp)

Potential donors

Number of potential donors (pmp)

Non consenting families

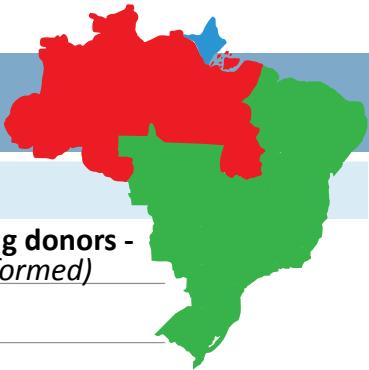
Percentage of refusal at interviews Unavailable Unavailable Unavailable Unavailable

Cardiopulmonary Arrest

Medical Contraindications

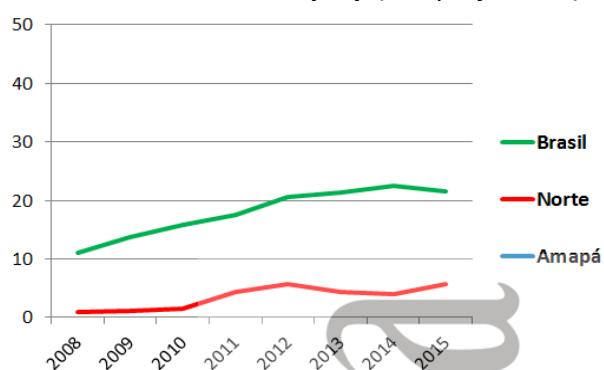
Others

AMAPÁ

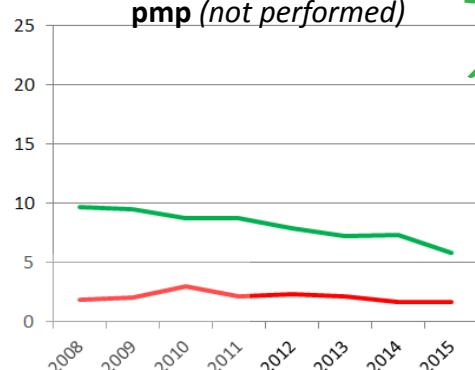


Organ Transplantation

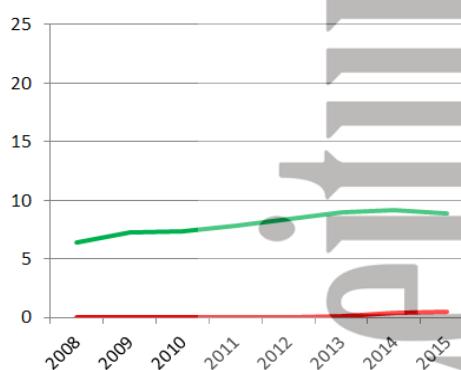
Kidney from deceased donors - pmp (not performed)



Kidney from living donors - pmp (not performed)



Liver - pmp (not performed)



Cornea- pmp (not performed)



Number of teams that performed transplants during the year

2008 2009 2010 2011 2012 2013 2014 2015

Cornea (not performed)	Unavailable						
Kidney (not performed)	Unavailable						
Liver (not performed)	Unavailable						
Pancreas (not performed)	Unavailable						
Heart (not performed)	Unavailable						
Lung (not performed)	Unavailable						

Absolute number of transplants

2008 2009 2010 2011 2012 2013 2014 2015

Cornea (not performed)	Unavailable						
Kidney - total (not performed)	Unavailable						
living donors	Unavailable						
deceased donors	Unavailable						
Liver (not performed)	Unavailable						
Pancreas (not performed)	Unavailable						
Heart (not performed)	Unavailable						
Lung (not performed)	Unavailable						

Number of transplants pmp

2008 2009 2010 2011 2012 2013 2014 2015

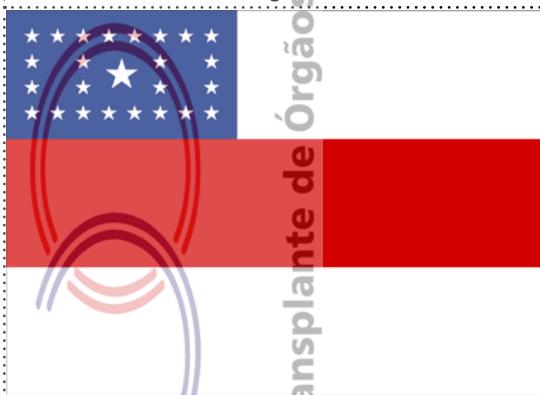
Cornea (not performed)	Unavailable						
Kidney - total (not performed)	Unavailable						
living donors	Unavailable						
deceased donors	Unavailable						
Liver (not performed)	Unavailable						
Pancreas (not performed)	Unavailable						
Heart (not performed)	Unavailable						
Lung (not performed)	Unavailable						

AMAZONAS

	Population	3,873,743 (1.9%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
	Manaus	2,020,301	Estimated demand		349	232	97	31	31
	Territory (Km ²)	1,570,745.68	Transplants performed		207	50	4	0	0
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015	
All causes	12,715	12,992	13,300	14,227	14,847	15,129	Unavailable	Unavailable	
External causes	1,948	1,991	2,263	2,527	2,678	2,596	Unavailable	Unavailable	
Neurological causes	179	159	168	170	221	234	Unavailable	Unavailable	
Population	3,221,939	3,221,939	3,483,985	3,483,985	3,483,985	3,483,985	3,483,985	3,483,985	3,873,743
HOSPITALS % Brazil									
Total number		106 (1.7)							
Capital State		45							
Country side		61							
Nº of beds		6,197 (1.3)							
Nº of ICU beds		463 (1.1)							
Hospitals over 80 beds		25							
Teaching hospitals		3							
Medical schools		3 (1.1)							
Neurosurgery services		4 (0.9)							
Number of CIHDOTTS		4							
Number of OPOs		1							

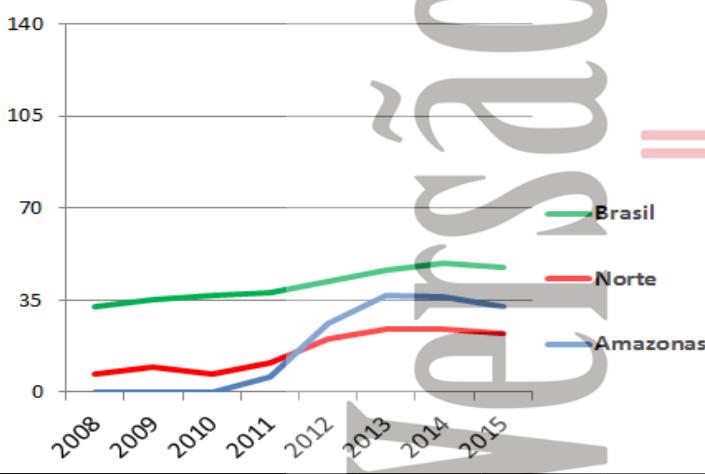
Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emecc.mec.gov.br/> 19/01/2016

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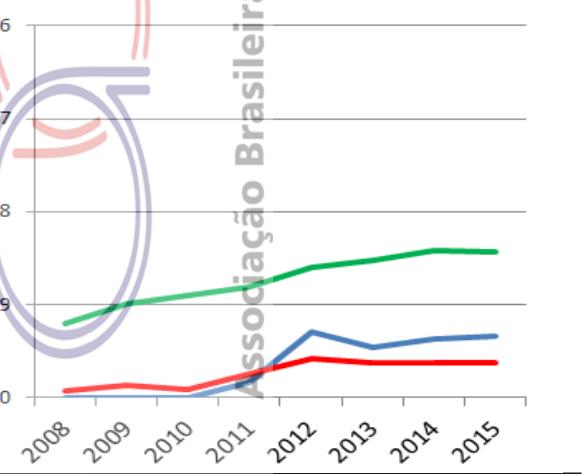


ORGAN DONATION

Notified potential donors - pmp



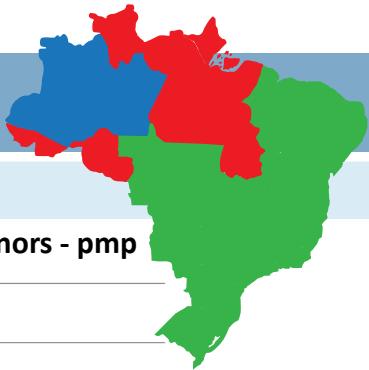
Effective donors - pmp



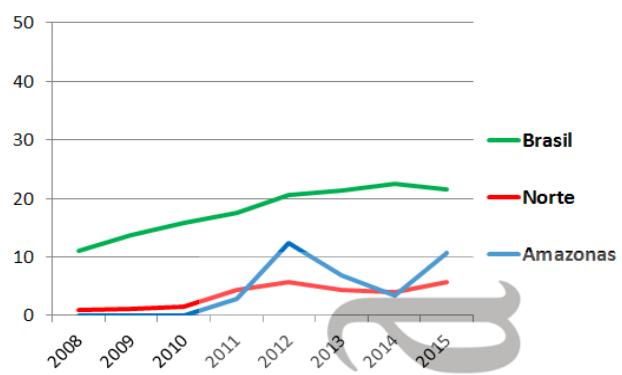
Number of effective donors	0	0	0	5	22	17	20	23
Number of effective donors (pmp)	0.0	0.0	0.0	1.4	6.3	4.9	5.7	5.9
Potential donors	0	0	0	21	92	129	126	126
Number of potential donors (pmp)	0.0	0.0	0.0	6.0	26.4	37.0	36.2	32.5
Non consenting families	0	0	0	9	30	41	42	34
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	57	65	66	57
Cardiopulmonary Arrest	0	0	0	2	1	2	0	2
Medical Contraindications	0	0	0	2	18	28	12	9
Others	0	0	0	3	21	41	52	58

AMAZONAS

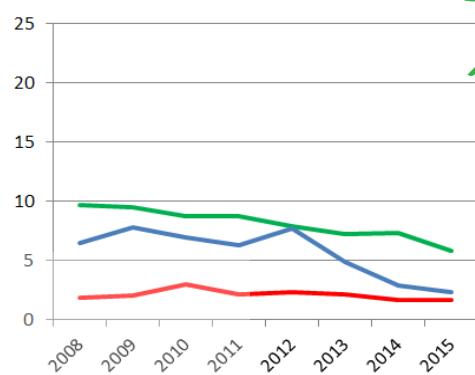
Organ Transplantation



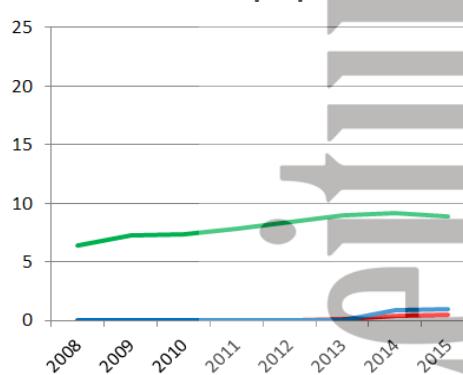
Kidney from deceased donors - pmp



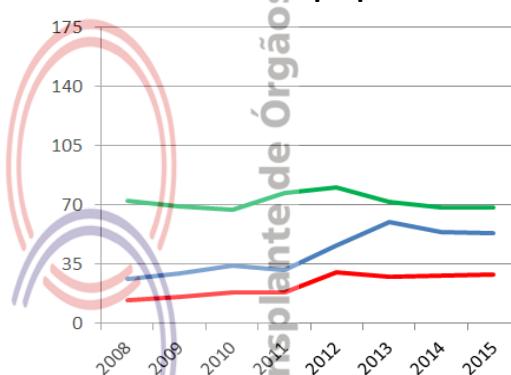
Kidney from living donors - pmp



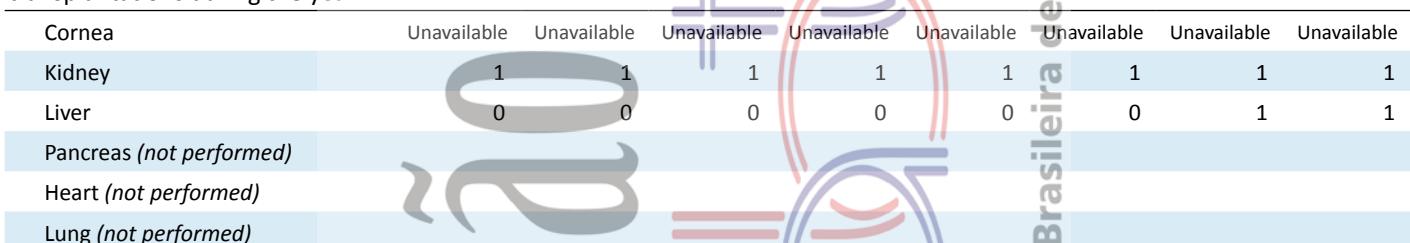
Liver - pmp



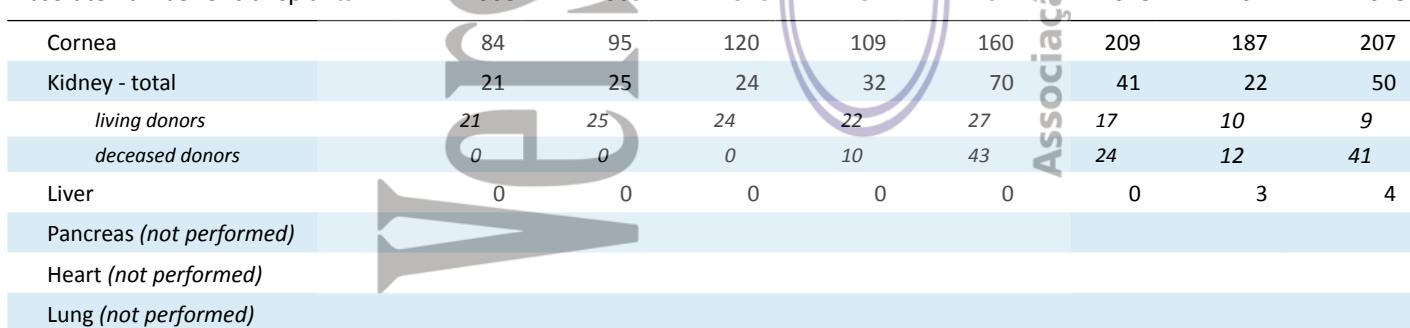
Cornea- pmp



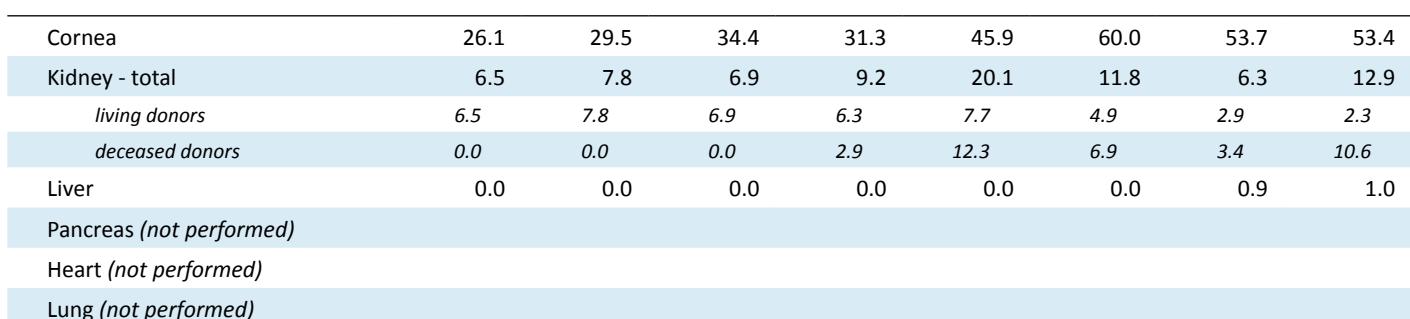
Number of teams that performed transplants during the year



Absolute number of transplants



Number of transplants pmp



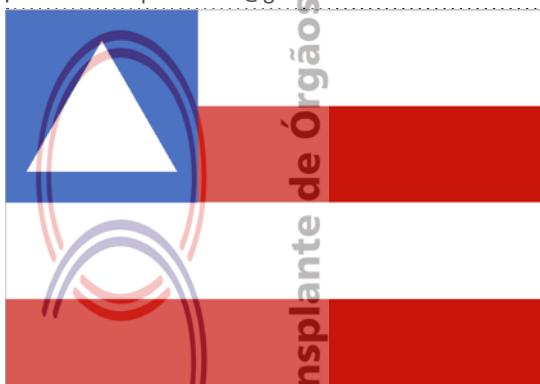
BAHIA

Population	15,126,371 (7.5%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		1,361	908	378	121	121
		Transplants performed		412	84	34	1	1
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	71,013	73,492	76,337	78,046	80,311	81,423	Unavailable	Unavailable
External causes	10,653	11,493	12,168	11,968	13,233	12,545	Unavailable	Unavailable
Neurological causes	919	1,010	1,032	1,132	1,127	1,287	Unavailable	Unavailable
Population	14,080,654	14,080,654	14,016,906	14,016,906	14,016,906	14,016,906	14,016,906	15,126,371

HOSPITALS	% Brazil
Total number	539 (8.8)
Capital State	62
Country side	477
Nº of beds	29,519 (6.3)
Nº of ICU beds	1650 (4.1)
Hospitals over 80 beds	91
Teaching hospitals	6
Medical schools	15 (5.4)
Neurosurgery services	24 (5.6)
Number of CIHDOTTS	7
Number of OPOs	7

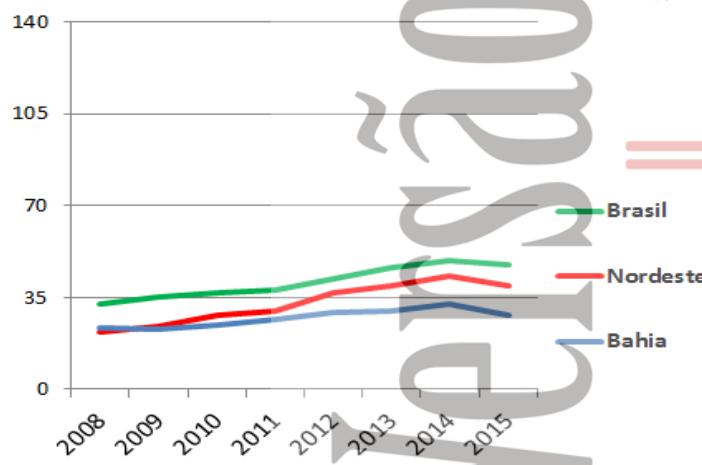
Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emecc.mec.gov.br/> 19/01/2016

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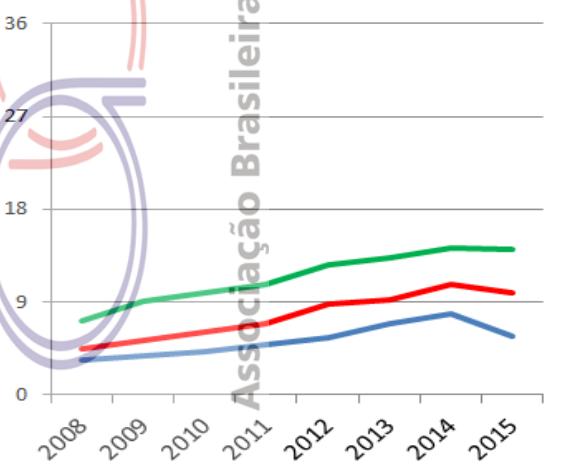


ORGAN DONATION

Notified potential donors - pmp

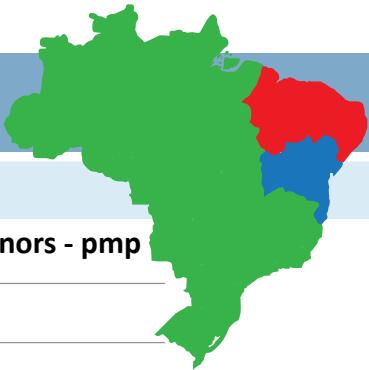


Effective donors - pmp



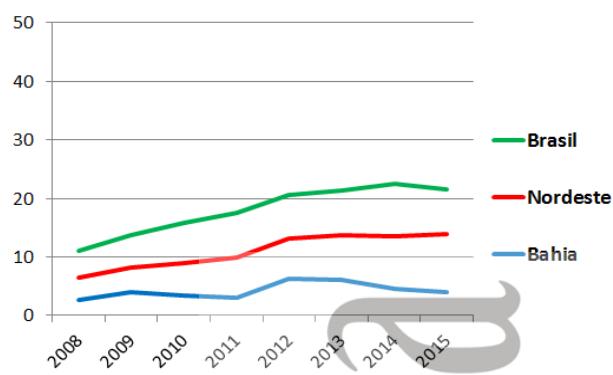
Number of effective donors	47	53	57	69	77	97	109	86
Number of effective donors (pmp)	3.3	3.8	4.1	4.9	5.5	6.9	7.8	5.7
Potential donors	329	320	346	374	414	417	455	431
Number of potential donors (pmp)	23.4	22.7	24.7	26.7	29.5	29.7	32.5	28.5
Non consenting families	94	70	107	132	174	178	176	188
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	63	65	62	58
Cardiopulmonary Arrest	19	18	12	8	23	9	27	50
Medical Contraindications	35	17	23	32	35	47	42	46
Others	134	162	147	133	105	86	101	61

BAHIA

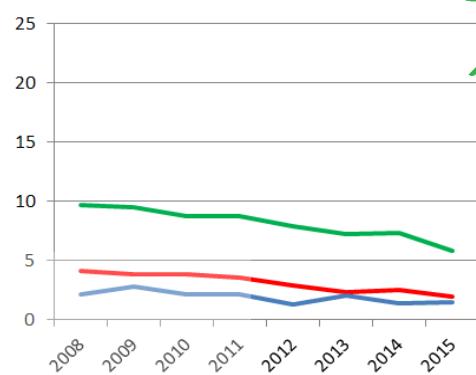


Organ Transplantation

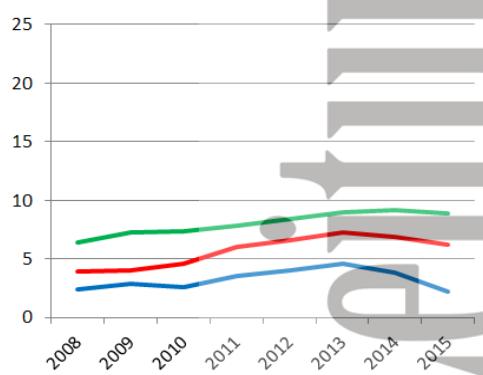
Kidney from deceased donors - pmp



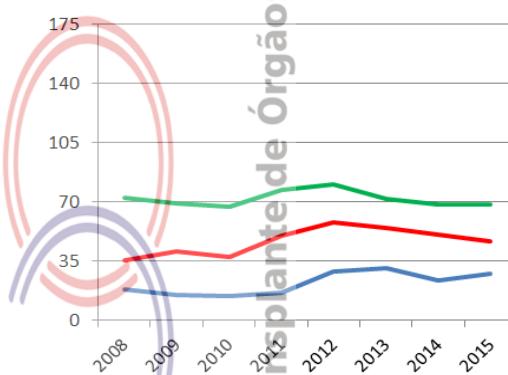
Kidney from living donors - pmp



Liver - pmp



Cornea- pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	4	4	4	4	4	4	5	6
Liver	2	2	2	2	2	2	2	2
Pancreas (not performed)								
Heart	1	1	0	0	0	0	0	1
Lung								1

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	258	209	200	231	408	428	332	412
Kidney - total	68	96	78	73	105	114	82	84
living donors	30	40	29	29	18	28	19	23
deceased donors	38	56	49	44	87	86	63	61
Liver	34	41	37	50	56	64	53	34
Pancreas (not performed)								
Heart	2	3	0	0	0	0	0	1
Lung	0	0	0	0	0	0	0	1

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	18.3	14.8	14.3	16.5	29.1	30.5	23.7	27.2
Kidney - total	4.8	6.8	5.6	5.2	7.5	8.1	5.9	5.6
living donors	2.1	2.8	2.1	2.1	1.3	2.0	1.4	1.5
deceased donors	2.7	4.0	3.5	3.1	6.2	6.1	4.5	4.0
Liver	2.4	2.9	2.6	3.6	4.0	4.6	3.8	2.2
Pancreas (not performed)								
Heart	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1
Lung	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1

