

INTERNATIONAL REPORT ON ORGAN DONATION AND TRANSPLANTATION ACTIVITIES 2024

www.transplant-observatory.org

December 2025



WHO Collaborating
Centre on Donation
and Transplantation

WHO-ONT COLLABORATION

The GODT is a collaborative effort of WHO and the Spanish ONT. It is running since 2007 and came up in response to the request of the World Health Assembly, in Resolutions WHA57.18 and WHA63.22, to collect global data on the practices, safety, quality, efficacy, epidemiology and ethical issues of allogeneic transplantation. This database collects data on global donation and transplantation practices, and it is recognized as a tool for ensuring transparency, equity and monitoring national transplant systems.

METHODS AND DEFINITIONS

An *ad hoc* standardized questionnaire for activities related to organ donation and transplantation is annually distributed to the identified health authorities and national focal points contributing to the global database.

The definitions applied for the completion of the standardized questionnaire are derived from the WHO Global Glossary on Donation and Transplantation, which is accessible at <http://www.transplant-observatory.org/download/global-glossary/> or through the WHO website (<http://www.who.int/transplantation/activities/en/>).

Definitions and explanations about how to complete the questionnaire can be found at the Global Observatory on Donation and Transplantation website (<http://www.transplant-observatory.org/>).

Actual donor (=donor): a deceased person from whom at least one organ has been recovered for the purpose of organ transplantation.

DBD donor: a deceased donor whose death has been determined by neurological criteria.

DCD donor: a deceased donor whose death has been determined by circulatory criteria.

Domino transplant: a procedure in which an organ is removed from one transplant candidate and immediately transplanted into a second patient, with the first patient receiving a new organ from a deceased donor.

HDI: a composite index measuring average achievement in three basic dimensions of human development—a long and healthy life, knowledge and a decent standard of living. See [Human Development Report 2025](#).

Transplants are counted as those performed only within the country.

Counts for multiorgan or double organ transplants are counted as follows:

- ✓ One double kidney transplant is considered as one transplant.
- ✓ One heart-lung transplant is counted as one lung transplant and one heart transplant.
- ✓ One double lung transplant is considered as one transplant.
- ✓ One kidney-pancreas transplant is counted as one kidney transplant and one pancreas transplant.

Counts for the number of recipients transplanted: a recipient of more than one organ is counted as one recipient.

Specific indicators have been added to the questionnaire along the years, in order to provide further information about the donation and transplantation activities performed around the globe.

The data provided correspond to the period from January 1st to December 31st 2024. Only countries reporting data for 2024 have been included in this report.

Comparisons 2022 vs 2023 vs 2024 have been made with the most up to date data collected in the database (last accessed: November 2025).

To calculate rates per million population, the State of World Population reports, from the United Nations Population Fund (UNFPA), has been used as the source to estimate the population size. Figures for Human Development Index (HDI) are obtained from the United Nations Development Programme (UNDP), [Human Development Report 2025](#).

Data were analysed using descriptive statistics. Statistical analysis was performed with SPSS software (version 25.0) and the Excel tool was used for the creation of bar charts.

ACRONYMS

- ✓ **DBD:** Actual donors after the neurologic determination of death
- ✓ **DCD:** Actual donors after the circulatory determination of death
- ✓ **DD:** Actual deceased organ donors
- ✓ **LD:** Living organ donors
- ✓ **GODT:** Global Observatory on Donation and Transplantation
- ✓ **KT:** Kidney transplants
- ✓ **LT:** Liver transplants

- ✓ **ONT:** Organización Nacional de Trasplantes, Spain
- ✓ **pmp:** per million population
- ✓ **Tx:** Transplants
- ✓ **WHO:** World Health Organization
- ✓ **HDI:** Human Development Index

- ✓ **AFR:** African Region
- ✓ **AMR:** Region of the Americas
- ✓ **EMR:** Eastern Mediterranean Region
- ✓ **EUR:** European Region
- ✓ **SEAR:** South-East Region
- ✓ **WPR:** Western Pacific Region

GLOBAL ACTIVITY IN ORGAN DONATION & TRANSPLANTATION

ESTIMATIONS 2024

Kidney	Liver	Heart	Lung	Pancreas	S. bowel
110 467	42 497	10 287	8 236	2 066	174

≈ 173 727 solid organ transplants

≈ 2 % increase vs 2023

≤ 10% of global needs

37% living kidney transplants

23% living liver transplants

47 180 deceased donors (33 814 DBD and 13 366 DCD donors)

Information of 92 Member States on organ transplantation activities (75% of the total population)

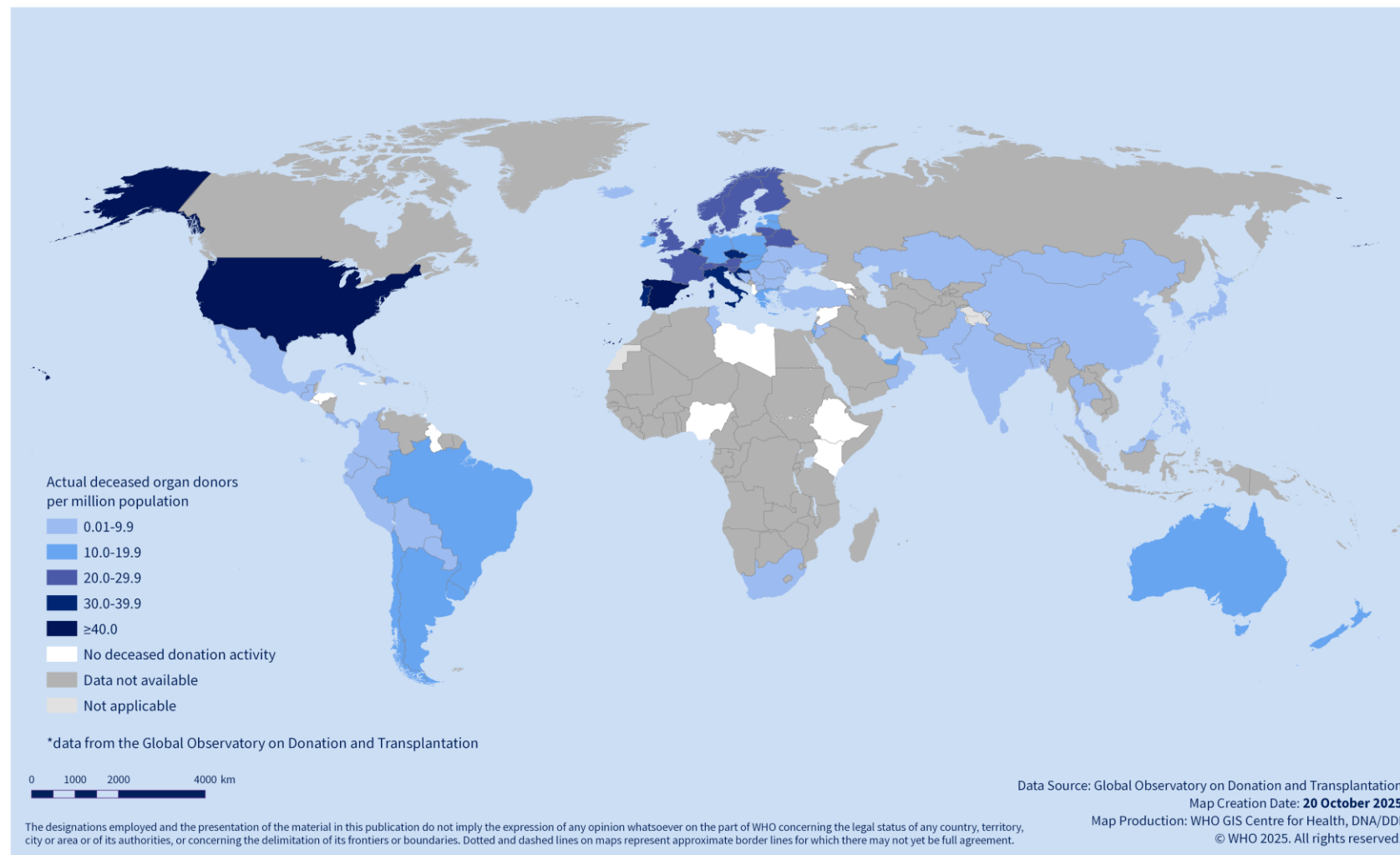
<https://www.transplant-observatory.org/>

1

DECEASED DONATION ACTIVITY

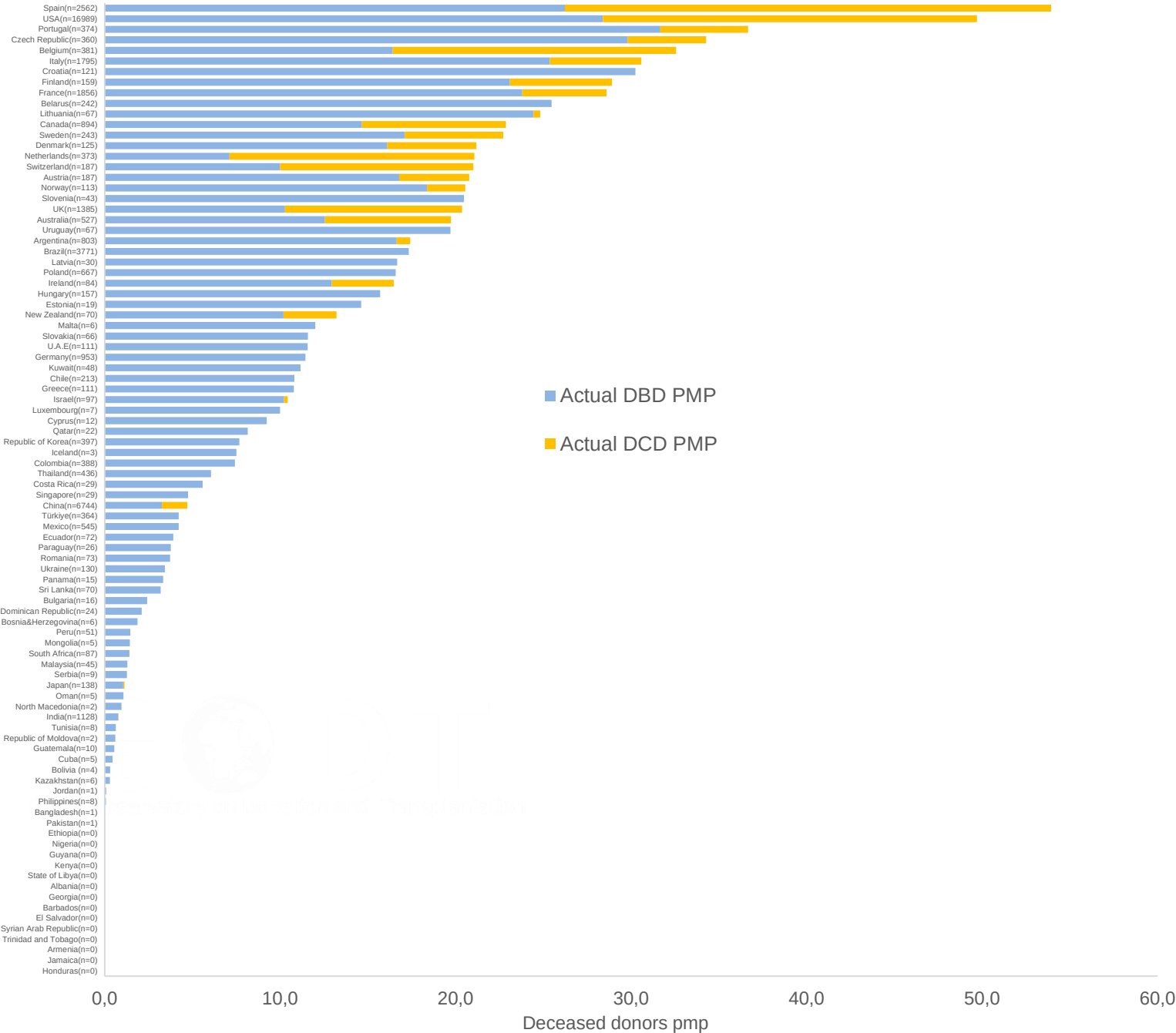
ACTUAL DECEASED ORGAN DONORS (PMP) 2024

Actual donors from deceased persons, 2024*



WHO Regions

Western Pacific Region (WPR)



