

NEWSLETTER TRANSPLANT

International figures
on donation and
transplantation
2015



EDQM
Volume 21
2016

INTERNATIONAL FIGURES ON ORGAN, TISSUE & HEMATOPOIETIC STEM CELL DONATION & TRANSPLANTATION ACTIVITIES. DOCUMENTS PRODUCED BY THE COUNCIL OF EUROPE EUROPEAN COMMITTEE (PARTIAL AGREEMENT) ON ORGAN TRANSPLANTATION (CD-P-TO). YEAR 2015

Editor: Rafael Matesanz

NATIONAL DATA PROVIDED BY:

AUSTRIA

Dave Green (ET)

BELGIUM

Luc Colenbie

Dave Green (ET)

BULGARIA

Violetta Marinkova

CROATIA

Martina Anušić Juričić

Dave Green (ET)

CYPRUS

Michael Hadjigavriel

CZECH REPUBLIC

Michaela Vrbová

DENMARK

Ilse Duus Weinreich (SKT)

Frank Pedersen (SKT)

ESTONIA

Peeter Dmitriev

FINLAND

Ilse Duus Weinreich (SKT)

Frank Pedersen (SKT)

FRANCE

Christelle Cantrelle

GERMANY

Brigitte Ossadnik

Dave Green (ET)

GREECE

Konstantina Tsaroucha

HUNGARY

Sándor Mihály

IRELAND

Ciara Norton

ITALY

Andrea Ricci

Francesca Puoti

LATVIA

Janis Jushinskis

LITHUANIA

Vita Petronytė

LUXEMBURG

Dave Green (ET)

MALTA

Paul Calleja

NETHERLANDS

Dave Green (ET)

POLAND

Piotr Malanowski

PORTUGAL

Catarina Bolotinha

ROMANIA

Dan Adrian Lusalov

SLOVAKIA

Danile Kuba

Magdaléna Krátka

SLOVENIA

Dave Green (ET)

SPAIN

Elisabeth Coll

Carmen Martín

David Uruñuela

Silvia Martín

SWEDEN

Ilse Duus Weinreich (SKT)

Frank Pedersen (SKT)

UNITED KINGDOM

Lydia Iyamu Perisanidou

(ET) EUROTTRANSPLANT

Members: Austria, Belgium, Croatia, Germany, Hungary, Luxembourg, Netherlands and Slovenia

(SKT) SCANDIATTRANSPLANT

Members: Denmark, Finland, Norway, Sweden and Iceland

ARMENIA

Ashot Sarkissian

AUSTRALIA

Byron Arcia

AZERBAIJAN

Shahlar Nasirov

BELARUS

Nikolay Yakovets

BOSNIA AND HERZEGOVINA

Lada Sarajlić

CANADA

Michael Turner

Juliana Wu

GEORGIA

Gia Tomadze

ICELAND

Ilse Duus Weinreich (SKT)

Frank Pedersen (SKT)

IRAN

Katayoun Najafizadeh

ISRAEL

Tamar Ashkenazi

MACEDONIA

Goce Spasovski

MALAYSIA

Hirman Ismail

MOLDOVA

Igor Codreanu

MONTENEGRO

Marina Ratkovic

NEW ZEALAND

Kylie Hurst

NORWAY

Ilse Duus Weinreich (SKT)

Frank Pedersen (SKT)

RUSSIA

Gabbasova Laylay

SUDAN

Mahmoud Obeid

SWITZERLAND

Franziska Beyeler

SYRIA

Bassam Saeed

TURKEY

Mehmet Ali Aydin

UKRAINE

Vitaliy Sobokar

USA

John Rosendale

(MTN) MEDITERRANEAN

TRANSPLANT NETWORK

Algeria, Cyprus, Egypt, France, Greece, Israel, Italy, Lebanon, Libya, Malta, Morocco, Palestine, Spain, Syria, Tunisia and Turkey

ARGENTINA

Carlos Soratti

www.grupopuntacana.org

BRAZIL

Heder Murari Borba

www.grupopuntacana.org

CHILE

<http://www.trasplante.cl/>

www.grupopuntacana.org

COLOMBIA

Mª Angélica Salinas

www.grupopuntacana.org

COSTA RICA

César A. Gamboa

www.grupopuntacana.org

CUBA

Alexander Mármol

www.grupopuntacana.org

DOMINICAN REPUBLIC

Fernando R. Morales

Alexander Altman

www.grupopuntacana.org

ECUADOR

Rubén D. Chiriboga

www.grupopuntacana.org

GUATEMALA

Rudolf García-Gallont

www.grupopuntacana.org

HONDURAS

Rubén Galeas

www.grupopuntacana.org

MEXICO

J. Salvador Aburto

www.grupopuntacana.org

PANAMA

Cesar J. Cuero

Camilo Chong

www.grupopuntacana.org

PARAGUAY

Hugo A. Espinoza C.

www.grupopuntacana.org

PERU

Mariela Delgado

www.grupopuntacana.org

URUGUAY

Milka Bengochea

www.grupopuntacana.org

VENEZUELA

Evelyn Alonzo

www.grupopuntacana.org

GRUPO PUNTA CANA

Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, Dominican Republic, Ecuador, El Salvador, Spain, Guatemala, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Portugal, Puerto Rico, Uruguay and Venezuela

www.grupopuntacana.org

Organización Nacional de Trasplantes (ONT) – Spain

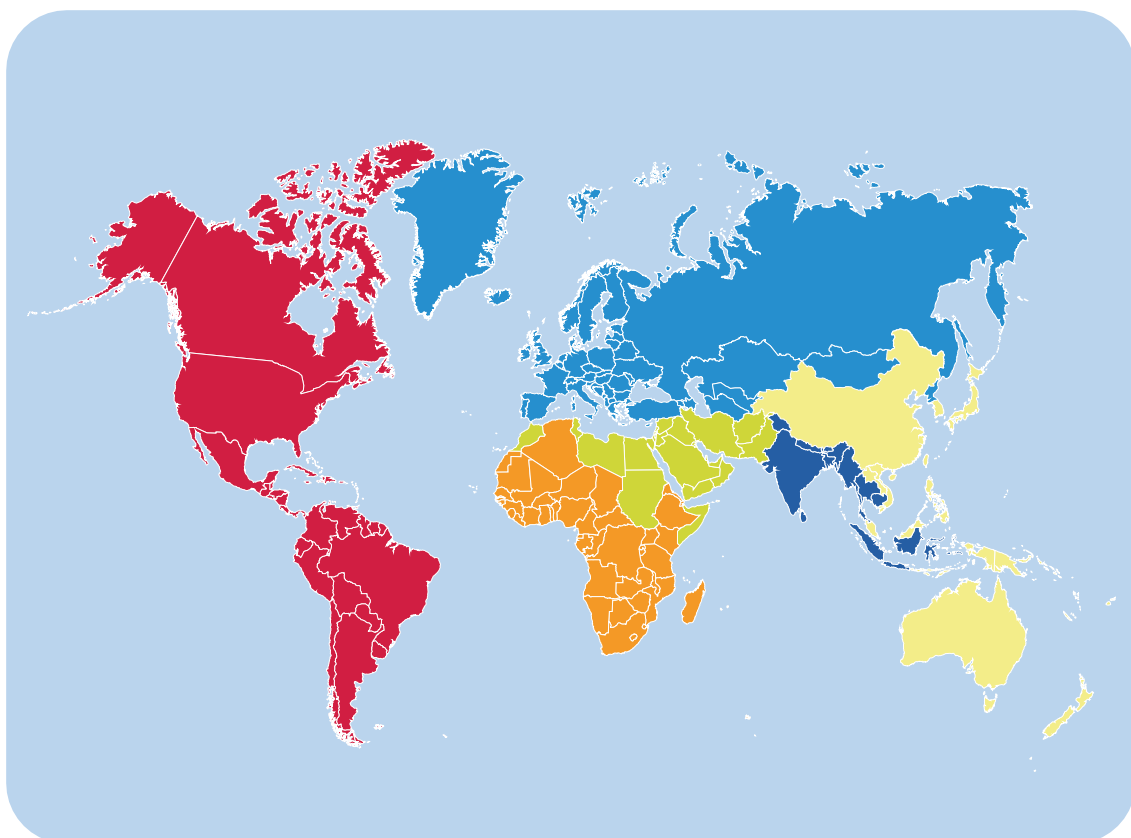
Rafael Matesanz

Beatriz Mahillo

Marina Álvarez

Mar Carmona

NEWSLETTER TRANSPLANT 2016



CONTENTS

• Introduction	3
• International Figures On Organ Donation And Transplantation Activity. Year 2015	5
• International Data On Organ Donation And Transplantation Activity, Waiting List And Family Refusals. Year 2015	35
• International Data On Tissues And Hematopoietic Stem Cell Donation And Transplantation Activity. Year 2015	51
• Global Observatory On Donation And Transplantation	61

FOR THE PURPOSES OF THIS NEWSLETTER THE FOLLOWING DEFINITIONS WERE USED:

Actual deceased organ donor

An actual deceased organ donor is a person from whom at least one organ has been recovered for the purpose of transplantation, in contrast to a utilised donor, who is an actual donor from whom at least one organ has been transplanted. The number of utilised donors is therefore lower or equal than the number of actual donors.

Donor after brain death

A donor after brain death (DBD) is a deceased organ donor in whom death has been determined by neurologic criteria.

Donor after circulatory death

A donor after circulatory death (DCD) is a deceased organ donor in whom death has been determined by circulatory and respiratory criteria.

Multiorgan donor

A multiorgan donor is an actual donor from whom at least two different types of organs have been recovered for the purpose of transplantation.

Total TX. (all combinations included)

Includes the transplantation of the corresponding organ with or without the simultaneous transplant of a different type of organ (s).

Double-kidney TX.

One double-kidney TX. is counted as 1 TX.

TX. from living donors

A living donor is a living human being from whom organs have been recovered for the purpose of transplantation.

A Living Donor has one of the following three possible relationships with the recipient:

A/ Related:

A1/ Genetically Related:

1st Degree Genetic Relative: Parent, Sibling, Offspring

2nd Degree genetic relative, e.g. grandparent, grandchild, aunt, uncle, niece, nephew,

Other than 1st or 2nd degree genetically related, for example cousin

A2/ Emotionally Related: Spouse (if not genetically related); in-laws; Adopted; Friend

B/ Unrelated = Non Related: Not Genetically or Emotionally Related

Heart-lung TX.

One heart-lung TX. is counted as 1 lung TX., 1 heart TX. and 1 heart-lung TX.

Double-lung TX.

One double-lung TX. is counted as 1 TX.

Total number of patients transplanted

For more than one organ transplanted into the same recipient: kidney-liver-heart TX. = counted as one recipient.

Absolute number

Include all figures corresponding to all donors/ patients adults and children.

Paediatric

Includes only paediatric activity (patients aged < 15 years).

Waiting List

Example: At 1/1/2011 there were 200 patients active on the WL. Along the year, 100 patients are newly included on the WL (first row). In total, 300 patients have been ever active on the WL during the year (second row). Along the year, 200 patients were transplanted (number recorded in a different questionnaire), 50 patients remain active at the end of the year (third row), 25 patients died (fourth row) and 25 patients were excluded (number not to be reported, but derived from previous figures).

Patients included on the WL for the first time in the course of 2014	100
Total number of patients ever active on the WL during 2014	300
Patients awaiting for a transplant (only active candidates) on 31/12/2014	50
Patients who died while on the WL during 2014	25

(*The United Nations Fund report (UNFPA: <http://www.unfpa.org/public/>) is used as the data source for estimates of population size)

TRANSPLANT NEWSLETTER – COUNCIL OF EUROPE, A LOOK INTO THE PAST AND THE FUTURE

RAFAEL MATESANZ

Director ONT – Editor TRANSPLANT NEWSLETTER 1993-2016

Organs tissues and cells donation and transplantation is a very sensitive topic for public opinion. Its relevance clearly exceeds the scope of health care provision, and deal with legal, ethic, organisational and communication aspects. The fact that transplantation often involves life or death decisions and that scarcity of organs represent the limiting factor of these therapies makes a real difference with other technologies. International cooperation seems particularly necessary in this field, and **the Council of Europe** was the first international organism to create in 1988 an official and permanent forum for experts in organisational aspects of organs and tissue transplantation (the **SP-CTO**). **The Committee of Experts on the Organisational Aspects of Cooperation in Organ Transplantation** was set up following the **3rd Conference of European Health Ministers in Paris in 1987** on the ethical, organisational and legislative aspects on organ transplantation.

The first meeting was also held in **Paris 1988**, and **Professor Jacques Hors (Paris, France)** was elected its first chairman. During the first years, every country member or transplant organization (only 6 at the beginning) provided a short report with the more relevant data about legislation, activities and so on. There was not a standard way to give this information and just the compilation of all these reports, even without editing, became the embryo of the future publication of the committee.

I became a member of SP-CTO in **1989** and **I was honoured to chair this committee for seven years (1995-2000 and 2003-2005)** and **vice chair other two (2005-2007)**. The outstanding work of SP-CTO in the field of organ, tissues and cells donation and transplantation for many years has served as a model for other International Bodies in different parts of the world for setting standards, obtaining accurate data of activity, and implementing new forms of organization.

In **1993** (23 years ago) I became responsible of the edition of **TRANSPLANT NEWSLETTER**, with a main objective: to obtain and compare organ donation and transplantation activity data, in a standard and common way, from all country members. This was achieved for the first time with the data of **1995** and not only in Europe but also in other relevant countries such as USA, Canada or Australia. As a curiosity the now standard way to express these data as donors or transplants per million population

was adopted following the model of the countries included in SCANDIATRANSPLANT which used this methodology even during the eighties much before than other countries.

TRANSPLANT NEWSLETTER soon became the only official publication which provided data of organ donation and transplantation of, every day more and more countries all over the world. A wonderful example was Latin America. Thanks to the cooperation of professionals and authorities of Spanish and Portuguese speaking countries included in the **IBEROAMERICAN COUNCIL OF ORGAN DONATION AND TRANSPLANTATION**, which we created and can be perfectly considered as a reflex of this Committee at the other side of Atlantic Ocean, we get from the beginning of this century accurate data from all these countries.

In the same way, since 2008 and through the agreement between **WHO** and **ONT** to elaborate and manage the **GLOBAL OBSERVATORY OF ORGAN DONATION AND TRANSPLANTATION (GODT)**, we are obtaining the data from the other continents and express the summary in **TRANSPLANT NEWSLETTER**, which in this way has become a splendid publication with data from all over the world.

Information is an absolute need for taking decisions. It is a simple question of justice to thank all the people who provides these data every year from the different countries. We all are contributing to make these therapies everyday available to more and more people all over the world. Thank you also and very especial to the whole ONT staff which has made possible the edition of **TRANSPLANT NEWSLETTER** during almost a quart of century (**Blanca Miranda, Carmen Martín, Ana García, Marina Alvarez, Mar Carmona, Beatriz Mahillo** & many other, in fact the whole ONT staff) and will keep on doing in the future, of course if all the countries continue with its trust in our work.

After all these years of work in the field of transplantation, and fruitful cooperation with the Council of Europe, I am going to be retired in a few months, and leave the ONT and therefore all the international compromises, included those with the **Council of Europe, European Commission, RCIDT and WHO** in younger hands, with a very solid future. The edition of **TRANSPLANT NEWSLETTER** will remain as an institutional compromise of the

Spanish Ministry of Health and the ONT with the Council of Europe and other International Bodies with total independence of the persons which can be present in every moment.

And a final message: It is clear that in the field of transplantation, neither the problems nor the solutions can be isolated or concentrated in a single country or a limited group of them. Persons, goods and services are moving every day in a more free way, not just throughout Europe but every day through more and more countries in the world. For this reason it is particularly important a full agreement in the working lines of the different International bodies. The not-for-profit principle is not only a moral notion. There are serious risks involved when economic considerations enter the field. **The not-for-profit idea contributes to protection of the donor against the use of his or her body which could be detrimental to his/her health.** The not-for-profit idea also contributes

towards protecting the health of the recipient. It is a daily reality that one tends to become lenient on safety requirements when trade is involved. Besides, there are too many, often conflicting interests involved with transplantation which are used in health care, to be left entirely to voluntary commitment. So a comprehensive and harmonized regulation and a real and effective international co-operation is required in this field.

It is a responsibility of those countries which during the last decades have reached a good quantitative and qualitative level of activity, in organ and tissue transplantation, to help and give an adequate support to the new states which are now incorporating these therapies to their citizens.

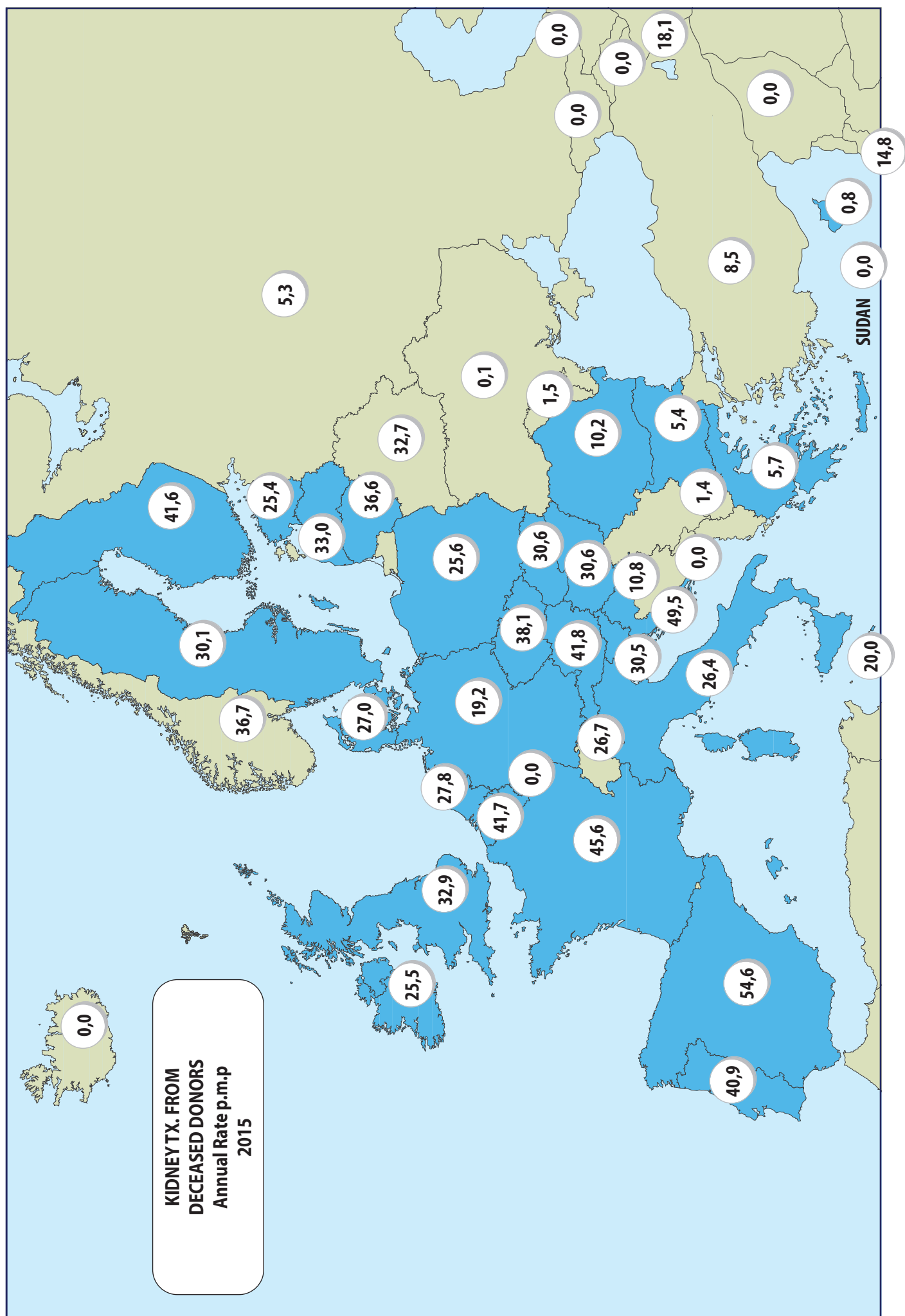
With my warmest wishes for the future and thanks for your understanding if any time we did not meet your expectations.