CEARÁ

	8,842,791 (4.4%)	Estimated annual need and number of transplants	Cornea	Kidney	Liver	Heart	Lung
Population	8,842,791 (4.4%)	Estimated demand	796	531	221	71	71
Fortaleza	2,571,896	Transplants performed	831	264	195	24	4
Territory (Km ²)	148,825.60						

Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	43,100	44,194	43,847	47,886	48,712	51,638	Unavailable	Unavailable
External causes	5,801	5,849	7,047	7,420	8,433	9,081	Unavailable	Unavailable
Neurological causes	879	862	918	1,041	1,060	1,144	Unavailable	Unavailable
Population	8,185,286	8,185,286	8,452,381	8,452,381	8,452,381	8,452,381	8,452,381	8,842,791

HOSPITALS	% Brazil
Total number	263 (4.3)
Capital State	75
Country side	188
Nº of beds	17,426 (3.7)
Nº of ICU beds	964 (2.4)
Hospitals over 80 beds	63
Teaching hospitals	3
Medical schools	7 (2.5)
Neurosurgery services	10 (2.3)
Number of CIHDOTTS	14
Number of OPOs	4

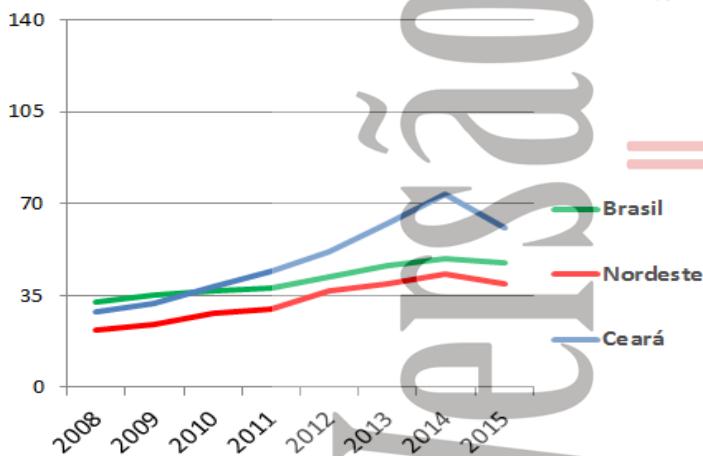
Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emeic.mec.gov.br/> 19/01/2016

CNCDO: Eliana Régia Barbosa de Almeida
 Fone: (85) 3252-1886 / 3101-5238
 E-Mail: cncdo@saudce.ce.gov.br

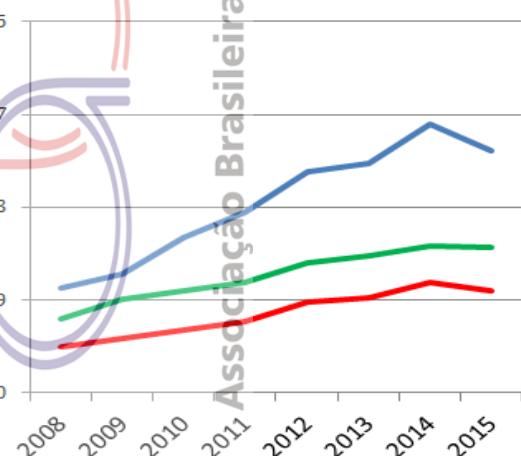


ORGAN DONATION

Notified potential donors - pmp

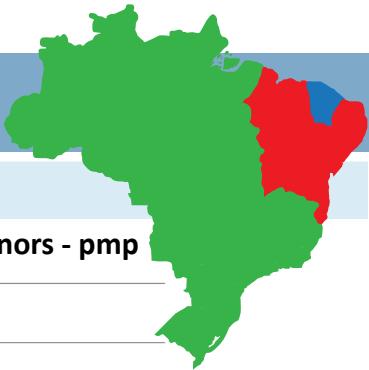


Effective donors - pmp



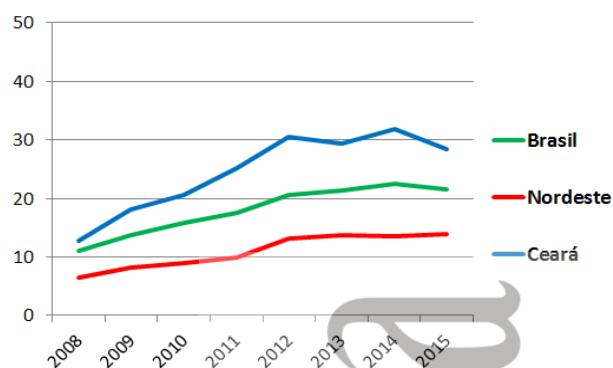
	2008	2009	2010	2011	2012	2013	2014	2015
Number of effective donors	83	94	127	148	181	188	220	208
Number of effective donors (pmp)	10.1	11.5	15.0	17.5	21.4	22.2	26.0	23.5
Potential donors	237	260	325	373	435	527	624	538
Number of potential donors (pmp)	29.0	31.8	38.5	44.1	51.5	62.4	73.8	60.8
Non consenting families	55	51	80	102	110	157	187	129
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	37	44	45	38
Cardiopulmonary Arrest	27	47	73	87	89	110	95	94
Medical Contraindications	56	55	36	31	52	64	108	99
Others	16	13	9	5	3	8	14	8

CEARÁ

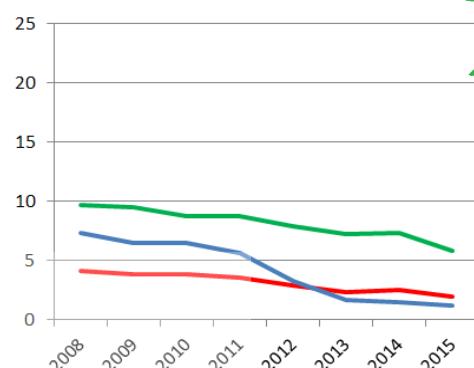


Organ Transplantation

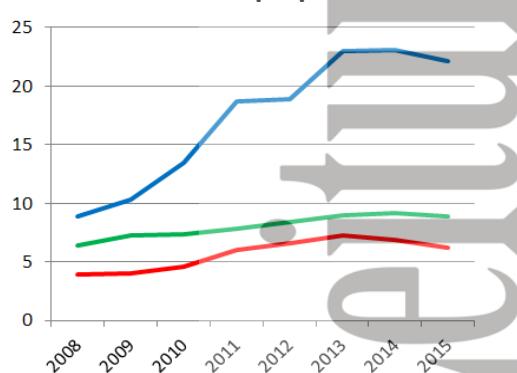
Kidney from deceased donors - pmp



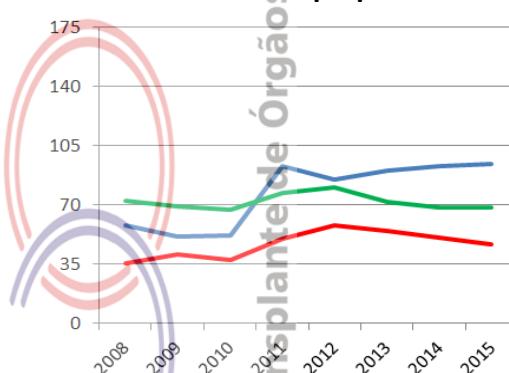
Kidney from living donors - pmp



Liver - pmp



Cornea- pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	4	4	4	3	3	3	5	4
Liver	2	3	3	3	3	3	3	3
Pancreas	0	1	1	2	2	2	1	1
Heart	1	1	1	1	1	1	1	1
Lung	0	0	0	1	1	1	1	1

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	473	420	436	786	718	764	786	831
Kidney - total	164	201	229	260	285	262	283	264
living donors	60	53	55	47	28	14	13	11
deceased donors	104	148	174	213	257	248	270	253
Liver	73	84	114	158	160	194	195	195
Pancreas	0	1	6	10	12	10	5	6
Heart	31	25	16	25	29	30	21	24
Lung	0	0	0	4	4	8	11	4

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	57.8	51.3	51.6	93.0	84.9	90.4	93.0	94.0
Kidney - total	20.0	24.6	27.1	30.8	33.7	31.0	33.5	29.9
living donors	7.3	6.5	6.5	5.6	3.3	1.7	1.5	1.2
deceased donors	12.7	18.1	20.6	25.2	30.4	29.3	31.9	28.6
Liver	8.9	10.3	13.5	18.7	18.9	23.0	23.1	22.1
Pancreas	0.0	0.1	0.7	1.2	1.4	1.2	0.6	0.7
Heart	3.8	3.1	1.9	3.0	3.4	3.5	2.5	2.7
Lung	0.0	0.0	0.0	0.5	0.5	0.9	1.3	0.5

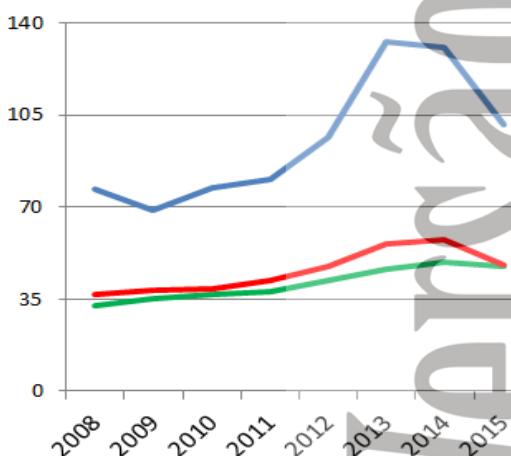
DISTRITO FEDERAL - Brasília

Population	2,852,372 (1.4%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		257	171	71	23	23
		Transplants performed		533	84	62	30	0
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	10,284	10,459	10,851	11,253	11,308	11,408	Unavailable	Unavailable
External causes	1,848	1,918	1,878	1,940	2,051	1,888	Unavailable	Unavailable
Neurological causes	224	253	287	310	296	313	Unavailable	Unavailable
Population	2,455,903	2,455,903	2,570,160	2,570,160	2,570,160	2,570,160	2,570,160	2,852,372
HOSPITALS	% Brazil		 CNCDO: Daniela Ferreira Salomão Fone:(61) 3315-1664 / (61) 3315-1755 E-Mail: centraldetransplantedf@gmail.com					
Total number	55 (0.9)							
Capital State	23							
Country side	32							
Nº of beds	7,375 (1.6)							
Nº of ICU beds	1044 (2.6)							
Hospitals over 80 beds	28							
Teaching hospitals	3							
Medical schools	5 (1.8)							
Neurosurgery services	7 (1.6)							
Number of CIHDOTTS	0							
Number of OPOs	0							

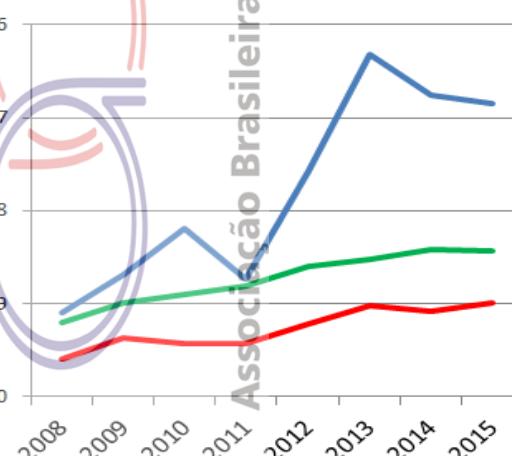
Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emeic.mec.gov.br/> 19/01/2016

ORGAN DONATION

Notified potential donors - pmp

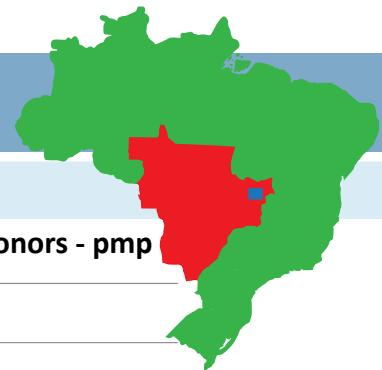


Effective donors - pmp



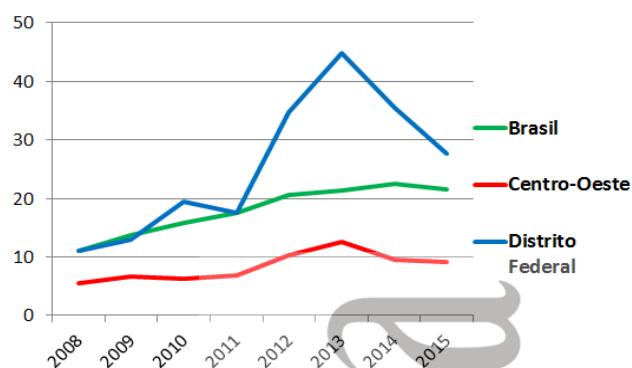
	2008	2009	2010	2011	2012	2013	2014	2015
Number of effective donors	20	29	42	29	56	85	75	81
Number of effective donors (pmp)	8.1	11.8	16.3	11.3	21.8	33.1	29.2	28.4
Potential donors	188	169	199	207	248	342	336	289
Number of potential donors (pmp)	76.6	68.8	77.4	80.5	96.5	133.1	130.7	101.3
Non consenting families	19	40	31	29	44	69	75	48
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	44	39	48	35
Cardiopulmonary Arrest	9	9	6	9	10	19	1	2
Medical Contraindications	61	79	78	90	75	108	163	139
Others	79	12	42	50	63	61	22	19

DISTRITO FEDERAL - Brasília

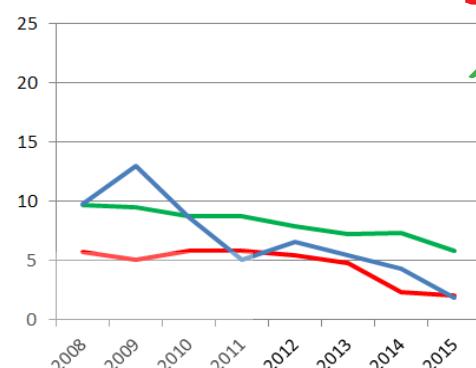


Organ Transplantation

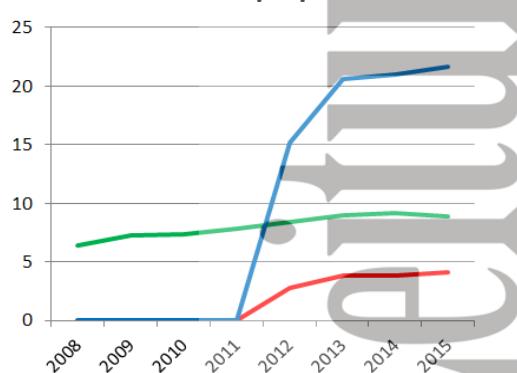
Kidney from deceased donors - pmp



Kidney from living donors - pmp



Liver - pmp



Cornea- pmp



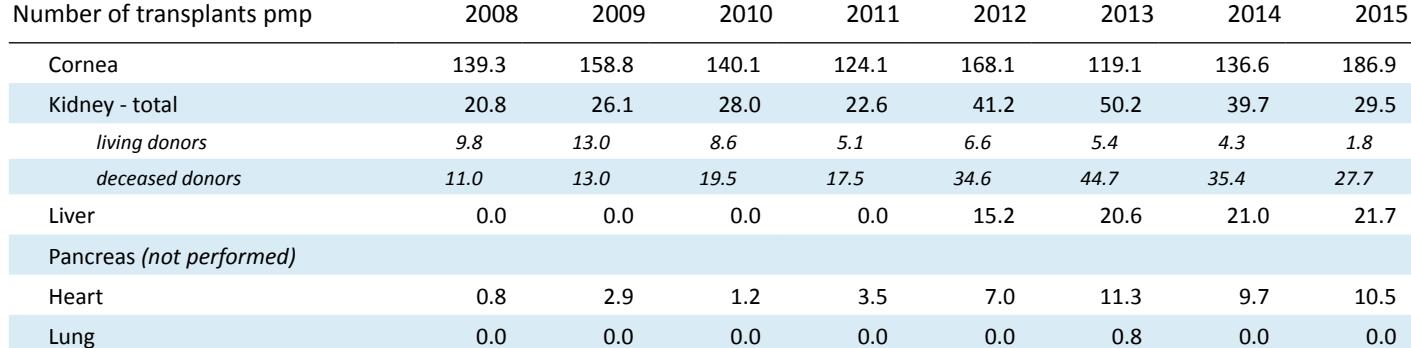
Number of teams that performed transplants during the year



Absolute number of transplants



Number of transplants pmp



ESPÍRITO SANTO

	3,885,049 (1.9%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		350	233	97	31	31
		Transplants performed		325	73	29	1	0
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	20,447	20,396	21,205	21,403	21,616	21,651	Unavailable	Unavailable
External causes	3,984	3,930	3,944	3,804	3,995	3,894	Unavailable	Unavailable
Neurological causes	503	526	546	647	713	695	Unavailable	Unavailable
Population	3,351,669	3,351,669	3,514,952	3,514,952	3,514,952	3,514,952	3,514,952	3,885,049

HOSPITALS	% Brazil
Total number	106 (1.7)
Capital State	17
Country side	89
Nº of beds	8,590 (1.8)
Nº of ICU beds	949 (2.4)
Hospitals over 80 beds	38
Teaching hospitals	0
Medical schools	5 (1.8)
Neurosurgery services	9 (2.1)
Number of CIHDOTTS	40
Number of OPOs	0

Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emeic.mec.gov.br/> 19/01/2016

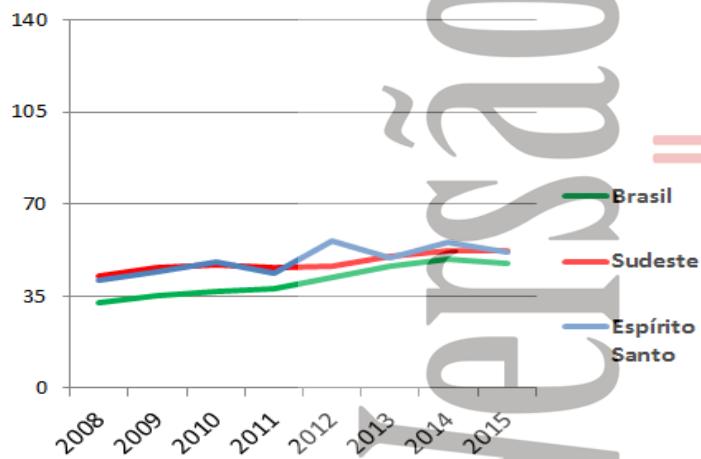
CNCDO: Rosemary Gueis Nunes Erlacher

Fone: (27) 3235-1028

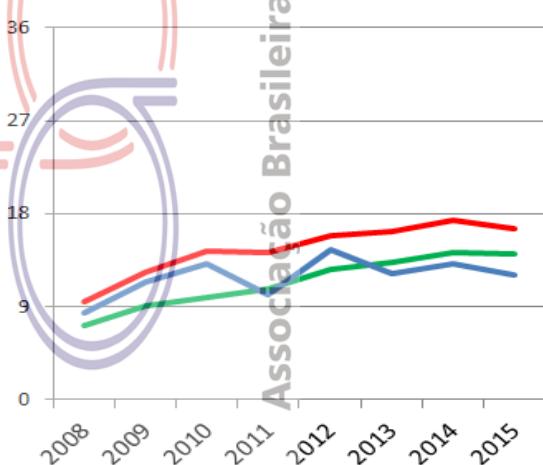
E-Mail: cncdo@saud.e.es.gov.br

ORGAN DONATION

Notified potential donors - pmp



Effective donors - pmp



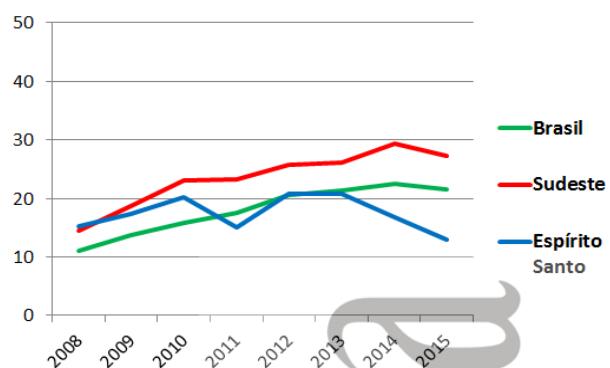
	2008	2009	2010	2011	2012	2013	2014	2015
Number of effective donors	28	38	46	36	51	43	46	47
Number of effective donors (pmp)	8.4	11.3	13.1	10.2	14.5	12.2	13.1	12.1
Potential donors	137	149	169	153	196	174	195	201
Number of potential donors (pmp)	40.9	44.5	48.1	43.5	55.8	49.5	55.5	51.7
Non consenting families	41	44	41	47	41	49	48	51
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	40	59	50	51
Cardiopulmonary Arrest	1	3	23	14	3	0	2	3
Medical Contraindications	63	59	41	20	16	23	32	34
Others	4	5	18	36	85	59	67	66

ESPÍRITO SANTO

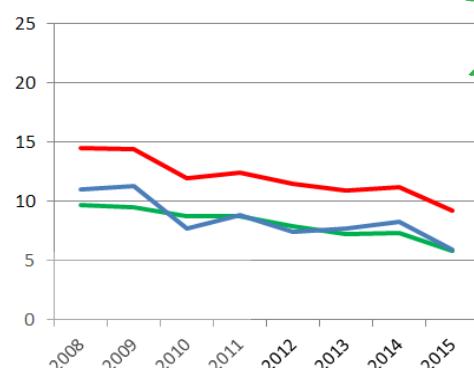
Organ Transplantation



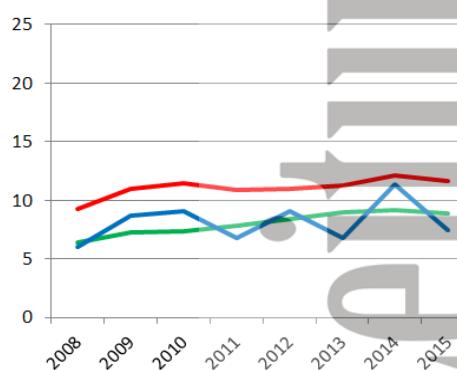
Kidney from deceased donors - pmp



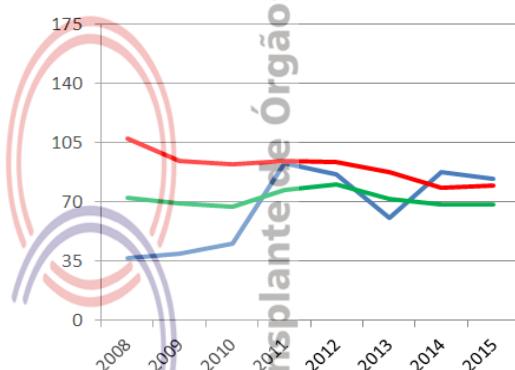
Kidney from living donors - pmp



Liver - pmp



Cornea - pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	4	5	5	4	3	3	2	2
Liver	1	2	2	2	1	1	1	1
Pancreas (not performed)								
Heart	1	1	1	1	1	1	1	1
Lung (not performed)								

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	122	131	159	326	304	213	308	325
Kidney - total	88	96	98	84	99	100	88	73
living donors	37	38	27	31	26	27	29	23
deceased donors	51	58	71	53	73	73	59	50
Liver	20	29	32	24	32	24	40	29
Pancreas (not performed)								
Heart	4	1	8	3	7	3	7	1
Lung (not performed)								

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	36.4	39.1	45.2	92.7	86.5	60.6	87.6	83.7
Kidney - total	26.3	28.6	27.9	23.9	28.2	28.4	25.0	18.8
living donors	11.0	11.3	7.7	8.8	7.4	7.7	8.3	5.9
deceased donors	15.2	17.3	20.2	15.1	20.8	20.8	16.8	12.9
Liver	6.0	8.7	9.1	6.8	9.1	6.8	11.4	7.5
Pancreas (not performed)								
Heart	1.2	0.3	2.3	0.9	2.0	0.9	2.0	0.3
Lung (not performed)								

GOIÁS

Population	6,523,222 (3.2%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		587	391	163	52	52
		Transplants performed		762	85	0	0	0

Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	30,146	30,496	32,656	34,154	36,000	36,254	Unavailable	Unavailable
External causes	4,865	4,921	5,279	5,542	6,371	6,575	Unavailable	Unavailable
Neurological causes	532	566	667	719	802	841	Unavailable	Unavailable
Population	5,647,035	5,647,035	6,003,788	6,003,788	6,003,788	6,003,788	6,003,788	6,523,222

HOSPITALS	% Brazil
Total number	423 (6.9)
Capital State	116
Country side	307
Nº of beds	18,335 (3.9)
Nº of ICU beds	1,189 (3.0)
Hospitals over 80 beds	54
Teaching hospitals	2
Medical schools	7 (2.5)
Neurosurgery services	12 (2.8)
Number of CIHDOTTS	1
Number of OPOs	0

Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emeic.mec.gov.br/> 19/01/2016

CNCDO: Luciano Leão Bernardino da Costa

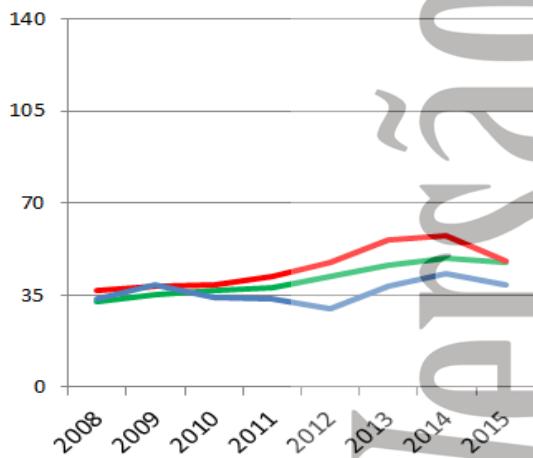
Fone/Fax: (62) 3201-6270 / 3201-6721

E-Mail: centraltransplantes.go@saude.gov.br

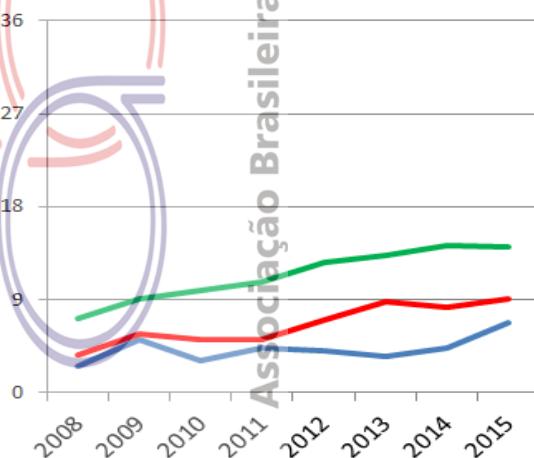


ORGAN DONATION

Notified potential donors - pmp



Effective donors - pmp



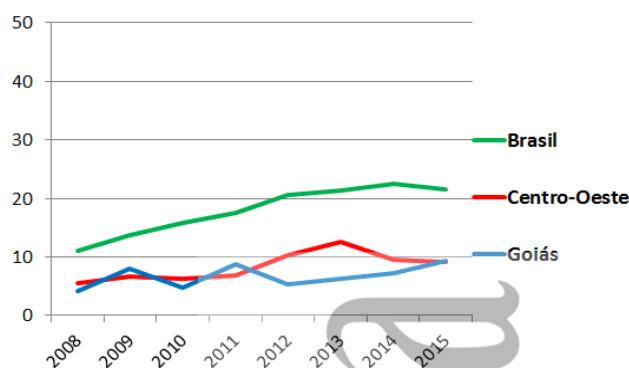
	2008	2009	2010	2011	2012	2013	2014	2015
Number of effective donors	14	29	18	26	24	21	26	44
Number of effective donors (pmp)	2.5	5.1	3.0	4.3	4.0	3.5	4.3	6.7
Potential donors	189	219	204	201	181	232	260	254
Number of potential donors (pmp)	33.5	38.8	34.0	33.5	30.1	38.6	43.3	38.9
Non consenting families	44	37	66	41	28	67	104	102
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	51	63	82	64
Cardiopulmonary Arrest	41	44	74	97	83	87	10	8
Medical Contraindications	84	107	40	30	20	27	26	43
Others	6	2	6	7	26	30	94	57

GOIÁS

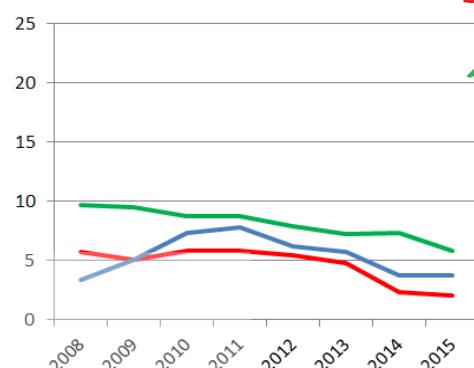


Organ Transplantation

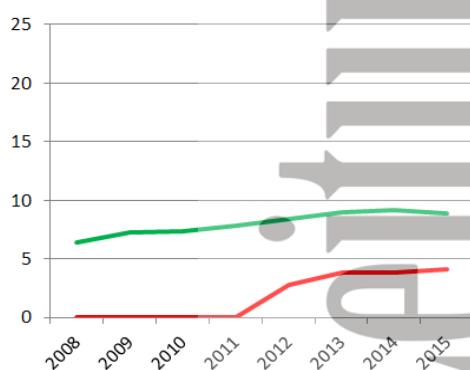
Kidney from deceased donors - pmp



Kidney from living donors - pmp



Liver - pmp (not performed)



Cornea - pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	3	2	2	3	2	4	4	4
Liver (not performed)	0	0	0	0	0	0	0	0
Pancreas	1	0	0	0	1	1	1	1
Heart	0	1	1	0	0	0	0	0
Lung (not performed)	0	0	0	0	0	0	0	0

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	426	404	428	836	982	698	735	762
Kidney - total	42	74	73	99	69	71	65	85
living donors	19	29	44	47	37	34	22	24
deceased donors	23	45	29	52	32	37	43	61
Liver (not performed)	0	0	0	0	0	0	0	0
Pancreas	1	0	0	0	6	2	3	2
Heart	0	2	1	0	0	0	0	0
Lung (not performed)	0	0	0	0	0	0	0	0

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	75.4	71.5	71.3	139.2	163.6	116.3	122.4	116.8
Kidney - total	7.4	13.1	12.2	16.5	11.5	11.8	10.8	13.0
living donors	3.4	5.1	7.3	7.8	6.2	5.7	3.7	3.7
deceased donors	4.1	8.0	4.8	8.7	5.3	6.2	7.2	9.4
Liver (not performed)	0.2	0.0	0.0	0.0	1.0	0.3	0.5	0.3
Pancreas	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0
Heart	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0
Lung (not performed)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MARANHÃO

	Population	6,850,884 (3.4%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
	São Luís	1,064,197	Estimated demand		617	411	171	55	55
	Territory (Km ²)	331,983.29	Transplants performed		144	61	0	0	0
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015	
All causes	25,407	25,734	26,091	28,970	28,838	30,919	Unavailable	Unavailable	
External causes	3,502	3,585	3,887	4,135	4,663	5,026	Unavailable	Unavailable	
Neurological causes	378	342	391	401	402	439	Unavailable	Unavailable	
Population	6,118,995	6,118,995	6,574,789	6,574,789	6,574,789	6,574,789	6,574,789	6,574,789	6,850,884

HOSPITALS	% Brazil
Total number	242 (3.9)
Capital State	43
Country side	199
Nº of beds	13,243 (2.8)
Nº of ICU beds	632 (1.6)
Hospitals over 80 beds	39
Teaching hospitals	0
Medical schools	3 (1.1)
Neurosurgery services	3 (0.7)
Number of CIHDOTTS	8
Number of OPOs	0

Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emecc.mec.gov.br/> 19/01/2016

CNCCDO: Maria Inês Gomes de Oliveira

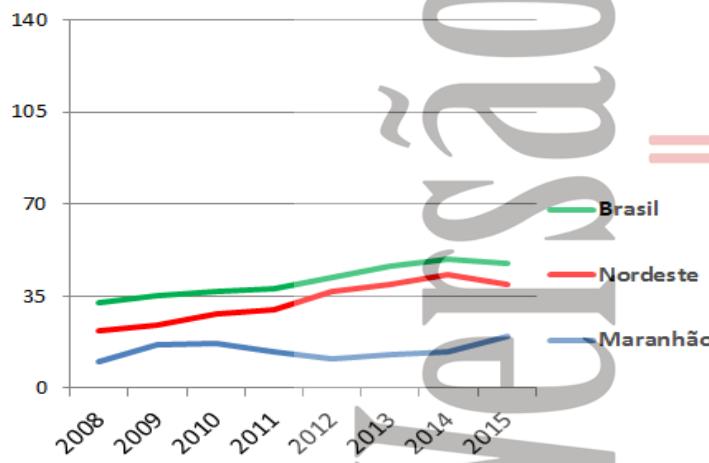
Fone: (98) 2109-1276 / 2109-1212

E-Mail: ctx@huufma.br

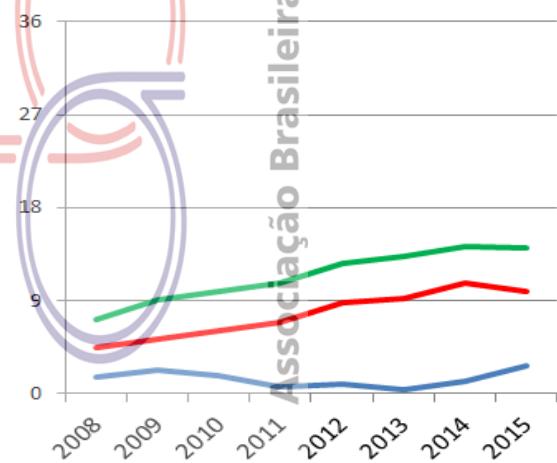


ORGAN DONATION

Notified potential donors - pmp



Effective donors - pmp



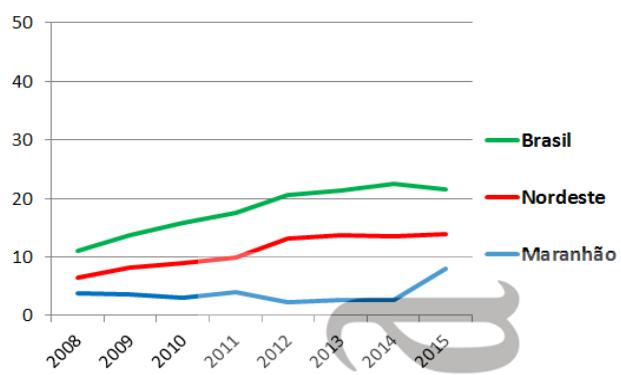
Number of effective donors	10	14	11	4	6	2	7	18
Number of effective donors (pmp)	1.6	2.3	1.7	0.6	0.9	0.3	1.1	2.6
Potential donors	62	102	111	92	72	85	90	137
Number of potential donors (pmp)	10.1	16.7	16.9	14.0	11.0	12.9	13.7	20.0
Non consenting families	34	33	37	33	25	15	13	55
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	81	88	57	73
Cardiopulmonary Arrest	9	15	23	2	11	0	1	18
Medical Contraindications	0	17	9	13	11	25	25	17
Others	9	23	31	40	19	43	44	29

MARANHÃO

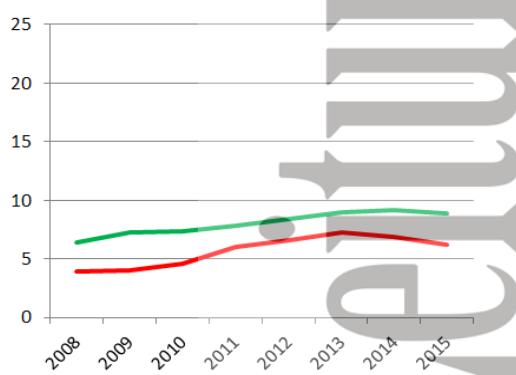


Organ Transplantation

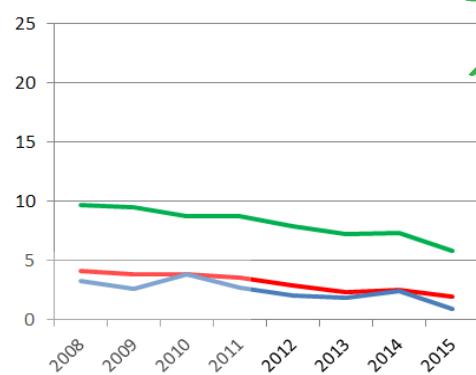
Kidney from deceased donors - pmp



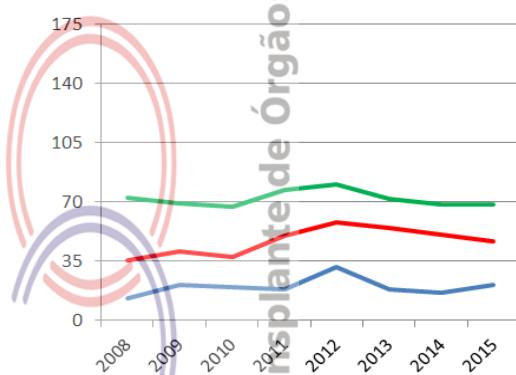
Liver - pmp (not performed)



Kidney from living donors - pm



Cornea- pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	1	1	1	1	1	1	2	2
Liver (not performed)								
Pancreas (not performed)								
Heart (not performed)								
Lung (not performed)								

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	79	129	128	119	208	119	107	144
Kidney - total	43	38	45	44	28	30	34	61
living donors	20	16	25	18	13	12	16	6
deceased donors	23	22	20	26	15	18	18	55
Liver (not performed)								
Pancreas (not performed)								
Heart (not performed)								
Lung (not performed)								

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	12.9	21.1	19.5	18.1	31.6	18.1	16.3	21.0
Kidney - total	7.0	6.2	6.8	6.7	4.3	4.6	5.2	8.9
living donors	3.3	2.6	3.8	2.7	2.0	1.8	2.4	0.9
deceased donors	3.8	3.6	3.0	4.0	2.3	2.7	2.7	8.0
Liver (not performed)								
Pancreas (not performed)								
Heart (not performed)								
Lung (not performed)								

MATO GROSSO

Population	3,224,357 (1.6%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		290	193	81	26	26
		Transplants performed		137	0	0	0	0
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	13,872	14,267	14,986	15,239	15,901	16,137	Unavailable	Unavailable
External causes	2,734	2,912	2,861	2,815	3,027	3,177	Unavailable	Unavailable
Neurological causes	208	220	266	281	351	348	Unavailable	Unavailable
Population	2,854,642	2,854,642	3,035,122	3,035,122	3,035,122	3,035,122	3,035,122	3,224,357

HOSPITALS	% Brazil
Total number	160 (2.6)
Capital State	24
Country side	136
Nº of beds	7,682 (1.6)
Nº of ICU beds	658 (1.6)
Hospitals over 80 beds	25
Teaching hospitals	2
Medical schools	4 (1.4)
Neurosurgery services	4 (0.9)
Number of CIHDOTTS	2
Number of OPOs	0

Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emecc.mec.gov.br/> 19/01/2016

CNCDO: Fabiana Regina de Souza Molina

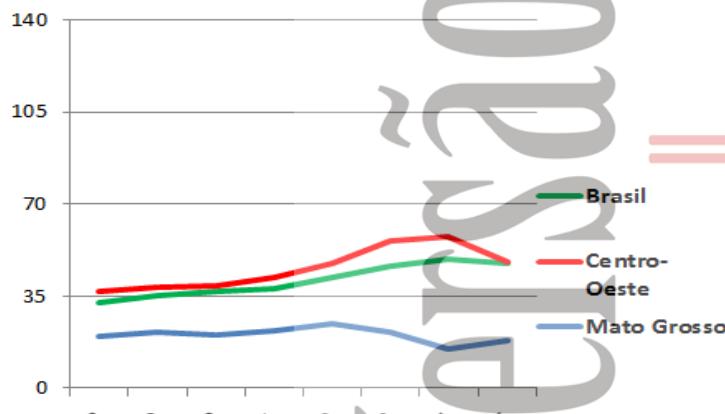
Fone: (65) 3324-0747 / 3623-9004

E-Mail: contran@ses.mt.gov.br

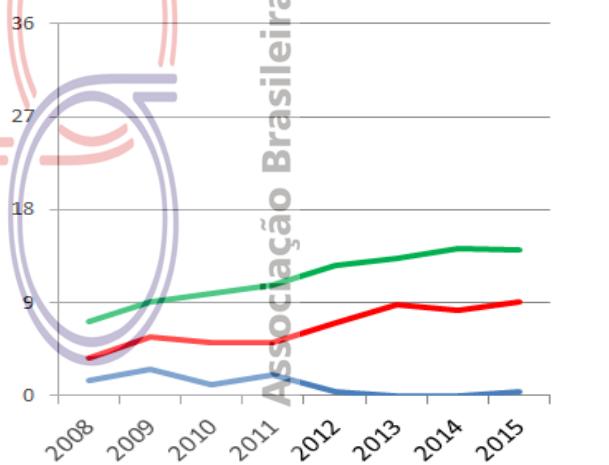


ORGAN DONATION

Notified potential donors - pmp



Effective donors - pmp



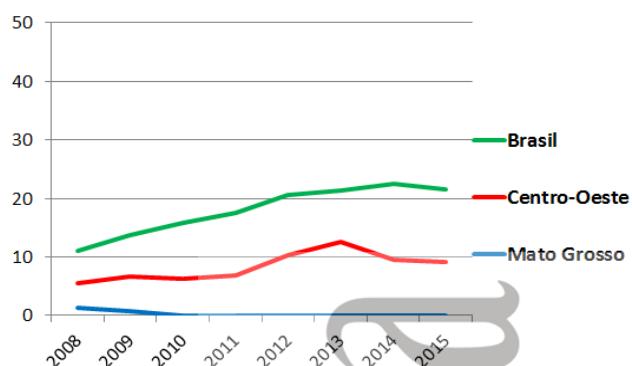
Number of effective donors	4	7	3	6	1	0	0	1
Number of effective donors (pmp)	1.4	2.5	1.0	2.0	0.3	0.0	0.0	0.3
Potential donors	57	61	61	66	75	64	45	58
Number of potential donors (pmp)	20.0	21.4	20.1	21.7	24.7	21.1	14.8	18.0
Non consenting families	15	11	12	11	11	10	0	6
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	50	77	0	75
Cardiopulmonary Arrest	3	12	23	37	39	13	0	1
Medical Contraindications	24	21	12	6	12	2	0	0
Others	11	10	11	6	12	39	45	50

MATO GROSSO

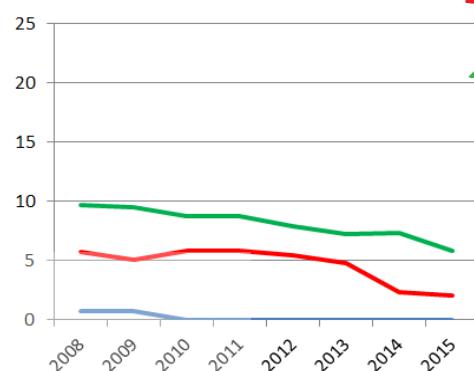


Organ Transplantation

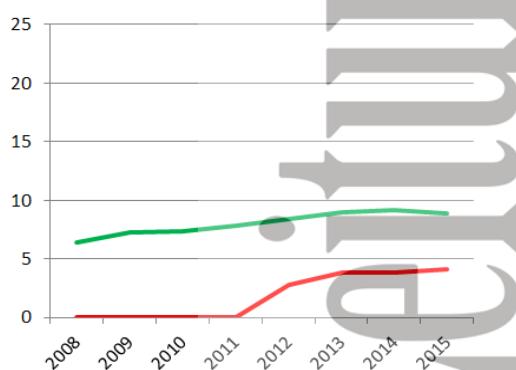
Kidney from deceased donors - pmp



Kidney from living donors - pmp



Liver - pmp (not performed)



Cornea- pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	1	1	0	0	0	0	0	0
Liver (not performed)	0	0	0	0	0	0	0	0
Pancreas (not performed)	0	0	0	0	0	0	0	0
Heart (not performed)	0	0	0	0	0	0	0	0
Lung (not performed)	0	0	0	0	0	0	0	0

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	162	117	53	285	200	186	116	137
Kidney - total	6	4	0	0	0	0	0	0
living donors	2	2	0	0	0	0	0	0
deceased donors	4	2	0	0	0	0	0	0
Liver (not performed)	0	0	0	0	0	0	0	0
Pancreas (not performed)	0	0	0	0	0	0	0	0
Heart (not performed)	0	0	0	0	0	0	0	0
Lung (not performed)	0	0	0	0	0	0	0	0

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	56.7	41.0	17.5	93.9	65.9	61.3	38.2	42.5
Kidney - total	2.1	1.4	0.0	0.0	0.0	0.0	0.0	0.0
living donors	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0
deceased donors	1.4	0.7	0.0	0.0	0.0	0.0	0.0	0.0
Liver (not performed)	0	0	0	0	0	0	0	0
Pancreas (not performed)	0	0	0	0	0	0	0	0
Heart (not performed)	0	0	0	0	0	0	0	0
Lung (not performed)	0	0	0	0	0	0	0	0

MATO GROSSO DO SUL

Population	2,619,657 (1.3%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		236	157	66	21	21
		Transplants performed		147	2	0	0	0

Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	13,235	13,610	14,471	14,291	14,634	14,921	Unavailable	Unavailable
External causes	2,004	2,110	2,120	2,224	2,187	2,191	Unavailable	Unavailable
Neurological causes	307	281	348	359	406	408	Unavailable	Unavailable
Population	2,265,274	2,265,274	2,449,024	2,449,024	2,449,024	2,449,024	2,449,024	2,619,657

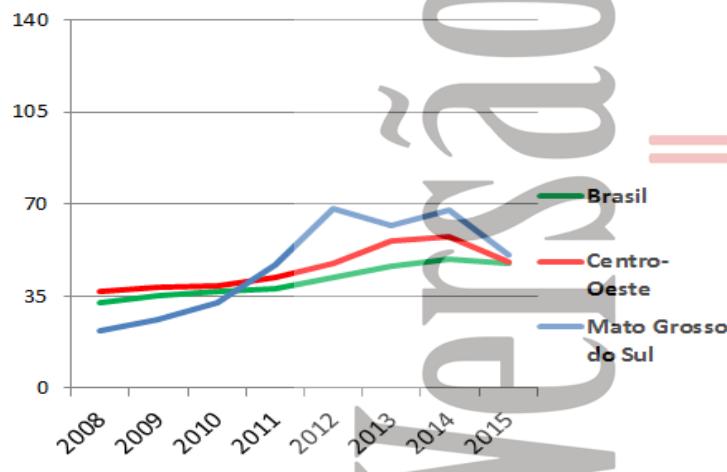
HOSPITALS	% Brazil
Total number	112 (1.8)
Capital State	23
Country side	89
Nº of beds	6,091 (1.3)
Nº of ICU beds	363 (0.9)
Hospitals over 80 beds	17
Teaching hospitals	2
Medical schools	4 (1.4)
Neurosurgery services	4 (0.9)
Number of CIHDOTTS	5
Number of OPOs	1

Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emeic.mec.gov.br/> 19/01/2016