ACTUAL DECEASED ORGAN DONORS BY DONOR TYPE (PMP) 2024

47 180 Deceased Donors
33 814 DBD (72%)
13 366 DCD (28%)

≈ 3 % increase vs 2023

**Deceased donation activities
reported in 78/92 countries**

*Actual donor: deceased person from whom at least
one organ was recovered for the purpose of
transplantation.*

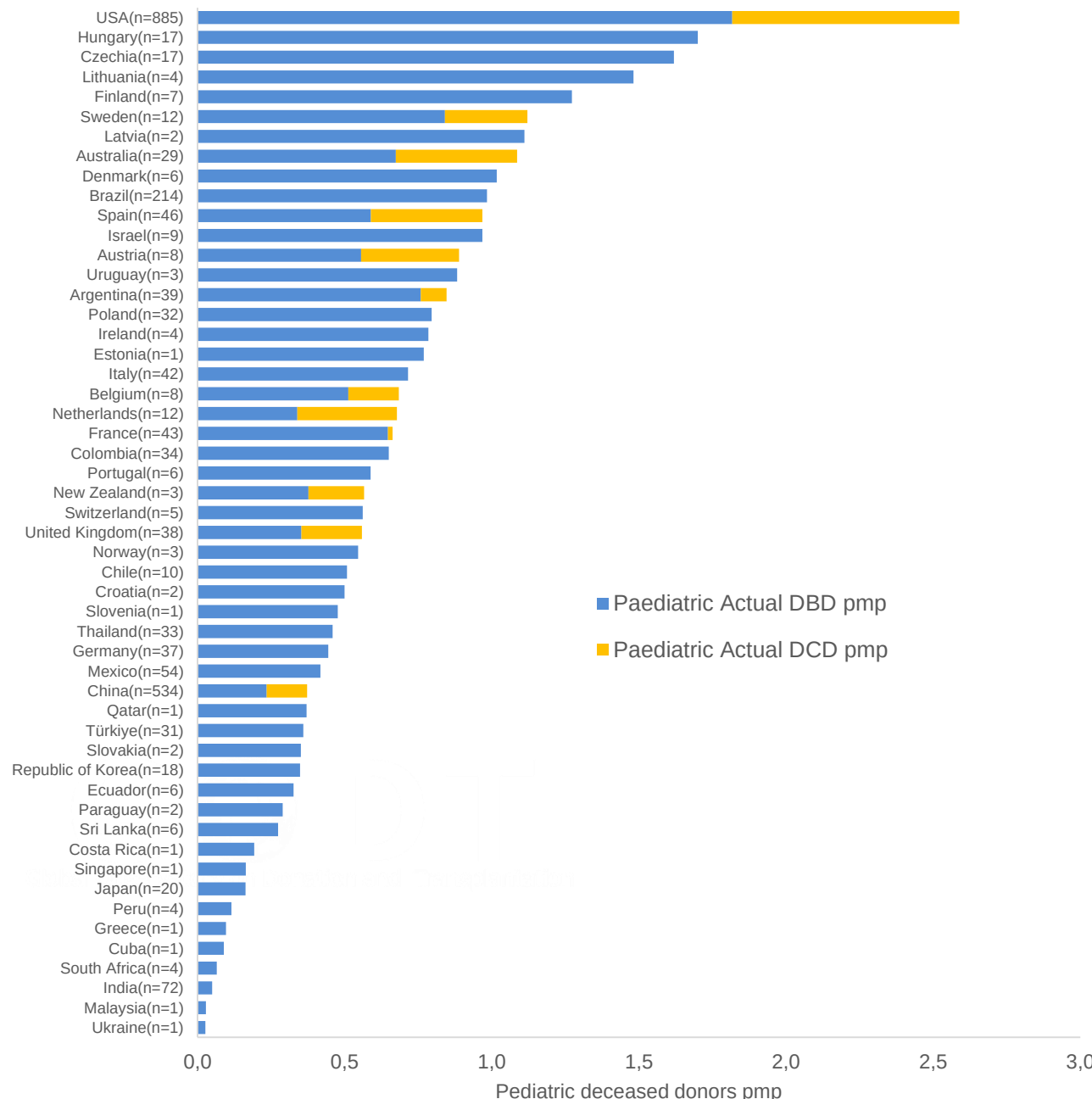
**Canada only provided utilized deceased organ donors*

ACTUAL PEDIATRIC DECEASED ORGAN DONORS BY DONOR TYPE (PMP) 2024

2 372 Pediatric Deceased Donors
1 848 DBD (78%)
524 DCD (22%)

**Pediatric deceased donation
activities reported in 52/92 countries**

Pediatric deceased donor: donor < 18 years



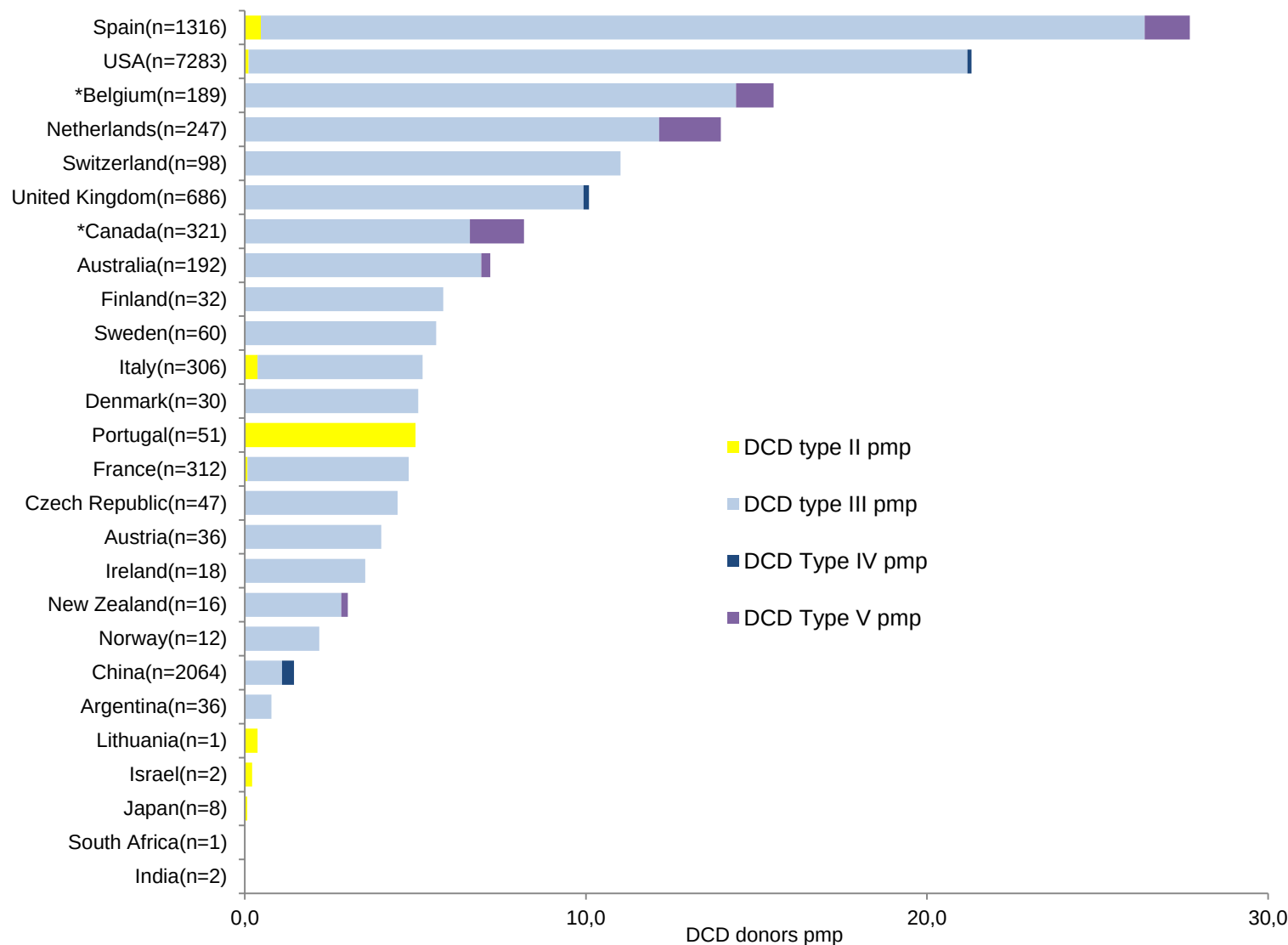
ACTUAL DCD DONORS BY MAASTRICHT TYPE (PMP) 2024

**13 366 DCD donors
(28% deceased donors)**

**Type II: 148 (1%)
Type III: 12 485 (94%)
Type IV: 555 (4%)
Type V: 178 (1%)**

DCD activities reported in 26/92 countries

*Type II: Unexpected cardiac arrest, unsuccessfully resuscitated
Type III: Planned WLST with an expected cardiac arrest.
Type IV : Sudden or planned cardiac arrest after brain death.
Type V: Medical assistance in dying or euthanasia.*