International Figures On Organ Donation And Transplantation Activity. Year 2015



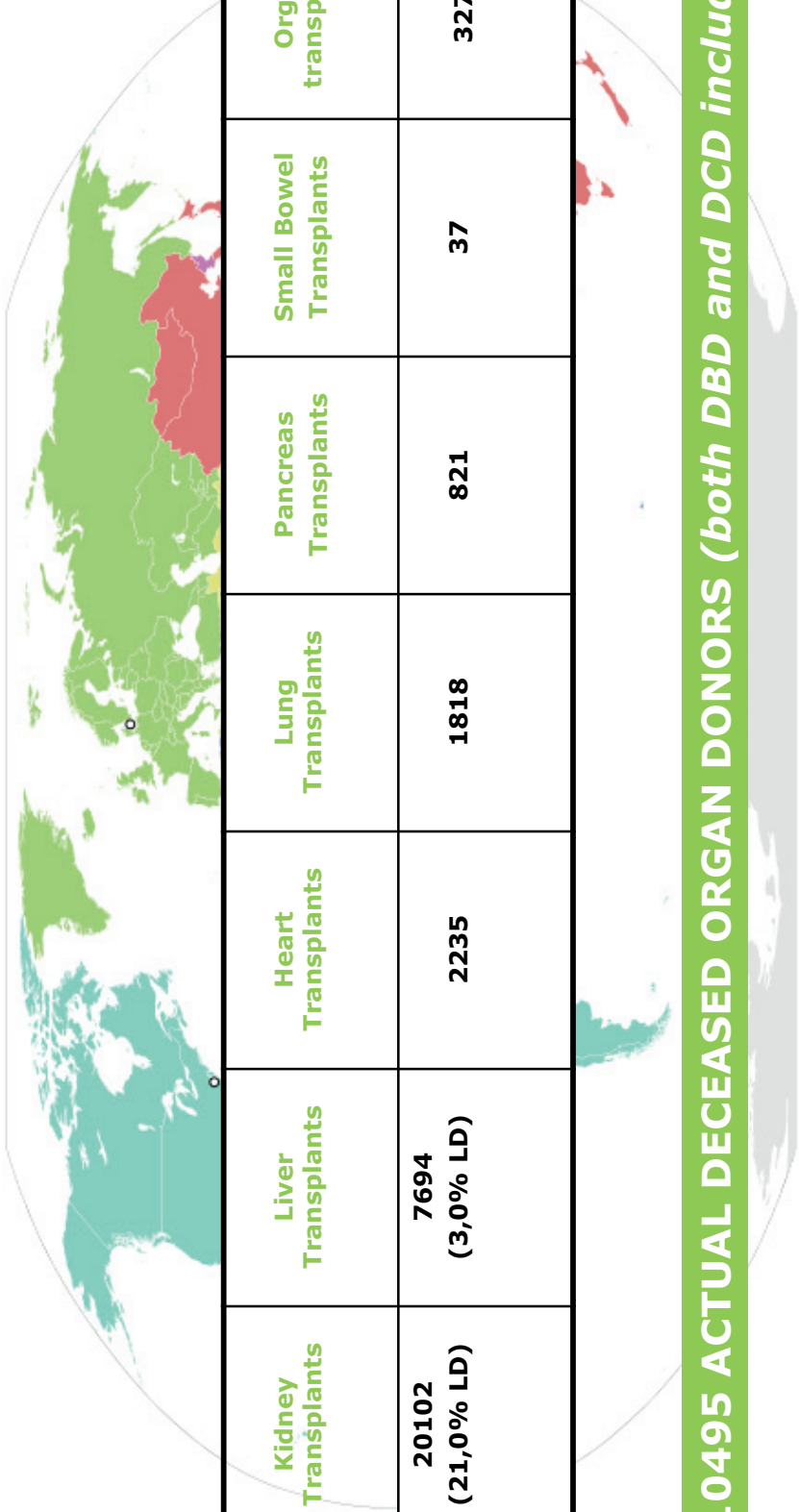








EUROPEAN UNION DATA



Kidney Transplants	Liver Transplants	Heart Transplants	Lung Transplants	Pancreas Transplants	Small Bowel Transplants	Organs transplanted
20102 (21,0% LD)	7694 (3,0% LD)	2235	1818	821	37	32707

10495 ACTUAL DECEASED ORGAN DONORS (both DBD and DCD included)

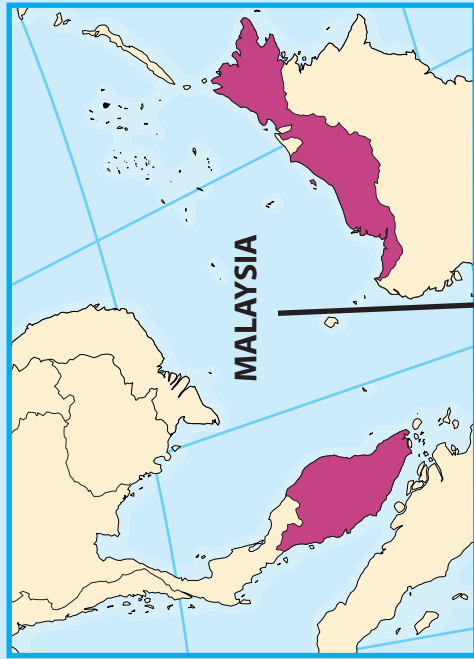
***2015 data**

N= 28 COUNTRIES (505,1 million inhabitants)

Population (million inhabitants): UNFPA		
Actual deceased organ donors – both DBD and DCD included –	Number	PMP
KIDNEY	681	19.0
Total TX. – all combinations included –	1437	40.0
TX. from living donors	445	12.4
Total TX. – all combinations included –	526	14.7
Total TX. – all combinations included –	172	4.8
Total TX.	<5	<1.4
Total TX. – all combinations included –	279	7.8
Total TX. – all combinations included –	76	2.1
Total TX. – all combinations included –	<5	<1.4
Total number of patients transplanted	2492	69.4

Population (million inhabitants): UNFPA		
Actual deceased organ donors – both DBD and DCD included –	Number	PMP
KIDNEY	9079	28.2
Total TX. – all combinations included –	18597	57.8
TX. from living donors	5628	17.5
Total TX. – all combinations included –	7127	22.1
Total TX. – all combinations included –	2819	8.8
Total TX.	15	0.0
Total TX. – all combinations included –	2072	6.4
Total TX. – all combinations included –	947	2.9
Total TX. – all combinations included –	141	0.4
Total number of patients transplanted	29851	92.8

Population (million inhabitants): UNFPA		
Actual deceased organ donors – both DBD and DCD included –	Number	PMP
KIDNEY	435	18.1
Total TX. – all combinations included –	945	39.4
TX. from living donors	242	10.1
Total TX. – all combinations included –	268	11.2
Total TX. – all combinations included –	95	4.0
Total TX.	2	0.1
Total TX. – all combinations included –	195	8.1
Total TX. – all combinations included –	45	1.9
Total TX. – all combinations included –	1	0.0
Total number of patients transplanted	1485	61.9

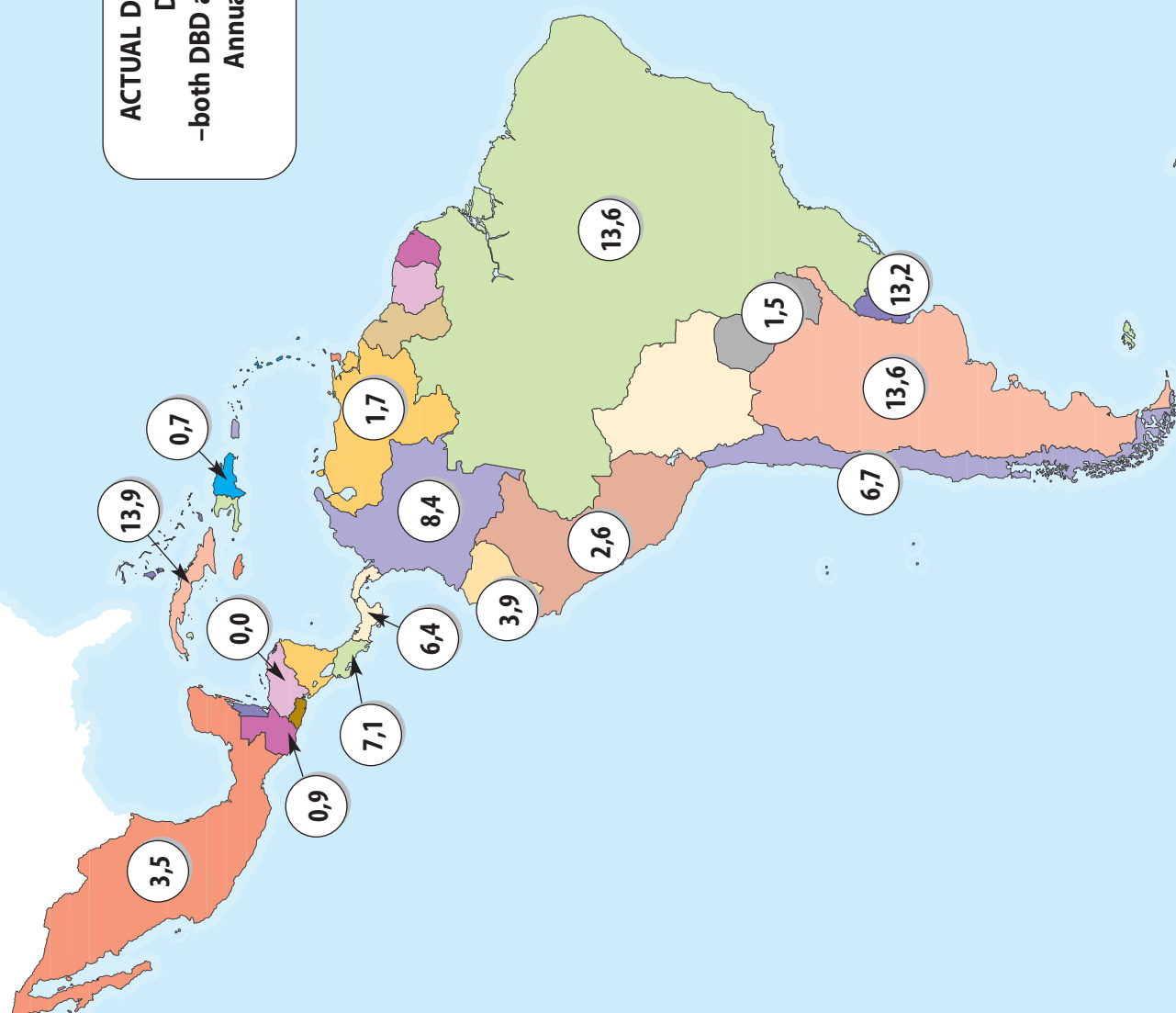


Population (million inhabitants): UNFPA		
Actual deceased organ donors – both DBD and DCD included –	Number	PMP
KIDNEY	30	1.0
Total TX. – all combinations included –	27	0.9
TX. from living donors	31	1.0
Total TX. – all combinations included –	12	0.4
Total TX. – all combinations included –	1	0.0
Total TX.	1	0.0
Total TX. – all combinations included –	1	0.0
Total TX. – all combinations included –	0	0.0
Total TX. – all combinations included –	0	0.0
Total number of patients transplanted	97	3.2

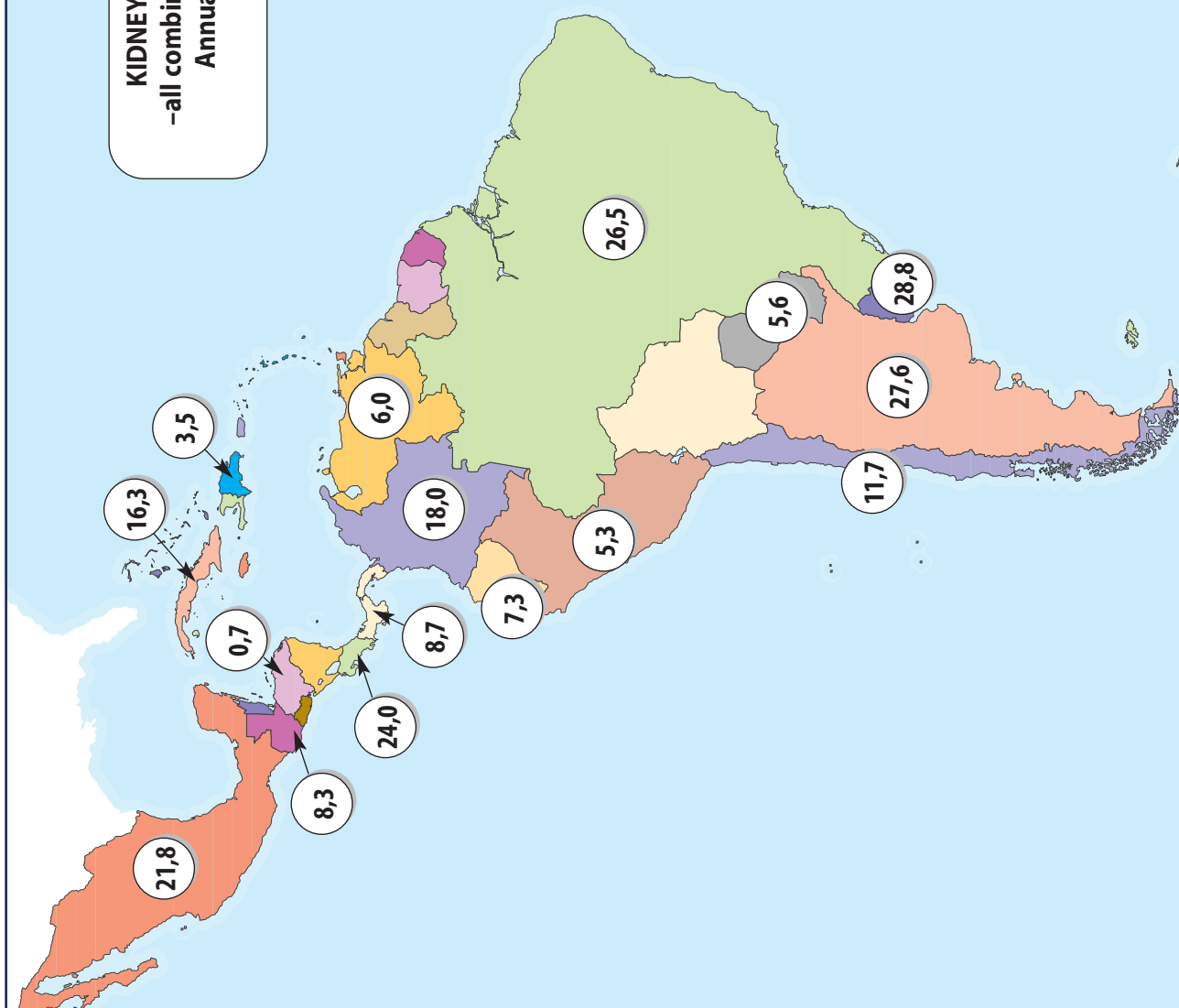
Population (million inhabitants): UNFPA		
Actual deceased organ donors – both DBD and DCD included –	Number	PMP
KIDNEY	53	11.8
Total TX. – all combinations included –	147	32.7
TX. from living donors	74	16.4
Total TX. – all combinations included –	48	10.7
Total TX. – all combinations included –	12	2.7
Total TX.	0	0.0
Total TX. – all combinations included –	23	5.1
Total TX. – all combinations included –	3	0.7
Total TX. – all combinations included –	0	0.0
Total number of patients transplanted	230	51.1



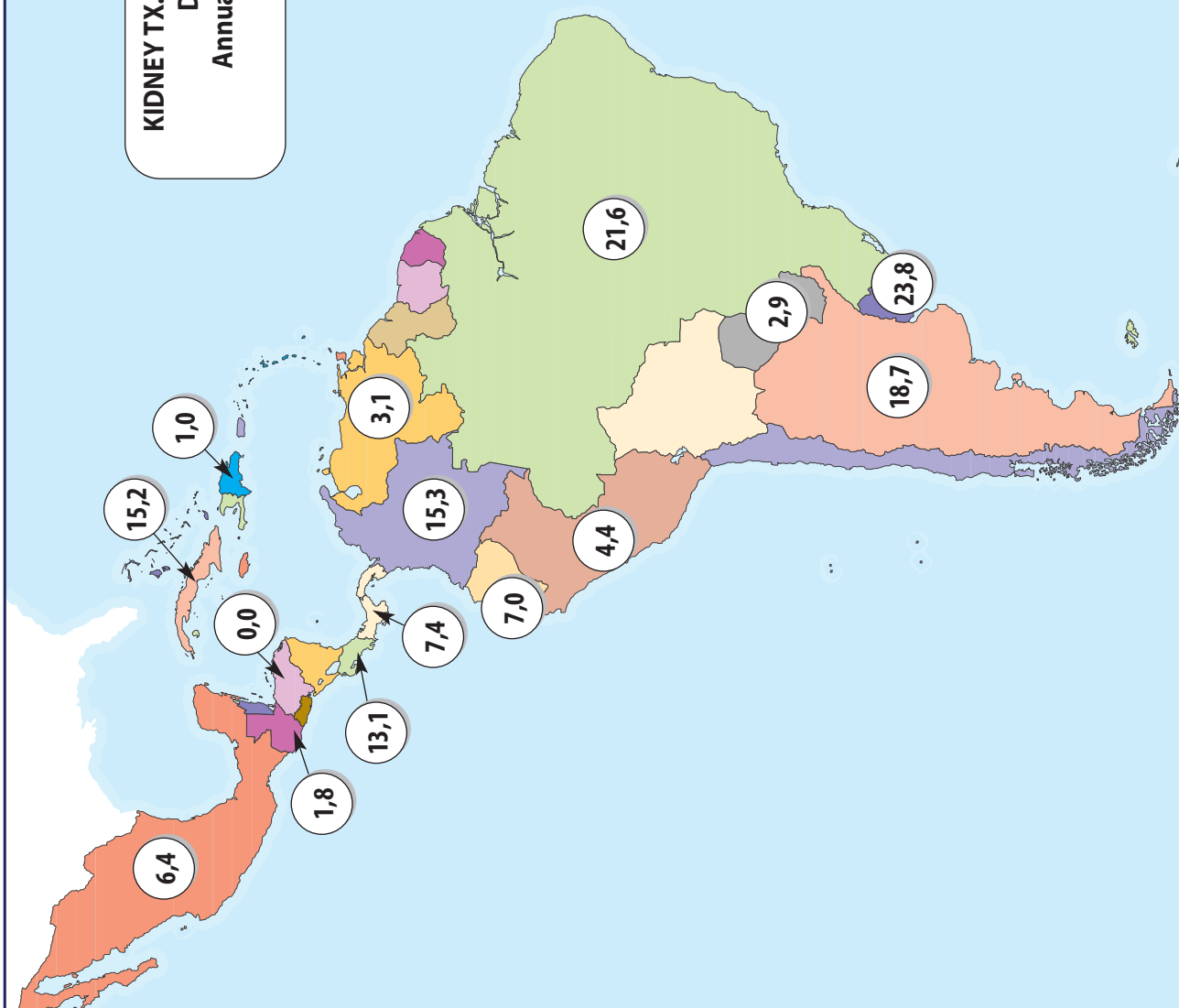
**ACTUAL DECEASED ORGAN
DONORS**
-both DBD and DCD included-
Annual Rate p.m.p
2015



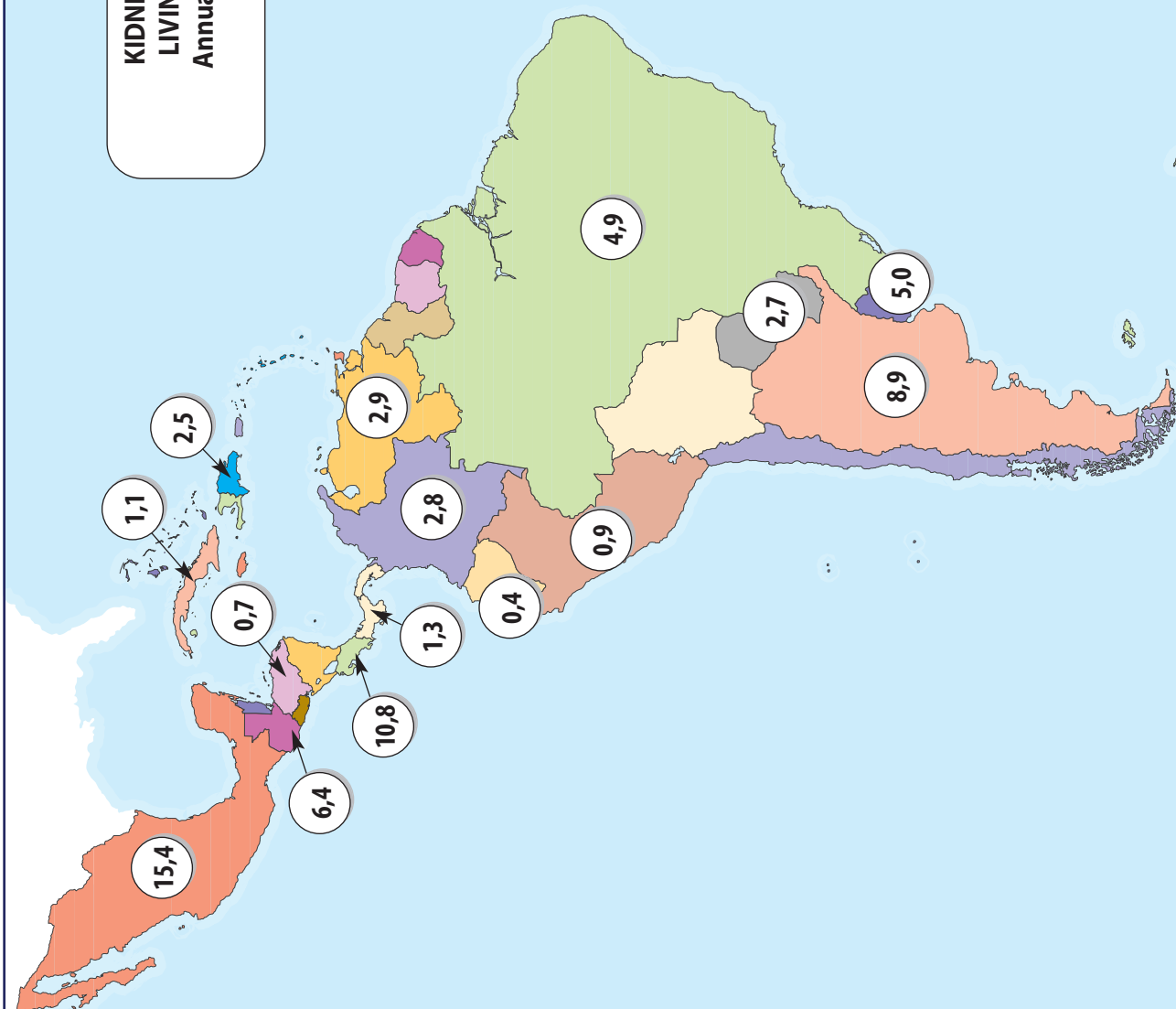
KIDNEY TRANSPLANT
 --all combinations included--
 Annual Rate p.m.p
 2015



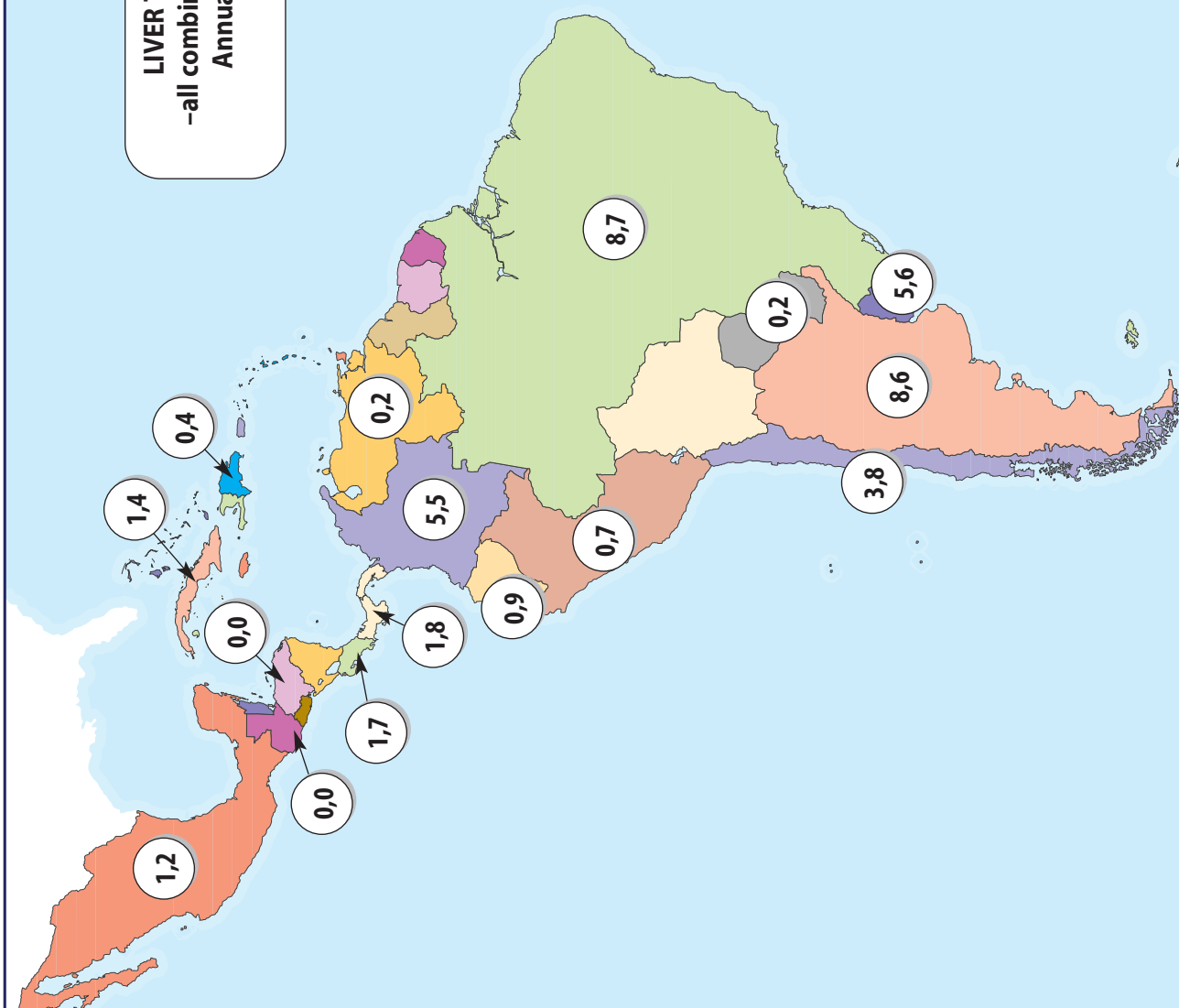
**KIDNEY TX. FROM DECEASED
DONORS
Annual Rate p.m.p
2015**