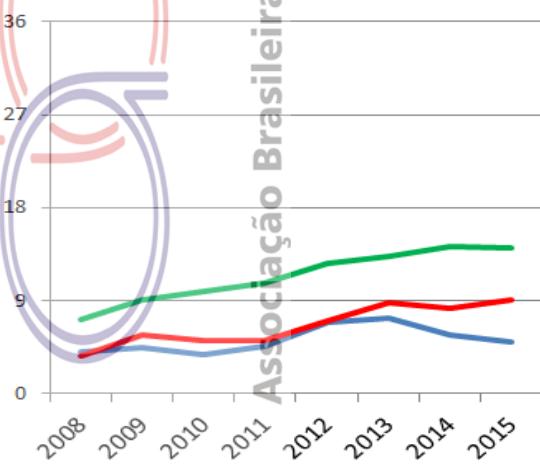


ORGAN DONATION

Notified potential donors - pmp



Effective donors - pmp



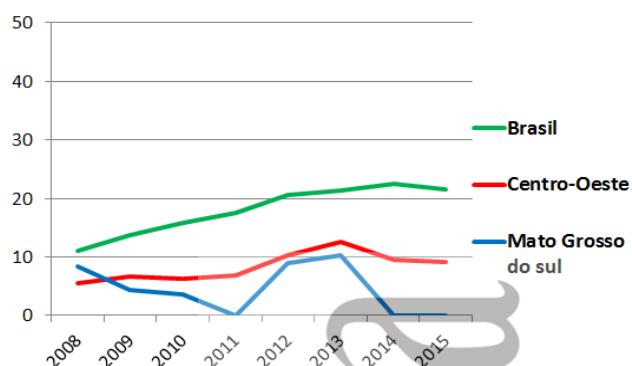
	2008	2009	2010	2011	2012	2013	2014	2015
Number of effective donors	9	10	9	11	17	18	14	13
Number of effective donors (pmp)	4.0	4.4	3.7	4.5	6.9	7.3	5.7	5.0
Potential donors	50	59	80	115	167	151	166	133
Number of potential donors (pmp)	22.1	26.0	32.7	47.0	68.2	61.7	67.8	50.8
Non consenting families	13	6	20	19	36	46	42	49
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	63	65	72	78
Cardiopulmonary Arrest	7	11	8	14	16	24	20	25
Medical Contraindications	18	30	41	66	79	54	79	39
Others	3	2	2	5	19	9	11	7

MATO GROSSO DO SUL

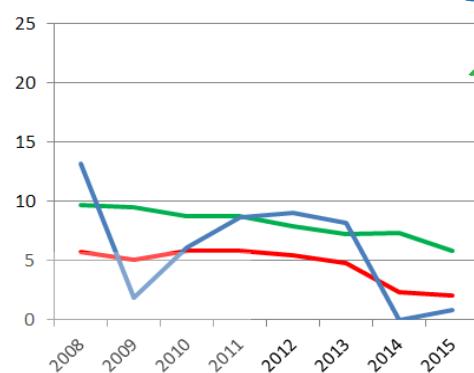


Organ Transplantation

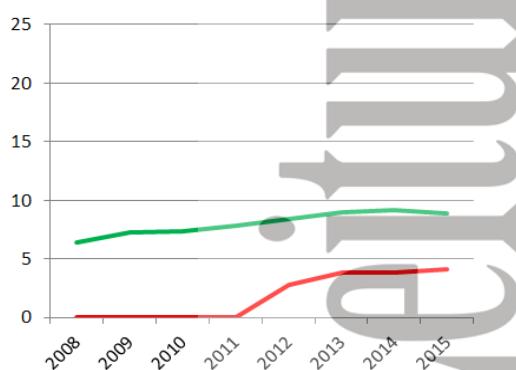
Kidney from deceased donors - pmp



Kidney from living donors - pmp



Liver - pmp (not performed)



Cornea- pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
--	------	------	------	------	------	------	------	------

Cornea	Unavailable							
Kidney	2	2	2	2	2	2	0	1
Liver (not performed)	0	0	0	0	0	0	0	0
Pancreas (not performed)	0	0	0	0	0	0	0	0
Heart	0	0	0	0	0	1	0	0
Lung (not performed)	0	0	0	0	0	0	0	0

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	173	180	177	180	197	187	139	147
Kidney - total	49	14	24	21	44	45	0	2
living donors	30	4	15	21	22	20	0	2
deceased donors	19	10	9	0	22	25	0	0
Liver (not performed)	0	0	0	0	0	0	0	0
Pancreas (not performed)	0	0	0	0	0	0	0	0
Heart	0	0	0	0	0	3	0	0
Lung (not performed)	0	0	0	0	0	0	0	0

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	76.4	79.5	72.3	73.5	80.4	76.4	56.8	56.1
Kidney - total	21.6	6.2	9.8	8.6	18.0	18.4	0.0	0.8
living donors	13.2	1.8	6.1	8.6	9.0	8.2	0.0	0.8
deceased donors	8.4	4.4	3.7	0.0	9.0	10.2	0.0	0.0
Liver (not performed)	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0
Pancreas (not performed)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Heart	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0
Lung (not performed)	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

MINAS GERAIS

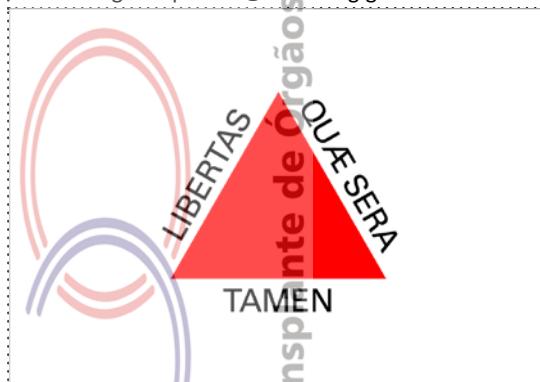
Population	20,734,097 (10.2%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		1,866	1,244	518	166	166
		Transplants performed		1,267	569	90	40	0

Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	112,756	114,301	120,803	122,653	125,074	125,850	Unavailable	Unavailable
External causes	12,187	12,681	12,931	14,263	14,237	14,170	Unavailable	Unavailable
Neurological causes	2,529	2,701	3,057	3,231	3,431	3,543	Unavailable	Unavailable
Population	19,273,506	19,273,506	19,597,330	19,597,330	19,597,330	19,597,330	19,597,330	20,734,097

HOSPITALS	% Brazil
Total number	612 (10.0)
Capital State	68
Country side	544
Nº of beds	45,013 (9.6)
Nº of ICU beds	3,915 (9.7)
Hospitals over 80 beds	166
Teaching hospitals	21
Medical schools	38 (13.8)
Neurosurgery services	43 (10.1)
Number of CIHDOTTS	60
Number of OPOs	10

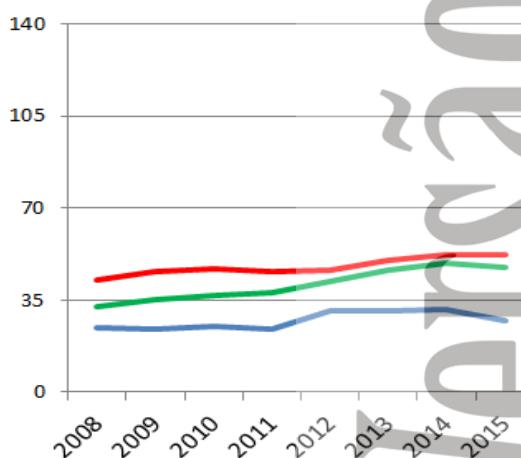
Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emeic.mec.gov.br> 19/01/2016

CNCDO: Omar Lopes Cançado Júnior
 Fone: (31) 3219-9200
 E-Mail: mgtransplantes@saudemg.gov.br

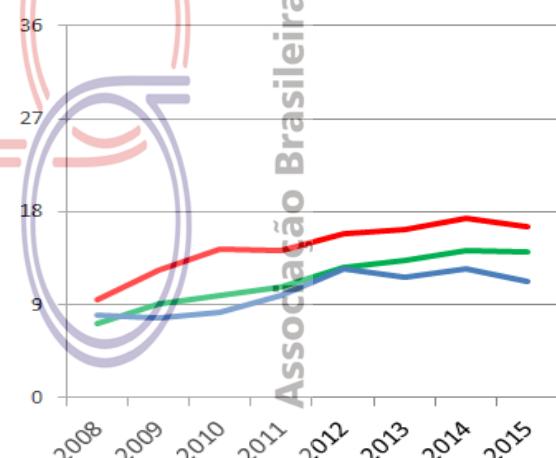


ORGAN DONATION

Notified potential donors - pmp

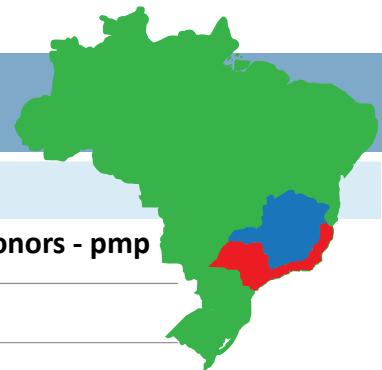


Effective donors - pmp



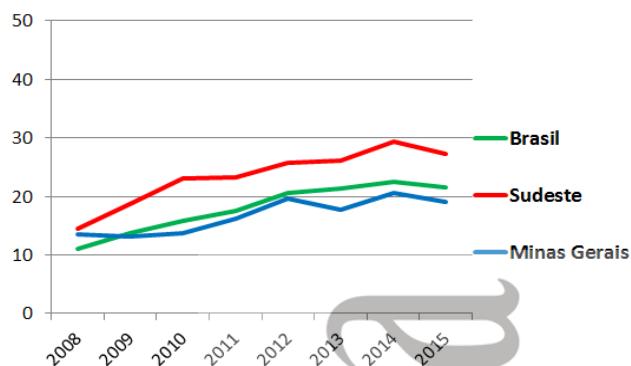
	2008	2009	2010	2011	2012	2013	2014	2015
Number of effective donors	153	149	161	193	245	228	245	233
Number of effective donors (pmp)	7.9	7.7	8.2	9.8	12.5	11.6	12.5	11.2
Potential donors	478	462	493	469	608	601	617	560
Number of potential donors (pmp)	24.8	24.0	25.2	23.9	31.0	30.7	31.5	27.0
Non consenting families	90	74	87	89	128	143	152	116
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	31	43	44	38
Cardiopulmonary Arrest	114	105	133	73	42	87	79	50
Medical Contraindications	93	112	89	75	40	54	41	23
Others	28	22	23	39	153	89	100	138

MINAS GERAIS



Organ Transplantation

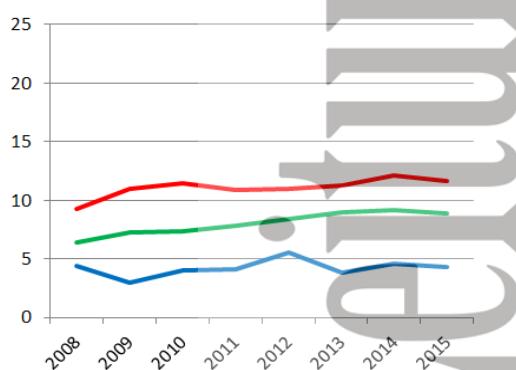
Kidney from deceased donors - pmp



Kidney from living donors - pmp



Liver - pmp



Cornea - pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	20	18	17	16	16	16	17	17
Liver	3	2	1	3	5	4	3	4
Pancreas	2	2	2	2	2	3	3	1
Heart	2	2	1	2	2	2	2	2
Lung	1	1	1	1	1	1	1	0

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	1,973	1,446	1,334	1,414	1,391	1,441	1,419	1,267
Kidney - total	443	464	465	517	566	536	590	569
living donors	183	210	196	200	182	187	187	173
deceased donors	260	254	269	317	384	349	403	396
Liver	84	58	78	81	110	75	91	90
Pancreas	6	17	13	16	30	18	19	16
Heart	26	19	24	12	30	27	39	40
Lung	2	2	3	1	1	2	1	0

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	102.4	75.0	68.1	72.2	71.0	73.5	72.4	61.1
Kidney - total	23.0	24.1	23.7	26.4	28.9	27.4	30.1	27.4
living donors	9.5	10.9	10.0	10.2	9.3	9.5	9.5	8.3
deceased donors	13.5	13.2	13.7	16.2	19.6	17.8	20.6	19.1
Liver	4.4	3.0	4.0	4.1	5.6	3.8	4.6	4.3
Pancreas	0.3	0.9	0.7	0.8	1.5	0.9	1.0	0.8
Heart	1.3	1.0	1.2	0.6	1.5	1.4	2.0	1.9
Lung	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.0

PARÁ

	8,073,924 (4.0%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		727	484	202	65	65
		Transplants performed		182	53	0	0	0
Population	8,073,924 (4.0%)							
Belém	1,432,844							
Territory (Km ²)	1,247,689.52							
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	29,633	30,512	31,600	32,638	33,898	34,150	Unavailable	Unavailable
External causes	5,232	5,200	6,125	5,744	6,197	6,487	Unavailable	Unavailable
Neurological causes	353	374	363	390	461	481	Unavailable	Unavailable
Population	7,065,573	7,065,573	7,581,051	7,581,051	7,581,051	7,581,051	7,581,051	8,073,924

HOSPITALS	% Brazil
Total number	233 (3.8)
Capital State	45
Country side	188
Nº of beds	15,576 (3.3)
Nº of ICU beds	900 (2.2)
Hospitals over 80 beds	49
Teaching hospitals	4
Medical schools	44 (15.9)
Neurosurgery services	10 (2.3)
Number of CIHDOTTS	9
Number of OPOs	0

Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emeic.mec.gov.br/> 19/01/2016

CNCDO: Ana Cristina Simões Beltrão

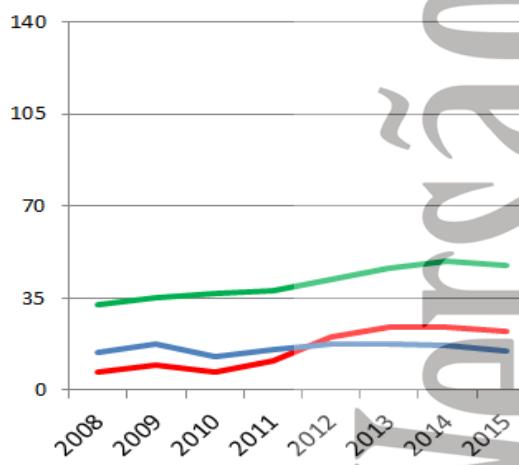
Fone/Fax: (91) 3223-8168

E-Mail: cncdo.transplantes@gmail.com

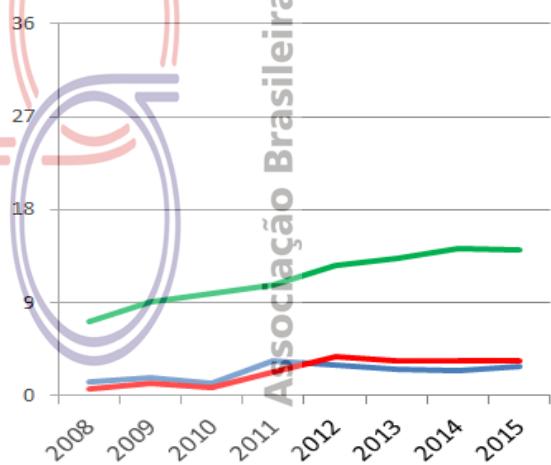


ORGAN DONATION

Notified potential donors - pmp

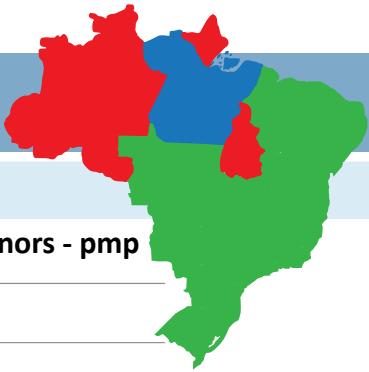


Effective donors - pmp



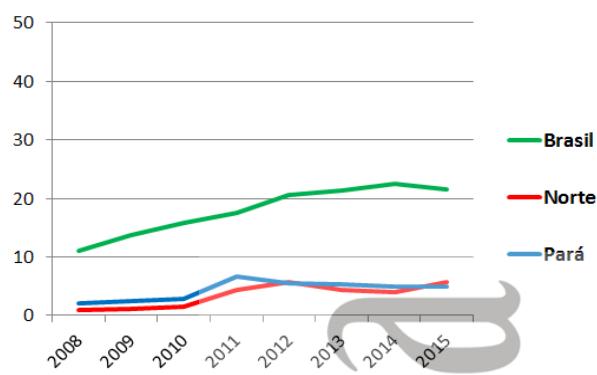
Number of effective donors	9	12	9	26	22	19	18	23
Number of effective donors (pmp)	1.3	1.7	1.2	3.4	2.9	2.5	2.4	2.8
Potential donors	102	124	97	117	133	133	129	119
Number of potential donors (pmp)	14.4	17.5	12.8	15.4	17.5	17.5	17.0	14.7
Non consenting families	38	26	43	51	47	36	40	37
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	35	31	55	52
Cardiopulmonary Arrest	23	17	20	15	30	25	22	20
Medical Contraindications	25	49	16	20	27	41	23	19
Others	7	20	9	5	7	12	26	20

PARÁ

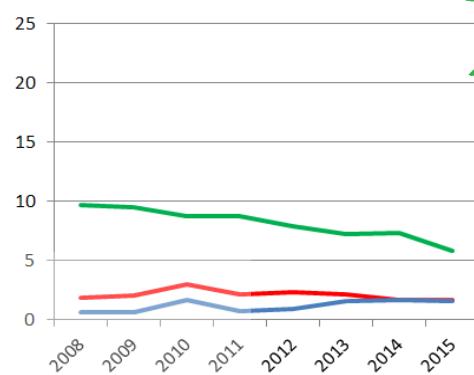


Organ Transplantation

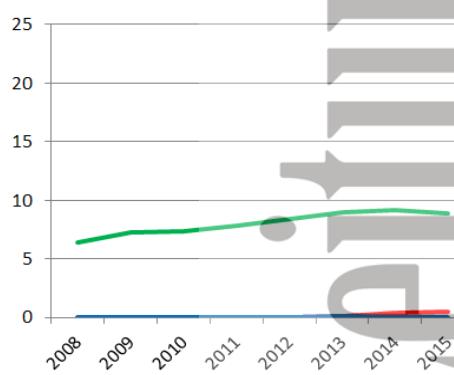
Kidney from deceased donors - pmp



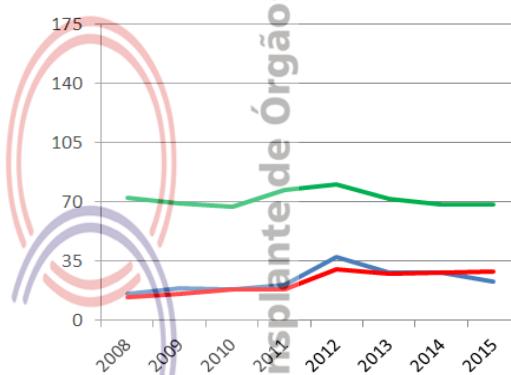
Kidney from living donors - pmp



Liver - pmp



Cornea- pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	1	1	1	1	2	3	3	3
Liver	0	0	0	0	1	0	0	0
Pancreas (not performed)	0	0	0	0	0	0	0	0
Heart (not performed)	0	0	0	0	0	0	0	0
Lung (not performed)	0	0	0	0	0	0	0	0

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	110	135	140	160	284	211	212	182
Kidney - total	19	22	35	55	49	53	50	53
living donors	4	4	13	5	7	12	13	13
deceased donors	15	18	22	50	42	41	37	40
Liver	0	0	0	0	0	1	0	0
Pancreas (not performed)	0	0	0	0	0	0	0	0
Heart (not performed)	0	0	0	0	0	0	0	0
Lung (not performed)	0	0	0	0	0	0	0	0

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	15.6	19.1	18.5	21.1	37.5	27.8	28.0	22.5
Kidney - total	2.7	3.1	4.6	7.3	6.5	7.0	6.6	6.6
living donors	0.6	0.6	1.7	0.7	0.9	1.6	1.7	1.6
deceased donors	2.1	2.5	2.9	6.6	5.5	5.4	4.9	5.0
Liver	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
Pancreas (not performed)	0	0	0	0	0	0	0	0
Heart (not performed)	0	0	0	0	0	0	0	0
Lung (not performed)	0	0	0	0	0	0	0	0

PARAÍBA

		Estimated annual need and number of transplants	Cornea	Kidney	Liver	Heart	Lung
Population	3,943,885 (2.0%)	Estimated demand	355	237	99	32	32
João Pessoa	780,738	Transplants performed	114	35	0	0	0
Territory (Km ²)	56,439.84						

Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	22,522	22,797	23,407	24,579	25,168	25,926	Unavailable	Unavailable
External causes	2,494	2,731	2,907	3,093	3,191	3,269	Unavailable	Unavailable
Neurological causes	412	411	428	443	517	559	Unavailable	Unavailable
Population	3,641,395	3,641,395	3,766,528	3,766,528	3,766,528	3,766,528	3,766,528	3,943,885

HOSPITALS	% Brazil
Total number	144 (2.3)
Capital State	39
Country side	105
Nº of beds	8,681 (1.9)
Nº of ICU beds	506 (1.3)
Hospitals over 80 beds	33
Teaching hospitals	1
Medical schools	8 (2.9)
Neurosurgery services	7 (1.6)
Number of CIHDOTTS	7
Number of OPOs	0

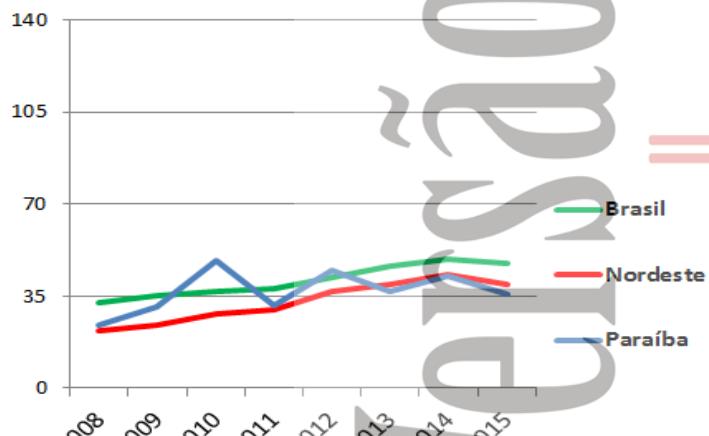
Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emecc.mec.gov.br/> 19/01/2016

CNCDO: Gyanna Lys de Melo Moreira Montenegro
 Fone/Fax: (83) 3244-6192 / 3225-6409
 E-Mail: transplante@gmail.com

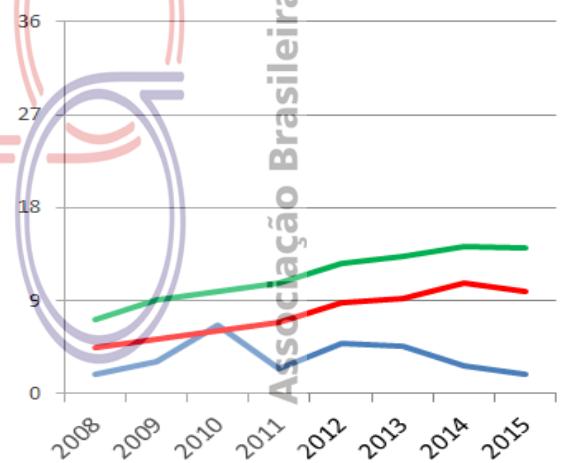


ORGAN DONATION

Notified potential donors - pmp



Effective donors - pmp



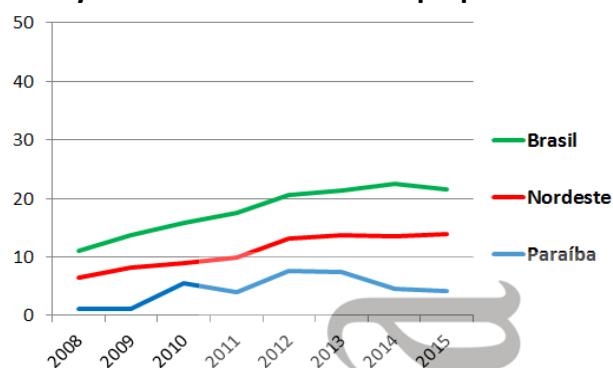
	2008	2009	2010	2011	2012	2013	2014	2015
Number of effective donors	7	11	25	9	18	17	10	7
Number of effective donors (pmp)	1.9	3.0	6.6	2.4	4.8	4.5	2.7	1.8
Potential donors	88	112	183	119	169	139	161	142
Number of potential donors (pmp)	24.2	30.8	48.6	31.6	44.9	36.9	42.7	36.0
Non consenting families	25	26	52	25	44	31	28	25
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	64	58	64	63
Cardiopulmonary Arrest	32	40	32	16	4	4	3	3
Medical Contraindications	14	25	40	31	32	13	20	18
Others	10	10	34	38	71	74	100	89