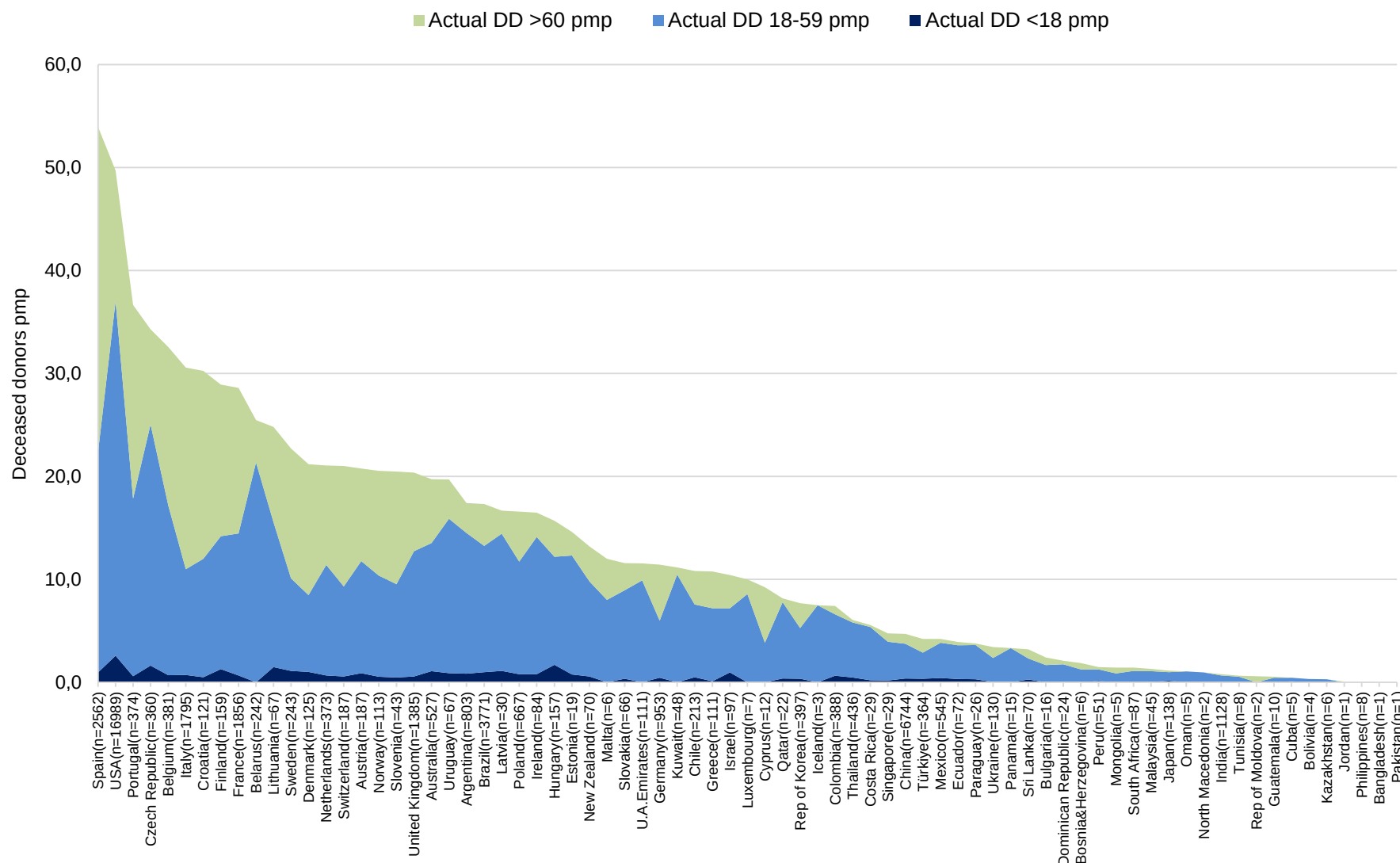


**Data on type III DCD donors not specifically reported, but inferred from other sources.
Belgium and Canada only provided data on utilized DCD donors*

ACTUAL DECEASED ORGAN DONORS BY DONOR AGE (PMP) 2024

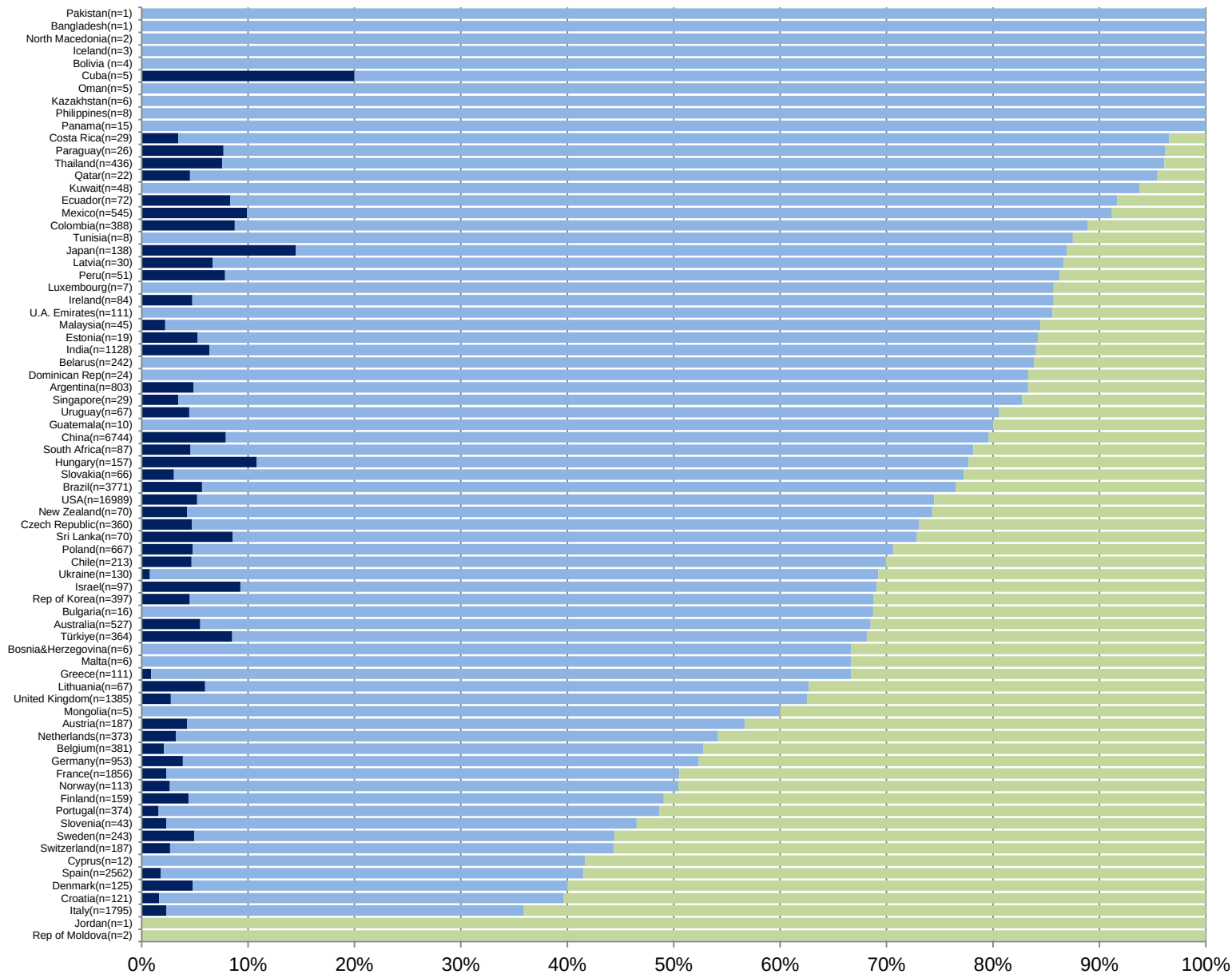
< 18 y: 2 372 (5%)
18-59 y: 29 939 (65%)
≥ 60 y: 13 893 (30%)

77/92 countries provided data
on deceased donor age groups



Note: This graph only shows countries reporting data according to age group.

ACTUAL DECEASED ORGAN DONORS BY DONOR AGE (%) 2024



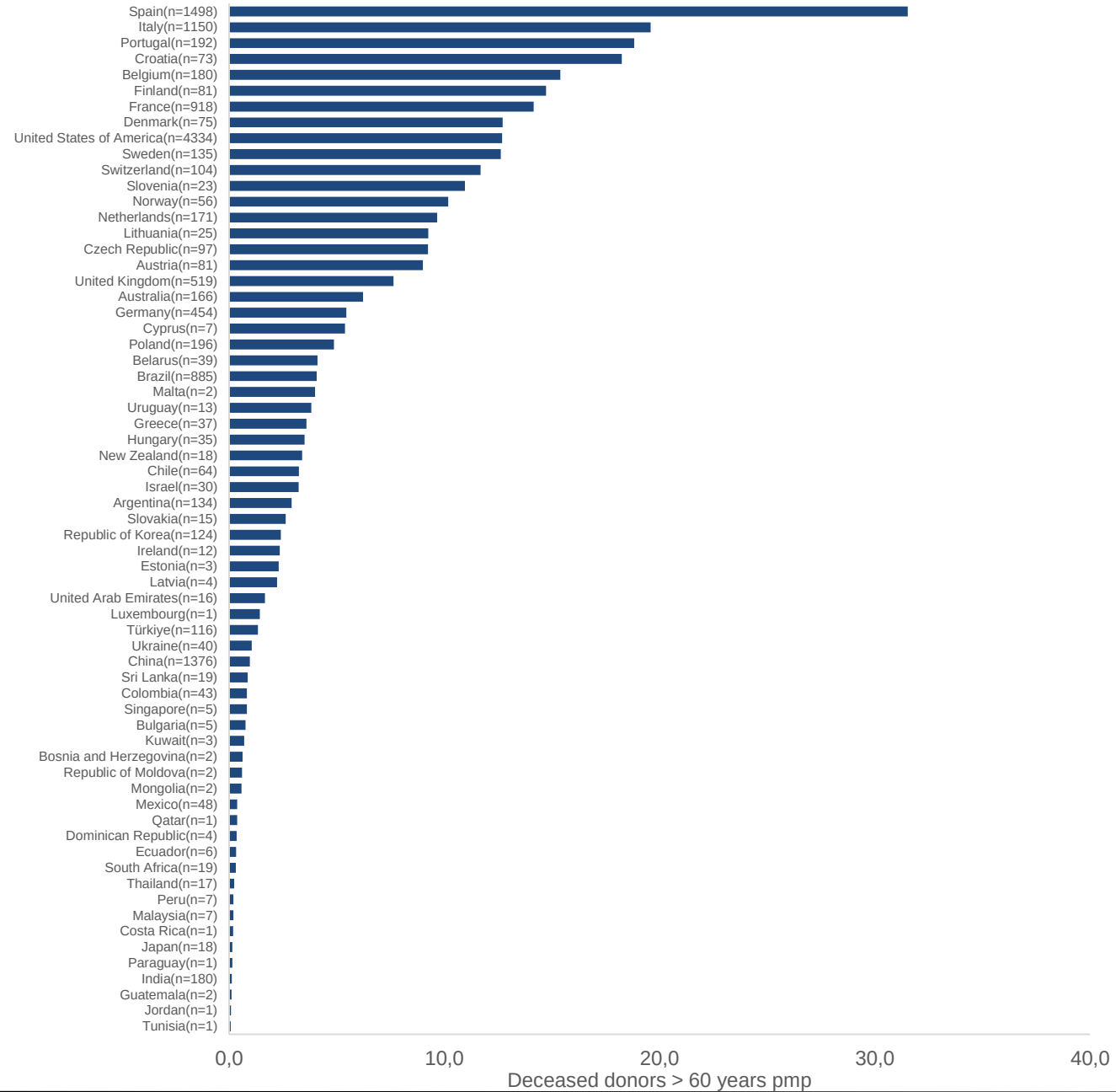
< 18 y: 2 372 (5%)
18-59 y: 29 939 (65%)
≥ 60 y: 13 893 (30%)

**77/92 countries provided data
on deceased donor age groups**

ACTUAL DECEASED ORGAN DONORS > 60 YEARS (PMP)