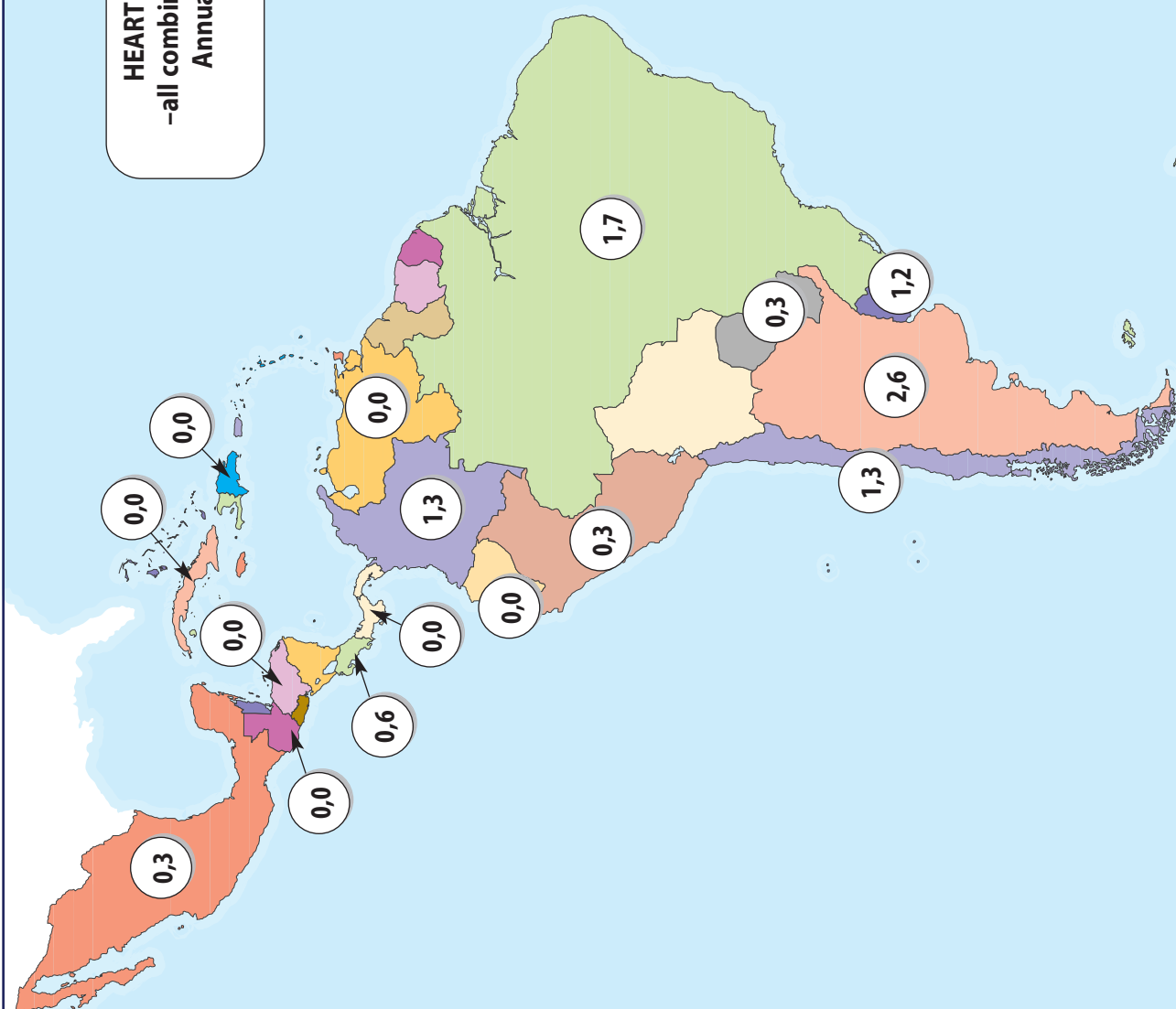
**KIDNEY TX. FROM
LIVING DONORS
Annual Rate p.m.p
2015**



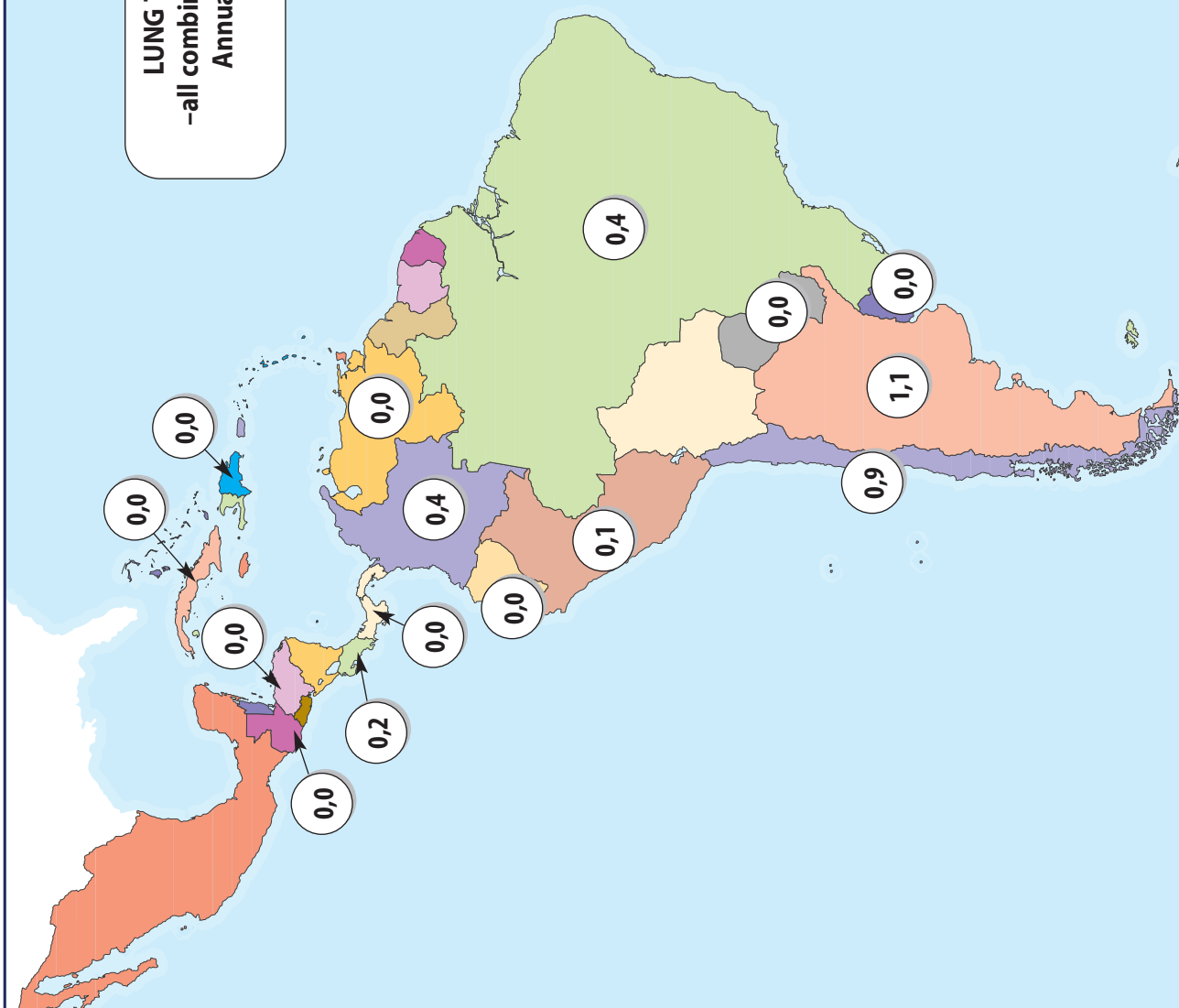
LIVER TRANSPLANT
--all combinations included--
Annual Rate p.m.p
2015



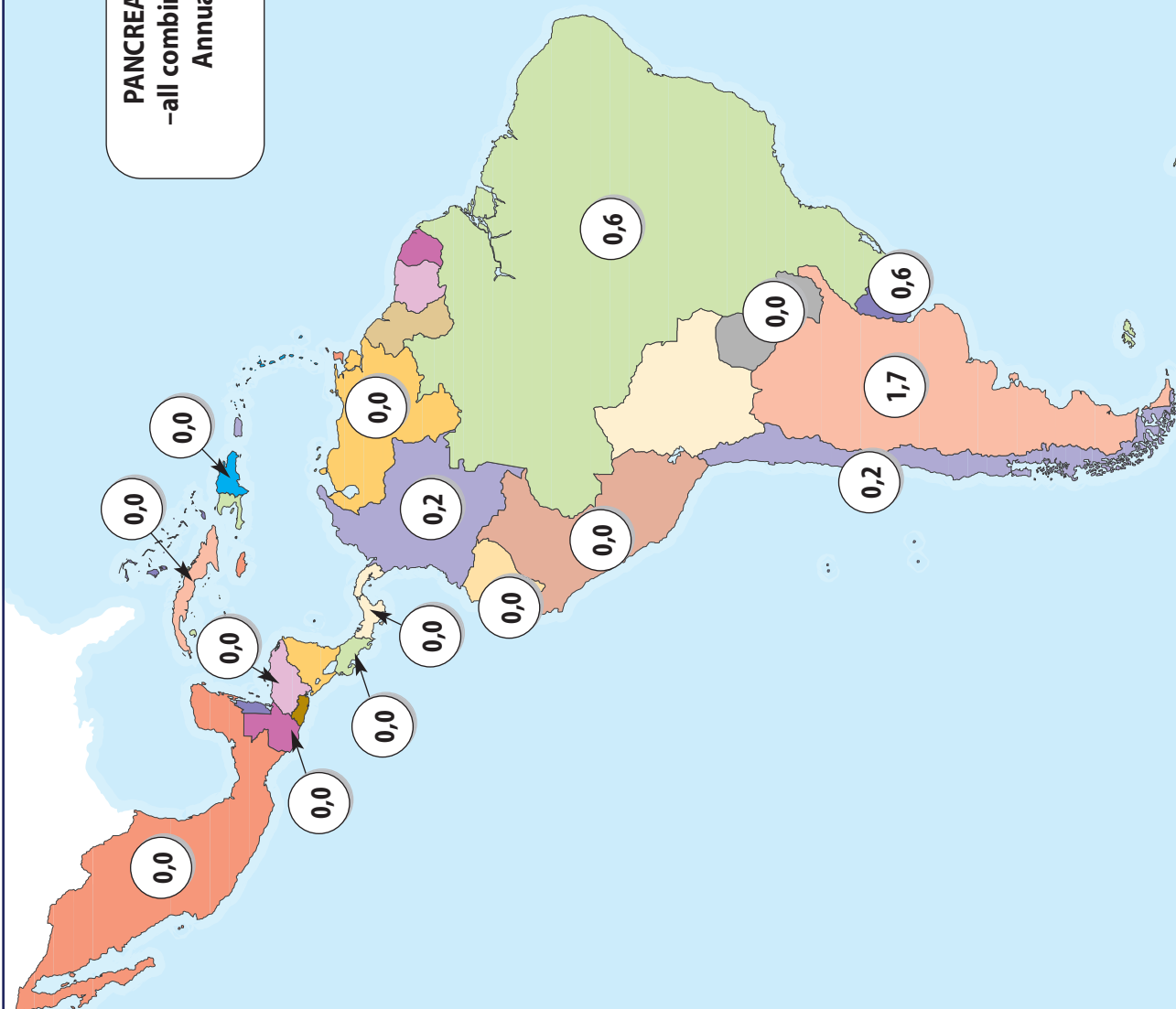
HEART TRANSPLANT
 -all combinations included-
 Annual Rate p.m.p
 2015



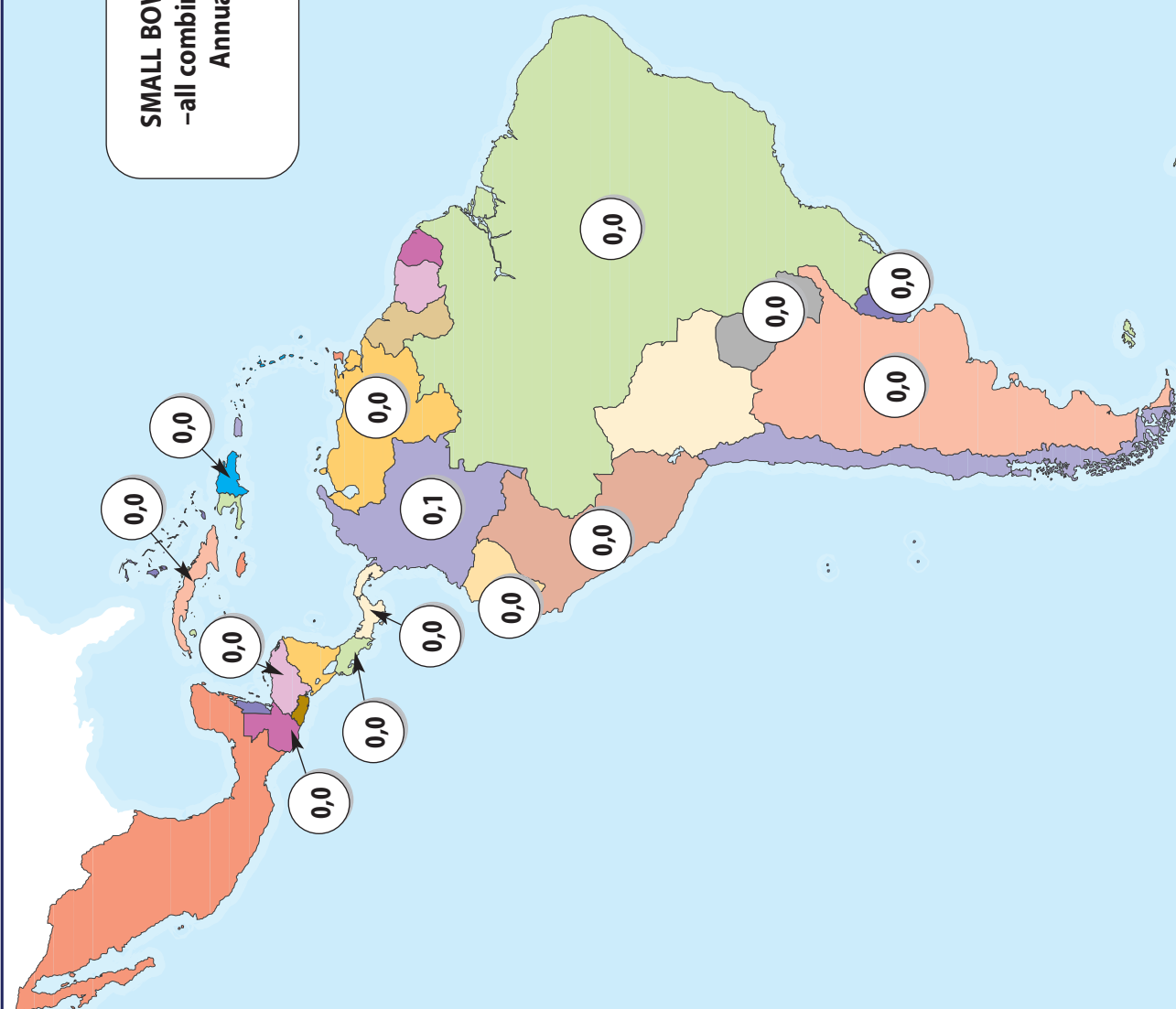
LUNG TRANSPLANT
--all combinations included--
Annual Rate p.m.p
2015



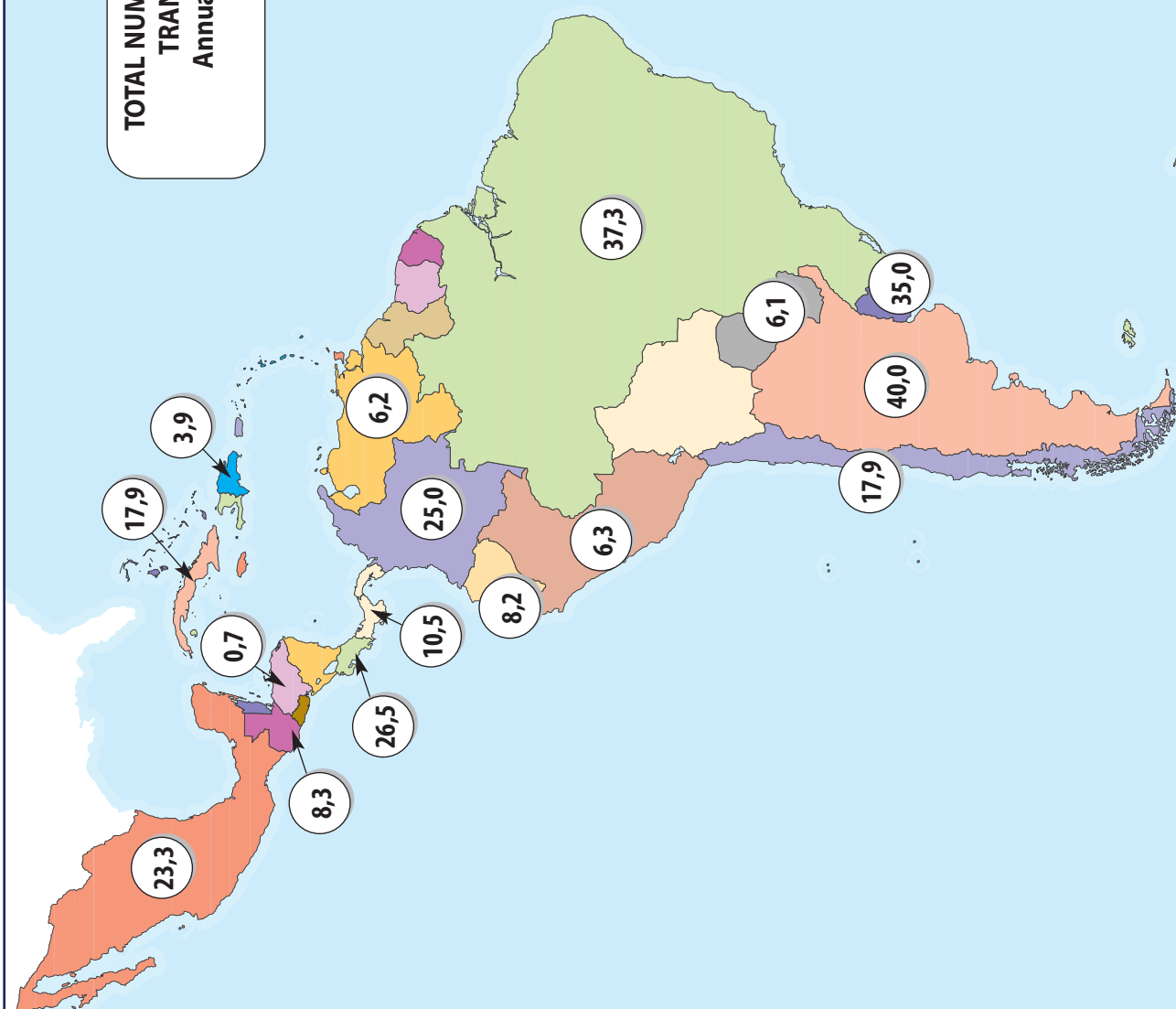
PANCREAS TRANSPLANT
 -all combinations included-
 Annual Rate p.m.p
 2015



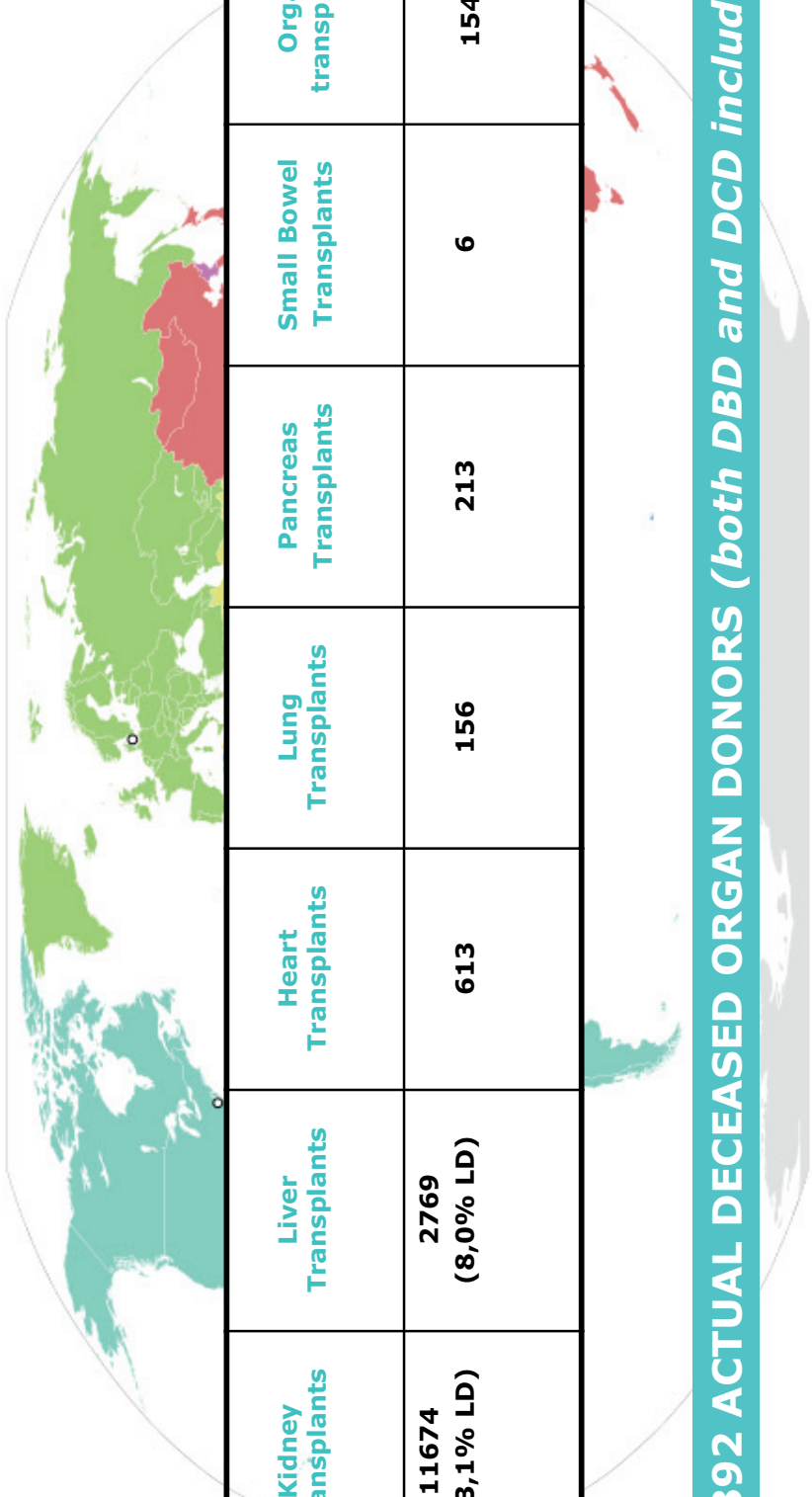
SMALL BOWEL TRANSPLANT
--all combinations included--
Annual Rate p.m.p
2015