PARAÍBA

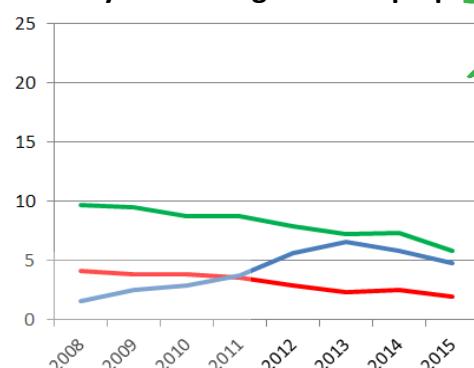


Organ Transplantation

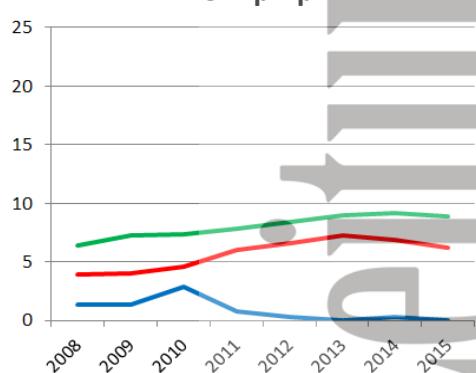
Kidney from deceased donors - pmp



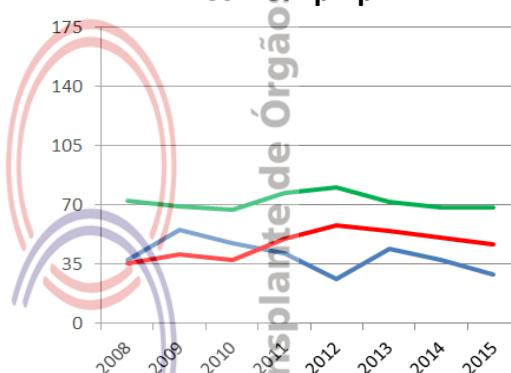
Kidney from living donors - pmp



Liver - pmp



Cornea- pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	2	3	3	1	1	1	1	1
Liver	1	1	1	1	1	0	1	0
Pancreas (not performed)								
Heart	0	1	0	0	0	0	0	0
Lung (not performed)								

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	135	202	178	155	99	165	140	114
Kidney - total	10	13	32	29	50	53	39	35
living donors	6	9	11	14	21	25	22	19
deceased donors	4	4	21	15	29	28	17	16
Liver	5	5	11	3	1	0	1	0
Pancreas (not performed)								
Heart	0	1	0	0	0	0	0	0
Lung (not performed)								

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	37.1	55.5	47.3	41.2	26.3	43.8	37.2	28.9
Kidney - total	2.7	3.6	8.5	7.7	13.3	14.1	10.4	8.9
living donors	1.6	2.5	2.9	3.7	5.6	6.6	5.8	4.8
deceased donors	1.1	1.1	5.6	4.0	7.7	7.4	4.5	4.1
Liver	1.4	1.4	2.9	0.8	0.3	0.0	0.3	0.0
Pancreas (not performed)								
Heart	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Lung (not performed)								

PARANÁ

Population	11,081,692 (5.5%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		997	665	277	89	89
		Transplants performed		902	471	133	38	0

Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	63,781	64,960	66,969	68,598	68,637	69,930	Unavailable	Unavailable
External causes	9,074	9,286	9,535	9,376	9,832	8,935	Unavailable	Unavailable
Neurological causes	1,356	1,464	1,641	1,766	1,992	2,193	Unavailable	Unavailable
Population	10,284,503	10,284,503	10,444,526	10,444,526	10,444,526	10,444,526	10,444,526	11,081,692

HOSPITALS	% Brazil
Total number	461 (7.5)
Capital State	62
Country side	399
Nº of beds	29,583 (6.3)
Nº of ICU beds	2,619 (6.5)
Hospitals over 80 beds	105
Teaching hospitals	13
Medical schools	13 (4.7)
Neurosurgery services	39 (9.1)
Number of CIHDOTTS	60
Number of OPOs	3

Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emecc.mec.gov.br/> 19/01/2016

CNCDO: Arlene Terezinha Cagol Garcia Badoch

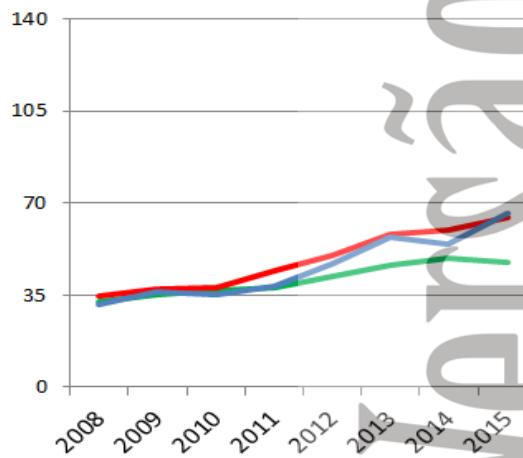
Fone/Fax: (41) 3304-1900/ 1909

E-Mail: sesatran@sesa.pr.gov.br

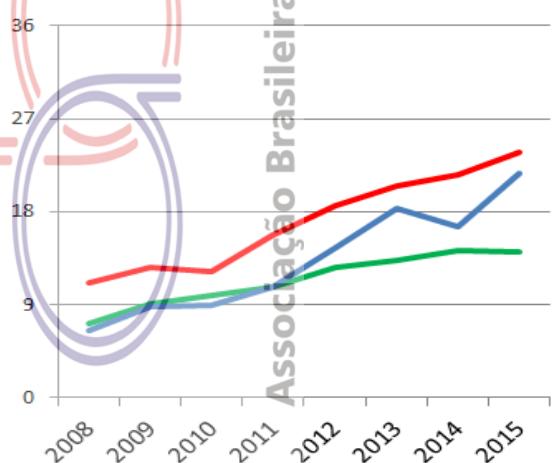


ORGAN DONATION

Notified potential donors - pmp

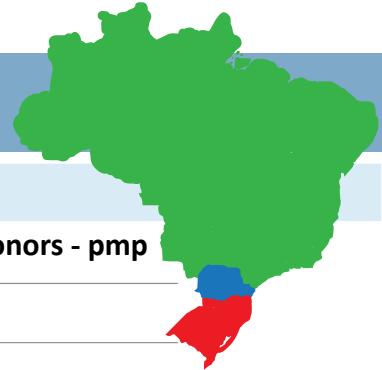


Effective donors - pmp



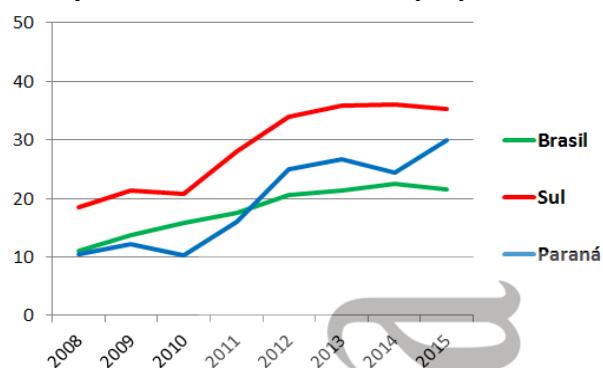
	2008	2009	2010	2011	2012	2013	2014	2015
Number of effective donors	66	91	93	112	151	191	173	241
Number of effective donors (pmp)	6.4	8.8	8.9	10.7	14.5	18.3	16.6	21.7
Potential donors	326	372	370	401	488	597	570	734
Number of potential donors (pmp)	31.7	36.2	35.4	38.4	46.7	57.2	54.6	66.2
Non consenting families	105	103	90	122	159	156	153	195
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	48	42	45	39
Cardiopulmonary Arrest	8	11	50	59	66	93	93	97
Medical Contraindications	93	167	137	52	51	157	151	168
Others	54		0	56	61	0	0	33

PARANÁ

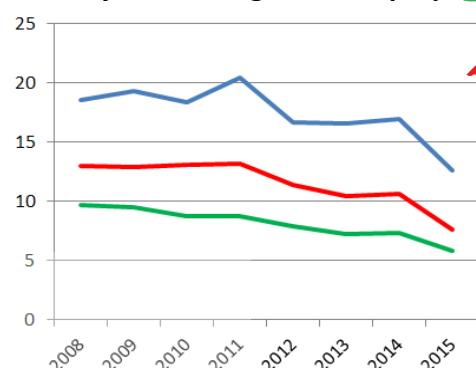


Organ Transplantation

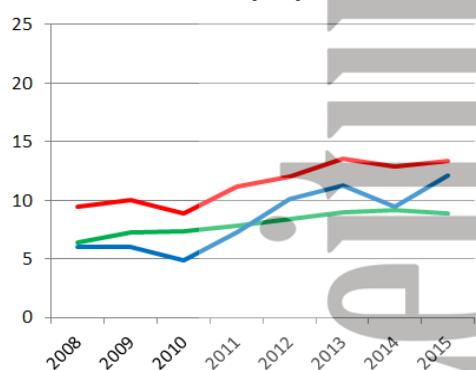
Kidney from deceased donors - pmp



Kidney from living donors - pmp



Liver - pmp



Cornea - pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	16	16	13	15	14	14	14	14
Liver	3	5	5	6	6	5	5	6
Pancreas	3	2	2	3	2	1	1	1
Heart	6	5	4	5	4	5	5	5
Lung (not performed)								

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	1,000	947	832	1,178	1,007	744	811	902
Kidney - total	298	322	299	382	435	451	432	471
living donors	191	198	192	214	174	173	178	140
deceased donors	107	124	107	168	261	278	254	331
Liver	62	62	51	76	106	118	99	133
Pancreas	20	3	5	25	18	23	21	21
Heart	34	23	15	18	26	23	32	38
Lung (not performed)								

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	97.2	92.1	79.7	112.8	96.4	71.2	77.6	81.4
Kidney - total	29.0	31.3	28.6	36.6	41.6	43.2	41.4	42.5
living donors	18.6	19.3	18.4	20.5	16.7	16.6	17.0	12.6
deceased donors	10.4	12.1	10.2	16.1	25.0	26.6	24.3	29.9
Liver	6.0	6.0	4.9	7.3	10.1	11.3	9.5	12.0
Pancreas	1.9	0.3	0.5	2.4	1.7	2.2	2.0	1.9
Heart	3.3	2.2	1.4	1.7	2.5	2.2	3.1	3.4
Lung (not performed)								

PERNAMBUCO

Population	9,277,727 (4.6%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		835	557	232	74	74
		Transplants performed		594	345	123	46	0
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	54,124	54,678	54,570	57,219	57,132	58,209	Unavailable	Unavailable
External causes	8,157	7,968	7,646	7,771	7,483	7,291	Unavailable	Unavailable
Neurological causes	726	705	811	904	992	978	Unavailable	Unavailable
Population	8,485,386	8,485,386	8,796,448	8,796,448	8,796,448	8,796,448	8,796,448	9,277,727

HOSPITALS	% Brazil
Total number	245 (4.0)
Capital State	64
Country side	181
Nº of beds	21,255 (4.5)
Nº of ICU beds	1,721 (4.3)
Hospitals over 80 beds	80
Teaching hospitals	6
Medical schools	6 (2.2)
Neurosurgery services	16 (3.7)
Number of CIHDOTTS	20
Number of OPOs	4

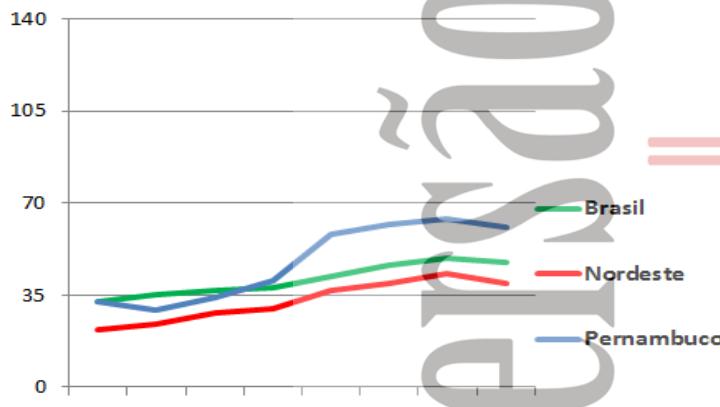
Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emecc.mec.gov.br/> 19/01/2016

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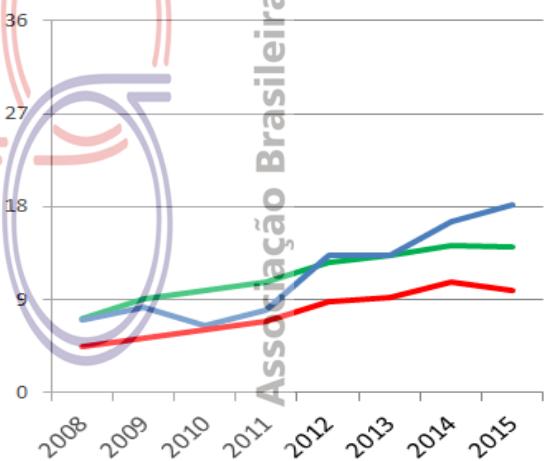


ORGAN DONATION

Notified potential donors - pmp



Effective donors - pmp



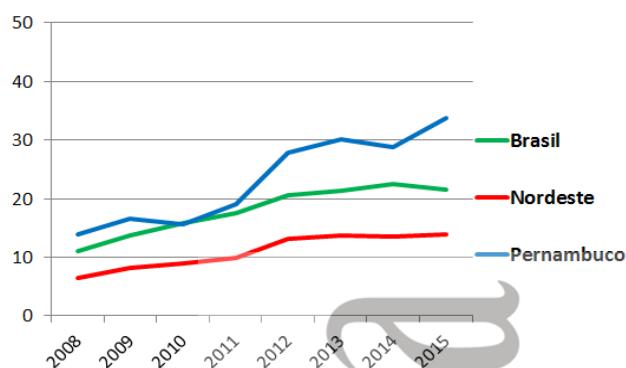
Number of effective donors	59	70	57	70	116	117	145	169
Number of effective donors (pmp)	7.0	8.2	6.5	8.0	13.2	13.3	16.5	18.2
Potential donors	274	251	302	359	512	546	564	565
Number of potential donors (pmp)	32.3	29.6	34.3	40.8	58.2	62.1	64.1	60.9
Non consenting families	59	59	69	86	141	175	189	169
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	53	54	55	50
Cardiopulmonary Arrest	17	19	30	29	16	22	14	9
Medical Contraindications	52	39	63	61	120	119	145	152
Others	87	64	83	113	119	113	71	66

PERNAMBUCO

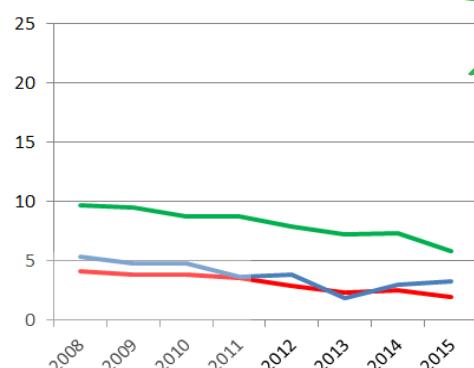


Organ Transplantation

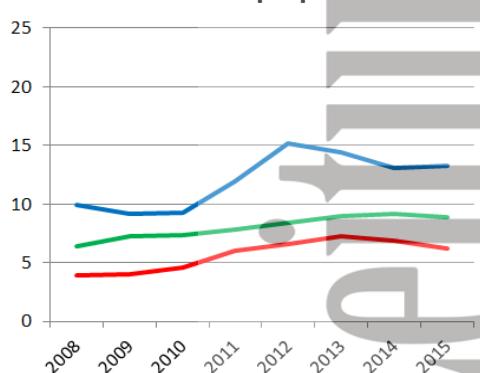
Kidney from deceased donors - pmp



Kidney from living donors - pmp



Liver - pmp



Cornea- pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	9	6	6	6	4	4	5	4
Liver	3	3	4	3	3	3	3	4
Pancreas	0	0	0	0	1	1	1	1
Heart	1	1	1	1	2	2	2	2
Lung (not performed)								

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	633	671	506	661	1,084	865	759	594
Kidney - total	164	182	180	200	278	281	279	345
living donors	45	41	42	32	33	16	26	31
deceased donors	119	141	138	168	245	265	253	314
Liver	84	78	82	105	134	127	115	123
Pancreas	0	0	0	0	3	3	5	3
Heart	6	8	7	8	18	27	25	46
Lung (not performed)								

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	74.6	79.1	57.5	75.1	123.2	98.3	86.3	64.0
Kidney - total	19.3	21.4	20.5	22.7	31.6	31.9	31.7	37.2
living donors	5.3	4.8	4.8	3.6	3.8	1.8	3.0	3.3
deceased donors	14.0	16.6	15.7	19.1	27.9	30.1	28.8	33.8
Liver	9.9	9.2	9.3	11.9	15.2	14.4	13.1	13.3
Pancreas	0.0	0.0	0.0	0.0	0.3	0.3	0.6	0.3
Heart	0.7	0.9	0.8	0.9	2.0	3.1	2.8	5.0
Lung (not performed)								

PIAUÍ

Population	3,194,718 (1.6%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		288	192	80	26	26
		Transplants performed		181	27	0	0	0
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	15,489	15,573	15,614	17,052	17,449	17,985	Unavailable	Unavailable
External causes	1,789	1,860	1,975	2,083	2,314	2,366	Unavailable	Unavailable
Neurological causes	296	267	258	274	297	331	Unavailable	Unavailable
Population	3,032,421	3,032,421	3,118,360	3,118,360	3,118,360	3,118,360	3,118,360	3,194,718

HOSPITALS	% Brazil
Total number	120 (2.0)
Capital State	33
Country side	87
Nº of beds	5,837 (1.2)
Nº of ICU beds	261 (0.6)
Hospitals over 80 beds	21
Teaching hospitals	1
Medical schools	5 (1.8)
Neurosurgery services	2 (0.5)
Number of CIHDOTTS	1
Number of OPOs	1

Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emecc.mec.gov.br/> 19/01/2016

CNCDO: Maria de Lourdes de Freitas Veras

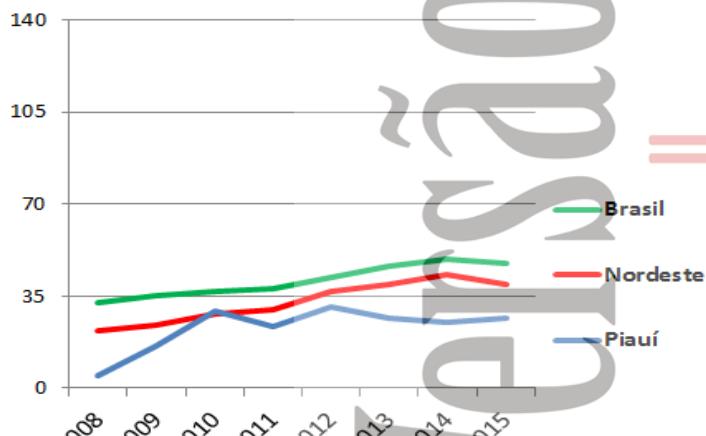
Fone/Fax: (86) 3221-7553 /3216-3553

E-Mail: cncdopi@saude.pi.gov.br

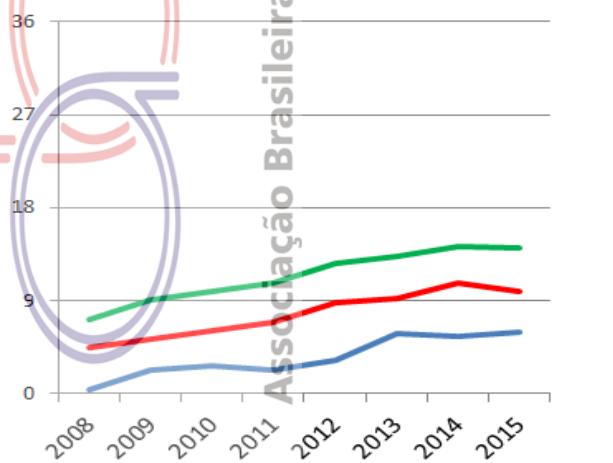


ORGAN DONATION

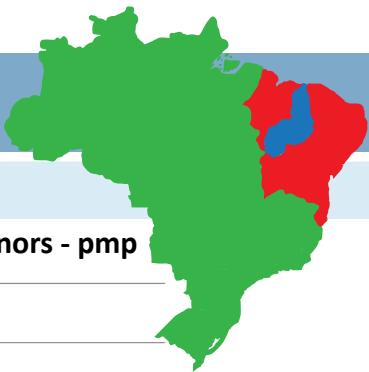
Notified potential donors - pmp



Effective donor - pmp

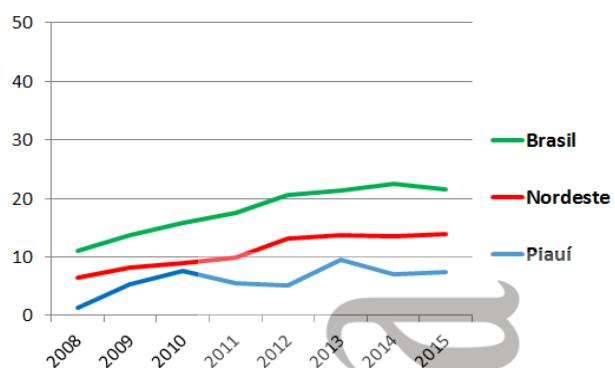


Number of effective donors	1	7	8	7	10	18	17	19
Number of effective donors (pmp)	0.3	2.3	2.6	2.2	3.2	5.8	5.5	5.9
Potential donors	15	48	91	73	96	84	79	85
Number of potential donors (pmp)	4.9	15.8	29.2	23.4	30.8	26.9	25.3	26.6
Non consenting families	8	15	41	13	20	37	30	26
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	57	62	64	54
Cardiopulmonary Arrest	0	4	11	17	37	3	7	14
Medical Contraindications	6	4	26	25	8	9	18	25
Others	0	18	5	11	21	17	7	1

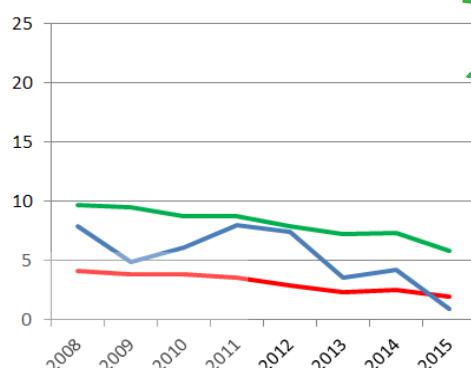


Organ Transplantation

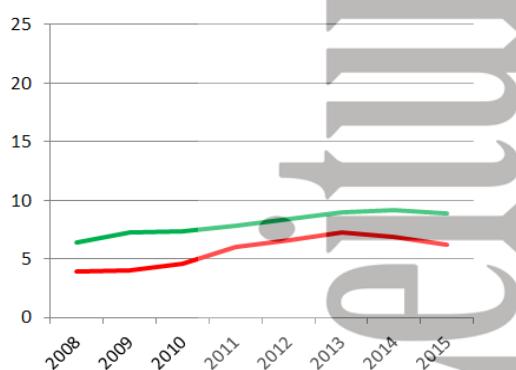
Kidney from deceased donors - pmp



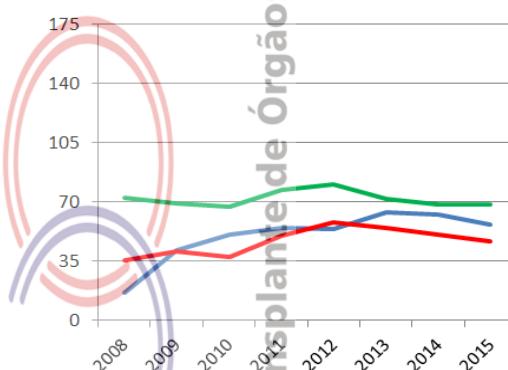
Kidney from living donors - pmp



Liver - pmp (not performed)