2024

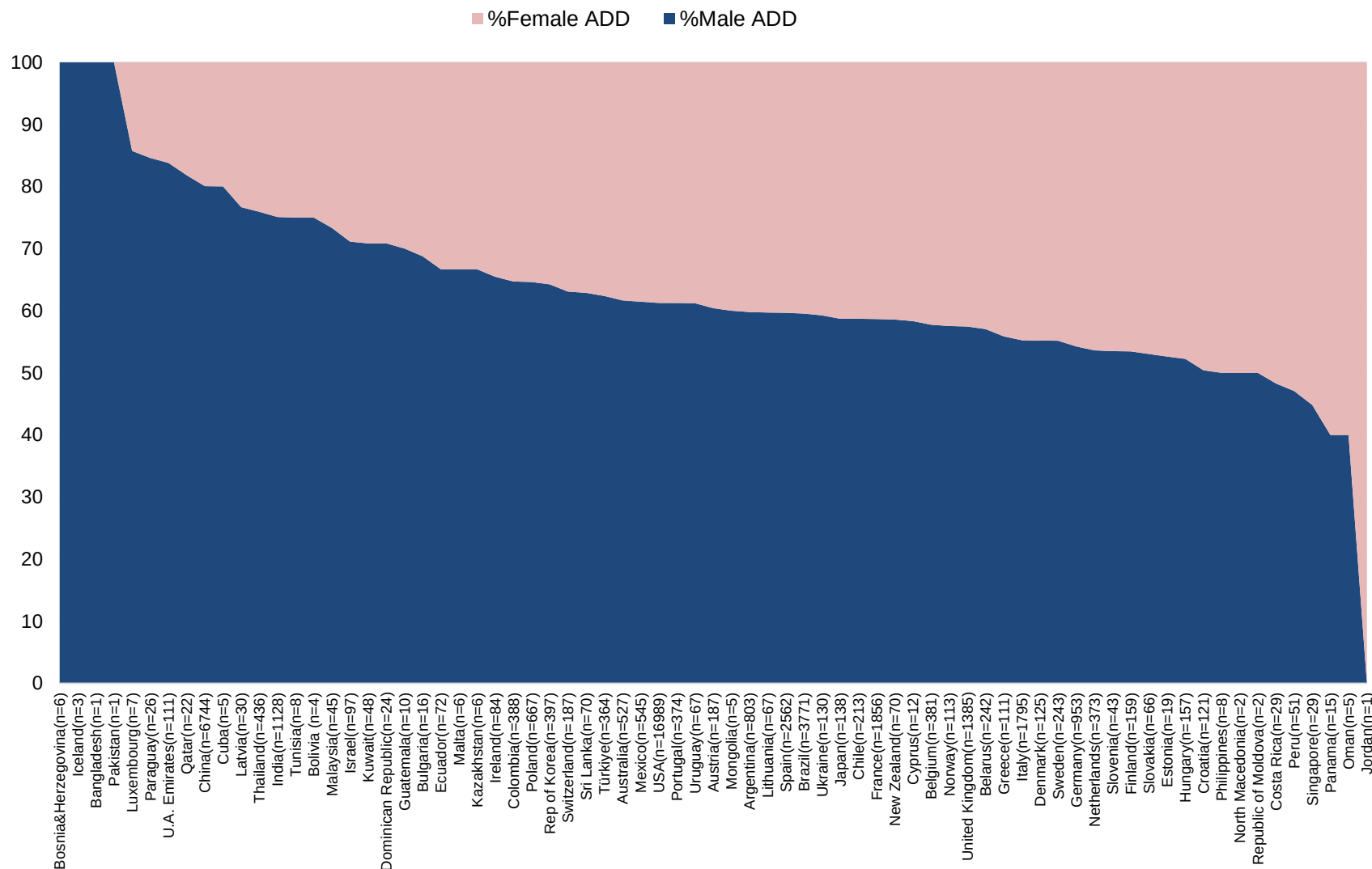
77/92 countries provided data
on deceased donor age groups



ACTUAL DECEASED ORGAN DONORS BY DONOR SEX (%) 2024

Male: 29 095 (64%)
Female: 16 662 (36%)

**73/92 countries provided data
on deceased donor sex**



ACTUAL AND UTILIZED DECEASED ORGAN DONORS (PMP) 2024

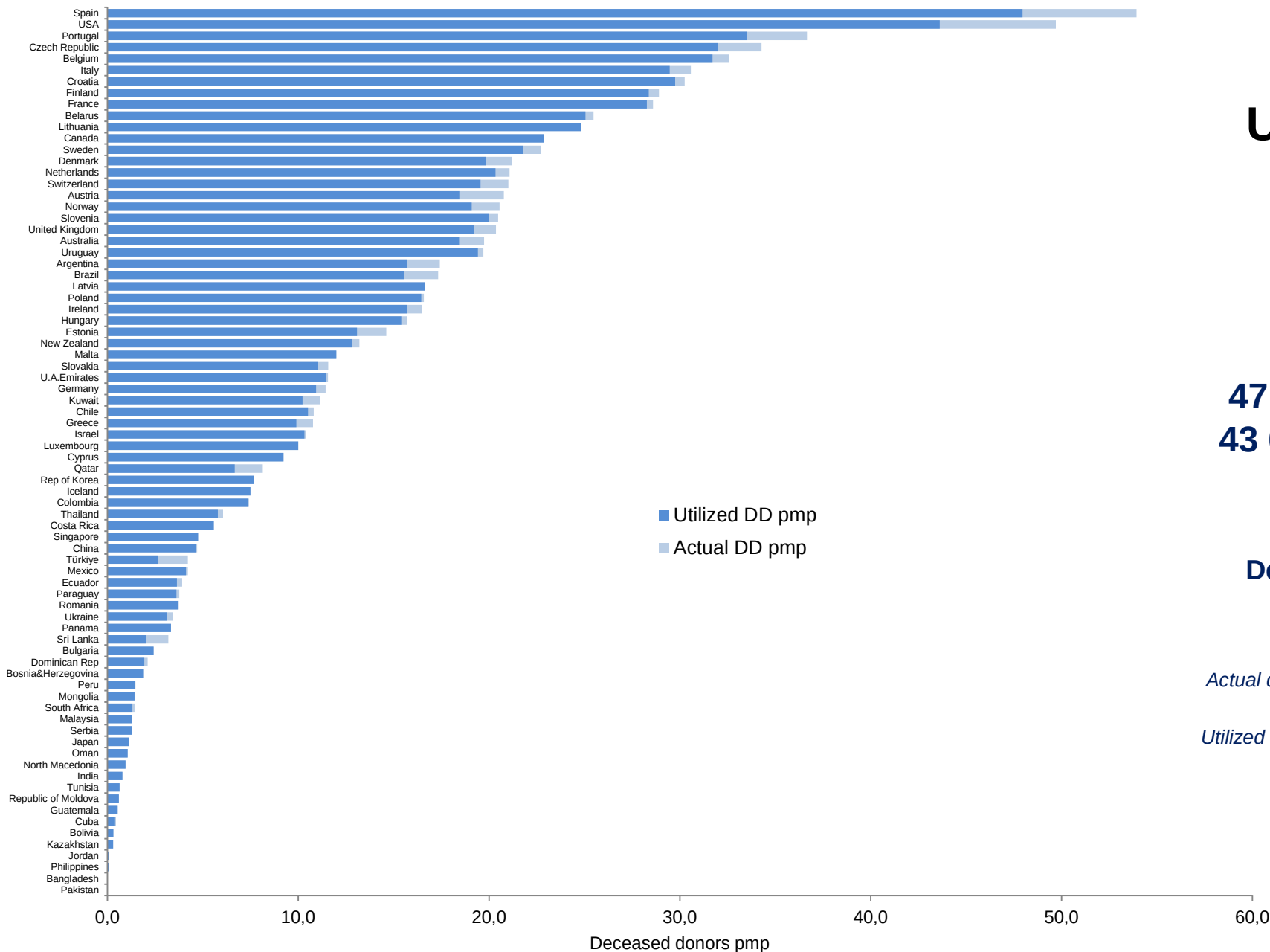
47 180 actual deceased donors
43 600 utilized deceased donors
(92% utilization)

**Deceased donation activities reported
in 78/92 countries**

*Actual donor: deceased person from whom at least one organ was
recovered for the purpose of transplantation.*

*Utilized donor: deceased person from whom at least one organ was
transplanted.*

**Canada only provided utilized deceased donors*



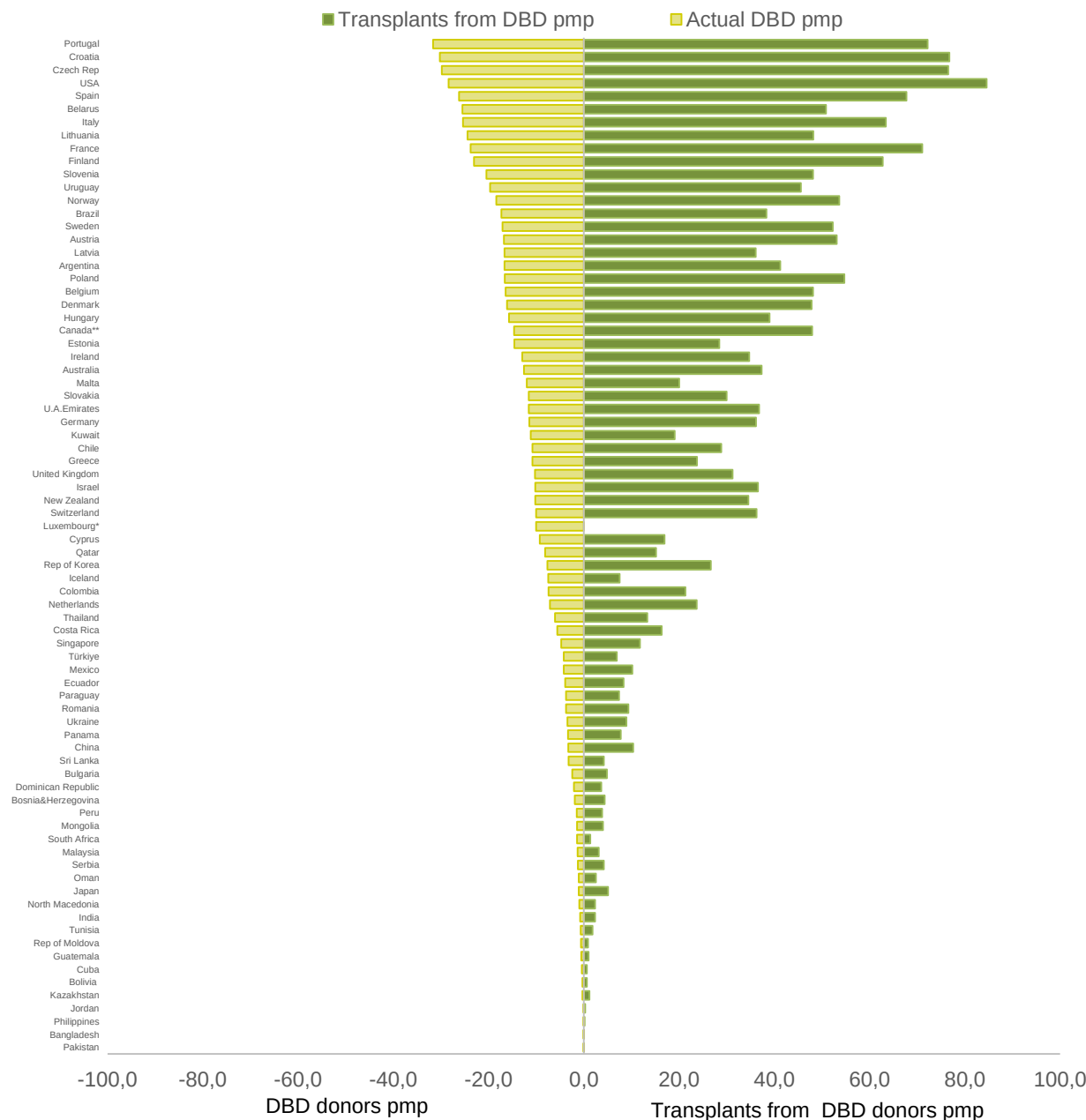
ACTUAL DBD DONORS AND TRANSPLANTS FROM DBD DONORS (PMP) 2024