**TOTAL NUMBER OF PATIENTS
TRANSPLANTED
Annual Rate p.m.p
2015**



LATINAMERICAN COUNTRIES



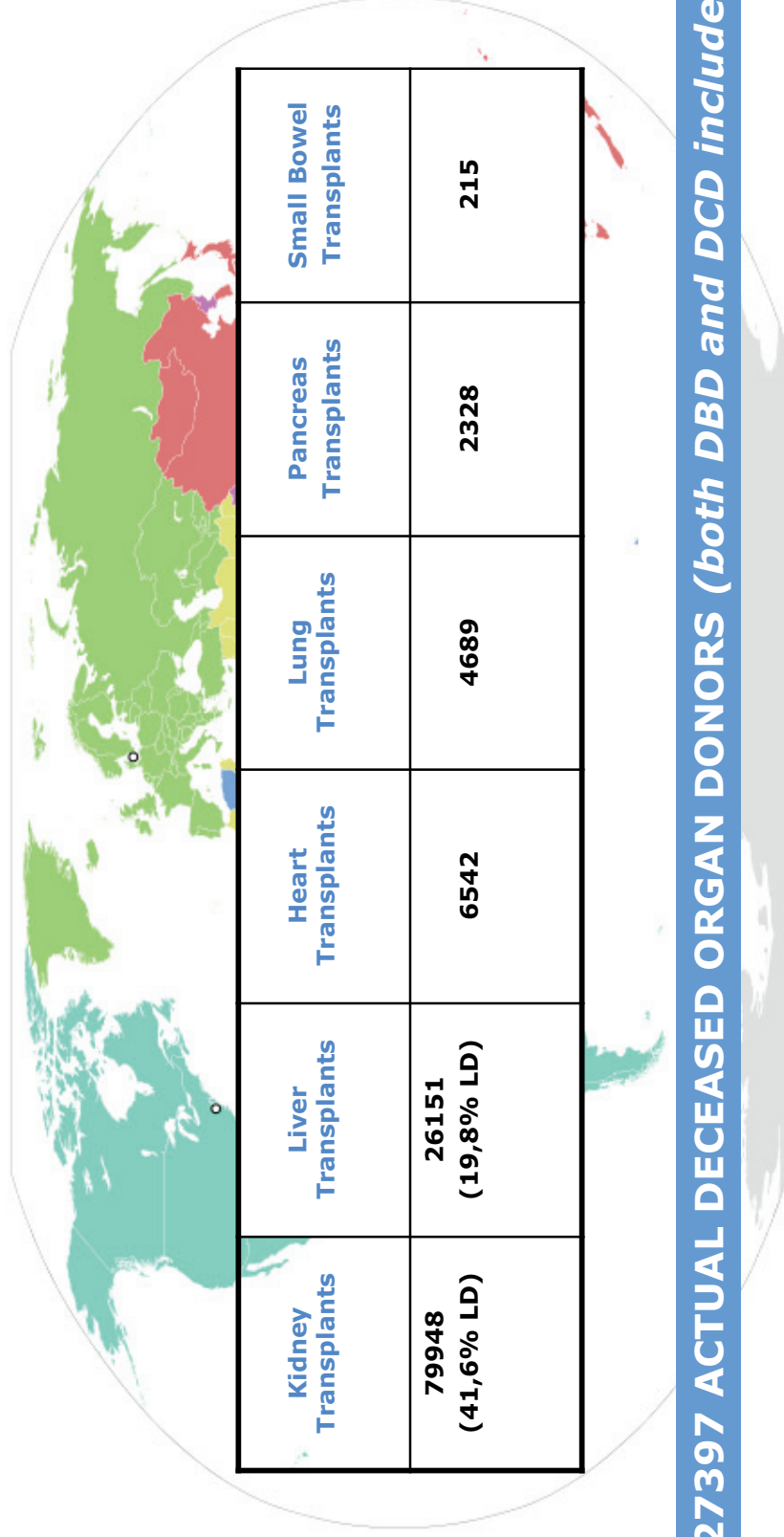
Kidney Transplants	Liver Transplants	Heart Transplants	Lung Transplants	Pancreas Transplants	Small Bowel Transplants	Organs transplanted
11674 (33,1% LD)	2769 (8,0% LD)	613	156	213	6	15431

4892 ACTUAL DECEASED ORGAN DONORS (both DBD and DCD included)

2015 data

N= 16 COUNTRIES (587,9 million inhabitants)

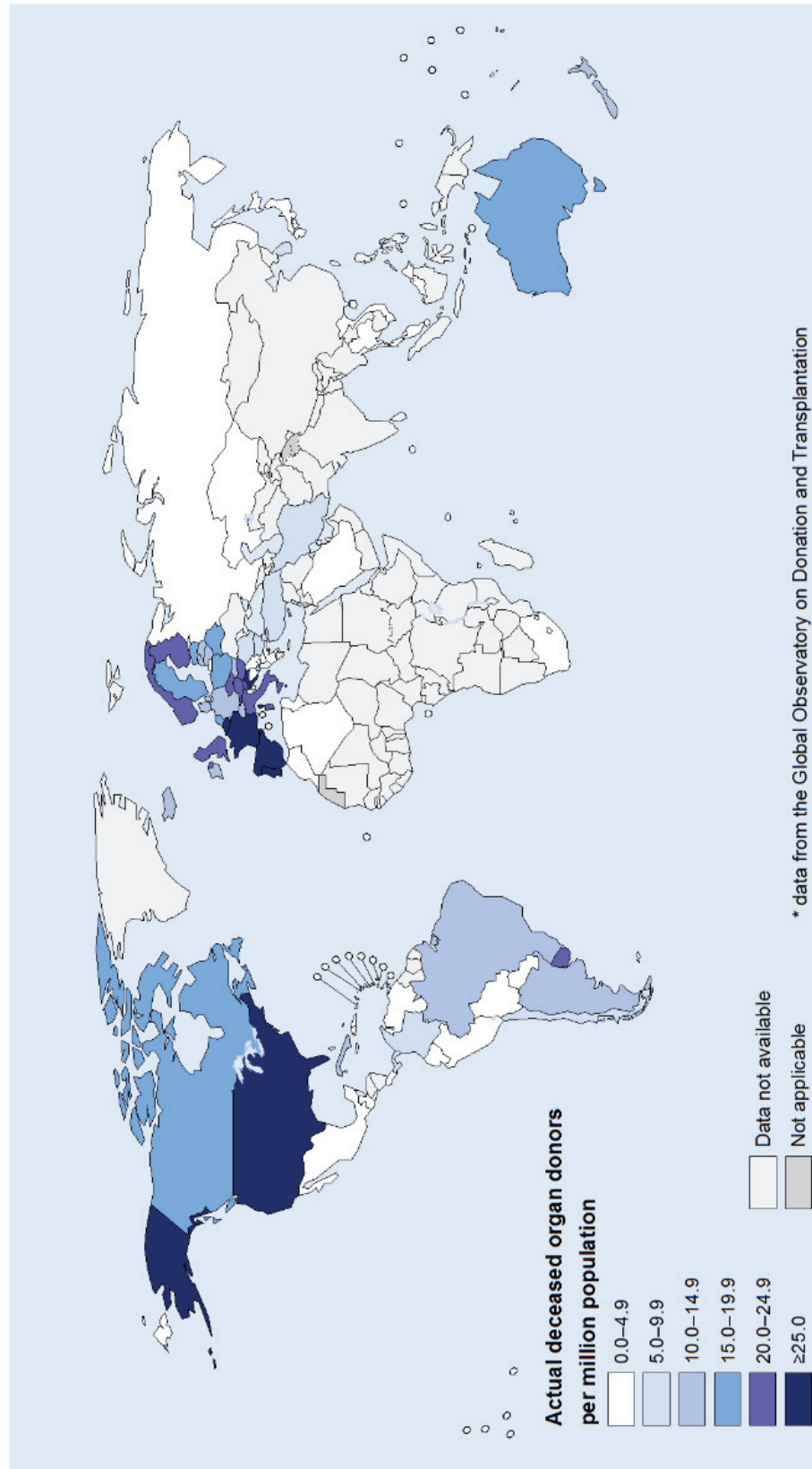
GLOBAL ACTIVITY IN ORGAN TRANSPLANTATION 2014 ESTIMATES



27397 ACTUAL DECEASED ORGAN DONORS (both DBD and DCD included)

- Information of 107 Member States on organ transplantation activities is included in the GODT: 93 of 2014, 6 of 2013, 2 of 2012, 3 of 2011 and 3 of 2010.

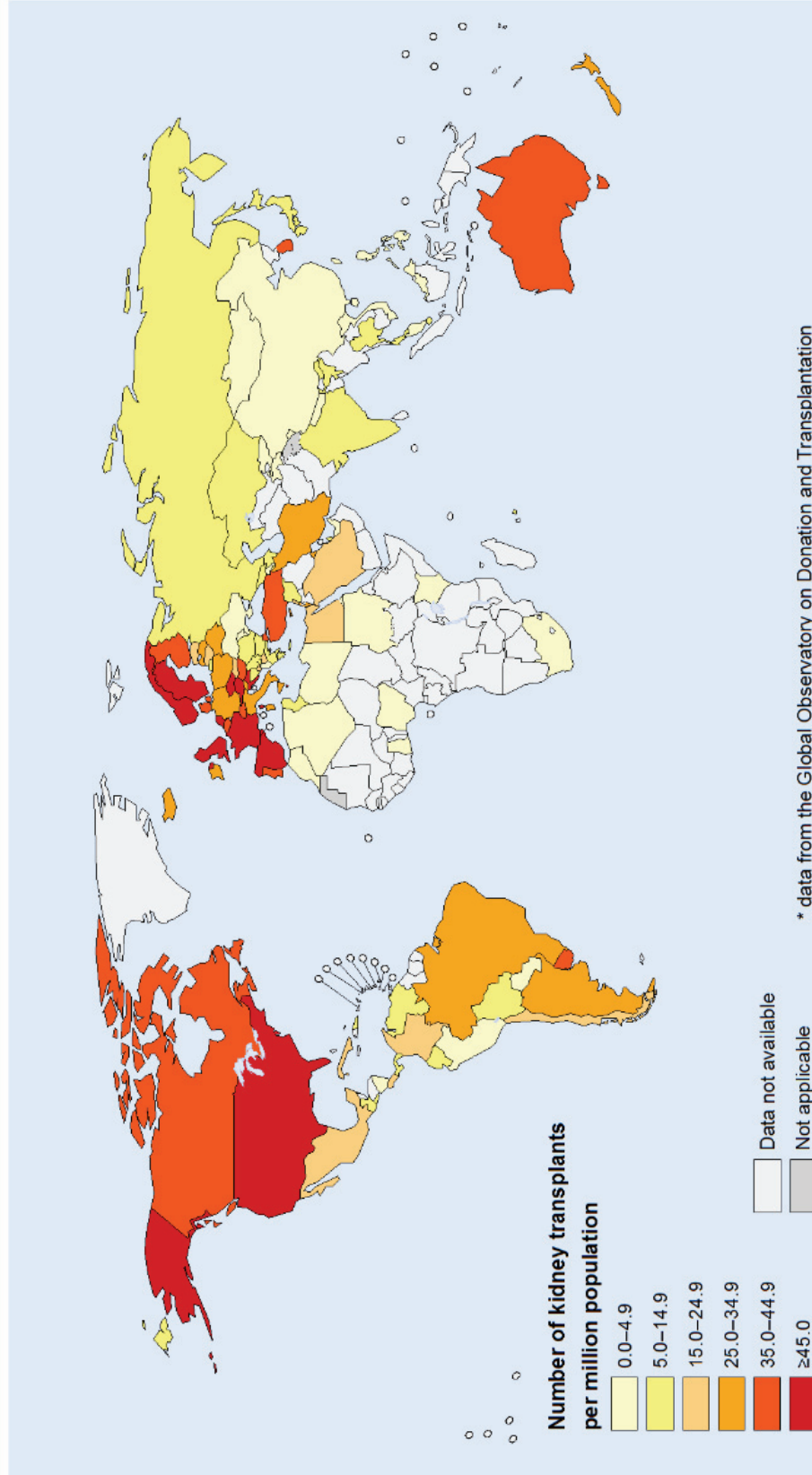
Actual donors from deceased persons, 2014*



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: Global Observatory on Donation & Transplantation. Map Production: Information Evidence and Research (IER)
World Health Organization

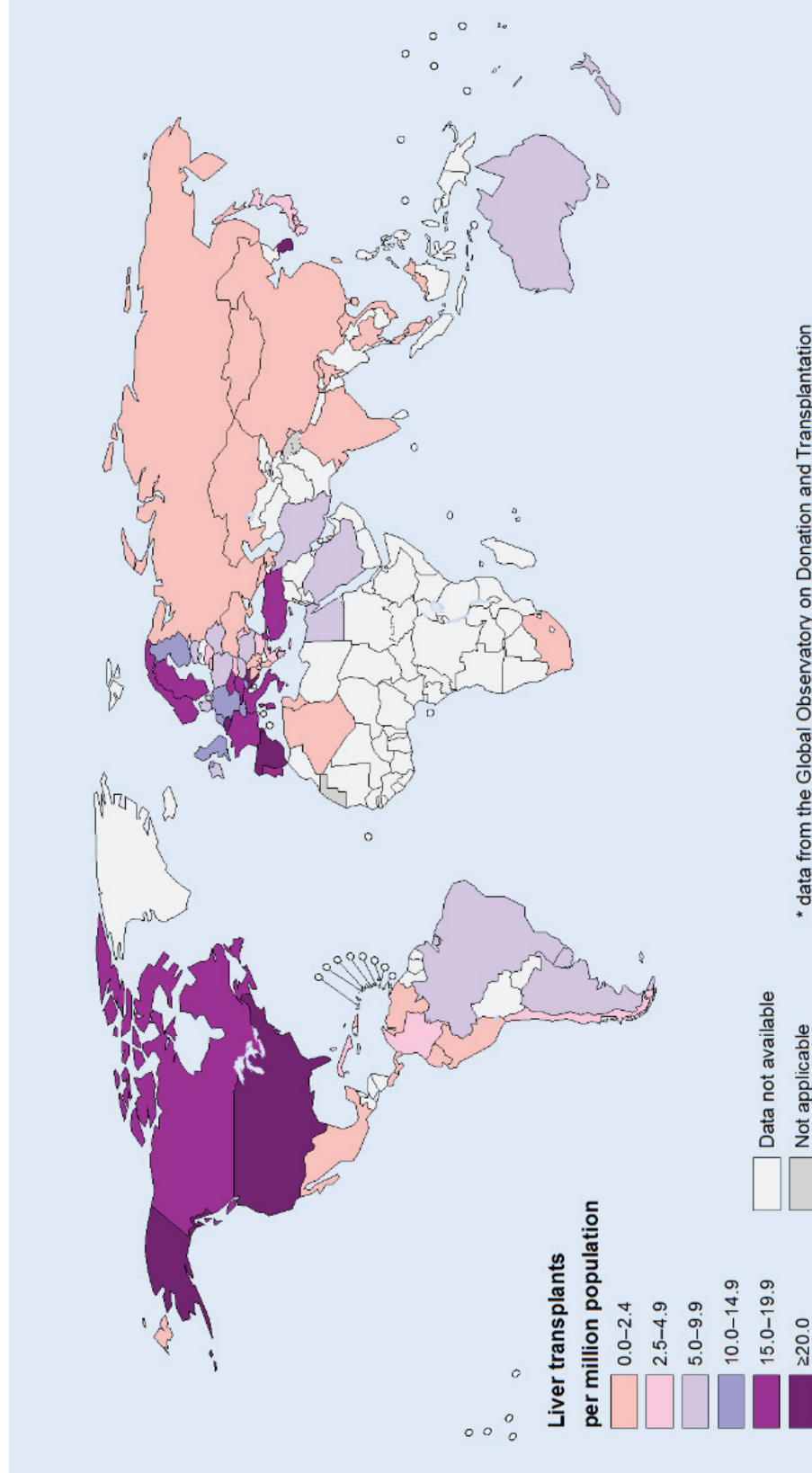
Kidney transplantation activities, 2014*



The boundaries and names shown on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: Global Observatory on Donation & Transplantation. Map Production: Information Evidence and Research (IER)
World Health Organization

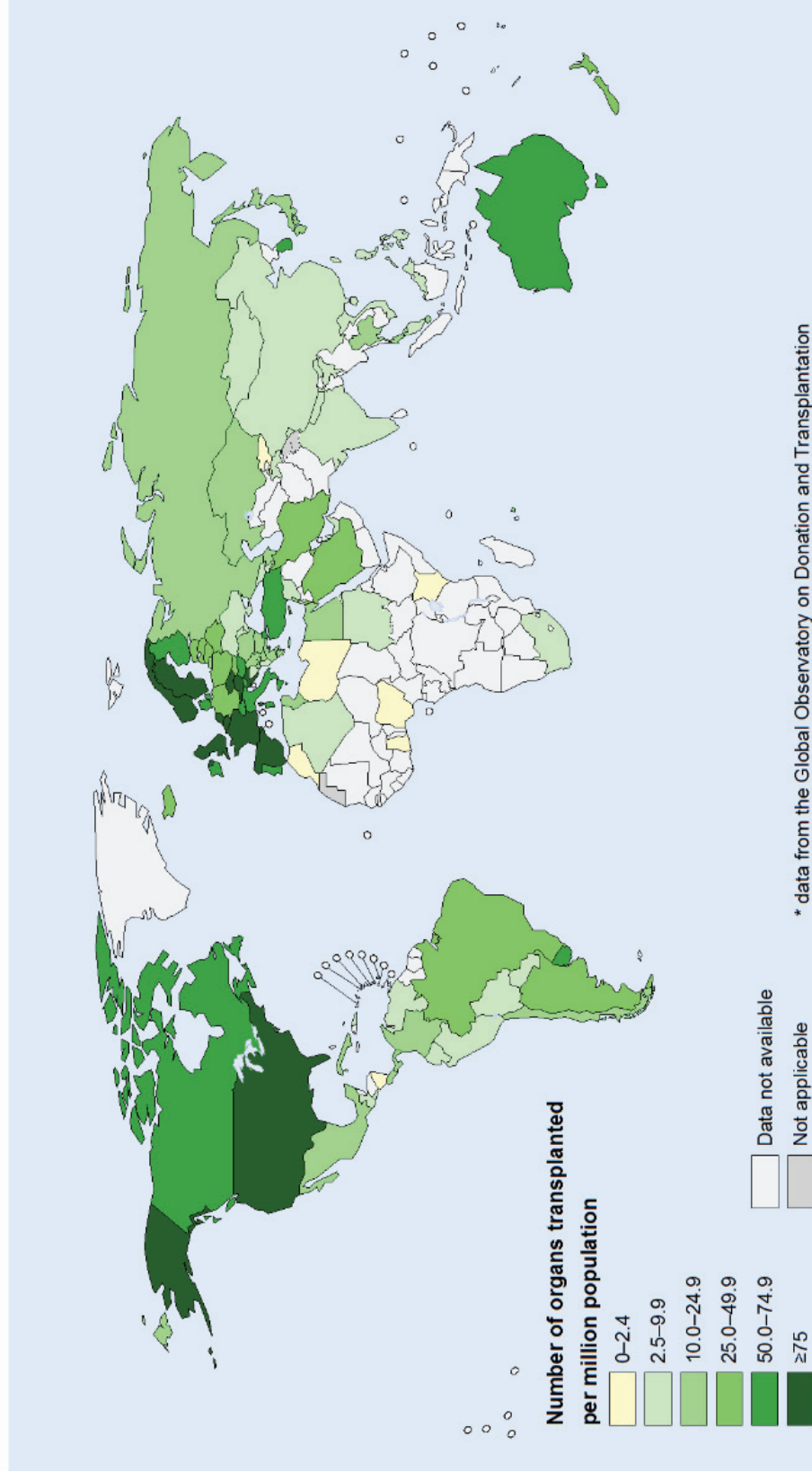
Liver transplantation activities, 2014*



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: Global Observatory on Donation & Transplantation. Map Production: Information Evidence and Research (IER)
World Health Organization

Global transplantation activities of solid organs, 2014*



The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.