Cornea- pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	2	2	3	3	3	3	2	2
Liver (not performed)	2	2	3	3	3	3	2	2
Pancreas (not performed)	2	2	3	3	3	3	2	2
Heart (not performed)	2	2	3	3	3	3	2	2
Lung (not performed)	2	2	3	3	3	3	2	2

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	49	126	157	170	167	199	195	181
Kidney - total	28	31	43	42	39	41	35	27
living donors	24	15	19	25	23	11	13	3
deceased donors	4	16	24	17	16	30	22	24
Liver (not performed)	2	2	3	3	3	3	2	2
Pancreas (not performed)	2	2	3	3	3	3	2	2
Heart (not performed)	2	2	3	3	3	3	2	2
Lung (not performed)	2	2	3	3	3	3	2	2

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	16.2	41.6	50.3	54.5	53.6	63.8	62.5	56.7
Kidney - total	9.2	10.2	13.8	13.5	12.5	13.1	11.2	8.5
living donors	7.9	4.9	6.1	8.0	7.4	3.5	4.2	0.9
deceased donors	1.3	5.3	7.7	5.5	5.1	9.6	7.1	7.5
Liver (not performed)	2	2	3	3	3	3	2	2
Pancreas (not performed)	2	2	3	3	3	3	2	2
Heart (not performed)	2	2	3	3	3	3	2	2
Lung (not performed)	2	2	3	3	3	3	2	2

RIO DE JANEIRO

Population	16,461,173 (8.1%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		1,481	988	412	132	132
		Transplants performed		443	478	231	11	0

Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	122,534	123,890	127,536	127,095	126,261	130,032	Unavailable	Unavailable
External causes	14,420	14,184	13,794	13,765	13,066	13,525	Unavailable	Unavailable
Neurological causes	2,438	2,564	2,865	2,855	2,894	3,018	Unavailable	Unavailable
Population	15,420,375	15,420,375	15,989,929	15,989,929	15,989,929	15,989,929	15,989,929	16,461,173

HOSPITALS	% Brazil
Total number	484 (7.9)
Capital State	199
Country side	285
Nº of beds	45,969 (9.8)
Nº of ICU beds	5,915 (14.7)
Hospitals over 80 beds	207
Teaching hospitals	10
Medical schools	15 (5.4)
Neurosurgery services	41 (9.6)
Number of CIHDOTTS	41
Number of OPOs	5

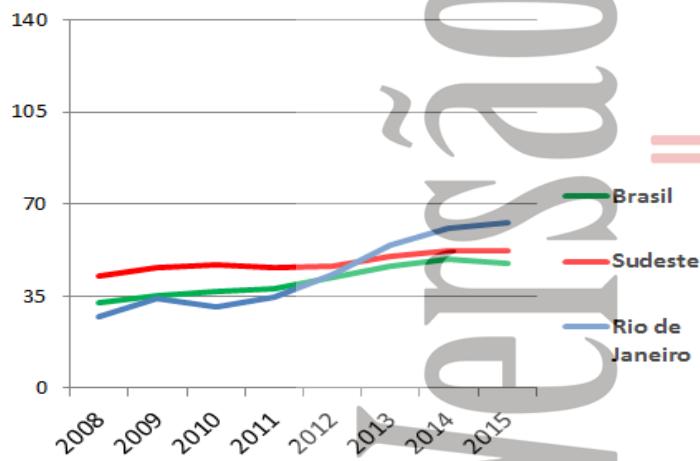
Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emeic.mec.gov.br/> 19/01/2016

CNCDO: Rodrigo Alves Sarlo
 Fone: (21) 2333-7535 / 7543
 E-Mail: transplantes@sauderj.gov.br

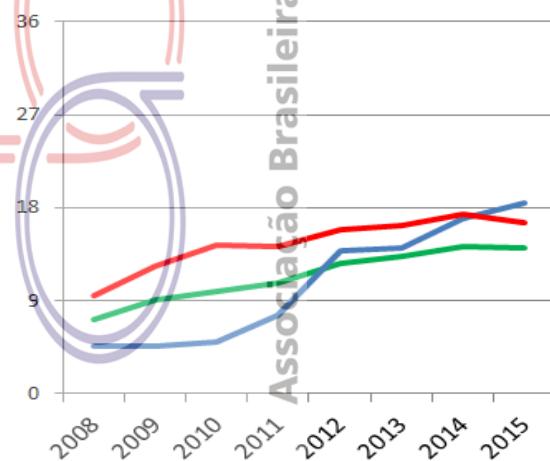


ORGAN DONATION

Notified potential donors - pmp



Effective donors - pmp



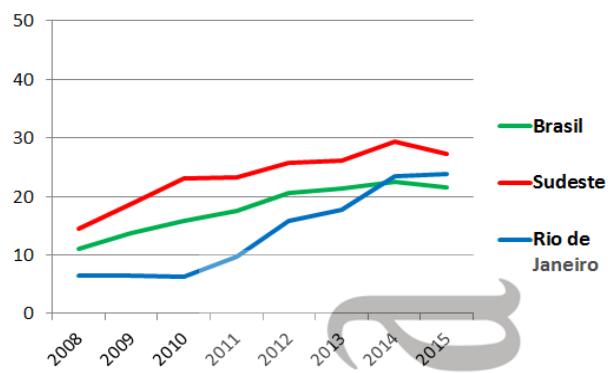
	2008	2009	2010	2011	2012	2013	2014	2015
Number of effective donors	71	69	80	121	221	225	272	303
Number of effective donors (pmp)	4.6	4.5	5.0	7.6	13.8	14.1	17.0	18.4
Potential donors	421	526	498	556	688	869	973	1035
Number of potential donors (pmp)	27.3	34.1	31.1	34.8	43.0	54.3	60.9	62.9
Non consenting families	114	131	126	153	179	229	216	223
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	45	50	44	42
Cardiopulmonary Arrest	94	133	140	174	185	227	200	197
Medical Contraindications	105	149	112	72	59	135	189	263
Others	37	44	40	36	44	53	96	49

RIO DE JANEIRO

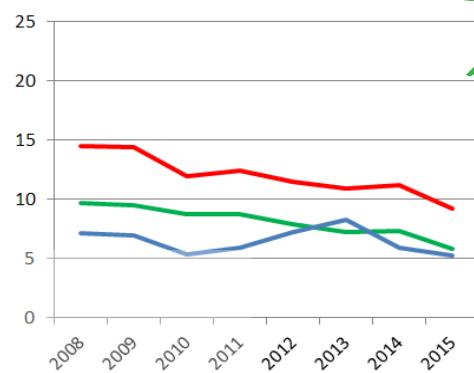
Organ Transplantation



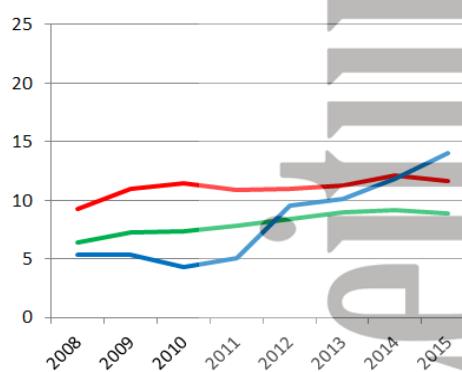
Kidney from deceased donors - pmp



Kidney from living donors - pmp



Liver - pmp



Cornea- pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	10	10	12	11	10	12	11	11
Liver	4	4	7	7	6	7	6	5
Pancreas (not performed)								
Heart	2	1	1	1	2	2	2	2
Lung (not performed)								

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	78	88	138	294	269	310	301	443
Kidney - total	211	205	186	251	367	416	468	478
living donors	110	106	85	94	115	132	94	85
deceased donors	101	99	101	157	252	284	374	393
Liver	83	84	68	82	153	162	188	231
Pancreas (not performed)								
Heart	5	8	6	5	11	10	12	11
Lung (not performed)								

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	5.1	5.7	8.6	18.4	16.8	19.4	18.8	26.9
Kidney - total	13.7	13.3	11.6	15.7	23.0	26.0	29.3	29.0
living donors	7.1	6.9	5.3	5.9	7.2	8.3	5.9	5.2
deceased donors	6.5	6.4	6.3	9.8	15.8	17.8	23.4	23.9
Liver	5.4	5.4	4.3	5.1	9.6	10.1	11.8	14.0
Pancreas (not performed)								
Heart	0.3	0.5	0.4	0.3	0.7	0.6	0.8	0.7
Lung (not performed)								

RIO GRANDE DO NORTE

Population	3,408,510 (1.7%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		307	205	85	27	27
		Transplants performed		130	73	0	0	0
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	15,576	16,215	16,090	17,802	17,923	18,921	Unavailable	Unavailable
External causes	2,084	2,286	2,162	2,414	2,544	2,763	Unavailable	Unavailable
Neurological causes	319	315	345	389	424	442	Unavailable	Unavailable
Population	3,013,740	3,013,740	3,168,027	3,168,027	3,168,027	3,168,027	3,168,027	3,408,510

HOSPITALS	% Brazil
Total number	96 (1.6)
Capital State	31
Country side	65
Nº of beds	6,242 (1.3)
Nº of ICU beds	570 (1.4)
Hospitals over 80 beds	28
Teaching hospitals	3
Medical schools	4 (1.4)
Neurosurgery services	5 (1.2)
Number of CIHDOTTS	8
Number of OPOs	0

Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emec.mec.gov.br/> 19/01/2016

CNCDO: Patrícia Suerda Oliveira Maciel

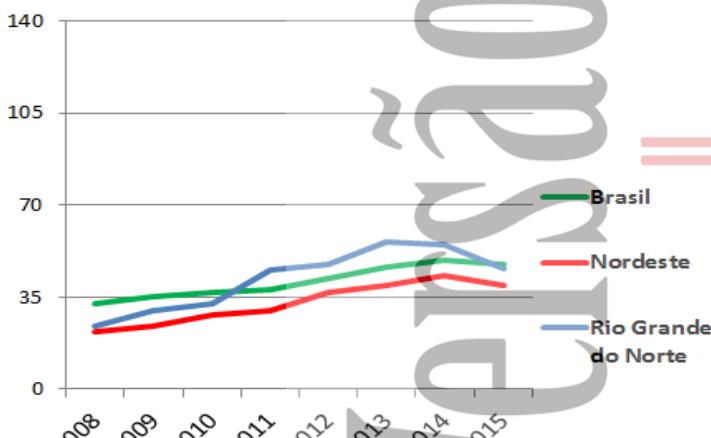
Fone: (84) 3232-7620 / 98137-2487

E-Mail: cncdo@rn.gov.br

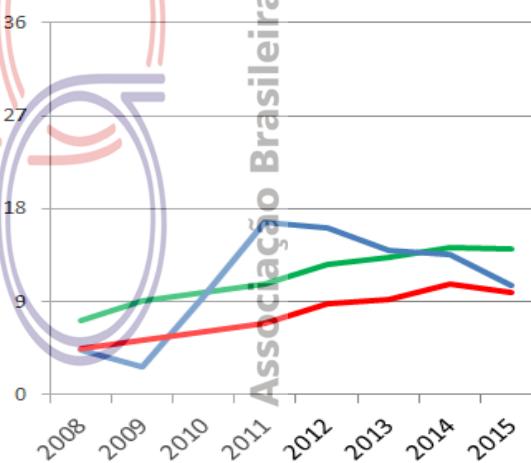


ORGAN DONATION

Notified potential donors - pmp

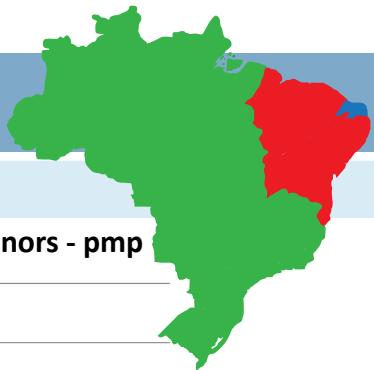


Effective donors - pmp



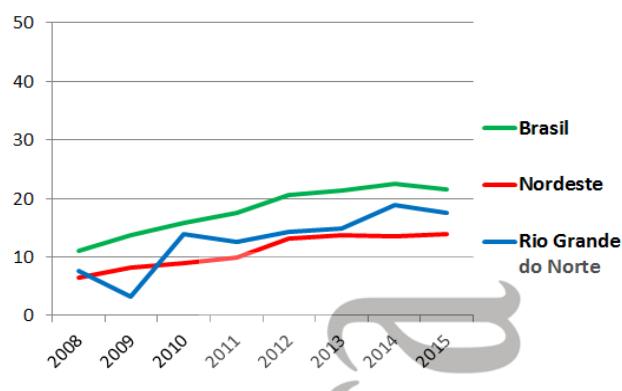
	2008	2009	2010	2011	2012	2013	2014	2015
Number of effective donors	13	8	30	53	51	44	43	36
Number of effective donors (pmp)	4.3	2.7	9.5	16.7	16.1	13.9	13.6	10.6
Potential donors	73	90	103	143	151	177	174	157
Number of potential donors (pmp)	24.2	29.9	32.5	45.1	47.7	55.9	54.9	46.1
Non consenting families	18	21	36	53	65	73	68	53
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	54	61	57	51
Cardiopulmonary Arrest	16	8	19	20	11	5	7	16
Medical Contraindications	21	42	13	7	8	18	19	24
Others	5	11	5	10	16	37	37	28

RIO GRANDE DO NORTE

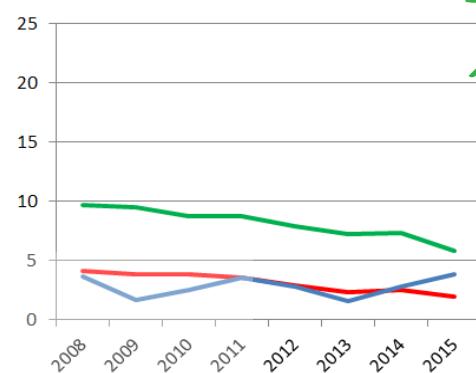


Organ Transplantation

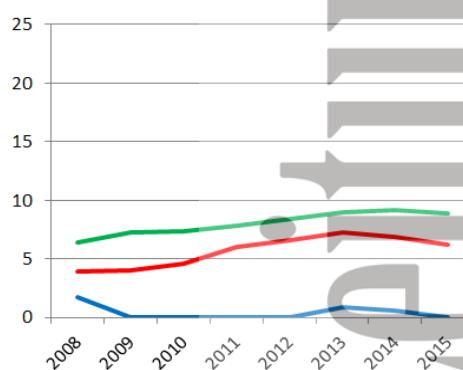
Kidney from deceased donors - pmp



Kidney from living donors - pmp



Liver - pmp



Cornea - pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	3	2	2	1	1	1	2	2
Liver	1	0	0	0	0	1	1	0
Pancreas (not performed)								
Heart	1	1	1	0	0	0	0	0
Lung (not performed)								

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	89	171	224	286	205	171	159	130
Kidney - total	34	15	52	51	54	52	69	73
living donors	11	5	8	11	9	5	9	13
deceased donors	23	10	44	40	45	47	60	60
Liver	5	0	0	0	0	3	2	0
Pancreas (not performed)								
Heart	1	1	3	0	0	0	0	0
Lung (not performed)								

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	29.5	56.7	70.7	90.3	64.7	54.0	50.2	38.1
Kidney - total	11.3	5.0	16.4	16.1	17.0	16.4	21.8	21.4
living donors	3.6	1.7	2.5	3.5	2.8	1.6	2.8	3.8
deceased donors	7.6	3.3	13.9	12.6	14.2	14.8	18.9	17.6
Liver	1.7	0.0	0.0	0.0	0.0	0.9	0.6	0.0
Pancreas (not performed)								
Heart	0.3	0.3	0.9	0.0	0.0	0.0	0.0	0.0
Lung (not performed)								

RIO GRANDE DO SUL

Population	11,207,274 (5.5%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		1,009	672	280	90	90
		Transplants performed		784	541	149	17	36
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	73,996	76,788	77,985	80,148	79,456	83,016	Unavailable	Unavailable
External causes	7,397	7,358	7,257	7,167	7,575	7,766	Unavailable	Unavailable
Neurological causes	1,921	2,028	2,221	2,407	2,424	2,700	Unavailable	Unavailable
Population	10,582,840	10,582,840	10,693,929	10,693,929	10,693,929	10,693,929	10,693,929	11,207,274

HOSPITALS	% Brazil
Total number	328 (5.3)
Capital State	27
Country side	301
Nº of beds	33,275 (7.1)
Nº of ICU beds	2,276 (5.7)
Hospitals over 80 beds	122
Teaching hospitals	16
Medical schools	16 (5.8)
Neurosurgery services	28 (6.6)
Number of CIHDOTTS	41
Number of OPOs	7

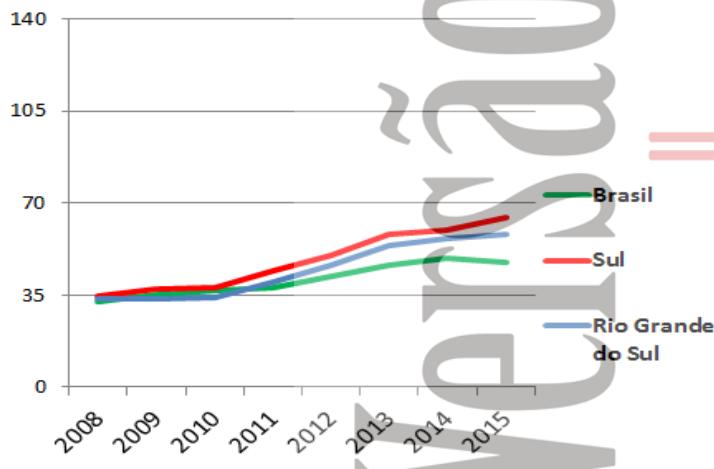
Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emeic.mec.gov.br/> 19/01/2016

CNCDO: Cristiano Augusto Franke
 Fone/Fax: (51) 3353-3030
 E-Mail: centraldetransplantes@sauder.srs.gov.br

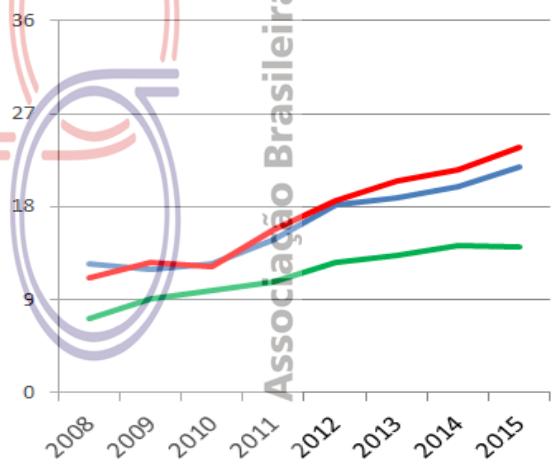


ORGAN DONATION

Notified potential donors - pmp



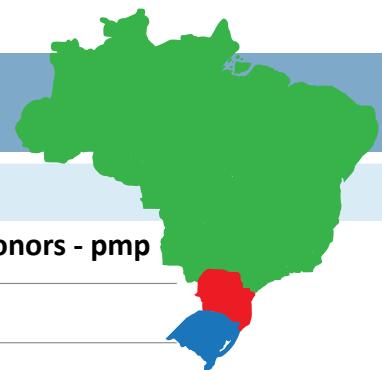
Effective donors - pmp



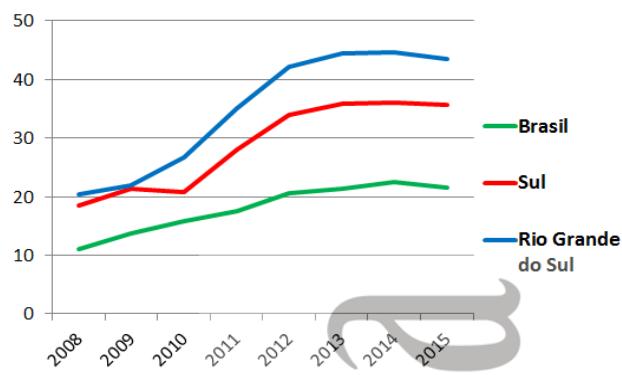
	2008	2009	2010	2011	2012	2013	2014	2015
Number of effective donors	132	126	133	158	194	201	214	245
Number of effective donors (pmp)	12.5	11.9	12.4	14.8	18.1	18.8	20.0	21.9
Potential donors	354	356	368	427	495	579	604	649
Number of potential donors (pmp)	33.5	33.6	34.4	39.9	46.3	54.1	56.5	57.9
Non consenting families	96	99	99	133	167	184	184	182
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	41	45	44	40
Cardiopulmonary Arrest	88	88	88	94	81	113	114	121
Medical Contraindications	38	43	46	36	47	65	80	91
Others	0	0	2	6	6	16	12	10

RIO GRANDE DO SUL

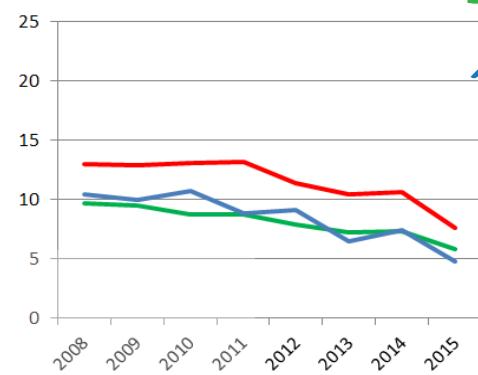
Organ Transplantation



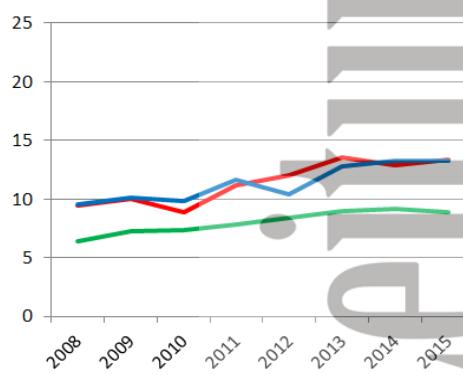
Kidney from deceased donors - pmp



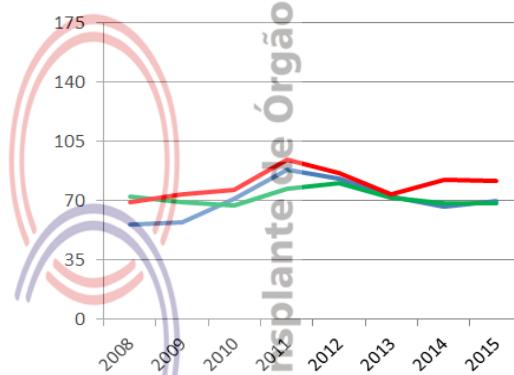
Kidney from living donors - pmp



Liver - pmp



Cornea- pmp



Number of teams that performed transplants during the year

2008 2009 2010 2011 2012 2013 2014 2015

	Unavailable							
Cornea								
Kidney	11	10	8	8	9	10	10	10
Liver	6	7	6	5	5	6	6	6
Pancreas	5	3	3	1	0	0	0	2
Heart	3	2	2	3	3	3	3	3
Lung	1	2	1	2	2	2	2	2

Absolute number of transplants

2008 2009 2010 2011 2012 2013 2014 2015

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	595	607	757	941	886	776	710	784
Kidney - total	325	339	401	473	560	545	555	541
living donors	110	106	114	94	97	70	79	54
deceased donors	215	233	286	374	451	475	476	487
Liver	102	107	105	125	111	137	142	149
Pancreas	18	7	4	1	0	0	0	8
Heart	14	9	5	11	11	12	9	17
Lung	27	41	28	27	33	31	22	36

Number of transplants pmp

2008 2009 2010 2011 2012 2013 2014 2015

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	56.2	57.4	70.8	88.0	82.9	72.6	66.4	70.0
Kidney - total	30.7	32.0	37.5	44.2	52.4	51.0	51.9	48.3
living donors	10.4	10.0	10.7	8.8	9.1	6.5	7.4	4.8
deceased donors	20.3	22.0	26.7	35.0	42.2	44.4	44.5	43.5
Liver	9.6	10.1	9.8	11.7	10.4	12.8	13.3	13.3
Pancreas	1.7	0.7	0.4	0.1	0.0	0.0	0.0	0.7
Heart	1.3	0.9	0.5	1.0	1.0	1.1	0.8	1.5
Lung	2.6	3.9	2.6	2.5	3.1	2.9	2.1	3.2