DBD donors: 33 814 (72%)

DBD activities reported in 78/92 countries

**Organs recovered from deceased donors may be used for transplantation in other jurisdictions, particularly in the absence of local transplant programs.*

***Canada only provided utilized deceased donors*

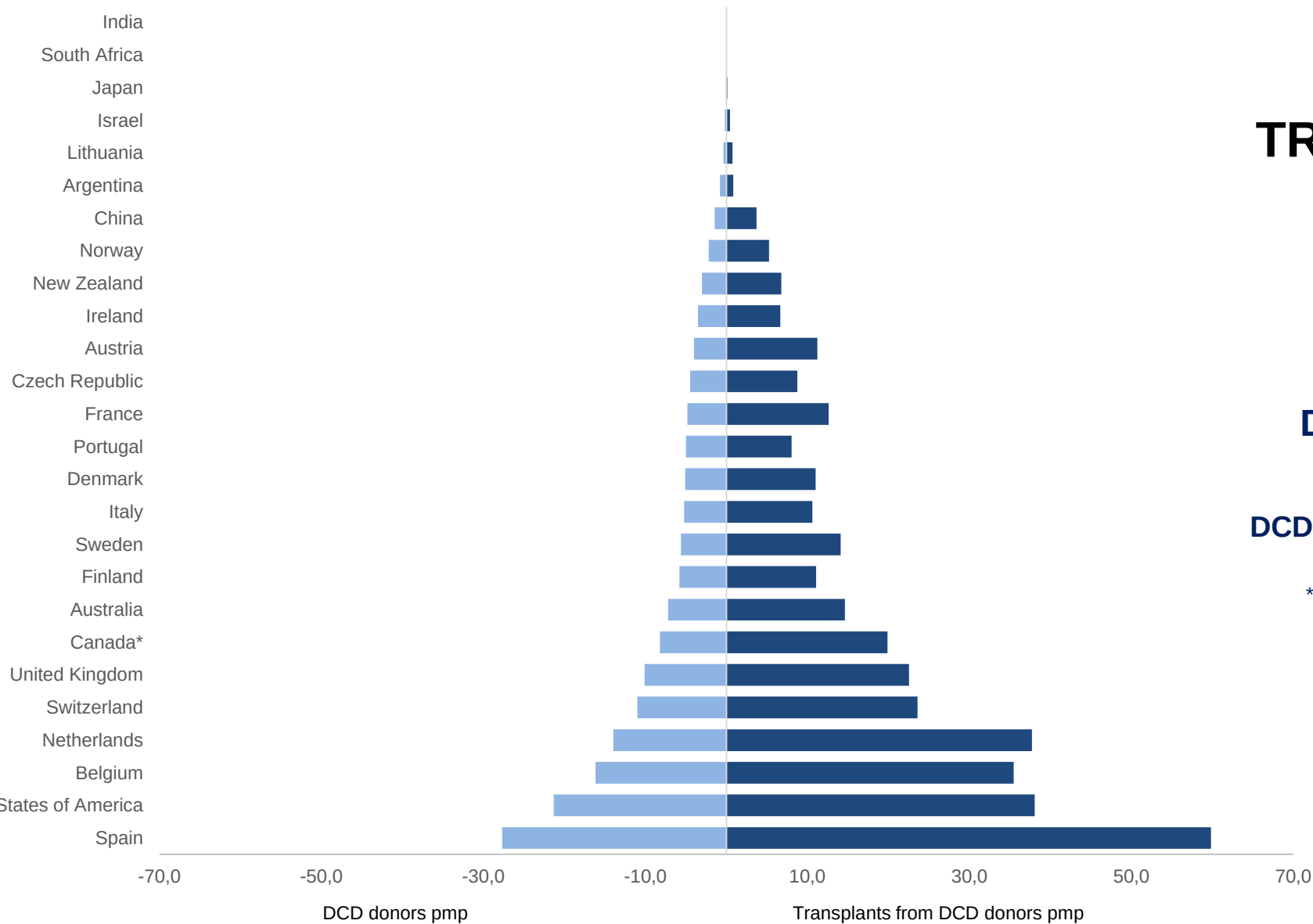


ACTUAL DCD DONORS AND TRANSPLANTS FROM DCD DONORS (PMP) 2024

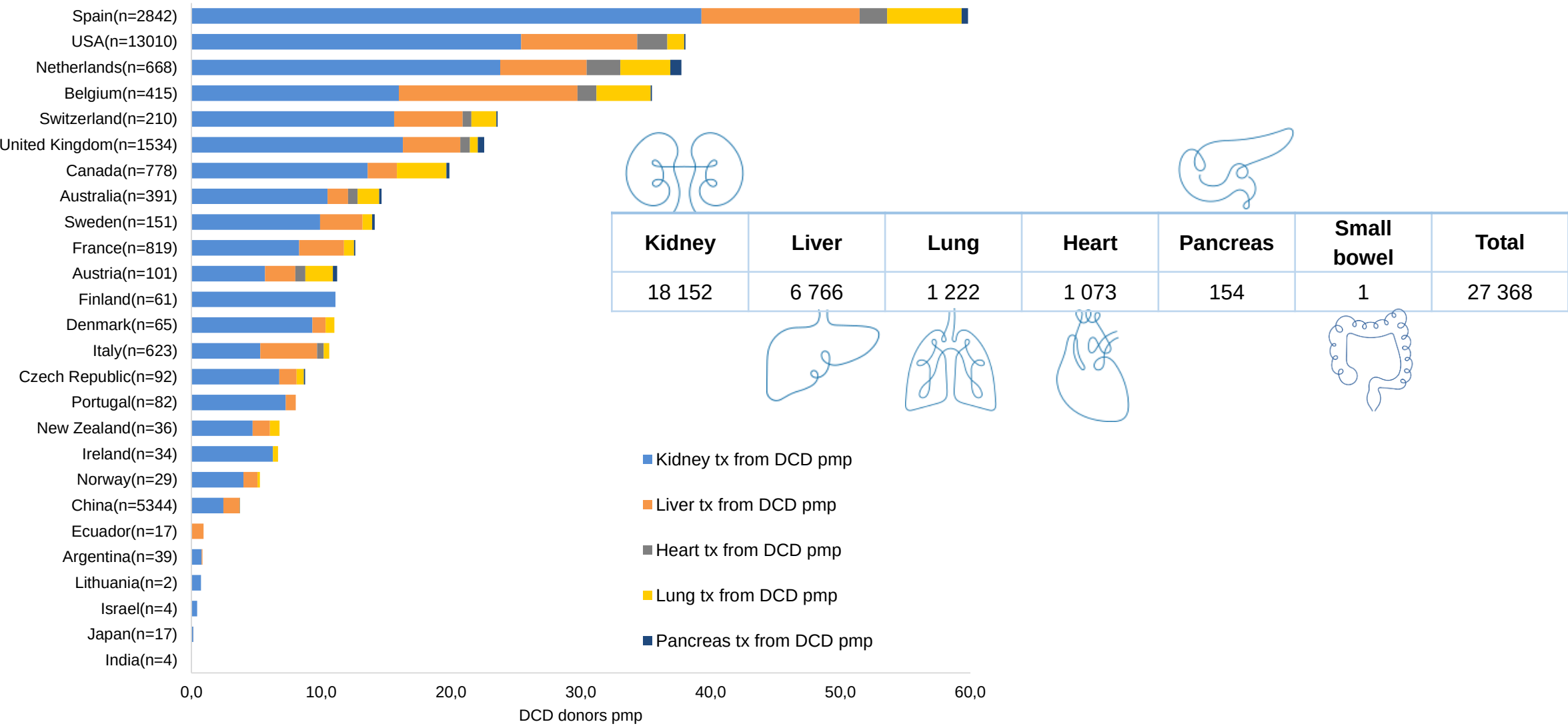
DCD donors: 13 366 (28%)

DCD activities reported in 26/92 countries

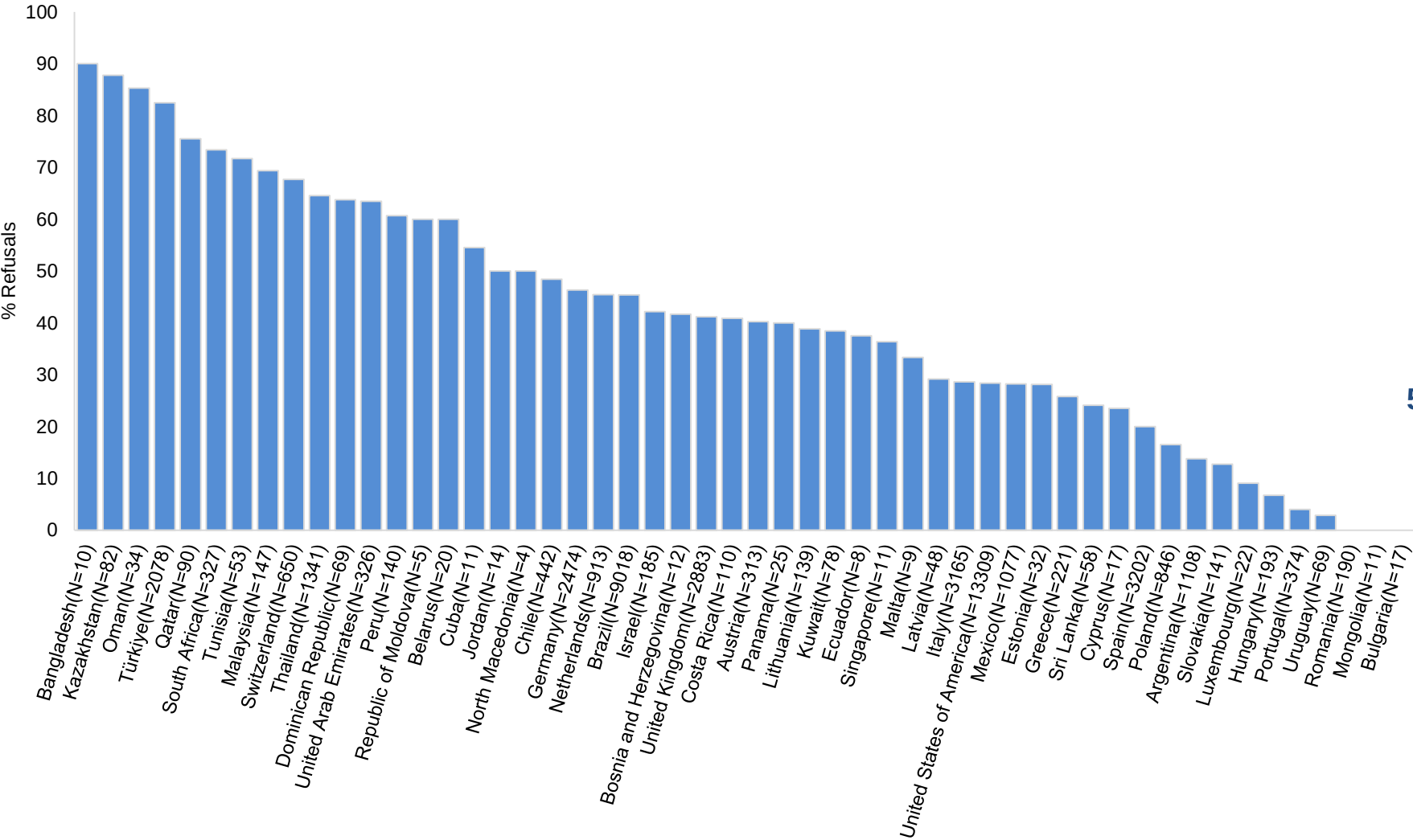
** Canada only provided utilized deceased donors*