Data Source: Global Observatory on Donation & Transplantation. Map Production: Information Evidence and Research (IER)
World Health Organization

International Data On Organ Donation And Transplantation Activity, Waiting Lists and Family Refusals. Year 2015



DONATION AND TRANSPLANTATION ACTIVITY

EUROPEAN UNION COUNTRIES

COUNTRIES Population (million inhabitants): UNFPA	AUSTRIA 8,5	BELGIUM 11,3	BULGARIA 7,1	CROATIA 4,2	CYPRUS 1,2	CZECH. R. 10,5	DENMARK 5,7	ESTONIA 1,3	FINLAND 5,5	FRANCE 64,4
DONATION										
	Number	PMP	Number	PMP	Number	PMP	Number	PMP	Number	PMP
Actual deceased organ donors –both DBD and DCD included–	205	24,1	45	6,3	169	40,2	3	2,5	246	23,4
Actual donors after circulatory death –DCD–	6	0,7	0	0,0	0	0,0	0	0,0	0	0,0
Multiorgan donors	161	18,9	0	0,0	115	27,4	1	0,8	69	12,1
TRANSPLANTATION										
	Number	PMP	Number	PMP	Number	PMP	Number	PMP	Number	PMP
KIDNEY										
Total TX. –all combinations included– % (TX. from living d. / Total TX.)	417	49,1	48	6,8	213	50,7	20	16,7	453	43,1
Paediatric <15 years	10	1,2	0	0,0	0	0,0	0	0,0	9	0,9
TX. from deceased donors	355	41,8	38	5,4	208	49,5	1	0,8	400	38,1
–TX. from DCD	31	3,6	0	0,0	0	0,0	0	0,0	12	1,1
–Single TX.	339	39,9	38	5,4	208	49,5	0	0,0	396	37,7
–Double TX.	16	1,9	0	0,0	0	0,0	0	0,0	4	0,4
TX. from living donors	62	7,3	10	1,4	5	1,2	19	15,8	53	5,0
–TX. from Related living donors	62	7,3	10	1,4	5	1,2	19	15,8	40	3,8
–TX. from Unrelated living donors	0	0,0	0	0,0	0	0,0	0	0,0	13	1,2
LIVER										
Total TX. –all combinations included–	146	17,2	16	2,3	141	33,6	0	0,0	188	17,9
Paediatric <15 years	11	1,3	0	0,0	0	0,0	0	0,0	15	1,4
Split TX.	1	0,1	0	0,0	0	0,0	0	0,0	18	1,7
Domino TX.	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
TX. from living donors	5	0,6	1	0,1	2	0,5	0	0,0	0	0,0
TX. from DCD	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
HEART										
Total TX. –all combinations included–	67	7,9	7	1,0	37	8,8	0	0,0	75	7,1
Paediatric <15 years	2	0,2	0	0,0	0	0,0	0	0,0	2	0,2
HEART-LUNG										
Total TX.	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
Paediatric <15 years	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
LUNG										
Total TX. –all combinations included–	130	15,3	0	0,0	0	0,0	0	0,0	34	3,2
Paediatric <15 years	4	0,5	0	0,0	0	0,0	0	0,0	1	0,1
–Single TX.	4	0,5	0	0,0	0	0,0	0	0,0	2	0,2
–Double TX. (heart-lung TX. included)	126	14,8	0	0,0	0	0,0	0	0,0	32	3,0
TX. from living donors	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
TX. from DCD (double + single)	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
PANCREAS										
Total TX. –all combinations included–	27	3,2	12	1,1	8	1,9	0	0,0	37	3,5
Paediatric <15 years	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
Pancreas TX. Alone	2	0,2	0	0,0	0	0,0	0	0,0	3	0,3
Kidney – Pancreas TX.	25	2,9	12	1,1	8	1,9	0	0,0	34	3,2
TX. from DCD	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
SMALL BOWEL										
Total TX. –all combinations included–	0	0,0	0	0,0	0	0,0	0	0,0	1	0,1
Paediatric <15 years	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
Small bowel TX. Alone	0	0,0	0	0,0	0	0,0	0	0,0	1	0,1
RECIPIENTS										
Total number of patients transplanted	755	88,8	987	87,3	391	93,1	20	16,7	749	71,3
Paediatric <15 years	27	3,2	0	0,0	0	0,0	0	0,0	25	2,4
Patients transplanted from living donors	67	7,9	89	7,9	7	1,7	19	15,8	53	5,0

3486	54,1	244	6,1	38	29,2	273	43,6	4	0,7	13,1	44,4	3486	54,1
15,7	1,0	6	1,1	1	0,8	4	0,7	0	0,0	0	0,0	15,7	1,0
2939	45,6	229	41,6	33	25,4	154	27,0	0	0,0	0	0,0	2939	45,6
89	1,4	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	89	1,4
2901	45,0	229	41,6	33	25,4	153	26,8	0	0,0	0	0,0	2901	45,0
38	0,6	0	0,0	0	0,0	1	0,2	0	0,0	0	0,0	38	0,6
547	8,5	15	2,7	5	3,8	119	20,9	5	3,8	5	2,7	547	8,5
547	8,5	15	2,7	5	3,8	119	20,9	5	3,8	5	2,7	547	8,5
0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
1355	21,0	77	14,0	7	5,4	58	10,2	0	0,0	0	0,0	1355	21,0
79	1,2	5	0,9	0	0,0	4	0,7	0	0,0	0	0,0	79	1,2
76	1,2	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	76	1,2
9	0,1	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	9	0,1
15	0,2	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	15	0,2
8	0,1	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	8	0,1
479	7,4	27	4,9	0	0,0	27	4,7	0	0,0	0	0,0	479	7,4
12	0,2	3	0,5	0	0,0	1	0,2	0	0,0	0	0,0	12	0,2
8	0,1	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	8	0,1
1	0,0	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	1	0,0
353	5,5	24	4,4	4	3,1	35	6,1	0	0,0	0	0,0	353	5,5
7	0,1	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	7	0,1
40	0,6	0	0,0	0	0,0	3	0,5	0	0,0	0	0,0	40	0,6
313	4,9	24	4,4	4	3,1	32	5,6	0	0,0	0	0,0	313	4,9
0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
78	1,2	17	3,1	1	0,8	2	0,4	0	0,0	0	0,0	78	1,2
8	0,1	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	8	0,1
8	0,1	1	0,2	0	0,0	0	0,0	0	0,0	0	0,0	8	0,1
70	1,1	16	2,9	1	0,8	2	0,4	0	0,0	0	0,0	70	1,1
0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
3	0,0	3	0,5	0	0,0	0	0,0	0	0,0	0	0,0	3	0,0
2	0,0	3	0,5	0	0,0	0	0,0	0	0,0	0	0,0	2	0,0
0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0
5523	85,8	373	67,8	49	37,7	392	68,8	20	16,7	749	71,3	5523	85,8
152	2,4	14	2,5	1	0,8	9	1,6	0	0,0	25	2,4	152	2,4
562	8,7	15	2,7	5	3,8	119	20,9	19	15,8	53	5,0	562	8,7

DONATION AND TRANSPLANTATION ACTIVITY

EUROPEAN UNION COUNTRIES

COUNTRIES	GERMANY 80,7	GREECE 11,0	HUNGARY 9,9	IRELAND 4,7	ITALY 59,8	LATVIA 2,0	LITHUANIA 2,9	LUXEMBOURG 0,6	MALTA 0,4
Population (million inhabitants): UNFPA									
	DONATION								
	Number	PMP	Number	PMP	Number	PMP	Number	PMP	PMP
Actual deceased organ donors –both DBD and DCD included–	877	10,9	236	23,8	81	17,2	1369	22,9	6
Actual donors after circulatory death–DCD–	0	0,0	0	0,0	4	0,9	8	0,1	0
Multiorgan donors	784	9,7	131	13,2	62	13,2	820	13,7	6
	TRANSPLANTATION								
	Number	PMP	Number	PMP	Number	PMP	Number	PMP	PMP
KIDNEY									
Total TX. –all combinations included–	2196	27,2	98	8,9	153	32,6	1881	31,5	8
% (TX. from living d. / Total TX.)	29,4		35,7		78,4		14,3		0,0
Paediatric <15 years	72	0,9	4	0,4	5	1,1	42	0,7	0
TX. from deceased donors	1551	19,2	63	5,7	120	25,5	1578	26,4	8
–TX. from DCD	0	0,0	0	0,0	6	1,3	7	0,1	0
–Single TX.	1535	19,0	303	30,6	119	25,3	1470	24,6	0
–Double TX.	16	0,2	0	0,0	1	0,2	108	1,8	0
TX. from living donors	645	8,0	35	3,2	33	7,0	303	5,1	0
–TX. from Related living donors	645	8,0	35	3,2	33	7,0	294	4,9	0
–TX. from Unrelated living donors	0	0,0	0	0,0	0	0,0	9	0,2	0
LIVER									
Total TX. –all combinations included–	894	11,1	22	2,0	61	13,0	1094	18,3	0
Paediatric <15 years	94	1,2	0	0,0	0	0,0	70	1,2	0
Split TX.	58	0,7	1	0,1	0	0,0	77	1,3	0
Domino TX.	3	0,0	0	0,0	0	0,0	0	0,0	0
TX. from living donors	45	0,6	0	0,0	0	0,0	23	0,4	0
TX. from DCD	0	0,0	0	0,0	0	0,0	4	0,1	0
HEART									
Total TX. –all combinations included–	286	3,5	6	0,5	16	3,4	245	4,1	0
Paediatric <15 years	43	0,5	0	0,0	0	0,0	26	0,4	0
HEART–LUNG									
Total TX.	2	0,0	0	0,0	1	0,2	1	0,0	0
Paediatric <15 years	0	0,0	0	0,0	0	0,0	0	0,0	0
LUNG									
Total TX. –all combinations included–	297	3,7	1	0,1	36	7,7	112	1,9	0
Paediatric <15 years	6	0,1	0	0,0	0	0,0	3	0,1	0
–Single TX.	27	0,3	0	0,0	17	3,6	19	0,3	0
–Double TX. (heart–lung TX. included)	268	3,3	1	0,1	19	4,0	93	1,6	0
TX. from living donors	2	0,0	0	0,0	0	0,0	0	0,0	0
TX. from DCD (double + single)	0	0,0	0	0,0	0	0,0	1	0,0	0
PANCREAS									
Total TX. –all combinations included–	105	1,3	13	1,3	0	0,0	50	0,8	0
Paediatric <15 years	0	0,0	0	0,0	0	0,0	0	0,0	0
Pancreas TX. Alone	8	0,1	0	0,0	0	0,0	16	0,3	0
Kidney – Pancreas TX.	93	1,2	13	1,3	0	0,0	31	0,5	0
TX. from DCD	0	0,0	0	0,0	0	0,0	0	0,0	0
SMALL BOWEL									
Total TX. –all combinations included–			0	0,0	0	0,0	1	0,3	0
Paediatric <15 years			0	0,0	0	0,0	0	0,0	0
Small bowel TX. Alone			0	0,0	0	0,0	0	0,0	0
RECIPIENTS									
Total number of patients transplanted	3668	45,5	479	48,4	266	56,6	3323	55,6	8
Paediatric <15 years	215	2,7	20	2,0	5	1,1	140	2,3	0
Patients transplanted from living donors	692	8,6	35	3,2	33	7,0	324	5,4	0

DONATION AND TRANSPLANTATION ACTIVITY

EUROPEAN UNION COUNTRIES																		
COUNTRIES	NETHERLANDS 16,9		POLAND 38,6		PORTUGAL 10,3		ROMANIA 19,5		SLOVAKIA 5,4		SLOVENIA 2,1		SPAIN 46,1		SWEEDEN 9,8		U. K. 64,7	
Population (million inhabitants): UNFPA																		
DONATION																		
	Number	PMP	Number	PMP	Number	PMP	Number	PMP	Number	PMP	Number	PMP	Number	PMP	Number	PMP		
Actual deceased organ donors –both DBD and DCD included– Actual donors after circulatory death –DCD– Multiorgan donors	284 156 218	16,8 9,2 12,9	526 3 349	13,6 0,1 9,0	319 0 220	31,0 0,0 21,4	113 0 91	5,8 0,0 4,7	94 0 51	17,4 0,0 9,4	54 0 40	25,7 6,8 19,0	1851 314 1398	40,2 0,0 30,0	169 0 138	17,2 0,0 14,1	1311 548 956	20,3 8,5 14,8
TRANSPLANTATION																		
KIDNEY Total TX. –all combinations included– % (TX. from living d. / Total TX.) Paediatric <15 years TX. from deceased donors –TX. from DCD –Single TX. –Double TX. TX. from living donors –TX. from Related living donors –TX. from Unrelated living donors	984 52,2 15 470 246 469 1 514 491 23	58,2 0,9 27,8 14,6 27,8 0,1 30,4 29,1 1,4	1047 5,7 35 987 6 986 1 60 60 0	27,1 0,9 25,6 0,2 25,5 0,0 1,6 1,6 0,0	483 12,8 13 421 0 391 30 62 46 16	46,9 1,3 40,9 0,0 38,0 0,0 6,0 4,5 1,6	245 18,8 6 199 0 199 4 46 9 0	12,6 0,3 10,2 0,0 10,2 0,0 2,4 0,5 0,0	184 10,3 2 165 0 161 4 19 12 7	34,1 0,4 30,6 0,0 29,8 0,0 3,5 2,2 1,3	64 0,0 1 64 0 64 0 0 0 0	30,5 0,5 30,5 0,0 30,5 0,0 0,0 0,0 0,0	2905 13,4 50 2517 460 2511 6 388 351 37	63,0 1,1 54,6 10,0 54,5 0,1 8,4 7,6 0,8	426 30,8 13 295 0 290 5 131 128 3	43,5 1,3 30,1 0,0 29,6 0,5 13,4 13,1 0,3	3173 32,8 98 2131 852 2511 1042 822 220	49,0 1,5 32,9 13,2 0,0 0,0 16,1 12,7 3,4
LIVER Total TX. –all combinations included– Paediatric <15 years Split TX. Domino TX. TX. from living donors TX. from DCD	151 13 8 0 3 48	8,9 0,8 0,5 0,0 0,2 2,8	332 34 0 0 22 0	8,6 0,9 0,0 0,0 0,6 0,0	249 11 1 14 2 0	24,2 1,1 0,1 1,4 0,2 0,0	96 5 2 0 11 0	4,9 0,3 0,1 0,0 0,6 0,0	34 0 0 0 0 0	6,3 0,0 0,0 0,0 0,0 0,0	24 0 0 0 0 0	11,4 0,0 0,0 0,0 0,0 0,0	1162 65 18 5 30 67	25,2 1,4 1,2 0,1 0,7 1,5	180 13 12 2 2 0	18,4 1,3 1,2 0,2 0,2 0,0	1024 156 126 2 35 197	15,8 2,4 1,9 0,0 0,5 3,0
HEART Total TX. –all combinations included– Paediatric <15 years	54 7	3,2 0,4	99 4	2,6 0,1	50 3	4,9 0,3	4 0	0,2 0,0	27 1	5,0 0,2	24 0	11,4 0,0	299 22	6,5 0,5	64 6	6,5 0,6	194 32	3,0 0,5
HEART–LUNG Total TX. Paediatric <15 years	1 0	0,1 0,0	0 0	0,0 0,0	0 0	0,0 0,0	0 0	0,0 0,0	0 0	0,0 0,0	0 0	0,0 0,0	2 0	0,0 0,0	1 0	0,1 0,0	5 0	0,1 0,0
LUNG Total TX. –all combinations included– Paediatric <15 years –Single TX. –Double TX. (heart–lung TX. included) TX. from living donors TX. from DCD (double + single)	78 1 12 66 0 29	4,6 0,1 0,7 3,9 0,0 1,7	24 0 12 12 0 0	0,6 0,0 0,3 0,3 0,0 0,0	15 0 9 6 0 0	1,5 0,0 0,9 0,6 0,0 0,0	0 0 0 0 0 0	0,0 0,0 0,0 0,0 0,0 0,0	0 0 0 0 0 0	0,0 0,0 0,0 0,0 0,0 0,0	0 0 0 0 0 0	0,0 0,0 0,0 3,7 0,0 0,3	294 4 123 171 0 13	6,4 0,1 2,7 3,7 0,0 0,0	48 1 4 44 0 0	4,9 0,1 0,4 4,5 0,0 0,0	202 6 16 186 0 44	3,1 0,1 0,2 2,9 0,0 0,7
PANCREAS Total TX. –all combinations included– Paediatric <15 years Pancreas TX. Alone Kidney – Pancreas TX. TX. from DCD	25 0 3 22 14	1,5 0,0 0,2 1,3 0,8	41 0 12 29 0	1,1 0,0 0,3 0,8 0,0	27 0 1 26 0	2,6 0,0 0,1 2,5 0,0	1 0 0 1 0	0,1 0,0 0,0 0,1 0,0	0 0 0 0 0	0,0 0,0 0,0 0,0 0,0	5 0 0 5 0	2,4 0,0 0,0 2,4 0,0	97 0 15 72 1	2,1 0,0 0,3 1,6 0,0	30 0 5 23 0	3,1 0,0 0,5 2,3 0,0	244 3 23 175 62	3,8 0,0 0,4 2,7 1,0
SMALL BOWEL Total TX. –all combinations included– Paediatric <15 years Small bowel TX. Alone			0 0 0	0,0 0,0 0,0	0 0 0	0,0 0,0 0,0	0 0 0	0,0 0,0 0,0	0 0 0	0,0 0,0 0,0	0 0 0	0,0 0,0 0,0	12 10 2	0,3 0,2 0,0	2 0 0	0,2 0,0 0,0	15 4 1	0,2 0,1 0,0
RECIPIENTS Total number of patients transplanted Paediatric <15 years Patients transplanted from living donors	1263 36 517	74,7 2,1 30,6	1508 73 82	39,1 1,9 2,1	795 27 78	77,2 2,6 7,6	345 11 57	17,7 0,6 2,9	245 3 19	45,4 0,6 3,5	111 1 0	52,9 3,0 9,1	4641 136 418	100,7 3,0 9,1	721 33 133	73,6 3,4 13,6	4501 220 1077	69,6 3,4 16,6

DONATION AND TRANSPLANTATION ACTIVITY

OTHER COUNTRIES

COUNTRIES	ARMENIA	AUSTRALIA	AZERBAIJAN	BELARUS	BOSNIA AND HERZEGOVINA	CANADA	GEORGIA	ICELAND	IRAN	ISRAEL	MACEDONIA	MALAYSIA
Population (million inhabitants): UNFPA	3,0	24	9,8	9,5	3,8	35,9	4	0,3	79,1	8,1	2,1	30,3
Actual deceased organ donors –both DBD and DCD included– Actual donors after circulatory death –DCD– Multiorgan donors	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP
	0	435	0	191	6	681	0	12	808	77	2	30
	0	120	0	0	0	190	0	40,0	10,2	9,5	1,0	1,0
	0	309	0	131	6	1,6	0	11	0	1	0	0
		12,9		13,8	1,6		0,0	36,7	0,0	8,3	0,0	0,0

DONATION

Actual deceased organ donors –both DBD and DCD included– Actual donors after circulatory death –DCD– Multiorgan donors	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP
	0	435	0	191	6	681	0	12	808	77	2	30
	0	120	0	0	0	190	0	40,0	10,2	9,5	1,0	1,0
	0	309	0	131	6	1,6	0	11	0	1	0	0
		12,9		13,8	1,6		0,0	36,7	0,0	8,3	0,0	0,0

TRANSPLANTATION

Actual deceased organ donors –both DBD and DCD included– Actual donors after circulatory death –DCD– Multiorgan donors	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP
	0	435	0	191	6	681	0	12	808	77	2	30
	0	120	0	0	0	190	0	40,0	10,2	9,5	1,0	1,0
	0	309	0	131	6	1,6	0	11	0	1	0	0
		12,9		13,8	1,6		0,0	36,7	0,0	8,3	0,0	0,0

Actual deceased organ donors –both DBD and DCD included– Actual donors after circulatory death –DCD– Multiorgan donors	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP
	0	435	0	191	6	681	0	12	808	77	2	30
	0	120	0	0	0	190	0	40,0	10,2	9,5	1,0	1,0
	0	309	0	131	6	1,6	0	11	0	1	0	0
		12,9		13,8	1,6		0,0	36,7	0,0	8,3	0,0	0,0

Actual deceased organ donors –both DBD and DCD included– Actual donors after circulatory death –DCD– Multiorgan donors	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP
	0	435	0	191	6	681	0	12	808	77	2	30
	0	120	0	0	0	190	0	40,0	10,2	9,5	1,0	1,0
	0	309	0	131	6	1,6	0	11	0	1	0	0
		12,9		13,8	1,6		0,0	36,7	0,0	8,3	0,0	0,0

Actual deceased organ donors –both DBD and DCD included– Actual donors after circulatory death –DCD– Multiorgan donors	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP
	0	435	0	191	6	681	0	12	808	77	2	30
	0	120	0	0	0	190	0	40,0	10,2	9,5	1,0	1,0
	0	309	0	131	6	1,6	0	11	0	1	0	0
		12,9		13,8	1,6		0,0	36,7	0,0	8,3	0,0	0,0

Actual deceased organ donors –both DBD and DCD included– Actual donors after circulatory death –DCD– Multiorgan donors	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP
	0	435	0	191	6	681	0	12	808	77	2	30
	0	120	0	0	0	190	0	40,0	10,2	9,5	1,0	1,0
	0	309	0	131	6	1,6	0	11	0	1	0	0
		12,9		13,8	1,6		0,0	36,7	0,0	8,3	0,0	0,0

Actual deceased organ donors –both DBD and DCD included– Actual donors after circulatory death –DCD– Multiorgan donors	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP	PMP
	0	435	0	191	6	681	0	12	808	77	2	30
	0	120	0	0	0	190	0	40,0	10,2	9,5	1,0	1,0
	0	309	0	131	6	1,6	0	11	0	1	0	0
		12,9		13,8	1,6		0,0	36,7	0,0	8,3	0,0	0,0

DONATION AND TRANSPLANTATION ACTIVITY

OTHER COUNTRIES

COUNTRIES	MOLDOVA	MONTENEGRO	NEW ZEALAND	NORWAY	RUSSIAN F.	SUDAN	SWITZERLAND	SYRIA	TURKEY	UKRAINE	USA
Population (million inhabitants): UNFPA	4,1	0,6	4,5	5,2	143,5	40,2	8,3	18,5	78,7	44,8	321,8
Actual deceased organ donors —both DBD and DCD included— Actual donors after circulatory deat —DCD— Multiorgan donors	DONATION										
	Number	PMP	Number	PMP	Number	PMP	Number	PMP	Number	PMP	PMP
	4	1,0	0	0,0	53	11,8	111	21,3	434	3,0	
	0	0,0	0	0,0	5	1,1	6	1,2	73	0,5	
	1	0,2	0	0,0	39	8,7	93	17,9	251	1,7	
KIDNEY	TRANSPLANTATION										
	Number	PMP	Number	PMP	Number	PMP	Number	PMP	Number	PMP	PMP
	10	2,4	6	10,0	147	32,7	254	48,8	945	6,6	
	40,0		100,0		50,3		24,8		20,1		
	0	0,0	0	0,0	7	1,6	7	1,3	65	0,5	
Total TX. —all combinations included— % (TX. from living d. / Total TX.)											
Paediatric <15 years	6	1,5	0	0,0	73	16,2	191	36,7	755	5,3	
—TX. from deceased donors	0	0,0	0	0,0	10	2,2	10	1,9	0	0,0	
—TX. from DCD	6	1,5	0	0,0	73	16,2	191	36,7	755	5,3	
—Single TX.	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	
—Double TX.	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	
TX. from living donors	4	1,0	6	10,0	74	16,4	63	12,1	190	1,3	
—TX. from Related living donors	4	1,0	6	10,0	43	9,6	63	12,1	190	1,3	
—TX. from Unrelated living donors	0	0,0	0	0,0	31	6,9	0	0,0	0	0,0	
LIVER											
Total TX. —all combinations included— Paediatric <15 years	4	1,0	1	1,7	48	10,7	86	16,5	325	2,3	
Split TX.	0	0,0	0	0,0	11	2,4	8	1,5	92	0,6	
Domino TX.	0	0,0	0	0,0	9	2,0	7	1,3	0	0,0	
TX. from living donors	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	
TX. from DCD	2	0,5	1	1,7	3	0,7	3	0,6	133	0,9	
TX. from DCD (double + single)	0	0,0	0	0,0	1	0,2	2	0,4	0	0,0	
HEART											
Total TX. —all combinations included— Paediatric <15 years	0	0,0	0	0,0	12	2,7	37	7,1	179	1,2	
Split TX.	0	0,0	0	0,0	2	0,4	2	0,4	6	0,0	
HEART-LUNG											
Total TX. —all combinations included— Paediatric <15 years	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	
Split TX.	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	
Domino TX.	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	
TX. from living donors	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	
TX. from DCD	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	
LUNG											
Total TX. —all combinations included— Paediatric <15 years	0	0,0	0	0,0	23	5,1	34	6,5	24	0,2	
Split TX.	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	
Double TX. (heart-lung TX. included)	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	
TX. from living donors	0	0,0	0	0,0	23	5,1	34	6,5	24	0,2	
TX. from DCD (double + single)	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	
PANCREAS											
Total TX. —all combinations included— Paediatric <15 years	0	0,0	0	0,0	3	0,7	31	6,0	12	0,0	
Pancreas TX. Alone	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	
Kidney – Pancreas TX.	0	0,0	0	0,0	0	0,0	20	3,8	0	0,0	
TX. from DCD	0	0,0	0	0,0	3	0,7	11	2,1	0	0,0	
SMALL BOWEL											
Total TX. —all combinations included— Paediatric <15 years	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	
Small bowel TX. Alone	0	0,0	0	0,0	0	0,0	0	0,0	0	0,0	
RECIPIENTS											
Total number of patients transplanted	14	3,4	7	11,7	230	51,1	430	82,7	1473	10,3	
Paediatric <15 years	0	0,0	0	0,0	20	4,4	17	3,3	163	1,1	
Patients transplanted from living donors	6	1,5	7	11,7	77	17,1	66	12,7	323	2,3	