Associação Brasileira de Transplante de Órgão

RONDÔNIA

	1,748,531 (0.9%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
	494,013	Estimated demand		157	105	44	14	14
	237,576.17	Transplants performed		89	11	0	0	0
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	6,289	6,837	7,225	7,014	7,602	7,500	Unavailable	Unavailable
External causes	1,306	1,436	1,528	1,397	1,566	1,406	Unavailable	Unavailable
Neurological causes	84	105	98	101	141	125	Unavailable	Unavailable
Population	1,453,756	1,453,756	1,562,409	1,562,409	1,562,409	1,562,409	1,562,409	1,748,531

HOSPITALS	% Brazil
Total number	83 (1.3)
Capital State	20
Country side	63
Nº of beds	4,011 (0.9)
Nº of ICU beds	270 (0.7)
Hospitals over 80 beds	14
Teaching hospitals	0
Medical schools	4 (1.4)
Neurosurgery services	5 (1.2)
Number of CIHDOTTS	3
Number of OPOs	0

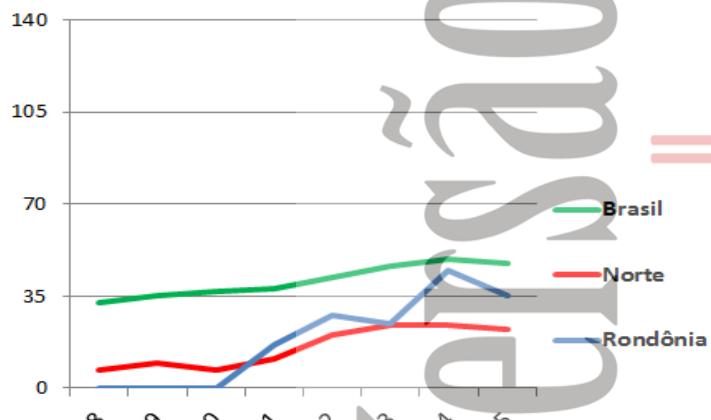
Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emecc.mec.gov.br/> 19/01/2016

CNCDO: Edcléia Gonçalves da Silva
 Fone: (69) 3216-5738 / 3216-5747
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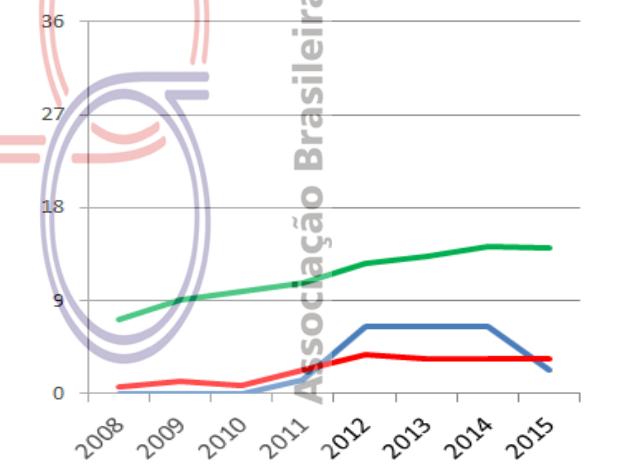


ORGAN DONATION

Notified potential donors - pmp (not performed)

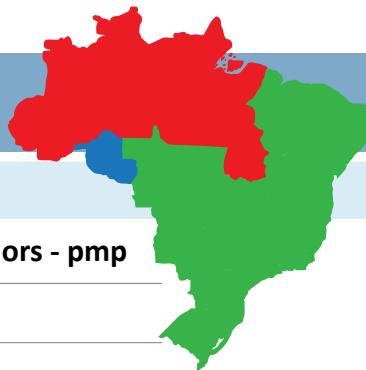


Effective donors - pmp



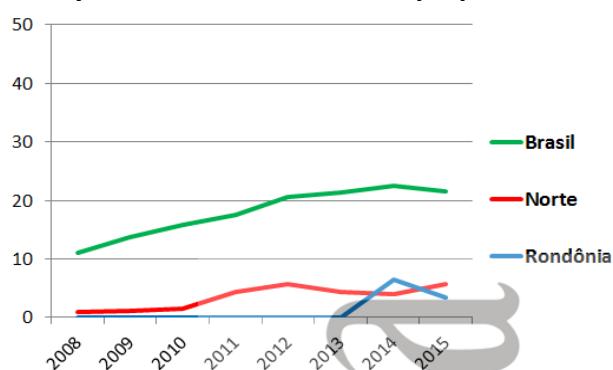
Number of effective donors	2	10	10	10	4
Number of effective donors (pmp)	0.0	0.0	0.0	1.3	2.3
Potential donors	26	43	38	70	62
Number of potential donors (pmp)	0.0	0.0	0.0	16.6	35.4
Non consenting families	3	10	13	17	20
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	77
Cardiopulmonary Arrest	2	0	3	0	2
Medical Contraindications	2	2	1	0	0
Others	19	21	10	42	36

RONDÔNIA

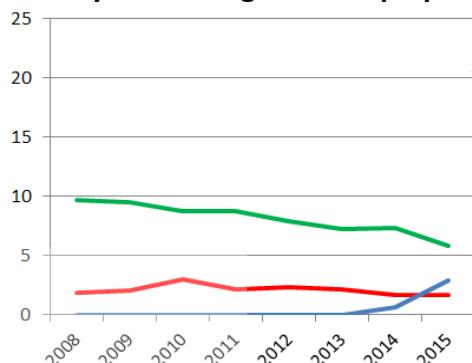


Organ Transplantation

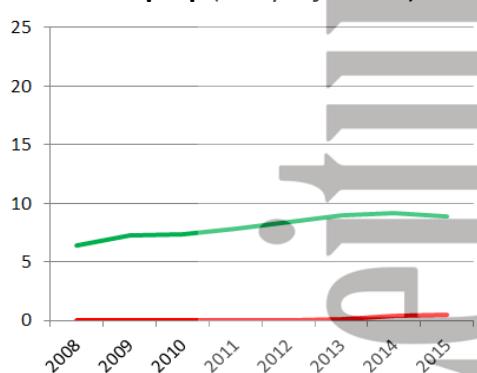
Kidney from deceased donors - pmp



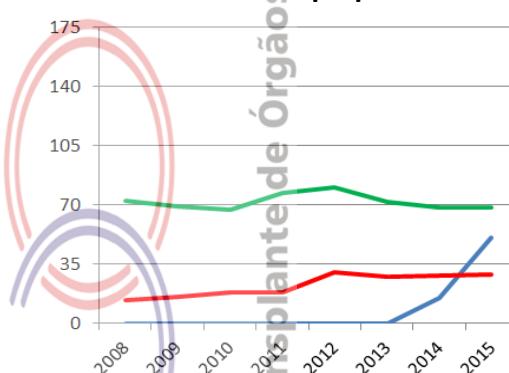
Kidney from living donors - pmp



Liver - pmp (not performed)



Cornea- pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	1	1
Liver (not performed)	Unavailable							
Pancreas (not performed)	Unavailable							
Heart (not performed)	Unavailable							
Lung (not performed)	Unavailable							

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	23	89
Kidney	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	11	11
living donors	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	1	5
deceased donors	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	Unavailable	10	6
Liver (not performed)	Unavailable							
Pancreas (not performed)	Unavailable							
Heart (not performed)	Unavailable							
Lung (not performed)	Unavailable							

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	14.7	14.7	14.7	14.7	14.7	14.7	14.7	50.9
Kidney	7.0	7.0	7.0	7.0	7.0	7.0	7.0	6.3
living donors	0.6	0.6	0.6	0.6	0.6	0.6	0.6	2.9
deceased donors	6.4	6.4	6.4	6.4	6.4	6.4	6.4	3.4
Liver (not performed)	Unavailable							
Pancreas (not performed)	Unavailable							
Heart (not performed)	Unavailable							
Lung (not performed)	Unavailable							

RORAIMA

		Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		45	30	12	4	4
		Transplants performed		0	0	0	0	0
Population	496,936 (0.2%)							
Boa Vista	314,900							
Territory (Km ²)	224,298.98							
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	1,481	1,536	1,640	1,599	1,783	12,151	Unavailable	Unavailable
External causes	337	351	372	350	419	506	Unavailable	Unavailable
Neurological causes	23	14	29	22	40	27	Unavailable	Unavailable
Population	395,725	395,725	450,479	450,479	450,479	450,479	450,479	496,936

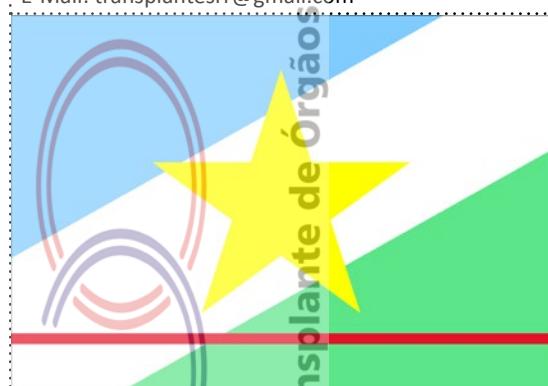
HOSPITALS	% Brazil
Total number	12 (0.2)
Capital State	6
Country side	6
Nº of beds	872 (0.2)
Nº of ICU beds	48 (0.1)
Hospitals over 80 beds	3
Teaching hospitals	0
Medical schools	1 (0.4)
Neurosurgery services	2 (0.5)
Number of CHDOTTs	1
Number of OPOs	0

Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emec.mec.gov.br/> 19/01/2016

CNCDO: Douglas Henrique Teixeira

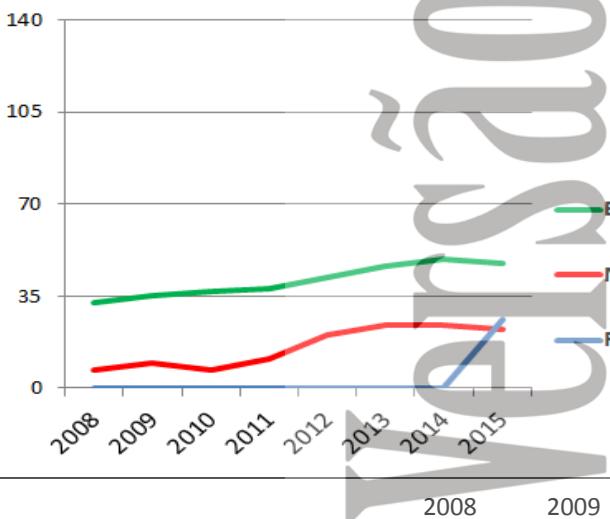
Fone: (95) 3624-4049

E-Mail: transplantesrr@gmail.com

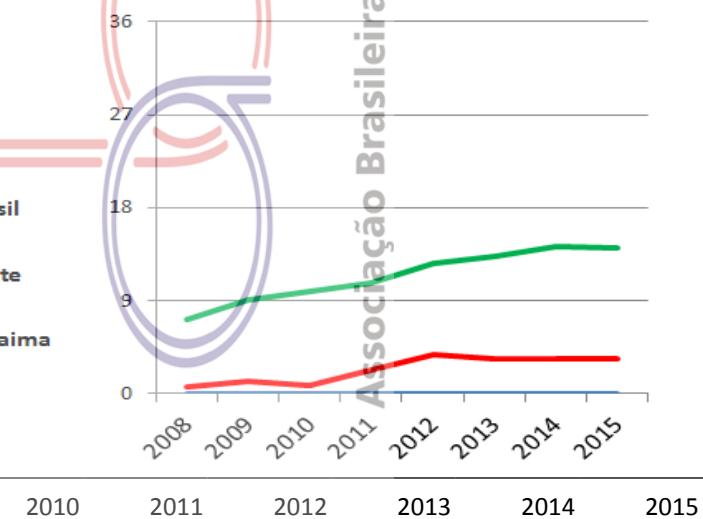


ORGAN DONATION

Notified potential donors - pmp



Effective donors - pmp (not performed)

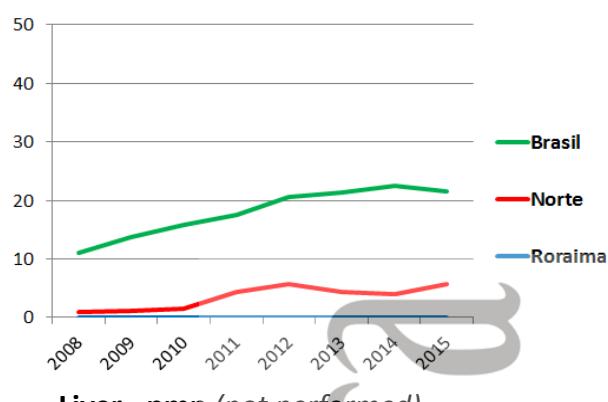


Number of effective donors	0
Number of effective donors (pmp)	0.0
Potential donors	13
Number of potential donors (pmp)	26.2
Non consenting families	0
Percentage of refusal at interviews	Unavailable
Cardiopulmonary Arrest	Unavailable
Medical Contraindications	Unavailable
Others	13

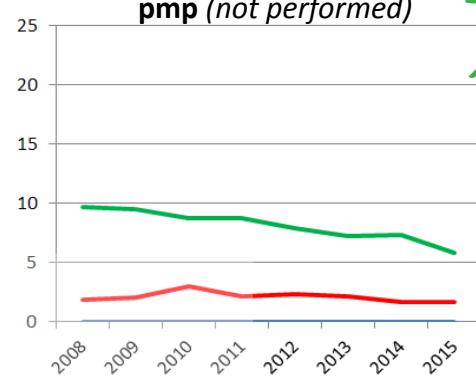
RORAIMA

Organ Transplantation

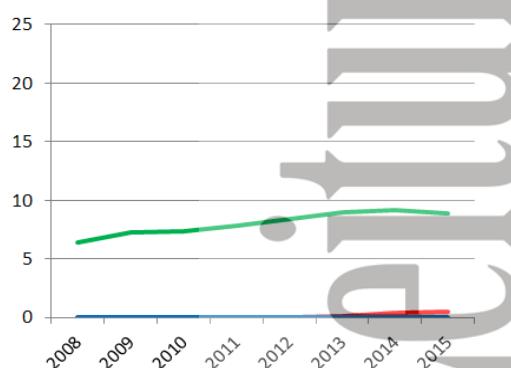
Kidney from deceased donors - pmp (not performed)



Kidney from living donors - pmp (not performed)



Liver - pmp (not performed)



Cornea - pmp (not performed)



Number of teams that performed transplants during the year

2008 2009 2010 2011 2012 2013 2014 2015

Cornea (not performed)	Unavailable						
Kidney (not performed)	Unavailable						
Liver (not performed)	Unavailable						
Pancreas (not performed)	Unavailable						
Heart (not performed)	Unavailable						
Lung (not performed)	Unavailable						

Absolute number of transplants

2008 2009 2010 2011 2012 2013 2014 2015

Cornea (not performed)	Unavailable						
Kidney (not performed)	Unavailable						
living donors	Unavailable						
deceased donors	Unavailable						
Liver (not performed)	Unavailable						
Pancreas (not performed)	Unavailable						
Heart (not performed)	Unavailable						
Lung (not performed)	Unavailable						

Number of transplants pmp

2008 2009 2010 2011 2012 2013 2014 2015

Cornea (not performed)	Unavailable						
Kidney (not performed)	Unavailable						
living donors	Unavailable						
deceased donors	Unavailable						
Liver (not performed)	Unavailable						
Pancreas (not performed)	Unavailable						
Heart (not performed)	Unavailable						
Lung (not performed)	Unavailable						

SANTA CATARINA

Population	6,727,148 (3.3%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		605	404	168	54	54
		Transplants performed		688	241	106	2	0

Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	31,869	33,825	34,474	35,912	35,435	36,285	Unavailable	Unavailable
External causes	4,132	4,039	4,115	4,245	4,285	4,062	Unavailable	Unavailable
Neurological causes	684	778	819	896	1,120	1,073	Unavailable	Unavailable
Population	5,866,252	5,866,252	6,248,436	6,248,436	6,248,436	6,248,436	6,248,436	6,727,148

HOSPITALS	% Brazil
Total number	223 (3.6)
Capital State	23
Country side	200
Nº of beds	16,690 (3.6)
Nº of ICU beds	1044 (2.6)
Hospitals over 80 beds	67
Teaching hospitals	7
Medical schools	10 (3.6)
Neurosurgery services	24 (5.6)
Number of CIHDOTTS	28
Number of OPOs	0

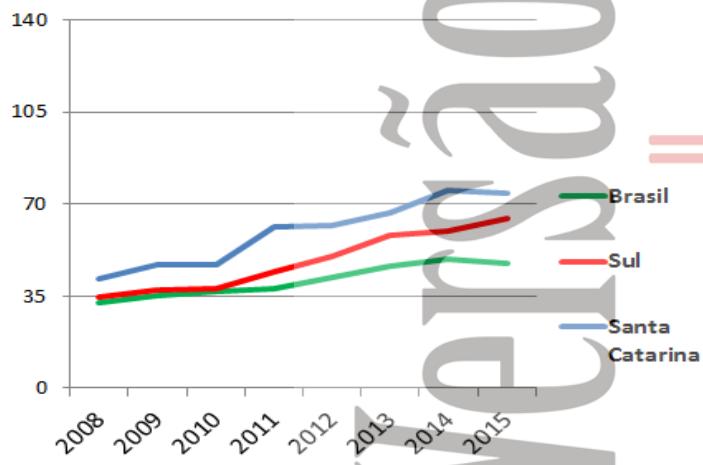
Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emecc.mec.gov.br/> 19/01/2016

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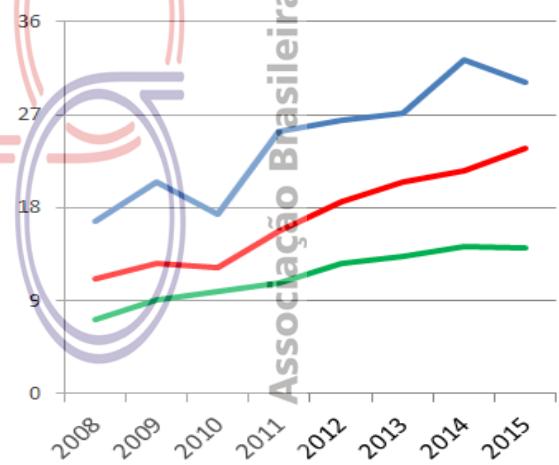


ORGAN DONATION

Notified potential donors - pmp

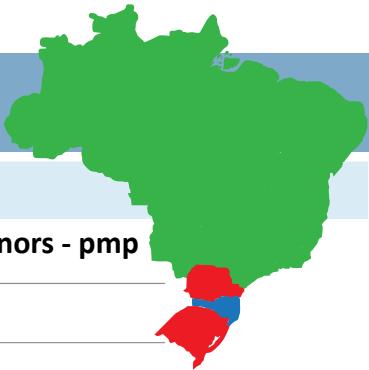


Effective donors - pmp



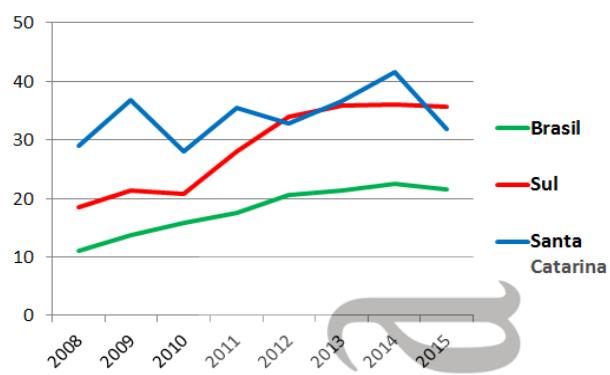
	2008	2009	2010	2011	2012	2013	2014	2015
Number of effective donors	98	120	109	159	165	170	202	203
Number of effective donors (pmp)	16.7	20.5	17.4	25.4	26.4	27.2	32.3	30.2
Potential donors	244	277	295	384	386	416	469	498
Number of potential donors (pmp)	41.6	47.2	47.2	61.5	61.8	66.6	75.1	74.0
Non consenting families	70	94	91	94	111	115	134	150
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	40	39	37	40
Cardiopulmonary Arrest	52	45	20	53	69	41	58	6
Medical Contraindications	13	8	71	74	32	40	56	72
Others	11	10	4	4	9	50	19	67

SANTA CATARINA

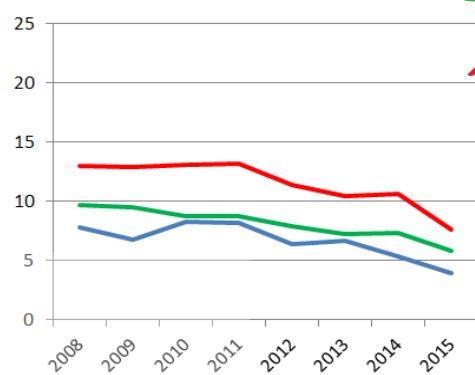


Organ Transplantation

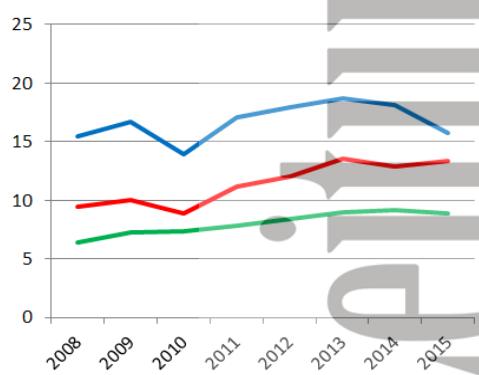
Kidney from deceased donors - pmp



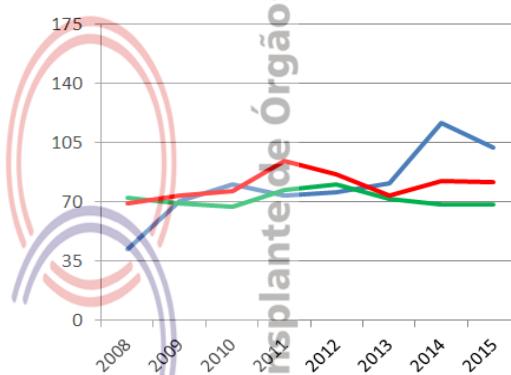
Kidney from living donors - pmp



Liver - pmp



Cornea- pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	6	7	6	5	5	6	6	6
Liver	1	2	2	3	3	3	3	3
Pancreas	1	2	1	1	1	1	1	1
Heart	1	1	0	0	0	1	1	1
Lung (not performed)								

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	246	414	502	462	475	504	729	688
Kidney - total	216	256	227	272	245	270	293	241
living donors	46	40	52	51	40	42	33	26
deceased donors	170	216	175	221	205	228	260	215
Liver	91	98	87	107	112	117	113	106
Pancreas	4	8	6	9	5	12	7	9
Heart	2	1	0	0	0	4	4	2
Lung (not performed)								

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	41.9	70.6	80.3	73.9	76.0	80.7	116.7	102.3
Kidney - total	36.8	43.6	36.3	43.5	39.2	43.2	46.9	35.8
living donors	7.8	6.8	8.3	8.2	6.4	6.7	5.3	3.9
deceased donors	29.0	36.8	28.0	35.4	32.8	36.5	41.6	31.9
Liver	15.5	16.7	13.9	17.1	17.9	18.7	18.1	15.8
Pancreas	0.7	1.4	1.0	1.4	0.8	1.9	1.1	1.3
Heart	0.3	0.2	0.0	0.0	0.0	0.6	0.6	0.3
Lung (not performed)								

SÃO PAULO

Population	44,035,304 (21.7%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung					
		Estimated demand											
		Transplants performed											
São Paulo	11,895,893			3,963	2,642	1,101	352	352					
Territory (Km ²)	248,209.43			4,749	1,983	648	141	33					

Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	249,247	256,627	264,951	270,367	270,432	276,980	Unavailable	Unavailable
External causes	23,837	24,048	24,151	24,276	25,041	24,156	Unavailable	Unavailable
Neurological causes	5,845	6,508	7,182	7,615	7,894	8,347	Unavailable	Unavailable
Population	39,827,570	39,827,570	41,262,199	41,262,199	41,262,199	41,262,199	41,262,199	44,035,304