TRANSPLANTS FROM DCD DONORS BY ORGAN TYPE (PMP). YEAR 2024



REFUSALS TO DECEASED DONATION (%) 2024



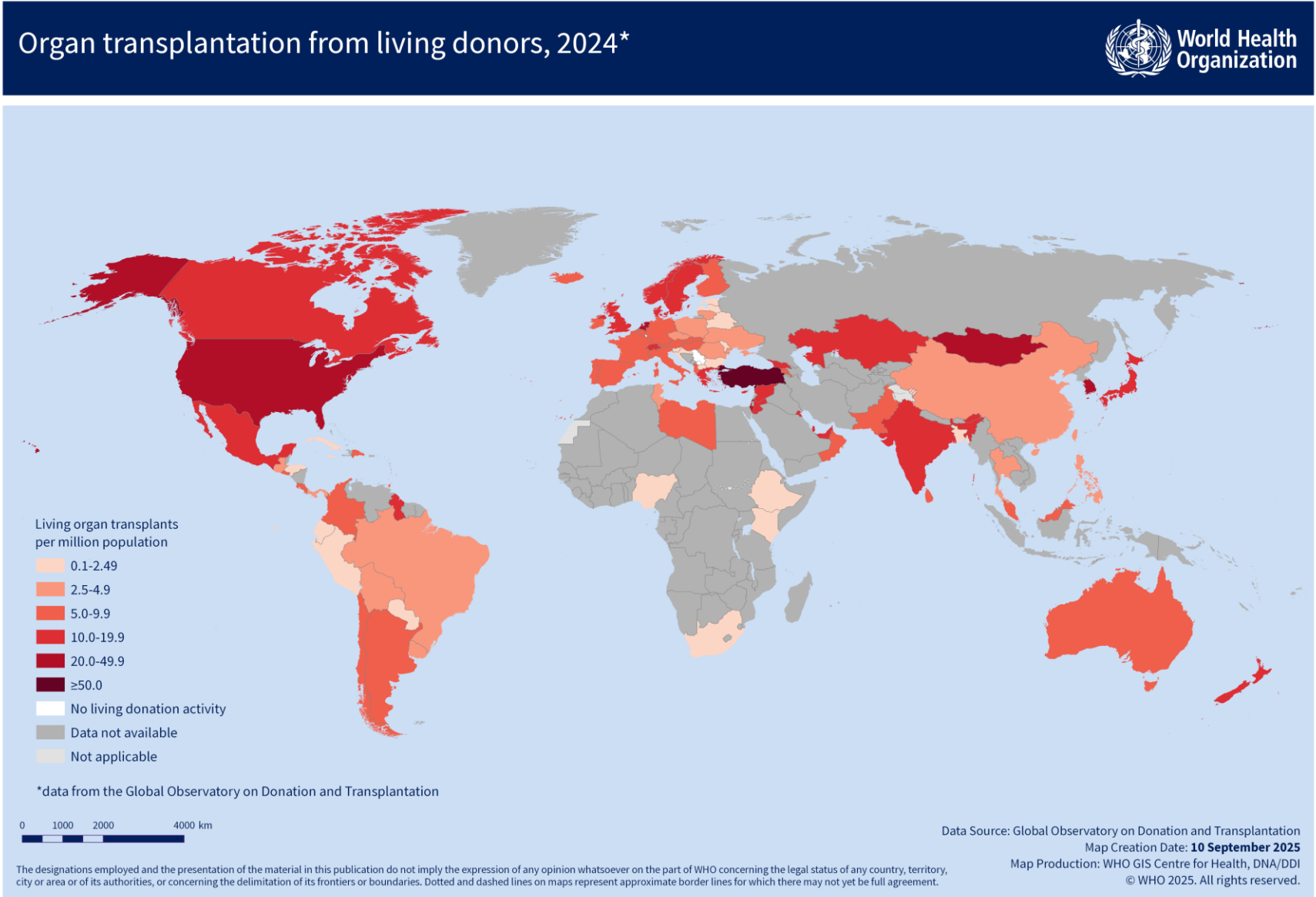
52/92 countries provided information
on refusals to deceased donation
and family interviews

**Number of interviews is presented in brackets.*

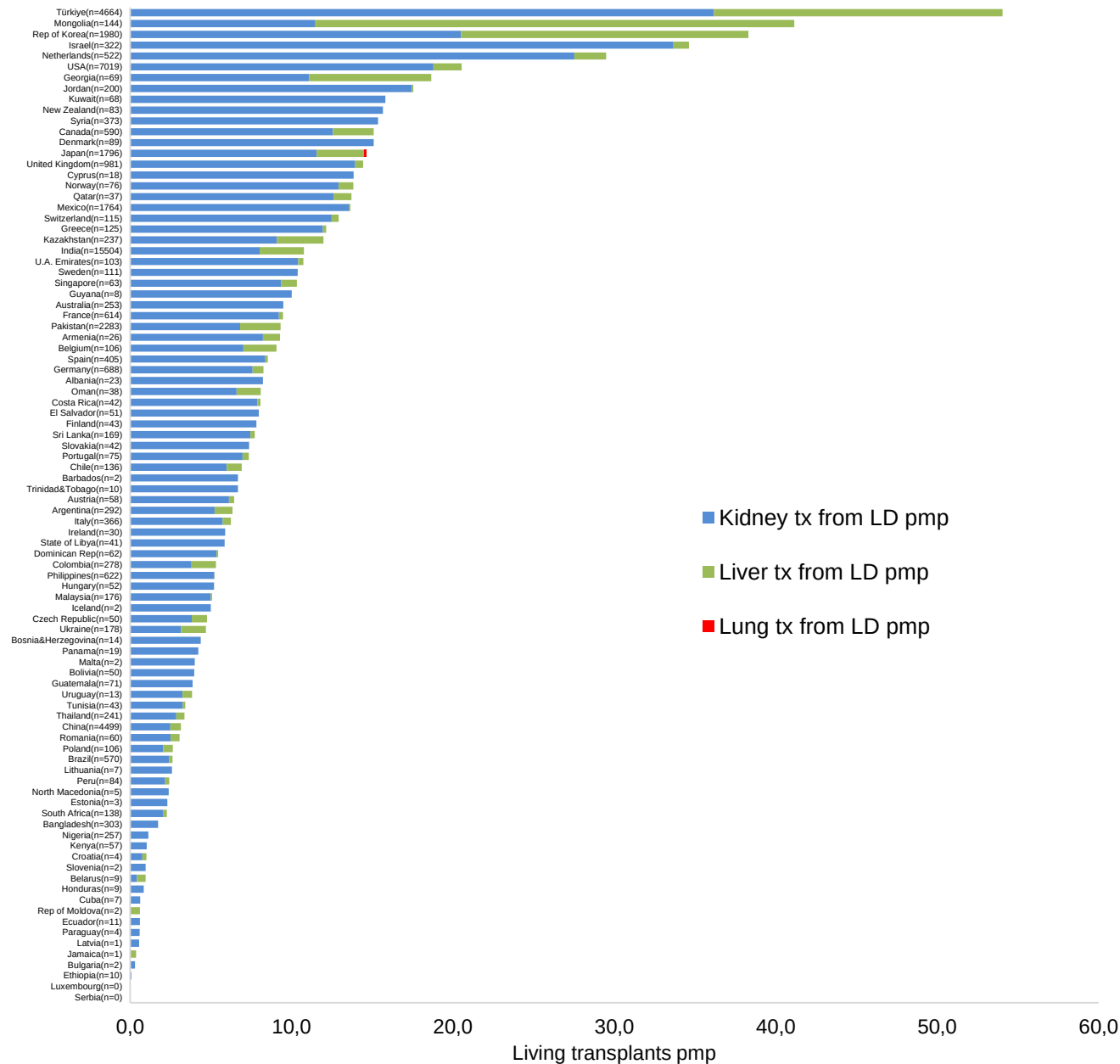
2

LIVING DONATION ACTIVITY

LIVING ORGAN DONORS (PMP) YEAR 2024



TRANSPLANTS FROM LIVING DONORS BY ORGAN TYPE (PMP) 2024



Total number of living donor
transplants:

40 995 kidney transplants
9 865 liver transplants
18 lung transplants

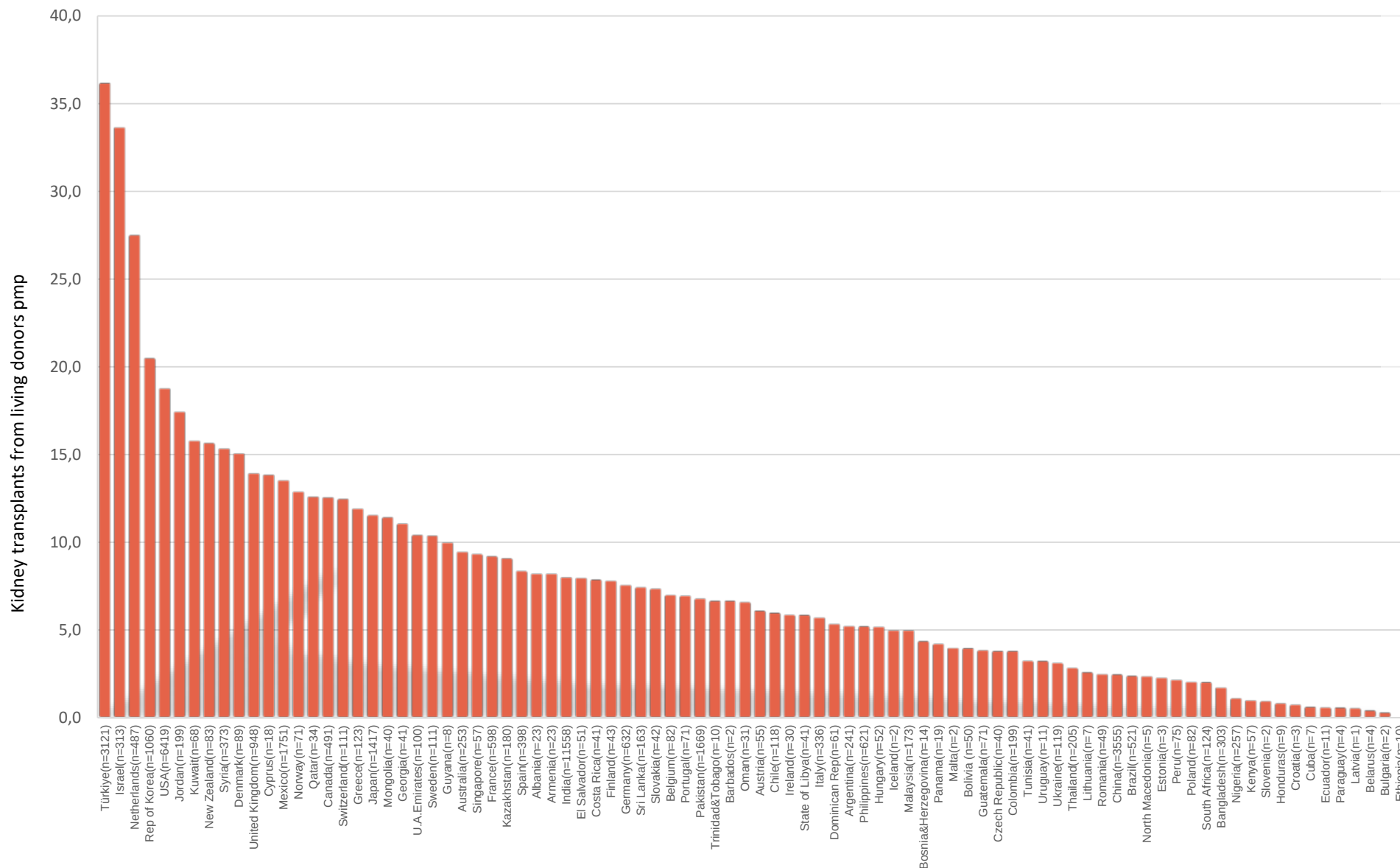
Living transplants performed
in 90/92 countries

KIDNEY TRANSPLANTS FROM LIVING DONORS (PMP) 2024



40 995 living donor kidney transplants

Living donor kidney transplants performed in 90/92 countries

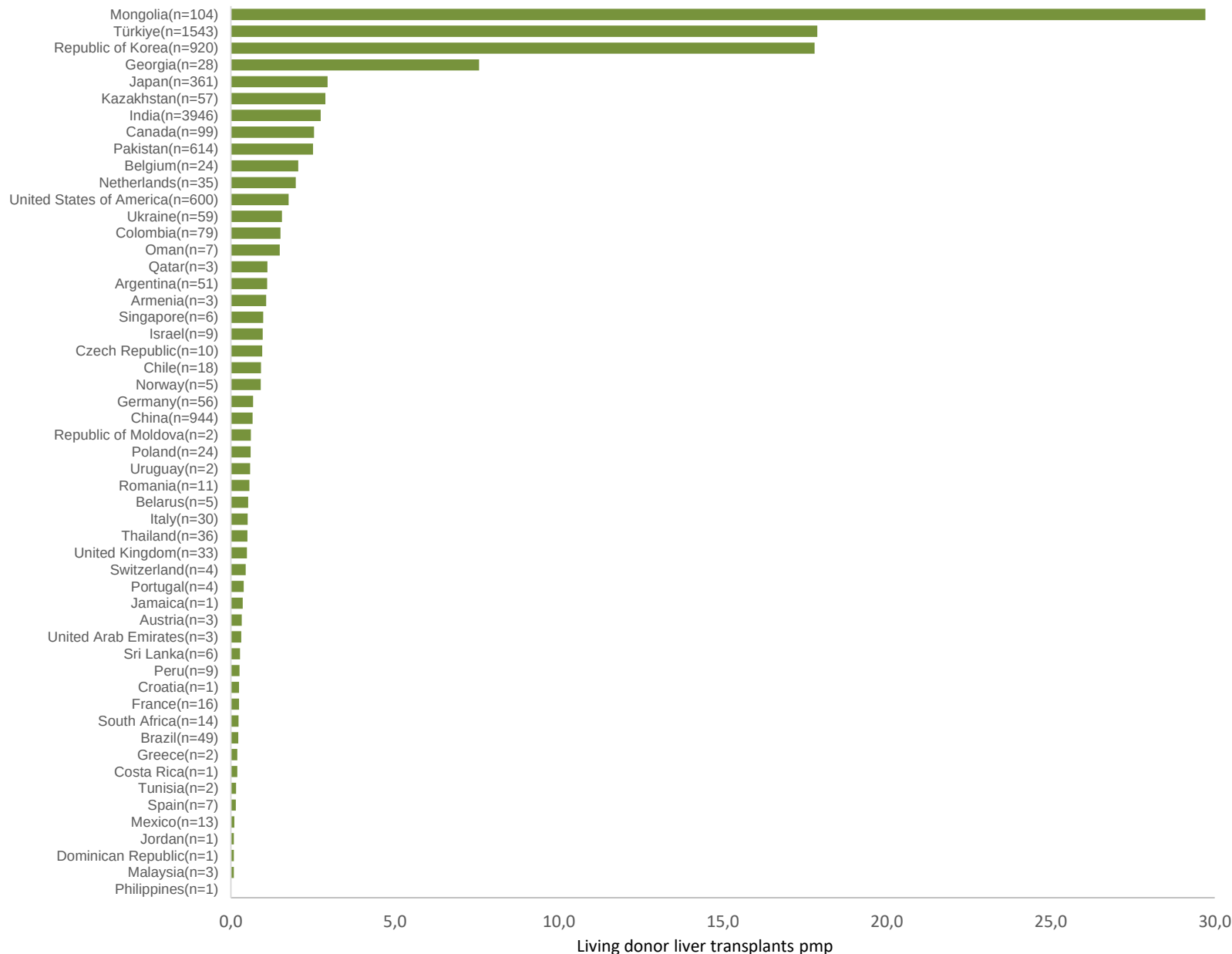


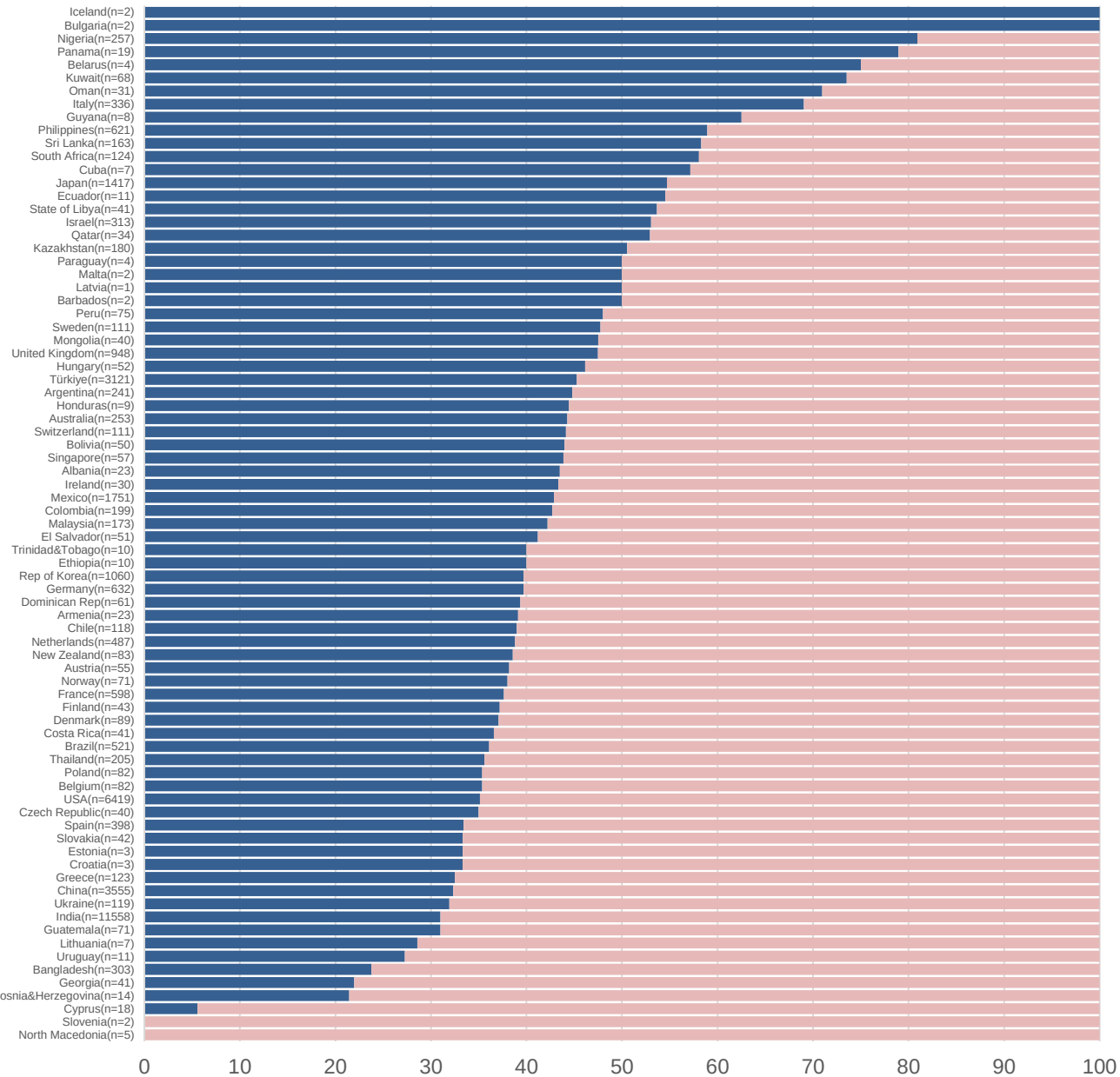
LIVER TRANSPLANTS FROM LIVING DONORS (PMP) 2024