DONATION AND TRANSPLANTATION ACTIVITY

LATINAMERICAN COUNTRIES

COUNTRIES Population (million inhabitants): UNFPA	ARGENTINA 43,4	BRAZIL 207,8	CHILE 17,9	COLOMBIA 48,2	COSTA RICA 4,8	CUBA 11,4	DOMINICAN REP. 10,5	ECUADOR 16,1
DONATION								
	Number	PMP	Number	PMP	Number	PMP	Number	PMP
Actual deceased organ donors –both DBD and DCD included–	592	13,6	2836	13,6	120	6,7	405	8,4
Actual donors after circulatory death –DCD– Multiorgan donors	0	0,0	1867	9,0	0	0,0	335	7,0
TRANSPLANTATION								
	Number	PMP	Number	PMP	Number	PMP	Number	PMP
KIDNEY								
Total TX. –all combinations included–	1198	27,6	5510	26,5	209	11,7	869	18,0
% (TX. from living d. / Total TX.)	32,2		18,5				15,3	
Paediatric <15 years	60	1,4					57	1,2
TX. from deceased donors	812	18,7	4493	21,6			736	15,3
–TX. from DCD	0	0,0	0	0,0			0	0,0
–Single TX.	808	18,6	4466	21,5			711	14,8
–Double TX.	4	0,1	27	0,1			25	0,5
TX. from living donors	386	8,9	1017	4,9			133	2,8
–TX. from Related living donors	367	8,5					133	2,8
–TX. from Unrelated living donors	19	0,4					0	0,0
LIVER								
Total TX. –all combinations included–	372	8,6	1816	8,7	68	3,8	265	5,5
Paediatric <15 years	60	1,4					60	1,2
Split TX.	35	0,8						
Domino TX.	0	0,0						
TX. from living donors	29	0,7	146	0,7			33	0,7
TX. from DCD	0	0,0	0	0,0			0	0,0
HEART								
Total TX. –all combinations included–	114	2,6	352	1,7	24	1,3	65	1,3
Paediatric <15 years	7	0,2					5	0,1
HEART–LUNG								
Total TX.	1	0,0					0	0,0
Paediatric <15 years	0	0,0					0	0,0
LUNG								
Total TX. –all combinations included–	46	1,1	74	0,4	16	0,9	17	0,4
Paediatric <15 years	1	0,0					0	0,0
–Single TX.			21	0,1			7	0,1
–Double TX. (heart–lung TX. included)			49	0,2			10	0,2
TX. from living donors	0	0,0	4	0,0			0	0,0
TX. from DCD (double + single)	0	0,0	0	0,0			0	0,0
PANCREAS								
Total TX. –all combinations included–	74	1,7	121	0,6	4	0,2	11	0,2
Paediatric <15 years	0	0,0					0	0,0
Pancreas TX. Alone	3	0,1	20	0,1			0	0,0
Kidney – Pancreas TX.	71	1,6	101	0,5			11	0,2
TX. from DCD	0	0,0	0	0,0			0	0,0
SMALL BOWEL								
Total TX. –all combinations included–	2	0,0	1	0,0			3	0,1
Paediatric <15 years	0	0,0					1	0,0
Small bowel TX. Alone	2	0,0	1	0,0			3	0,1
RECIPIENTS								
Total number of patients transplanted	1735	40,0	7744	37,3	321	17,9	1204	25,0
Paediatric <15 years	128	2,9					122	2,5
Patients transplanted from living donors	415	9,6	1167	5,6			166	3,4

DONATION AND TRANSPLANTATION ACTIVITY

LATINAMERICAN COUNTRIES																
COUNTRIES	GUATEMALA	HONDURAS	MEXICO	PANAMA	PARAGUAY	PERU	URUGUAY	VENEZUELA								
Population (million inhabitants): UNFPA	16,3	8,1	127,0	3,9	6,6	31,4	3,4	31,1								
DONATION																
	Number	PMP	Number	PMP	Number	PMP	Number	PMP	Number	PMP	Number	PMP				
Actual deceased organ donors –both DBD and DCD included– Actual donors after circulatory death –DCD– Multiorgan donors	15 0 0	0,9 0,0 0,0	0 0 0	0,0 0,0 0,0	446 0 446	3,5 0,0 3,5	25 0 7	6,4 0,0 1,8	10 0 3	1,5 0,0 0,5	82 0 43	2,6 0,0 1,4	45 0 18	13,2 0,0 5,3	53 0 1	1,7 0,0 0,0
TRANSPLANTATION																
KIDNEY Total TX. –all combinations included– % (TX. from living d. / Total TX.) Paediatric <15 years TX. from deceased donors –TX. from DCD –Single TX. –Double TX. TX. from living donors –TX. from Related living donors –TX. from Unrelated living donors	135 15 30 30 0 105	8,3 0,9 1,8 1,8 0,0 6,4	6 0 0 0 0 6 6 0	0,7 0,0 0,0 0,0 0,0 0,7 0,7 0,0	2770 148 810 804 6 1960 1650 310	21,8 1,2 6,4 6,3 0,0 15,4 13,0 2,4	34 2 29 29 0 5 5 0	8,7 0,5 7,4 0,0 7,4 1,3 1,3 0,0	37 2 19 19 0 18 18 0	5,6 0,3 2,9 2,9 0,0 2,7 2,7 0,0	166 17 137 137 0 29 29 0	5,3 0,5 4,4 0,0 0,0 0,9 0,9 0,0	98 2 81 0 81 0 17 17 0	28,8 0,6 23,8 0,0 23,8 0,0 5,0 5,0 0,0	186 19 96 0 96 0 90 90 0	6,0 0,6 3,1 0,0 3,1 0,0 2,9 2,9 0,0
LIVER Total TX. –all combinations included– Paediatric <15 years Split TX. Domino TX. TX. from living donors TX. from DCD	0 0 0 0 0	0,0 0,0 0,0 0,0 0,0	0 0 0 0 0	0,0 0,0 0,0 0,0 0,0	151 15 0 0 4 0	1,2 0,1 0,0 0,0 0,0 0,0	7 0 0 0 0 0	1,8 0,0 0,0 0,0 0,0 0,0	1 0 0 0 0 0	0,2 0,0 0,0 0,0 0,0 0,0	22 1 0 0 0 0	0,7 0,0 0,0 0,0 0,0 0,0	19 3 0 0 3 0	5,6 0,9 0,0 0,0 0,9 0,0	6 4 0 0 5 0	0,2 0,1 0,0 0,0 0,2 0,0
HEART Total TX. –all combinations included– Paediatric <15 years	0 0	0,0 0,0	0 0	0,0 0,0	38 1	0,3 0,0	0 0	0,0 0,0	2 2	0,3 0,3	9 1	0,3 0,0	4 0	1,2 0,0	0 0	0,0 0,0
HEART–LUNG Total TX. Paediatric <15 years	0 0	0,0 0,0	0 0	0,0 0,0	0 0	0,0 0,0	0 0	0,0 0,0	0 0	0,0 0,0	0 0	0,0 0,0	0 0	0,0 0,0	0 0	0,0 0,0
LUNG Total TX. –all combinations included– Paediatric <15 years –Single TX. –Double TX. (heart–lung TX. included) TX. from living donors TX. from DCD (double + single)	0 0 0 0 0 0	0,0 0,0 0,0 0,0 0,0 0,0	0 0 0 0 0 0	0,0 0,0 0,0 0,0 0,0 0,0	0 0 0 0 0 0	0,0 0,0 0,0 0,0 0,0 0,0	0 0 0 0 0 0	0,0 0,0 0,0 0,0 0,0 0,0	0 0 0 0 0 0	0,0 0,0 0,0 0,0 0,0 0,0	2 0 2 0 0 0	0,1 0,0 0,1 0,0 0,0 0,0	0 0 0 0 0 0	0,0 0,0 0,0 0,0 0,0 0,0	0 0 0 0 0 0	0,0 0,0 0,0 0,0 0,0 0,0
PANCREAS Total TX. –all combinations included– Paediatric <15 years Pancreas TX. Alone Kidney – Pancreas TX. TX. from DCD	0 0 0 0	0,0 0,0 0,0 0,0	0 0 0 0	0,0 0,0 0,0 0,0	1 0 1 0	0,0 0,0 0,0 0,0	0 0 0 0	0,0 0,0 0,0 0,0	0 0 0 0	0,0 0,0 0,0 0,0	0 0 0 0	0,0 0,0 0,0 0,0	0 0 2 0	0,6 0,0 0,6 0,0	0 0 0 0	0,0 0,0 0,0 0,0
SMALL BOWEL Total TX. –all combinations included– Paediatric <15 years Small bowel TX. Alone	0 0 0	0,0 0,0 0,0	0 0 0	0,0 0,0 0,0	0 0 0	0,0 0,0 0,0	0 0 0	0,0 0,0 0,0	0 0 0	0,0 0,0 0,0	0 0 0	0,0 0,0 0,0	0 0 0	0,0 0,0 0,0	0 0 0	0,0 0,0 0,0
RECIPIENTS Total number of patients transplanted Paediatric <15 years Patients transplanted from living donors	135 15 105	8,3 0,9 6,4	6 0 6	0,7 0,0 0,7	2960 164 1964	23,3 1,3 15,5	41 2 5	10,5 0,5 1,3	40 4 18	6,1 0,6 2,7	199 19 29	6,3 0,6 0,9	119 5 20	35,0 1,5 5,9	192 23 95	6,2 0,7 3,1

WAITING LIST

EUROPEAN UNION COUNTRIES

COUNTRIES	AUSTRIA	BELGIUM	BULGARIA	CROATIA	CYPRUS	CZECH. R.	DENMARK	ESTONIA	FINLAND	FRANCE
Population (million inhabitants): UNFPA	8,5	11,3	7,1	4,2	1,2	10,5	5,7	1,3	5,5	64,4
KIDNEY										
N° TX CENTRES	7	7	3	4	1	7	3	1	1	43
Patients included on the WL for the first time in the course of 2015	448	526	226	231	9	402	328	38	290	4735
Total number of patients ever active on the WL during 2015	1121	589	1078	355	56	901	823	98	661	16529
Patients awaiting for a transplant (only active candidates) on 31/12/2015	625	813	911	124	46	430	501	40	397	7277
Patients who died while on the WL during 2015	39	38	80	11	0	32	15	3	5	266
Patients on dialyses on 31/12/2015			838	3100	600			359		
LIVER										
N° TX CENTRES	4	6	3	2	0	2	1	1	1	21
Patients included on the WL for the first time in the course of 2015	178	347	41	157	0	197	70	15	78	1756
Total number of patients ever active on the WL during 2015	264	393	74	225	0	251	86	20	87	3052
Patients awaiting for a transplant (only active candidates) on 31/12/2015	64	172	42	63	0	61	24	3	5	632
Patients who died while on the WL during 2015	25	61	13	11	0	5	2	1	1	181
HEART										
N° TX CENTRES	3	8	2	2	0	2	2	0	1	25
Patients included on the WL for the first time in the course of 2015	71	123	17	65	0	105	35	0	42	622
Total number of patients ever active on the WL during 2015	128	129	37	79	0	179	59	0	69	980
Patients awaiting for a transplant (only active candidates) on 31/12/2015	52	110	24	24	0	77	24	0	36	265
Patients who died while on the WL during 2015	10	13	5	8	0	9	4	0	4	78
LUNG										
N° TX CENTRES	2	5	0	0	0	1	1	1	1	12
Patients included on the WL for the first time in the course of 2015	157	141	11	0	0	46	38	8	33	382
Total number of patients ever active on the WL during 2015	229	143	21	0	0	107	64	15	40	537
Patients awaiting for a transplant (only active candidates) on 31/12/2015	74	102	16	0	0	49	23	7	11	150
Patients who died while on the WL during 2015	12	1	4	0	0	19	6	3	5	15
PANCREAS										
N° TX CENTRES	3	6	0	1	1	1	1	1	1	11
Patients included on the WL for the first time in the course of 2015	16	18	1	15		34	16	2	27	127
Total number of patients ever active on the WL during 2015	49	29	7	22	4	53	16	3	31	327
Patients awaiting for a transplant (only active candidates) on 31/12/2015	14	44	8	14	4	30	14	3	14	119
Patients who died while on the WL during 2015	1	4	0	1	0	4	0		0	7
SMALL BOWEL										
N° TX CENTRES		6	0	1	0	1	0	0	1	2
Patients included on the WL for the first time in the course of 2015		1	0	0	0	2	0	0	1	3
Total number of patients ever active on the WL during 2015		1	1	0	0	2	0	0	3	8
Patients awaiting for a transplant (only active candidates) on 31/12/2015		1	1	0	0	1	0	0	0	4
Patients who died while on the WL during 2015			0	0	0	0	0	0	0	1

WAITING LIST

EUROPEAN UNION COUNTRIES

COUNTRIES	GERMANY	GREECE	HUNGARY	IRELAND	ITALY	LATVIA	LITHUANIA	LUXEMBOURG	MALTA
Population (million inhabitants): UNFPA	80,7	11,0	9,9	4,7	59,8	2,0	2,9	0,6	0,4
KIDNEY									
N° TX CENTRES	44	5	4	1	42	1	2	0	
Patients included on the WL for the first time in the course of 2015	3076	223	383	177	2122	51	107	0	38
Total number of patients ever active on the WL during 2015	11037	1317	1486	781	9021	143	254	0	90
Patients awaiting for a transplant (only active candidates) on 31/12/2015	7781	1196	739	453	6883	35	117	0	95
Patients who died while on the WL during 2015	398	31	37	13	152	17	10	0	4
Patients on dialyses on 31/12/2015	10749		5972	2015	600		1410		275
LIVER									
N° TX CENTRES	25	1	2	1	21	0	2	0	
Patients included on the WL for the first time in the course of 2015	1489	88	115	69	1339	0	27	0	0
Total number of patients ever active on the WL during 2015	2840	227	255	119	2353	0	70	0	0
Patients awaiting for a transplant (only active candidates) on 31/12/2015	1280	151	111	29	1031	0	37	0	0
Patients who died while on the WL during 2015	330	38	22	9	143	0	12	0	0
HEART									
N° TX CENTRES	27	1	2	1	17	1	2	0	
Patients included on the WL for the first time in the course of 2015	483	26	74	10	382	3	28	0	1
Total number of patients ever active on the WL during 2015	1341	58	134	38	1062	9	61	0	4
Patients awaiting for a transplant (only active candidates) on 31/12/2015	790	43	40	19	713	6	32	0	3
Patients who died while on the WL during 2015	149	6	8	1	76	1	11	0	
LUNG									
N° TX CENTRES	17	0	1	1	11	0	2	0	
Patients included on the WL for the first time in the course of 2015	427	0	28	18	198	0	10	0	2
Total number of patients ever active on the WL during 2015	859	0	34	83	564	0	19	0	4
Patients awaiting for a transplant (only active candidates) on 31/12/2015	409	0	9	32	378	0	16	0	3
Patients who died while on the WL during 2015	81	0	2	9	58	0	1	0	
PANCREAS									
N° TX CENTRES	32	0	2	1	17	0	1	0	
Patients included on the WL for the first time in the course of 2015	200	0	14	0	75	0	4	0	0
Total number of patients ever active on the WL during 2015	444	0	33	0	321	0	11	0	0
Patients awaiting for a transplant (only active candidates) on 31/12/2015	248	0	11	0	240	0	6	0	0
Patients who died while on the WL during 2015	18	0	2	0	9	0	4	0	
SMALL BOWEL									
N° TX CENTRES	9	0	0	0	3	0	0	0	
Patients included on the WL for the first time in the course of 2015		0	0	0	1	0	0	0	0
Total number of patients ever active on the WL during 2015		0	0	0	23	0	0	0	0
Patients awaiting for a transplant (only active candidates) on 31/12/2015		0	0	0	20	0	0	0	0
Patients who died while on the WL during 2015		0	0	0	2	0	0	0	

WAITING LIST

EUROPEAN UNION COUNTRIES

COUNTRIES	NETHERLANDS	POLAND	PORTUGAL	ROMANIA	SLOVAKIA	SLOVENIA	SPAIN	SWEDEN	U. K.
Population (million inhabitants): UNFPA	16,9	38,6	10,3	19,5	5,4	2,1	46,1	9,8	64,7
KIDNEY									
N° TX CENTRES	11	21	8	4	4	1	40	4	25
Patients included on the WL for the first time in the course of 2015	1252	1154	472	684	137	61		538	2530
Total number of patients ever active on the WL during 2015	1902	2550	3023	4690	505	138		1160	9018
Patients awaiting for a transplant (only active candidates) on 31/12/2015	576	1444	2053	4345	313	58		669	5442
Patients who died while on the WL during 2015	75	59	62	15	33	1		17	261
Patients on dialyses on 31/12/2015		20163	18928	9800	4000				3186
LIVER									
N° TX CENTRES	3	8	3	2	2	1	25	2	7
Patients included on the WL for the first time in the course of 2015	215	404	264	193	60	37	1531	198	409
Total number of patients ever active on the WL during 2015	324	540	683	557	99	46	2282	256	1747
Patients awaiting for a transplant (only active candidates) on 31/12/2015	110	171	155	461	65	19	791	59	601
Patients who died while on the WL during 2015	28	22	30	37	10	4	99	6	90
HEART									
N° TX CENTRES	3	6	4	3	1	1	16	2	7
Patients included on the WL for the first time in the course of 2015	73	254	53	29	43	55	378	73	144
Total number of patients ever active on the WL during 2015	164	610	169	156	79	76	531	104	553
Patients awaiting for a transplant (only active candidates) on 31/12/2015	102	364	12	127	35	43	155	34	271
Patients who died while on the WL during 2015	11	61	7	12	13	3	18	3	46
LUNG									
N° TX CENTRES	3	6	1	0	0	0	8	2	6
Patients included on the WL for the first time in the course of 2015	105	42	0	0	0	0	399	69	170
Total number of patients ever active on the WL during 2015	285	97		0	0	0	686	92	593
Patients awaiting for a transplant (only active candidates) on 31/12/2015	177	43	55	0	0	0	319	35	323
Patients who died while on the WL during 2015	20	24	2	0	0	0	33	8	62
PANCREAS									
N° TX CENTRES	7	5	2	2	1	1	13	4	11
Patients included on the WL for the first time in the course of 2015	46	54	59	24	0	5	77	33	177
Total number of patients ever active on the WL during 2015	89	105	123	120	0	13	197	56	501
Patients awaiting for a transplant (only active candidates) on 31/12/2015	52	49	37	119	0	9	72	26	201
Patients who died while on the WL during 2015	1	0	0	12	0		5	0	26
SMALL BOWEL									
N° TX CENTRES		1	0	0	0	0	3	1	4
Patients included on the WL for the first time in the course of 2015		0	0	0	0	0		5	0
Total number of patients ever active on the WL during 2015		2	0	0	0	0		5	23
Patients awaiting for a transplant (only active candidates) on 31/12/2015		2	0	0	0	0		3	5
Patients who died while on the WL during 2015		0	0	0	0	0		0	1

WAITING LIST

OTHER COUNTRIES

COUNTRIES	ARMENIA	AUSTRALIA	AZERBAIJAN	BELARUS	BOSNIA AND HERZEGOVINA	CANADA	GEORGIA	ICELAND	IRAN	ISRAEL	MACEDONIA	MALAYSIA
Population (million inhabitants): UNFPA	3,0	24	9,8	9,5	3,8	35,9	4	0,3	79,1	8,1	2,1	30,3
KIDNEY												
N° TX CENTRES	1	20	4	6	2		4	1	30	6	2	3
Patients included on the WL for the first time in the course of 2015		711		168				0	963	363		945
Total number of patients ever active on the WL during 2015		2027		877	216			0	1257			6290
Patients awaiting for a transplant (only active candidates) on 31/12/2015		1076		464	162			0	409	843		5705
Patients who died while on the WL during 2015				15				0		48		482
Patients on dialyses on 31/12/2015		12500		2084				0	29075	6434		36779
LIVER												
N° TX CENTRES	0	8	2	2	1		4	0	7	3		1
Patients included on the WL for the first time in the course of 2015	0	335		86				0		150		14
Total number of patients ever active on the WL during 2015	0	524		181	13			0				21
Patients awaiting for a transplant (only active candidates) on 31/12/2015	0	186		91	13			0		131		7
Patients who died while on the WL during 2015	0	18		7				0		53		2
HEART												
N° TX CENTRES	0	5	0	3	0		0	0	8	3		1
Patients included on the WL for the first time in the course of 2015	0	98	0	62			0	0	146	32		3
Total number of patients ever active on the WL during 2015	0	158	0	130	3		0	0	396			7
Patients awaiting for a transplant (only active candidates) on 31/12/2015	0	44	0	64	3		0	0	140	73		6
Patients who died while on the WL during 2015	0	5	0	7			0	0		16		
LUNG												
N° TX CENTRES	0	5	0	1	0		0	0	2	2		1
Patients included on the WL for the first time in the course of 2015	0	211	0	5	0		0	0		85		10
Total number of patients ever active on the WL during 2015	0	322	0	19	0		0	0				18
Patients awaiting for a transplant (only active candidates) on 31/12/2015	0	85	0	7	0		0	0		89		8
Patients who died while on the WL during 2015	0	9	0	1	0		0	0		19		4
0												
N° TX CENTRES	0	2	0	1	0		0	0	2	2		0
Patients included on the WL for the first time in the course of 2015	0	42	0	25	0		0	0				0
Total number of patients ever active on the WL during 2015	0	101	0	56	0		0	0				0
Patients awaiting for a transplant (only active candidates) on 31/12/2015	0	40	0	45	0		0	0		17		0
Patients who died while on the WL during 2015	0	4	0	2	0		0	0				0
SMALL BOWEL												
N° TX CENTRES	0	1	0	1	0		0	0	1	1		0
Patients included on the WL for the first time in the course of 2015	0	2	0	0	0		0	0				0
Total number of patients ever active on the WL during 2015	0	5	0	2	0		0	0				0
Patients awaiting for a transplant (only active candidates) on 31/12/2015	0	4	0	1	0		0	0		2		0
Patients who died while on the WL during 2015	0	0	0	0	0		0	0				0