HOSPITALS	% Brazil
Total number	893 (14.5)
Capital State	197
Country side	696
Nº of beds	105,343 (22.5)
Nº of ICU beds	11,230 (27.9)
Hospitals over 80 beds	429
Teaching hospitals	44
Medical schools	44 (15.9)
Neurosurgery services	116 (27.2)
Number of CIHDOTTS	255
Number of OPOs	10

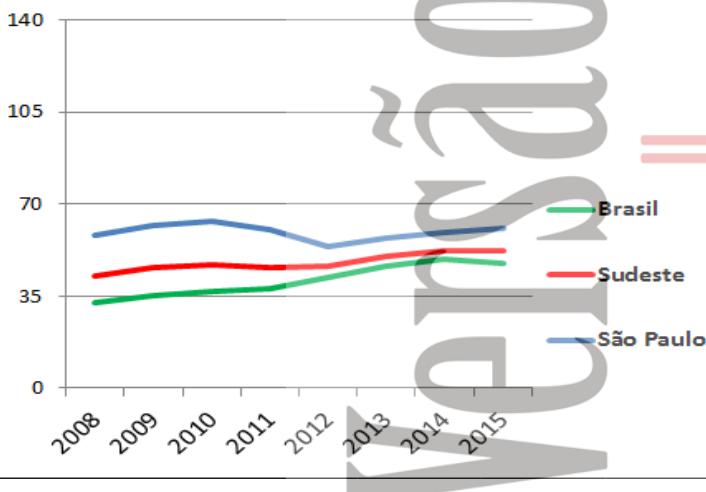
Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emecc.mec.gov.br/> 19/01/2016

CNCDO: Agenor Spallini Ferraz
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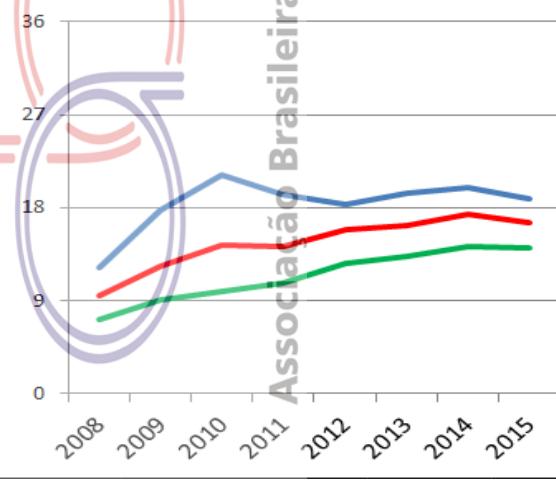


ORGAN DONATION

Notified potential donors - pmp



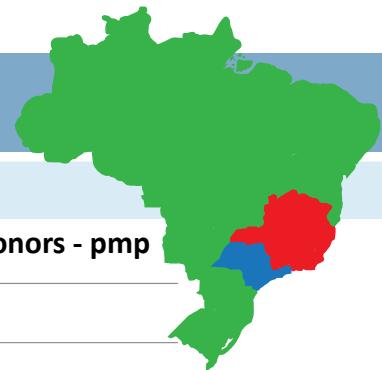
Effective donors - pmp



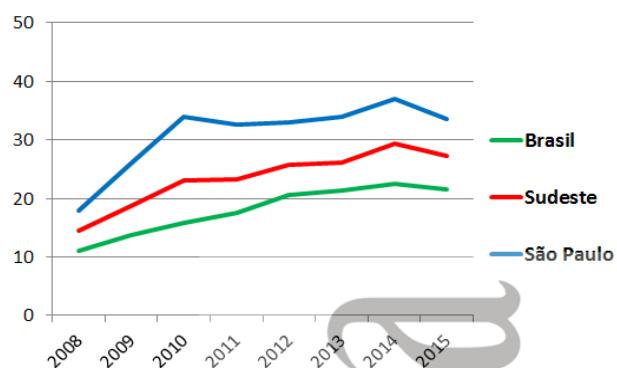
	2008	2009	2010	2011	2012	2013	2014	2015
Number of effective donors	486	705	872	793	757	802	824	832
Number of effective donors (pmp)	12.2	17.7	21.1	19.2	18.3	19.4	20.0	18.9
Potential donors	2,307	2,456	2,621	2,495	2,226	2,366	2,434	2,673
Number of potential donors (pmp)	57.9	61.7	63.5	60.5	53.9	57.3	59.0	60.7
Non consenting families	371	434	654	674	681	716	643	685
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	33	41	36	38
Cardiopulmonary Arrest	859	706	480	374	368	401	401	417
Medical Contraindications	27	54	83	80	73	69	74	75
Others	564	557	532	574	347	378	492	664

SÃO PAULO

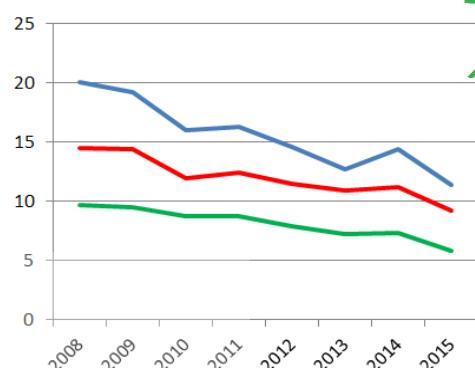
Organ Transplantation



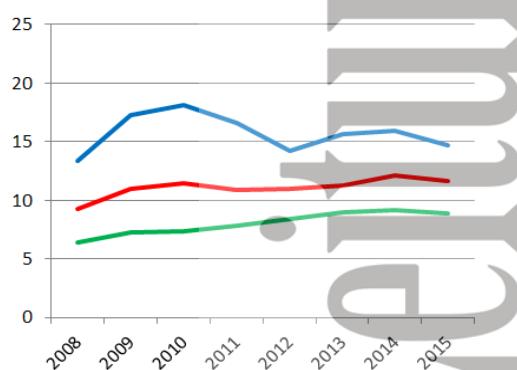
Kidney from deceased donors - pmp



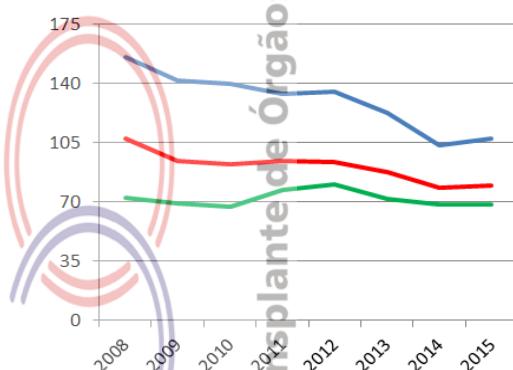
Kidney from living donors - pmp



Liver - pmp



Cornea- pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	33	36	41	34	36	33	35	33
Liver	21	20	23	22	22	22	26	23
Pancreas	14	11	12	17	11	12	7	7
Heart	9	13	11	12	11	14	12	13
Lung	2	2	2	2	2	2	2	2

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	6,204	5,655	5,767	5,523	5,570	5,058	4,273	4,749
Kidney - total	1,512	1,801	2,063	2,014	1,959	1,928	2,122	1,983
living donors	799	764	659	674	602	526	594	503
deceased donors	713	1,037	1,404	1,340	1,357	1,402	1,528	1,480
Liver	534	688	748	685	587	648	656	648
Pancreas	125	124	99	120	77	74	66	54
Heart	72	92	76	69	78	103	134	141
Lung	24	16	30	17	31	37	33	33

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	155.8	142.0	139.8	133.9	135.0	122.6	103.6	107.8
Kidney - total	38.0	45.2	50.0	48.8	47.5	46.7	51.4	45.0
living donors	20.1	19.2	16.0	16.3	14.6	12.7	14.4	11.4
deceased donors	17.9	26.0	34.0	32.5	32.9	34.0	37.0	33.6
Liver	13.4	17.3	18.1	16.6	14.2	15.7	15.9	14.7
Pancreas	3.1	3.1	2.4	2.9	1.9	1.8	1.6	1.2
Heart	1.8	2.3	1.8	1.7	1.9	2.5	3.2	3.2
Lung	0.6	0.4	0.7	0.4	0.8	0.9	0.8	0.7

SERGIPE

Population	2,219,574 (1.1%)	Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		200	133	56	18	18
		Transplants performed		133	0	0	0	0
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	10,239	10,737	10,942	11,397	11,837	12,151	Unavailable	Unavailable
External causes	1,457	1,641	1,781	1,764	1,955	2,165	Unavailable	Unavailable
Neurological causes	159	193	192	194	249	247	Unavailable	Unavailable
Population	1,939,426	1,939,426	2,068,017	2,068,017	2,068,017	2,068,017	2,068,017	2,219,574

HOSPITALS	% Brazil
Total number	43 (0.7)
Capital State	17
Country side	26
Nº of beds	3,461 (0.7)
Nº of ICU beds	355 (0.9)
Hospitals over 80 beds	14
Teaching hospitals	1
Medical schools	2 (0.7)
Neurosurgery services	2 (0.5)
Number of CIHDOTTS	7
Number of OPOs	1

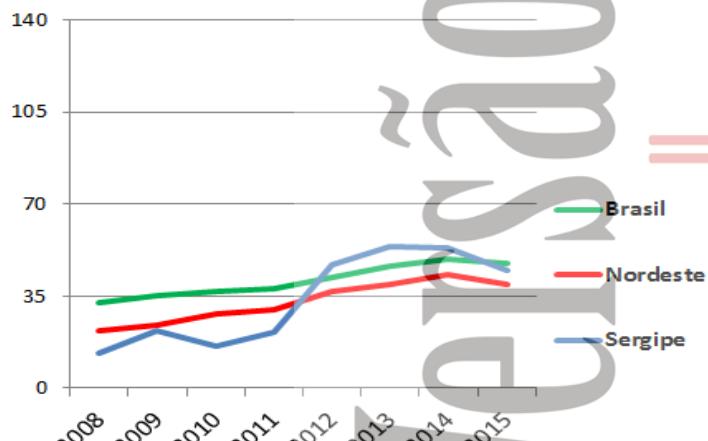
Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emecc.mec.gov.br/> 19/01/2016

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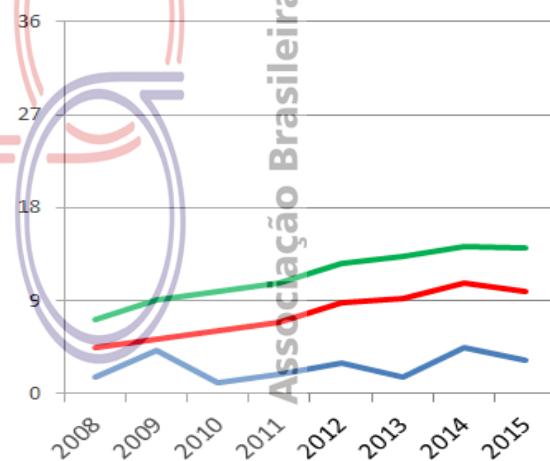


ORGAN DONATION

Notified potential donors - pmp



Effective donors - pmp

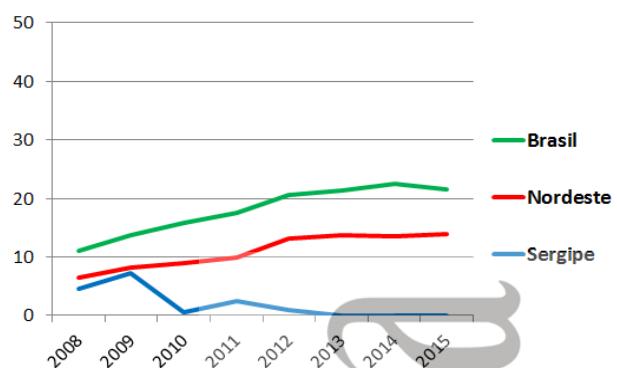


Number of effective donors	3	8	2	4	6	3	9	7
Number of effective donors (pmp)	1.5	4.1	1.0	1.9	2.9	1.5	4.4	3.2
Potential donors	26	42	33	44	97	111	110	100
Number of potential donors (pmp)	13.4	21.7	16.0	21.3	46.9	53.7	53.2	45.0
Non consenting families	5	5	10	15	43	49	45	30
Percentage of refusal at interviews	Unavailable	Unavailable	Unavailable	Unavailable	77	89	78	81
Cardiopulmonary Arrest	7	12	12	9	4	1	2	3
Medical Contraindications	3	17	7	7	14	30	25	26
Others	8		2	9	30	28	29	34

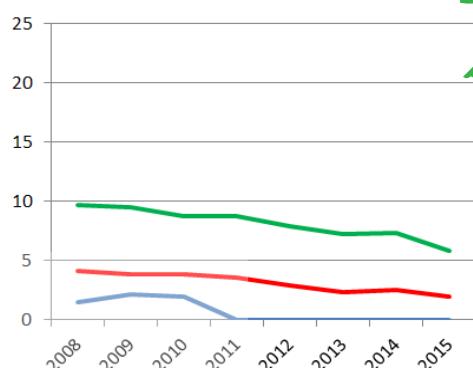


Organ Transplantation

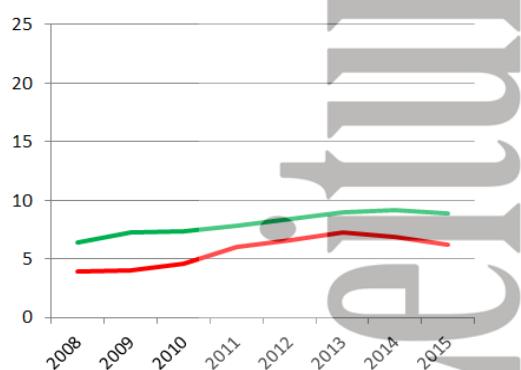
Kidney from deceased donors - pmp



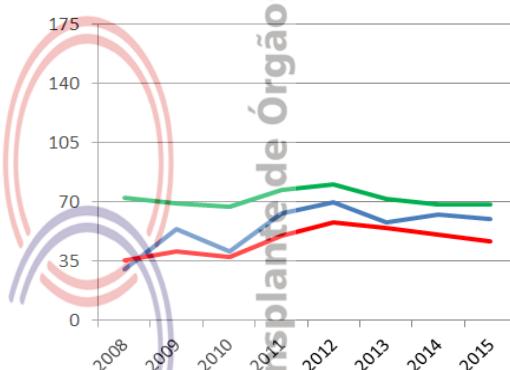
Kidney from living donors - pmp



Liver - pmp (not performed)



Cornea- pmp



Number of teams that performed transplants during the year

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	Unavailable							
Kidney	2	2	2	2	1	0	0	0
Liver (not performed)								
Pancreas (not performed)								
Heart (not performed)								
Lung (not performed)								

Absolute number of transplants

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	59	104	84	130	144	120	129	133
Kidney - total	12	18	5	5	2	0	0	0
living donors	3	4	4	0	0	0	0	0
deceased donors	9	14	1	5	2	0	0	0
Liver (not performed)								
Pancreas (not performed)								
Heart (not performed)								
Lung (not performed)								

Number of transplants pmp

	2008	2009	2010	2011	2012	2013	2014	2015
Cornea	30.4	53.6	40.6	62.9	69.6	58.0	62.4	59.9
Kidney - total	6.2	9.3	2.4	2.4	1.0	0.0	0.0	0.0
living donors	1.5	2.1	1.9	0.0	0.0	0.0	0.0	0.0
deceased donors	4.6	7.2	0.5	2.4	1.0	0.0	0.0	0.0
Liver (not performed)								
Pancreas (not performed)								
Heart (not performed)								
Lung (not performed)								

TOCANTINS

		Estimated annual need and number of transplants		Cornea	Kidney	Liver	Heart	Lung
		Estimated demand		135	90	37	12	12
		Transplants performed		0	0	0	0	0
Population	1,496,880 (0.7%)							
Palmas	265,409							
Territory (Km ²)	277,620.91							
Number of deaths per year	2008	2009	2010	2011	2012	2013	2014	2015
All causes	5,878	6,084	6,479	6,659	6,642	6,871	Unavailable	Unavailable
External causes	954	1,051	1,185	1,211	1,236	1,262	Unavailable	Unavailable
Neurological causes	80	93	123	126	131	131	Unavailable	Unavailable
Population	1,243,627	1,243,627	1,383,445	1,383,445	1,383,445	1,383,445	1,383,445	1,496,880

HOSPITALS	% Brazil
Total number	63 (1.0)
Capital State	11
Country side	52
Nº of beds	2,855 (0.6)
Nº of ICU beds	190 (0.5)
Hospitals over 80 beds	6
Teaching hospitals	0
Medical schools	6 (2.2)
Neurosurgery services	3 (0.7)
Number of CIHDOTTS	
Number of OPOs	0

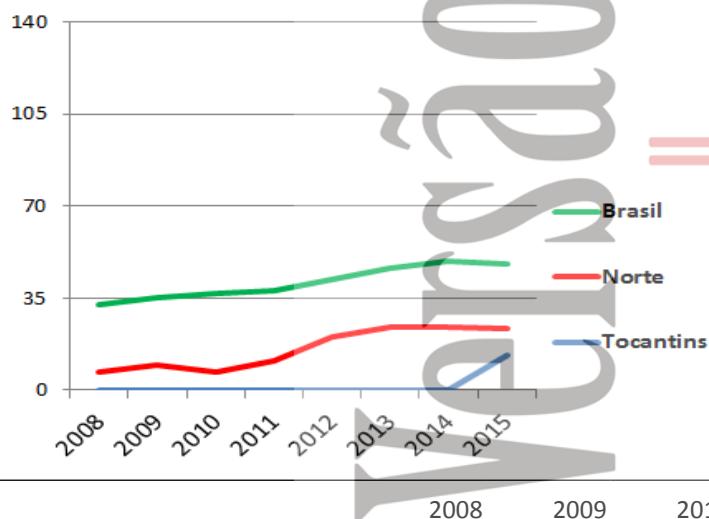
Source: <http://cnes.datasus.gov.br> 11/02/2016
<http://emec.mec.gov.br/> 19/01/2016

CNCDO:Donilda Moreira Rodrigues
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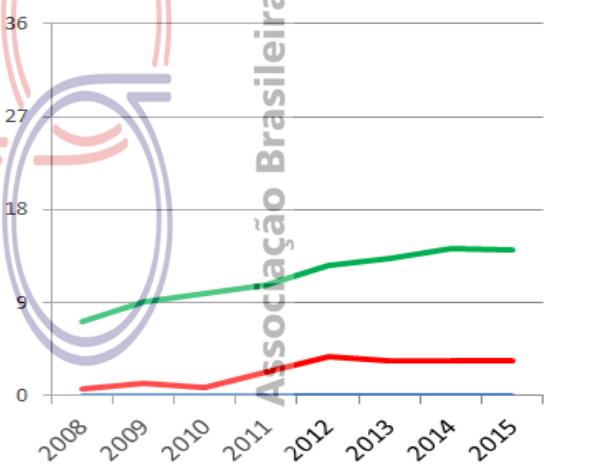


ORGAN DONATION

Notified potential donors - pmp

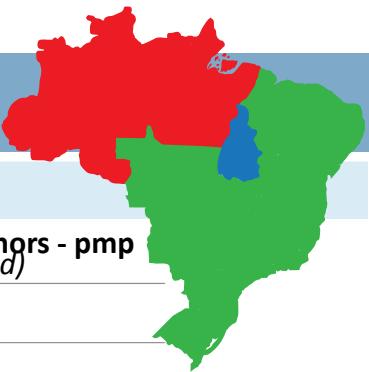


Effective donors - pmp (not performed)



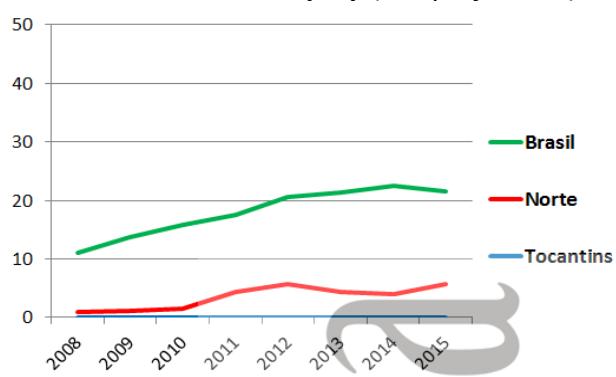
Number of effective donors	0
Number of effective donors (pmp)	0.0
Potential donors	20
Number of potential donors (pmp)	13.4
Non consenting families	1
Percentage of refusal at interviews	Unavailable
Cardiopulmonary Arrest	Unavailable
Medical Contraindications	Unavailable
Others	6

TOCANTINS

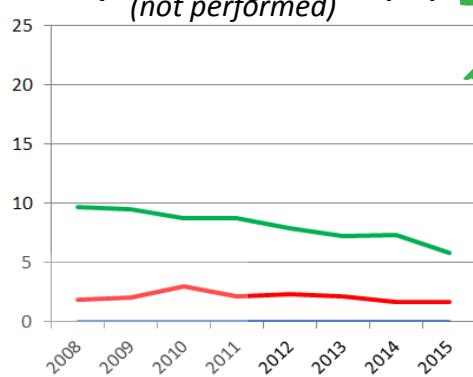


Organ Transplantation

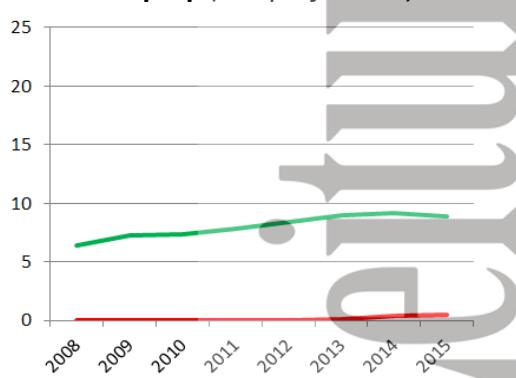
Kidney from deceased donors - pmp (*not performed*)



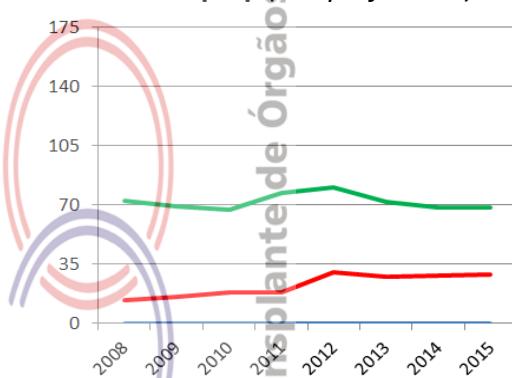
Kidney from living donors - pmp (*not performed*)



Liver - pmp (*not performed*)



Cornea- pmp (*not performed*)



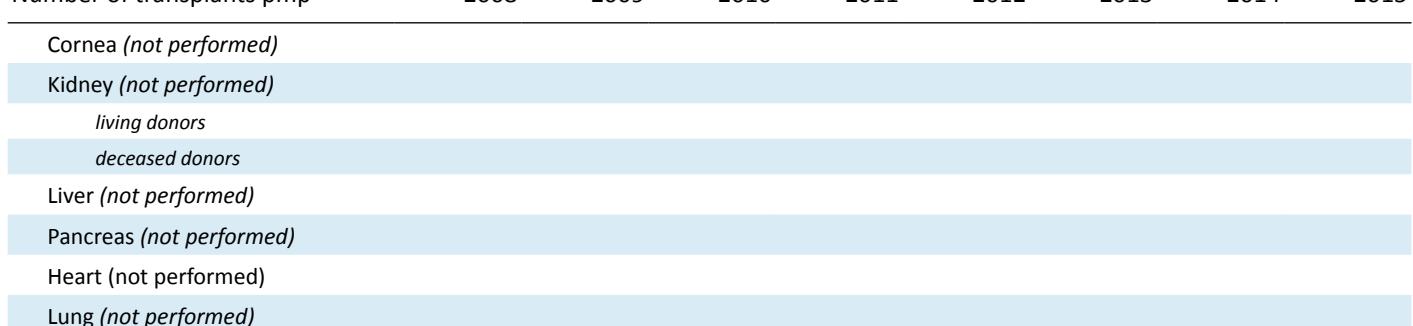
Number of teams that performed transplants during the year



Absolute number of transplants



Number of transplants pmp





Associação Brasileira de Transplante de Órgãos

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