WAITING LIST

OTHER COUNTRIES

COUNTRIES	MOLDOVA	MONTENEGRO	NEW ZEALAND	NORWAY	RUSSIAN F.	SUDAN	SWITZERLAND	SYRIA	TURKEY	UKRAINE	USA
Population (million inhabitants): UNFPA	4,1	0,6	4,5	5,2	143,5	40,2	8,3	18,5	78,7	44,8	321,8
KIDNEY											
N° TX CENTRES	2	1	3	1	36	7	6	8	75	5	238
Patients included on the WL for the first time in the course of 2015	19	4		313	1294	115	399		5576		35599
Total number of patients ever active on the WL during 2015	61	39		725	5398	140	1461		25829		97213
Patients awaiting for a transplant (only active candidates) on 31/12/2015	49	39		426	3446	39	1074		20927	310	62692
Patients who died while on the WL during 2015	2	3		16	83		21		1698		5288
Patients on dialyses on 31/12/2015	500	191			31500	8890	754		60750	1200	701353
LIVER											
N° TX CENTRES	2	0	1	1	17	0	3	1	46	2	142
Patients included on the WL for the first time in the course of 2015	22	5		81	388	0	196		1872		11606
Total number of patients ever active on the WL during 2015	78	8		113	1330	0	358		3629		24317
Patients awaiting for a transplant (only active candidates) on 31/12/2015	73	8		20	686	0	161		1890	28	12150
Patients who died while on the WL during 2015	1	0		2	115	0	24		523		2213
HEART											
N° TX CENTRES	1	0	1	1	10	0	3	0	16	2	135
Patients included on the WL for the first time in the course of 2015	3	0		40	251	0	65	0	386		4366
Total number of patients ever active on the WL during 2015	3	0		62	660	0	134	0	843		7583
Patients awaiting for a transplant (only active candidates) on 31/12/2015	3	0		20	209	0	77	0	571	4	3143
Patients who died while on the WL during 2015	0	0		2	44	0	15	0	183		568
LUNG											
N° TX CENTRES	0	0	1	1	3	0	2	0	4		70
Patients included on the WL for the first time in the course of 2015	0	0		53	6	0	57	0	65		2538
Total number of patients ever active on the WL during 2015	0	0		105	63	0	111	0	93		3964
Patients awaiting for a transplant (only active candidates) on 31/12/2015	0	0		59	9	0	54	0	37		1230
Patients who died while on the WL during 2015	0	0		8	0	0	3	0	26		302
PANCREAS											
N° TX CENTRES	0	0	1	1	3	0	2	0	9		139
Patients included on the WL for the first time in the course of 2015	0	0		32	45	0	27	0	29		1554
Total number of patients ever active on the WL during 2015	0	0		78	117	0	92	0	289		2813
Patients awaiting for a transplant (only active candidates) on 31/12/2015	0	0		37	73	0	68	0	268	2	1269
Patients who died while on the WL during 2015	0	0		1	5	0	3	0	14		168
40											
N° TX CENTRES	0	0	0	0	0	0	2	0	6		40
Patients included on the WL for the first time in the course of 2015	0	0	0	0	0	0	0	0	8		195
Total number of patients ever active on the WL during 2015	0	0	0	0	0	0	2	0	9		382
Patients awaiting for a transplant (only active candidates) on 31/12/2015	0	0	0	0	0	0	1	0	1		186
Patients who died while on the WL during 2015	0	0	0	0	0	0	1	0	2		18

WAITING LIST

LATINAMERICAN COUNTRIES

COUNTRIES	ARGENTINA	BRAZIL	CHILE	COLOMBIA	COSTA RICA	CUBA	DOMINICAN REP.	ECUADOR
Population (million inhabitants): UNFPA	43,4	207,8	17,9	48,2	4,8	11,4	10,5	16,1
KIDNEY								
N° TX CENTRES	55	135		23	5	9	6	6
Patients included on the WL for the first time in the course of 2015	1739	11124		1261		200	71	173
Total number of patients ever active on the WL during 2015	7805	28820		2978		450	109	563
Patients awaiting for a transplant (only active candidates) on 31/12/2015	6066	18364		1911	239	450	97	445
Patients who died while on the WL during 2015	432	1387		61			1	0
Patients on dialyses on 31/12/2015	29317	91963		24178		3140	2290	326
LIVER								
N° TX CENTRES	26	58		10	3	3	1	1
Patients included on the WL for the first time in the course of 2015	811	3449		263		40	11	25
Total number of patients ever active on the WL during 2015	2027	4764		375		40	19	38
Patients awaiting for a transplant (only active candidates) on 31/12/2015	1216	1308		74	60	24	8	24
Patients who died while on the WL during 2015	212	778		19			1	3
HEART								
N° TX CENTRES	22	36		8	3	1	2	0
Patients included on the WL for the first time in the course of 2015	177	532		82		10	0	1
Total number of patients ever active on the WL during 2015	288	780		107		8	0	1
Patients awaiting for a transplant (only active candidates) on 31/12/2015	111	251		18	5	3	0	5
Patients who died while on the WL during 2015	34	121		9			0	0
LUNG								
N° TX CENTRES	7	8		4	2	0	0	0
Patients included on the WL for the first time in the course of 2015	92	127		30		0	0	0
Total number of patients ever active on the WL during 2015	275	332		46		0	0	0
Patients awaiting for a transplant (only active candidates) on 31/12/2015	183	206		21	1	0	0	0
Patients who died while on the WL during 2015	45	43		6		0	0	0
PANCREAS								
N° TX CENTRES	16	19		4	1	0	0	0
Patients included on the WL for the first time in the course of 2015	96	338		4		0	0	0
Total number of patients ever active on the WL during 2015	238	735		19		0	0	0
Patients awaiting for a transplant (only active candidates) on 31/12/2015	142	501		8	0	0	0	0
Patients who died while on the WL during 2015	18	22		0		0	0	0
SMALL BOWEL								
N° TX CENTRES	2	2		4	1	0	0	0
Patients included on the WL for the first time in the course of 2015	9	3		5		0	0	0
Total number of patients ever active on the WL during 2015	21	10		6		0	0	0
Patients awaiting for a transplant (only active candidates) on 31/12/2015	12	7		2	0	0	0	0
Patients who died while on the WL during 2015	2	2		0		0	0	0

WAITING LIST

LATINAMERICAN COUNTRIES

COUNTRIES	GUATEMALA	HONDURAS	MEXICO	PANAMA	PARAGUAY	PERU	URUGUAY	VENEZUELA
Population (million inhabitants): UNFPA	16,3	8,1	127,0	3,9	6,6	31,4	3,4	31,1
KIDNEY								
N° TX CENTRES								
Patients included on the WL for the first time in the course of 2015			242	1	4	8	3	15
Total number of patients ever active on the WL during 2015			4420		48	131	133	302
Patients awaiting for a transplant (only active candidates) on 31/12/2015			15900		177	559	584	1621
Patients who died while on the WL during 2015			12321		140	425	451	1520
Patients on dialyses on 31/12/2015			69			0	28	84
				2100	1200		3038	19495
LIVER								
N° TX CENTRES								
Patients included on the WL for the first time in the course of 2015		0	73	1	1	4	1	2
Total number of patients ever active on the WL during 2015		0	254	2	1	11	35	7
Patients awaiting for a transplant (only active candidates) on 31/12/2015		0	663	14	1	35	62	24
Patients who died while on the WL during 2015		0	393	14	0	11	27	19
		0	39	0	0	2	7	8
HEART								
N° TX CENTRES								
Patients included on the WL for the first time in the course of 2015		0	48	1	3	3	3	1
Total number of patients ever active on the WL during 2015		0	64		5	12	10	0
Patients awaiting for a transplant (only active candidates) on 31/12/2015		0	107		10	1	29	0
Patients who died while on the WL during 2015		0	50		7	3	20	0
		0	4		1	0	5	0
LUNG								
N° TX CENTRES								
Patients included on the WL for the first time in the course of 2015		0	10	0	0	3	1	0
Total number of patients ever active on the WL during 2015		0	1	0	1	5	10	0
Patients awaiting for a transplant (only active candidates) on 31/12/2015		0	2	0	1	5	19	0
Patients who died while on the WL during 2015		0	1	0	1	3	11	0
		0	1	0	0	0	3	0
PANCREAS								
N° TX CENTRES								
Patients included on the WL for the first time in the course of 2015		0	22	0	0	1	1	0
Total number of patients ever active on the WL during 2015		0	4	0	0	0	2	0
Patients awaiting for a transplant (only active candidates) on 31/12/2015		0	22	0	0	0	28	0
Patients who died while on the WL during 2015		0	19	0	0	0	20	0
		0	0	0	0	0	4	0
SMALL BOWEL								
N° TX CENTRES								
Patients included on the WL for the first time in the course of 2015		0	3	0	0	0	0	0
Total number of patients ever active on the WL during 2015		0	0	0	0	0	0	0
Patients awaiting for a transplant (only active candidates) on 31/12/2015		0	0	0	0	0	0	0
Patients who died while on the WL during 2015		0	0	0	0	0	0	0

FAMILY REFUSALS

EUROPEAN UNION COUNTRIES												
COUNTRIES	AUSTRIA	BELGIUM	BULGARIA	CROATIA	CYPRUS	CZECH. R.	DENMARK	ESTONIA	FINLAND	FRANCE		
Population (million inhabitants): UNFPA	8,5	11,3	7,1	4,2	1,2	10,5	5,7	1,3	5,5	64,4		
Number of interviews, asking for consent to donation			36	202	11			36				
Number of family refusals (%)		676 87 (12,9)	17 (47,22)	33 (16,3)	5 (45,5)			12 (33,3)		738		
COUNTRIES	GERMANY	GREECE	HUNGARY	IRELAND	ITALY	LATVIA	LITHUANIA	LUXEMBOURG	MALTA			
Population (million inhabitants): UNFPA	80,7	11,0	9,9	4,7	59,8	2,0	2,9	0,6	0,4			
Number of interviews, asking for consent to donation				154	2333	29	105		6			
Number of family refusals (%)				20 (13,0)	707 (30,3)	9 (31,0)	30 (28,6)		0 (0,0)			
COUNTRIES	NETHERLANDS	POLAND	PORTUGAL	ROMANIA	SLOVAKIA	SLOVENIA	SPAIN	SWEDEN	U. K.			
Population (million inhabitants): UNFPA	16,9	38,6	10,3	19,5	5,4	2,1	46,1	9,8	64,7			
Number of interviews, asking for consent to donation		643		370	117		2185		3712			
Number of family refusals (%)		100 (15,6)		67 (18,1)	12 (10,3)		334 (15,3)		1269 (34,2)			
OTHER COUNTRIES												
COUNTRIES	ARMENIA	AUSTRALIA	AZERBAIJAN	BELARUS	BOSNIA AND HERZEGOVINA	CANADA	GEORGIA	ICELAND	IRAN	ISRAEL	MACEDONIA	MALAYSIA
Population (million inhabitants): UNFPA	3,0	24	9,8	9,5	3,8	35,9	4	0,3	79,1	8,1	2,1	30,3
Number of interviews, asking for consent to donation		905		0	9				129	6		236
Number of family refusals (%)		341 (37,7)		0	3 (33,3)				52 (40,3)	4 (66,7)		160 (67,8)
COUNTRIES	MOLDOVA	MONTENEGRO	NEW ZEALAND	NORWAY	RUSSIAN F.	SUDAN	SWITZERLAND	SYRIA	TURKEY	UKRAINE	USA	VIETNAM
Population (million inhabitants): UNFPA	4,1	0,6	4,5	5,2	143,5	40,2	8,3	18,5	78,7	44,8	321,8	93,4
Number of interviews, asking for consent to donation	51	23							1969	57		
Number of family refusals (%)	17 (33,3)	23 (100)							1497 (76,0)	53 (93,0)		2028
LATINAMERICAN COUNTRIES												
COUNTRIES	ARGENTINA	BRAZIL	CHILE	COLOMBIA	COSTA RICA	CUBA	DOMINICAN REP.	ECUADOR				
Population (million inhabitants): UNFPA	43,4	207,8	17,9	48,2	4,8	11,4	10,5	16,1				
Number of interviews, asking for consent to donation		6191		818		170	68	54				
Number of family refusals (%)		2739 (44,2)		325 (39,7)		11 (6,5)	49 (72,1)	6 (11,1)				
COUNTRIES	GUATEMALA	HONDURAS	MEXICO	PANAMA	PARAGUAY	PERU	URUGUAY	VENEZUELA				
Population (million inhabitants): UNFPA	16,3	8,1	127,0	3,9	6,6	31,4	3,4	31,1				
Number of interviews, asking for consent to donation				51	32	237	74	136				
Number of family refusals (%)				26 (51,0)	22 (68,8)	159 (67,1)	0 (0)	40 (29,4)				

International Data On Tissue And Hematopoietic Stem Cell Donation And Transplantation Activity. Year 2015



Data provided by National Competent Authorities:

EUROPE

Austria

Belgium

Bulgaria

Yordan Peev

Croatia

Milena Ivanković

Cyprus

Carolina Stylianou

Czech Republic

Eva Křemenová

Denmark

Estonia

Siim Suutre

Finland

Anne Tammiruusu

France

Candide Font-Sala

Germany

Greece

Hungary

Lilla Tokár

Ireland

Italy

Fiorenza Bariani

Letizia Lombardini

Latvia

Ieva Bekere

Lithuania

Justina Davainytė

Luxembourg

Martine Debacker

Malta

Patricia Galea

Netherlands

Frank Van Linden

Poland

Portugal

Paulo Severino

Romania

Andrei Nica

Slovakia

Magdaléna Krátka

Daniel Kuba

Slovenia

Spain

Bibiana Ramos

Marina Álvarez

Sweden

Mona Hansson

United Kingdom

Rita Barallon

Macedonia

The Republic of Moldova

Igor Codreanu

Tatiana Timbalari

Norway

Zaheer Rana

Turkey

LATIN AMERICA

Argentina

Carlos Soratti

Brazil

Heder Murari Borba

Chile

Colombia

Costa Rica

Cesar Gamboa

Cuba

Alexander Mármol

Dominican Rep.

Fernando R. Morales

Alexander Altman

Ecuador

Rubén D. Chiriboga

Guatemala

Honduras

Mexico

J. Salvador Aburto

Panama

César J. Cuero

Paraguay

Hugo A. Espinoza C.

Peru

Mariela Delgado

Uruguay

Mika Bengochea

Venezuela

Evelyn Alonzo

PRELIMINARY DATA ON TISSUES - YEAR 2015

EUROPEAN UNION COUNTRIES

Country	AUSTRIA	BELGIUM	BULGARIA	CROATIA	CYPRUS	CZECH REPUBLIC	DENMARK	ESTONIA	FINLAND	FRANCE	GERMANY	GREECE	HUNGARY	IRELAND	ITALY	LATVIA
Population (Font: eurostat)	8.576.261	11.258.434	7.202.198	4.225.316	847.008	10.538.275	5.659.715	1.313.271	5.471.753	66.415.161	81.197.537	10.858.018	9.855.571	4.628.949	60.795.612	1.986.096
TYPE OF TISSUE	TYPE OF DATA															
OCULAR TISSUE	N. of tissue donations															
	Tissue donation PMP	84	342	84	342	889	17	167	5719						7.616	10
	N° of tissue retrieved	11,7	80,9	11,7	80,9	84,4	12,9	30,5	86,1						125,3	5,0
	N° of tissue processed (units)	167	680	167	680	1.051	34	333	11.392						15.243	8
	N° tissue distributed (units)	167	697	167	697	0	35	333	11.392						0	0
	N° tissue imported (units)	150	416	2	0	699	36	231	4.941						6.951	0
	N° tissue exported (units)	2	0	0	0	0	0	0	32						4	0
	N° of tissues transplanted	150	375	150	375	151	35	231	254						488	0
BLOOD VESSEL	N° of tissues transplanted	149	366	149	366	310	35	231	4.941						0	0
	N° of patients transplanted	150	375	150	375	310	43	0	4.048						0	0
	N° of transplants					510	43	0							5.620	0
	N. of tissue donations	0	19	0	19	75	26	13	6.944						615	0
	Tissue donation PMP	0,0	4,5	0,0	4,5	7,1	19,8	2,4	104,6						10,1	0,0
	N° of tissue retrieved	0	19	0	19	97	43	36	7.614						880	0
	N° tissue processed (units)	0	19	0	19	74	42	36	7.614						0	0
	N° tissue distributed (units)	0	10	0	10	42	28	0	2.012						423	0
CARDIAC TISSUE	N° tissue imported (units)	0	0	0	0	0	0	0	30						0	0
	N° tissue exported (units)	0	0	0	0	0	0	0	39						0	0
	N° of tissues transplanted	0	9	0	9	42	9	0	1.469						0	0
	N° of patients transplanted	0	7	0	7	40	28	0	1.453						0	0
	N° of transplants	0	10	0	10	43	28	0							241	0
	N. of tissue donations	0	4	0	4	86	0	78	310						255	0
	Tissue donation PMP	0,0	0,9	0,0	0,9	8,6	0,0	14,3	4,7						4,2	0,0
	N° of tissue retrieved	0	4	0	4	86	0	235	653						0	0
MUSCULOSKELETAL	N° tissue processed (units)	0	5	0	5	94	0	150	164						225	0
	N° tissue distributed (units)	0	0	0	0	0	0	0	46						0	0
	N° tissue imported (units)	0	0	0	0	94	0	2	76						2	0
	N° tissue exported (units)	0	5	0	5	93	0	150	164						13	0
	N° of tissues transplanted	0	5	0	5	93	0	0	164						0	0
	N° of patients transplanted	0	5	0	5	98	0	0							13	0
	N° of transplants														148	0
	N. of tissue donations	6,916	15,6	6,916	15,6	1,368	186	1,030	25,596						3,812	10
PLACENTA/AMNIOTIC MEMBRANE	Tissue donation PMP	960,3	36,9	960,3	36,9	129,8	141,6	188,2	385,4						62,7	5,0
	N° of tissue retrieved	6,916	27,0	6,916	27,0	3,912	210	1,350	26,070						6,504	3,6
	N° tissue processed (units)	198	270	198	270	2,887	0	0	26,070						0	74
	N° tissue distributed (units)	282	139	0	0	2,952	0	0	38,262						0	25
	N° tissue imported (units)	0	55	0	0	0	0	0	520						7	0
	N° tissue exported (units)	4,920	0	0	0	1,023	0	0	42,25						91	0
	N° of tissues transplanted	188	179	0	0	645	199	0	38,495						0	0
	N° of patients transplanted	181	236	0	0	637	230	0	30,163						0	0
SKIN	N° of transplants	182	172	0	0	709	259	0							8,116	0
	N. of tissue donations	12	5	0	5	22	22	16	110						242	0
	Tissue donation PMP	1,7	1,2	0	1,2	2,1	16,8	2,9	1,7						4,0	0,0
	N° of tissue retrieved	12	3	0	3	180	22	16	110						244	0
	N° tissue processed (units)	418	2,584	0	2,584	5,136	99	239	3,407						0	0
	N° tissue distributed (units)	495	2,635	0	2,635	2,320	97	0	2,687						37,733	0
	N° tissue imported (units)	0	0	0	0	0	0	0	0						0	0
	N° tissue exported (units)	165	158	0	0	92	0	32	25						0	0
OTHERS	N° of tissues transplanted	157	158	0	0	33	84	0	2,687						0	0
	N° of patients transplanted	157	158	0	0	33	84	0	2,349						0	0
	N° of transplants					34	97	0							1,010	0
	N. of tissue donations	93	8	0	8	65	6	23	233						517	0
	Tissue donation PMP	12,9	9	0	9	62	4,6	42	35,8						22,8	0,0
	N° of tissue retrieved (cm²)	57,684	18,492	0	18,492	93,450	0	13,609	111,2425						1,112,425	0
	N° tissue processed (units)	0	0	0	0	170,045	7	1,063	438,042						0	0
	N° tissue distributed (units)	0	0	0	0	0	0	0	33,852						810,745	0
	N° tissue imported (units)	0	0	0	0	1,770	0	0	7,164						20	0
	N° tissue exported (units)	0	0	0	0	0	0	0	330,189						0	0
	N° of tissues transplanted	0	4	0	4	0	2	1,060	145						0	0
	N° of patients transplanted	0	4	0	4	0	7	23	134						0	0
	N° of transplants					0			1,821						0	0
	N. of tissue donations	39	0,0	0	0,0	62	0	1	123						118	0
	Tissue donation PMP	5,4	0,0	0	0,0	5,9	0,0	0,2	2,0						59,4	0
	N° of tissue retrieved	39	0	0	0	68	0	1	123						0	0
	N° tissue processed (units)	0	0	0	0	1,557	0	1	24						0	0
	N° tissue distributed (units)	0	0	0	0	22	0	1	0						5	0
	N° tissue imported (units)	0	0	0	0	0	0	4	0						0	0
	N° tissue exported (units)	28	0	0	0	34	0	0	0						0	0
	N° of tissues transplanted	0	0	0	0	4	0	0	0						0	0
	N° of patients transplanted	0	0	0	0	4	0	0	60						0	0
	N° of transplants					4										

PRELIMINARY DATA ON TISSUES - YEAR 2015

Country		EUROPEAN UNION COUNTRIES												OTHER COUNTRIES			
		LITHUANIA	LUXEMBOURG	MALTA	NETHERLANDS	POLAND	PORTUGAL	ROMANIA	SLOVAKIA	SLOVENIA	SPAIN	SWEDEN	UNITED KINGDOM	MACEDONIA	MOLDOVA	NORWAY	TURKEY
Population (Font: eurostat)		2.921.262	562.958	429.344	16.900.726	38.005.614	10.374.822	19.870.647	5.421.349	2.062.874	46.449.565	9.747.355	64.875.165	2.069.172	3.555.159	5.166.493	77.695.904
TYPE OF TISSUE		TYPE OF DATA															
OCULAR TISSUE	N. of tissue donations	25	30	7	1.590		545	45	0	57	3.600	602	5.435		21		126
	Tissue donation PMP	8,6	53,3	16,3	94,1		52,5	2,3	0,0	27,6	77,5	61,8	83,8		5,9		24,4
	N° of tissue retrieved	50	60	14	3.288		1.053	89	247	111	7.105	1.203	10.870		40		203
	N° of tissue processed (units)	50	14	14	1.462		1.042	0	250	111	5.492	1.203	6.994		40		177
	N° of tissue distributed (units)	48	0	14	1.460		731	0	161	86	3.735	829	4.223		20		121
	N° of tissue imported (units)	0	0	0	16		194	35	34	0	223	0	334		0		178
	N° of tissue exported (units)	0	0	0	256		0	0	0	0	0	22	0	481		0	1
	N° of tissues transplanted	48	0	14	1.473		941	124	199	86	3.876	902	NA	NA	19	247	247
	N° of tissues transplanted	45	0	14	1.463		934	124	199	86	0	814	NA	NA	17	241	241
	N° of patients transplanted	48	0	14	1.476		945	124	199	86	3.860	829	361	NA	19	251	251
BLOOD VESSEL	N. of tissue donations	0	1	0	43		1	0	1	46	152	179	727		0	0	0
	Tissue donation PMP	0,0	1,8	0,0	2,5		0,1	0,0	0,2	22,3	3,3	18,4	11,2		0,0	0,0	0,0
	N° of tissue retrieved	0	1	0	79		1	0	4	46	375	235	727		0	0	0
	N° of tissue processed (units)	0	0	0	79		0	0	3	46	376	235	727		0	0	0
	N° of tissue distributed (units)	0	0	0	24		0	0	1	25	183	18	80		0	0	0
	N° of tissue imported (units)	0	0	0	0		0	0	0	0	0	0	583		0	0	0
	N° of tissue exported (units)	0	0	0	4		0	0	0	0	26	0	80		0	0	0
	N° of tissues transplanted	0	0	0	26		0	0	1	25	0	18	NA	NA	0	0	0
	N° of tissues transplanted	0	0	0	26		0	0	1	25	0	12	NA	NA	0	0	0
	N° of patients transplants	0	0	0	26		0	0	1	25	91	12	361	NA	0	0	0
CARDIAC TISSUE	N. of tissue donations	0	0	0	174		35	0	7	0	220	153	685		0	0	0
	Tissue donation PMP	0,0	0,0	0,0	10,3		3,4	0,0	1,3	0,0	4,7	15,7	10,6		0,0	0,0	0,0
	N° of tissue retrieved	0	0	0	374		55	0	13	0	399	347	685		0	0	0
	N° of tissue processed (units)	0	0	0	374		32	0	13	0	395	387	685		0	0	0
	N° of tissue distributed (units)	0	0	0	87		13	0	0	0	189	208	387		0	0	0
	N° of tissue imported (units)	0	0	0	0		0	0	0	0	0	0	334		0	0	0
	N° of tissue exported (units)	0	0	0	16		0	0	0	0	91	0	481		0	0	0
	N° of tissues transplanted	0	0	0	87		12	0	4	0	69	208	NA	NA	0	0	0
	N° of tissues transplanted	0	0	0	86		11	0	4	0	0	206	NA	NA	0	0	0
	N° of patients transplants	0	0	0	86		11	0	4	0	69	207	401	NA	0	0	0
MUSCULOSKELETAL	N. of tissue donations	39	0	0	3.197		44	385	492	0	2.647	1.618	6.926		26		312
	Tissue donation PMP	13,4	0,0	0,0	189,2		4,2	19,4	90,8	0,0	57,0	166,0	106,8		7,3		60,4
	N° of tissue retrieved	39	0	0	3.958		263	442	3.300	0	20.469	1.600	6.926		51		154
	N° of tissue processed (units)	0	0	0	4.219		365	204	3.435	143	23.335	0	4.064		254		266
	N° of tissue distributed (units)	0	0	0	3.966		272	84	3.604	84	17.189	0	27.700		323		151
	N° of tissue imported (units)	0	0	0	70		142	56	0	0	440	0	34.930		0		5
	N° of tissue exported (units)	0	0	0	51.128		0	384	3.136	100	357	1.077	35.305		0		0
	N° of tissues transplanted	0	0	0	4.616		418	306	279	100	16.186	1.036	NA		251		276
	N° of tissues transplanted	0	0	0	4.347		300	306	279	100	0	1.036	NA		135		256
	N° of patients transplants	0	0	0	0		300	306	279	100	11.274	1.050	12.519		135		241
PLACENTA/AMNIOTIC MEMBRANE	N. of tissue donations	12	0	0	1		10	0	31	0	76	7	0		18		0
	Tissue donation PMP	4,1	0,0	0,0	0,1		1,0	0,0	3,1	0	1,9	0,7	0,0		5,1		0,0
	N° of tissue retrieved	61	0	0	3		128	0	12.533	32	1.877	421	53		18		9
	N° of tissue processed (units)	56	0	0	2		156	0	18.330	39	2.149	421	88		10.149		185
	N° of tissue distributed (units)	0	0	0	17		0	0	0	0	1.461	307	444		6.717		54
	N° of tissue imported (units)	0	0	0	1		0	0	0	0	0	0	858		0		0
	N° of tissue exported (units)	0	0	0	0		0	0	0	0	0	0	0		0		0
	N° of tissues transplanted	56	0	0	19		169	0	329	33	1.551	311	NA		84		66
	N° of tissues transplanted	55	0	0	18		151	0	239	33	0	258	NA		59		58
	N° of patients transplants	56	0	0	19		160	0	291	33	1.458	311	315		63		64
SKIN	N. of tissue donations	0	0	0	464		0	19	12	10	234	68	907		7		0
	Tissue donation PMP	0,0	0,0	0,0	27,5		0,0	1,0	2,2	4,8	5,0	7,0	14,0		2,0		0,0
	N° of tissue retrieved (cm²)	0	0	0	2.026.500		0	37.450	46.777	1.300	519.617	64.671	907		16.659		0
	N° of tissue processed (units)	0	0	0	20.265		0	37.450	46.855	98	532.717	64.643	649		16.797		0
	N° of tissue distributed (units)	0	0	0	1.500		0	27.200	39.161	88	337.011	62	3.901		9.433		0
	N° of tissue imported (units)	0	0	0	114		29	4.000	0	0	0	9.114	3.161		0		0
	N° of tissue exported (units)	0	0	0	15.140		0	0	0	0	159.325	0	4.816		0		0
	N° of tissues transplanted	0	0	0	513		29	31.200	47	31	162.300	62	NA		78		0
	N° of tissues transplanted	0	0	0	77		10	14	18	31	0	34	NA		22		0
	N° of patients transplants	0	0	0	77		10	14	18	31	44	62	1.090		23		0
OTHERS	N. of tissue donations	15	0	0	124		0	0	164	20	0	9	4.542		1		0
	Tissue donation PMP	5,1	0,0	0,0	7,3		0,0	0,0	30,3	9,7	0,0	0,9	70,0		0,3		0,0
	N° of tissue retrieved	15	0	0	210		0	0	301	20	0	23	4.542		1		2
	N° of tissue processed (units)	47	0	0	210		0	0	18	20	0	3	7.097		1		103
	N° of tissue distributed (units)	28	0	0	69		0	0	14	82	0	0	1.485		0		0
	N° of tissue imported (units)	0	0	0	5.632		0	0	0	0	0	0	8.908		0		0
	N° of tissue exported (units)	0	0	0	4		0	0	0	0	0	0	1.502		0		0
	N° of tissues transplanted	28	0	0	518		0	0	37	82	0	0	NA		0		0
	N° of tissues transplanted	18	0	0	518		0	0	11	82	0	0	NA		0		0
	N° of patients transplants	28	0	0	518		0	0	31	82	0	0	0		0		0

PRELIMINARY DATA ON TISSUES - YEAR 2015

LATINAMERICAN COUNTRIES

Country	ARGENTINA	BRAZIL	CHILI	COLOMBIA	COSTA RICA	CUBA	DOMINICANA	ECUADOR	GUATEMALA	HONDURAS	MEXICO	PANAMA	PARAGUAY	PERU	URUGUAY	VENEZUELA
Population (Font: UNFPA state of world population, 2015 – Million)																
	43,4	207,8	17,9	48,2	4,8	11,4	10,5	16,1	16,3	8,1	127,0	3,9	6,6	31,4	3,4	31,1
TYPE OF TISSUE	TYPE OF DATA															
OCULAR TISSUE	N. of tissue donations	1.213	14.941			0	0	110			3.450	0	62	358	117	57
	Tissue donation PMP	27,9	71,9			0,0	0,0	68			27,2	0,0	9,4	11,4	34,4	1,8
	N° of tissue retrieved	2.399	27.223			0	0	137			3.450	0	62	414	291	112
	N° of tissues transplanted	1.751	13.793			0	0	116			3.473	0	62	414	265	108
	N° of patients transplanted	1.703	0			0	0	116			3.473	0	62	414	242	108
	N° of transplants	1.751	13.793			0	0	116			3.473	0	62	414	0	108
BLOOD VESSEL	N. of tissue donations	0	1			0	0	0			0	0	0	0	8	0
	Tissue donation PMP	0,0	0,0			0,0	0,0	0,0			0,0	0,0	0,0	0,0	2,4	0,0
	N° of tissue retrieved	0	1			0	0	0			0	0	0	0	15	0
	N° of tissues transplanted	0	0			0	0	0			0	0	0	0	16	0
	N° of patients transplanted	0	0			0	0	0			0	0	0	0	12	0
	N° of transplants	0	0			0	0	0			0	0	0	0	0	0
CARDIAC TISSUE	N. of tissue donations	232	192			0	0	0			8	0	0	0	0	0
	Tissue donation PMP	5,3	0,9			0,00	0,0	0,0			0,1	0,00	0,00	0,0	0,00	0,0
	N° of tissue retrieved	405	180			0	0	0			8	0	0	0	0	0
	N° of tissues transplanted	179	154			0	0	0			2	0	0	0	3	0
	N° of patients transplanted	166	0			0	0	0			2	0	0	0	2	0
	N° of transplants	179	154			0	0	0			2	0	0	0	0	0
MUSCULOSKELETAL	N. of tissue donations	133	1.396			0	0	296			324	0	0	0	17	0
	Tissue donation PMP	3,1	6,7			0,0	0,0	18,4			2,6	0,0	0,0	0,0	5,0	0,0
	N° of tissue retrieved	10.027	17.683			0	0	296			324	0	0	0	26	0
	N° of tissues transplanted	4.114	19.461			0	0	154			0	0	0	0	725	0
	N° of patients transplanted	2.486	0			0	0	129			0	0	0	0	130	0
	N° of transplants	4.114	0			0	0	129			0	0	0	0	0	0
PLACENTA/AMNIOTIC MEMBRANE	N. of tissue donations	0	0			0	0	18			0	0	0	0	58	0
	Tissue donation PMP	0,0	0,0			0,0	0,0	1,1			0,0	0,0	0,0	0,0	17,1	0,0
	N° of tissue retrieved	0	0			0	0	390			0	0	0	0	35	0
	N° of tissues transplanted	0	0			0	0	188			0	0	0	0	501	0
	N° of patients transplanted	0	0			0	0	114			0	0	0	0	53	0
	N° of transplants	0	0			0	0	114			0	0	0	0	0	0
SKIN	N. of tissue donations	42	184			0	0	1			53	0	0	0	50	0
	Tissue donation PMP	1,0	0,9			0,0	0,0	0,1			0,4	0,0	0,0	0,0	14,7	0,0
	N° of tissue retrieved (cm²)	42	72.948			0	0	1.945			0	0	0	0	83.050	0
	N° of tissues transplanted	0	63.946			0	0	0			0	0	0	0	940	0
	N° of patients transplanted	0	0			0	0	1			0	0	0	0	24	0
	N° of transplants	0	63.946			0	0	1			0	0	0	0	0	0
OTHERS	N. of tissue donations	0	0			0	0	0			7	0	0	0	22	0
	Tissue donation PMP	0,0	0,0			0,0	0,0	0,0			0,1	0,0	0,0	0,0	6,5	0,0
	N° of tissue retrieved	0	0			0	0	0			0	0	0	0	32	0
	N° of tissues transplanted	0	0			0	0	0			2	0	0	0	5	0
	N° of patients transplanted	0	0			0	0	0			2	0	0	0	5	0
	N° of transplants	0	0			0	0	0			2	0	0	0	0	0

PRELIMINARY DATA ON HPC CELLS - YEAR 215

EUROPEAN UNION COUNTRIES

Country	AUSTRIA	BELGIUM	BULGARIA	CROATIA	CYPRUS	CZECH REPUBLIC	DENMARK	ESTONIA	FINLAND	FRANCE	GERMANY	GREECE	HUNGARY	IRELAND	ITALY
Population (Font: eurostat)	8.576.261	11.258.434	7.202.198	4.225.316	847.008	10.538.275	5.659.715	1.313.271	5.471.753	66.415.161	81.197.537	10.858.018	9.855.571	4.628.949	60.795.612
CATEGORY OF DATA	NO DATA		NO DATA		NO DATA		NO DATA		NO DATA		NO DATA		NO DATA		
TYPE OF DATA															
POTENTIAL DONATION AND SEARCHING IN THE NATIONAL REGISTRIES	N° of potential donors at 31.12		0	43.703	136.108	88.163	0	31.164	248.671	0	361.413				
	N° of coord blood unit at 31.12		0	3.016	3.294	4.159	0	3.345	34.115	35.838	33.450				
	N° of searches requested		0	510	22.292	42.159	0	0	25.030	0	3.312				
	N° of unrelated donation		0	0	46	216	0	0	1.309	0	781				
DONATION	N° of donation – Autologous		97	548	0	0	51	239	3.304	0	4.504				
	N° of donation – Allogenic		7	1.668	60	34	6	0	1.340	0	19.577				
	N° of donation – Allogenic, related		7	42	16	0	6	0	923	0	1.789				
	N° of donation – Allogenic, unrelated		0	1.626	44	34	0	0	417	0	17.788				
BANKING of CORD BLOOD	N° of unrelated coord blood units collected		0	1.611	1.873	88	0	0	910	0	17.595				
	N° of unrelated coord blood units distributed		0	0	2	1	0	4	229	0	0				
	N° of unrelated coord blood units at 31.12		0	3.231	3.294	5.549	0	3.345	34.115	0	39.845				
	N° of related coord blood units collected		0	12	3.288	10	0	0	0	0	239				
	N° of related coord blood units distributed		0	0	0	0	0	0	0	0	0				
	N° of related coord blood units at 31.12		0	196	20.498	172	0	0	0	0	3.727				
TRANSPLANT	N° of transplants – Autologous		84	177	18	454	39	0	3.135	250	3.055				
	N° of patients transplanted – Autologous		76	112	18	348	0	0	3.023	255	2.426				
	N° of transplants – Allogenic		13	75	0	264	22	0	1.964	116	1.733				
	N° of patients transplanted – Allogenic		13	75	0	243	0	0	921	114	1.619				
	N° of transplants – Allogenic, related		7	30	0	68	6	0	43	998					
	N° of patients transplanted – Allogenic, related		7	30	0	64	0	0	42	913					
	N° of transplants – Allogenic, unrelated		6	45	0	196	16	0	1.043	73	735				
	N° of patients transplanted – Allogenic, unrelated		6	45	0	179	0	0	72	706					

PRELIMINARY ON HPC CELLS - YEAR 2015

Country	MEMBER STATES OF THE EUROPEAN UNION												OTHER COUNTRIES		
	LATVIA	LITHUANIA	LUXEMBOURG	MALTA	NETHERLANDS	POLAND	PORTUGAL	ROMANIA	SLOVAKIA	SLOVENIA	SPAIN	SWEDEN	UNITED KINGDOM	MOLDOVA	NORWAY
Population (Font: eurostat)	1.986.096	2.921.262	562.958	429.344	16.900.726	38.005.614	10.374.822	19.870.647	5.421.349	2.062.874	46.449.565	9.747.355	64.875.165	3.555.159	5.166.493
CATEGORY OF DATA	NO DATA												*		
POTENTIAL DONATION AND SEARCHING IN THE NATIONAL REGISTRIES															
N° of potential donors at 31.12	10.738	0	0	0	81.672		385.323	13.288	6.764	16.293	200.678	NA	NE	33.730	
N° of coord blood unit at 31.12	1.341	0	0	0	3.648		9.157	17.458	1.730	343	62.407	NA	NE	0	
N° of searches requested	87	0	0	0	613		2.685	221	22.191	228	2.563	NA	NE	0	
N° of unrelated donation	46	0	0	0	448		147	37	48	0	667	NA	NE	0	
DONATION															
N° of donation – Autologous	254	0	0	0	3.922		450	5.149	4.396	0	1.880	701	NE	35	
N° of donation – Allogenic	21	0	0	0	190		1.597	28	70	0	1.022	501	NE	78	
N° of donation – Allogenic, related	13	0	0	0	143		83	20	59	0	732	119	NE	34	
N° of donation – Allogenic, unrelated	8	0	0	0	47		1.514	8	11	0	290	382	NE	44	
BANKING of CORD BLOOD															
N° of unrelated coord blood units collected	0	0	0	0	1.713		1.405	2.740	14	0	2.573	319	NE	0	
N° of unrelated coord blood units distributed	0	0	0	0	99		3	0	0	0	247	10	NE	0	
N° of unrelated coord blood units at 31.12	0	0	0	0	0		9.160	11.426	2	0	62.407	4.491	NE	0	
N° of related coord blood units collected	120	0	0	0	6		0	8.593	24	0	1	2	NE	103	
N° of related coord blood units distributed	42	0	0	0	3		1	0	2	0	1	0	NE	0	
N° of related coord blood units at 31.12	1.098	0	0	0	0		145	101.404	22	0	0	16	NE	871	
TRANSPLANT															
N° of transplants – Autologous	143	0	0	0	2.859		391	163	154	0	1.880	562	NE	0	
N° of patients transplanted – Autologous	101	0	0	0	812		374	159	114	0	0	524	NE	0	
N° of transplants – Allogenic	60	0	0	0	620		163	96	85	0	1.188	295	NE	81	
N° of patients transplanted – Allogenic	57	0	0	0	523		152	95	73	0	0	278	NE	80	
N° of transplants – Allogenic, related	16	0	0	0	156		79	31	34	0	732	114	NE	0	
N° of patients transplanted – Allogenic, related	13	0	0	0	131		73	30	31	0	0	102	NE	0	
N° of transplants – Allogenic, unrelated	44	0	0	0	464		84	65	51	0	456	181	NE	81	
N° of patients transplanted – Allogenic, unrelated	44	0	0	0	392		79	65	42	0	0	176	NE	80	

PRELIMINARY DATA ON HPC CELLS - YEAR 2015

LATINAMERICAN COUNTRIES

Country	ARGENTINA	BRAZIL	CHILE	COLOMBIA	COSTA RICA	CUBA	DOMINICAN REP.	ECUADOR	GUATEMALA	HONDURAS	MEXICO	PANAMA	PERU	PARAGUAY	URUGUAY	VENEZUELA
Population (Font: UNFPA, state of world population, 2015 - Million)	43,4	207,8	17,9	48,2	4,8	11,4	10,5	16,1	16,3	8,1	127,0	3,9	31,4	6,6	3,4	31,1
CATEGORY OF DATA	TYPE OF DATA			NO DATA			NO DATA			NO DATA						
POTENTIAL DONATION AND SEARCHING IN THE NATIONAL REGISTRIES	N° of potential donors at 31.12	74.054	3.830.316	0	0	0	0	0	0	0	0	0	0	0	768	0
	N° of coord blood unit at 31.12	2.840	14.305	0	0	0	0	0	0	0	0	0	0	0	0	0
	N° of searches requested	784	13.110	0	0	0	0	0	0	0	0	0	0	0	48	0
	N° of unrelated donation	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
BANKING of CORD BLOOD	N° of unrelated coord blood units at 31.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	N° of related coord blood units at 31.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TRANSPLANT	N° of transplants – Autologous	566	1.082	0	0	27	0	0	0	0	0	33	95	12	77	0
	N° of patients transplanted – Autologous	566	0	0	0	25	0	0	0	0	0	33	0	12	77	0
	N° of transplants – Allogenic	376	629	0	0	23	0	0	0	0	0	57	83	24	27	0
	N° of patients transplanted – Allogenic	375	0	0	0	23	0	0	0	0	0	57	0	24	27	0
	N° of transplants – Allogenic, related	263	452	0	0	23	0	0	0	0	0	12	83	12	20	0
	N° of patients transplanted – Allogenic, related	263	0	0	0	23	0	0	0	0	0	12	0	12	20	0
	N° of transplants – Allogenic, unrelated	113	177	0	0	0	0	0	0	0	0	45	0	12	7	0
	N° of patients transplanted – Allogenic, unrelated	112	0	0	0	0	0	0	0	0	0	45	0	12	7	0

Global Observatory On Donation And Transplantation



The **Global Observatory on Donation and Transplantation (GODT)** database was devised as result of the inability to estimate the donation and transplantation practices all over the world. That reality led the World Health Assembly to request, for first time in 2004, the collection of global data on the practices, safety, quality, efficacy, epidemiology and ethical issues of allogeneic transplantation. The global database was therefore created to accomplish these requirements under the signed agreement between the World Health Organization (WHO) and the Spanish Ministry of Health.

As with the Newsletter Transplant, the collection of data is done through the Spanish National Organization of Transplants (ONT). In addition, the ONT hosts; manages; coordinates and maintains the entire database and the web platform that enables the access to the donation and transplantation figures. The **GODT** is running since 2007, providing information on organ donation and transplantation practices.

"The GODT is being possible thanks to the collaboration with the network of health authorities and officially designated focal points. It is the result of their valuable contribution to providing annual data".

The availability of this information is recognised as a prerequisite to ensure transparency and equity in donation and transplantation and to monitor transplant systems in countries.

The GODT has always been connected to the Newsletter Transplant of the Council of Europe database and other international data collection sources, such as that from Latin American countries, to avoid duplication of efforts. The collective data fed onto the GODT constitutes the best and only reliable form of official global data available.

Currently, this database represents the most comprehensive source of worldwide data derived from official sources.

After several years of running the database and the website, some limited capabilities were observed. Aiming at solving those matters, the ONT designed a project to remodel the **GODT** database and revamp the website, in order to ensure wide accessibility to the invaluable data collected annually in a friendly manner.

The newly revamped **GODT** website is more intuitive and dynamic, and it focuses the interest on the database and the relevant documents, allowing a rapid and easy access to all pieces of information about countries:

Facts, individual figures compared with regional and global estimates, charts, bar charts and global maps, are some of the possibilities that the **GODT** provides to users.

Visit the **GODT** website at: <http://www.transplant-observatory.org/>

[HOME](#)

[ABOUT US](#)

[GLOBAL DATA](#)

[REFERENCE DOCUMENTS](#)

[LINKS](#)

[SEARCH](#)

WHO-ONT

The global database on donation and transplantation represents the most comprehensive source to date of worldwide data concerning activities in organ donation and transplantation derived from official sources, as well as information on legal and organizational aspects.

The main direct collaboration between WHO and ONT has been focused on this collection of global data, which lead to the joint ONT-WHO Global Observatory on Donation and Transplantation.

[READ MORE ...](#)

119,873

ORGANS TRANSPLANTED ANNUALLY (2014)

1.81%

OF INCREASE OVER 2013

27,397

ACTUAL DECEASED ORGAN DONORS IN 2014

13.6

TRANSPLANTS/HOUR IN 2014

41.60%

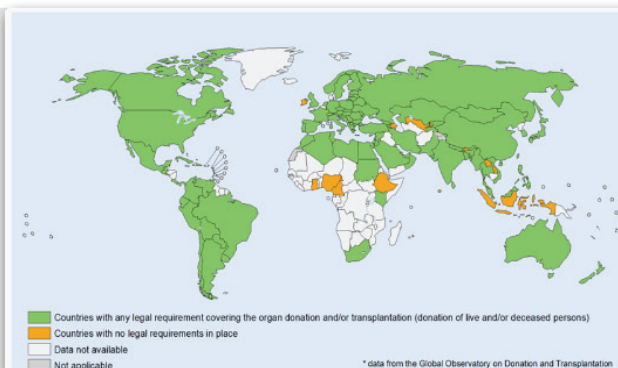
OF LIVING KIDNEY
TRANSPLANTS
(2014)

9.30%

OF ACTUAL DCD
(2014)

20%

OF LIVING LIVER
TRANSPLANTS
(2014)



Global distribution of
countries with legal
frameworks for organ
donation and / or
transplantation

The boundaries and names shown and the designations used on this map do not imply the expression of any opinion whatsoever on the part of the World Health Organization concerning the legal status of any country, territory, city or area or of its authorities, or concerning the delimitation of its frontiers or boundaries. Dotted and dashed lines on maps represent approximate border lines for which there may not yet be full agreement.
Data Source: Global Observatory on Donation & Transplantation. Map Production: Information Evidence and Research (IER)
World Health Organization
©WHO 2016. All rights reserved.



DATA



DOCUMENTS

HIGHLIGHTS



Newsletter Transplant 2015



NEW!

Guide to the quality and safety of ORGANS FOR TRANSPLANTATION 6TH EDITION



FREE DOWNLOAD!



go.edqm.eu/dl

European Directorate
for the Quality of Medicines
& HealthCare

State-of-the-art
guidance for
professionals
involved in
donation and
transplantation of
human organs.

Helping to
ensure the
successful and
safe clinical
application of
human organs.

www.edqm.eu

ISSN 2171-4118

NIPO: 691-15-002-5

Free copies of the paper version can
be ordered at <https://store.edqm.eu>



MINISTERIO
DE SANIDAD, SERVICIOS SOCIALES
E IGUALDAD