**9865 living donor
liver transplants**

**Living donor liver transplants
performed in 53/92 countries**





LIVING KIDNEY DONORS BY DONOR SEX (%) 2024

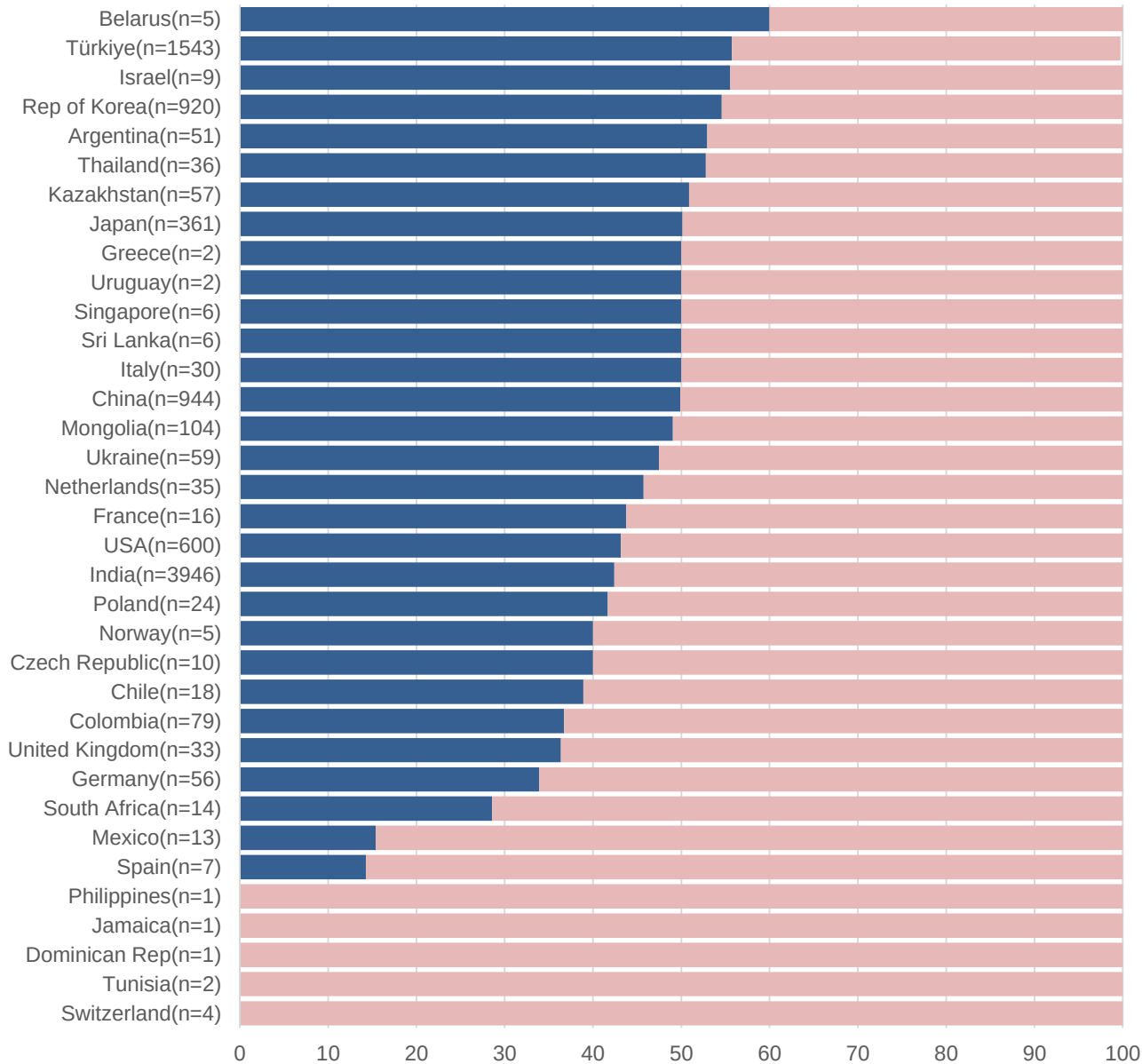
■ % Male Kidney LD
■ % Female Kidney LD



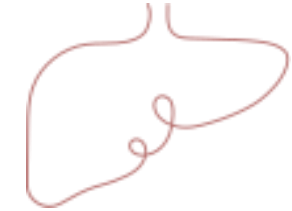
14 404 (38%) male kidney living donors
23 542 (62%) female kidney living donors

**79/92 countries provided information on
living kidney donor sex**

LIVING LIVER DONORS BY DONOR SEX (%) 2024



■ % Male Liver LD
■ % Female Liver LD



4334 (47%) male living liver donors
4796 (53%) female living liver donors

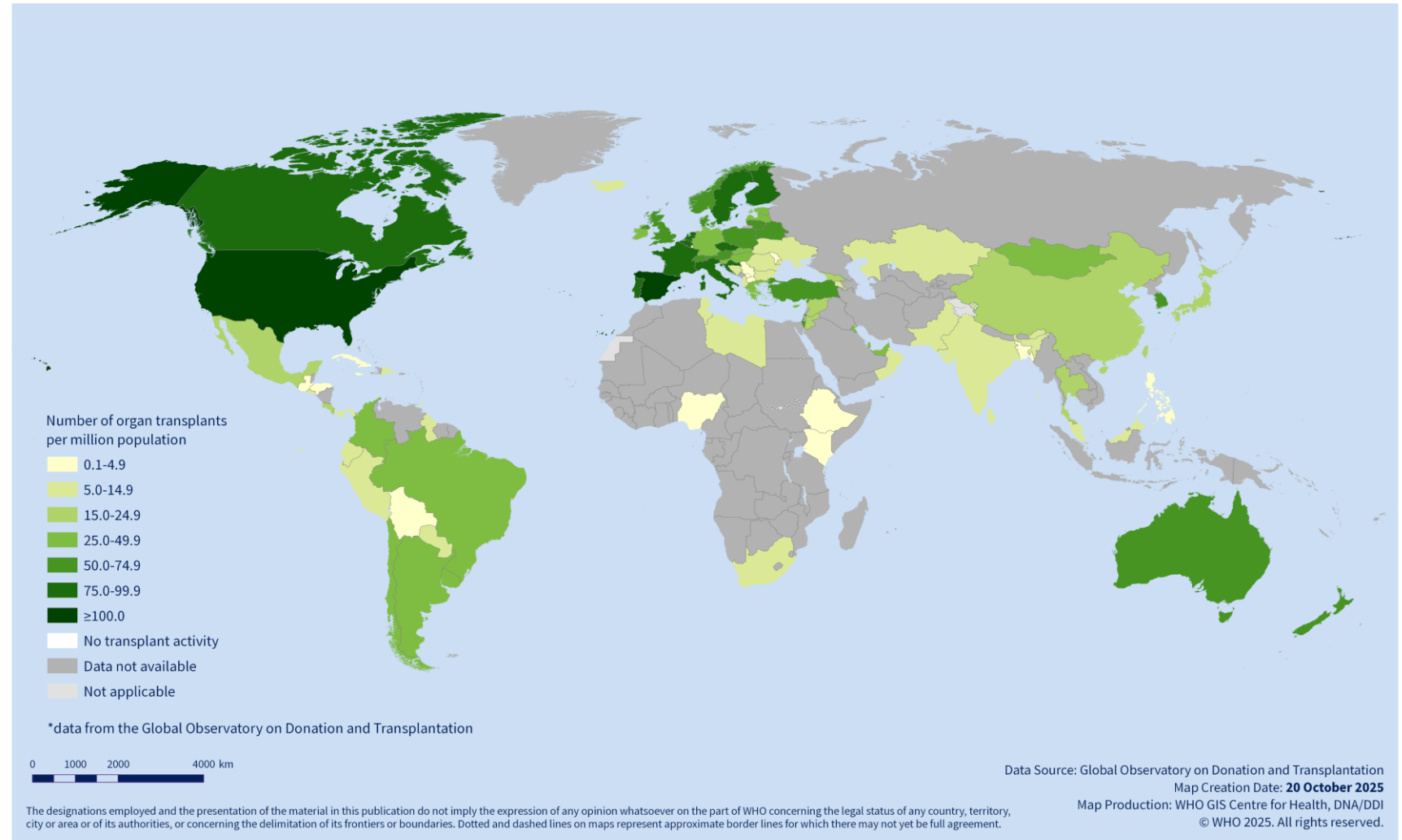
**48/92 countries provided information on
living liver donor sex**

3

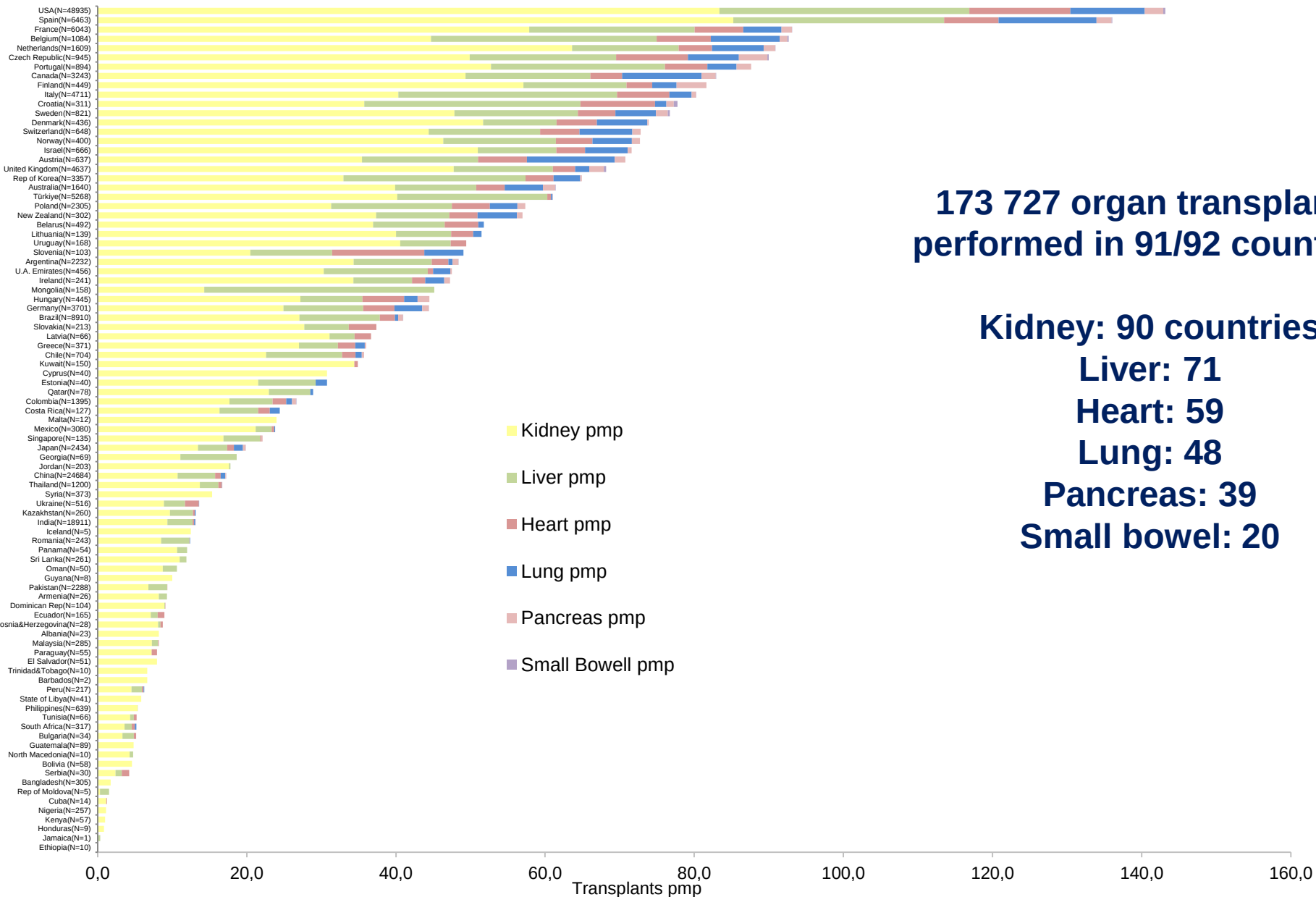
GLOBAL ORGAN TRANSPLANT ACTIVITY

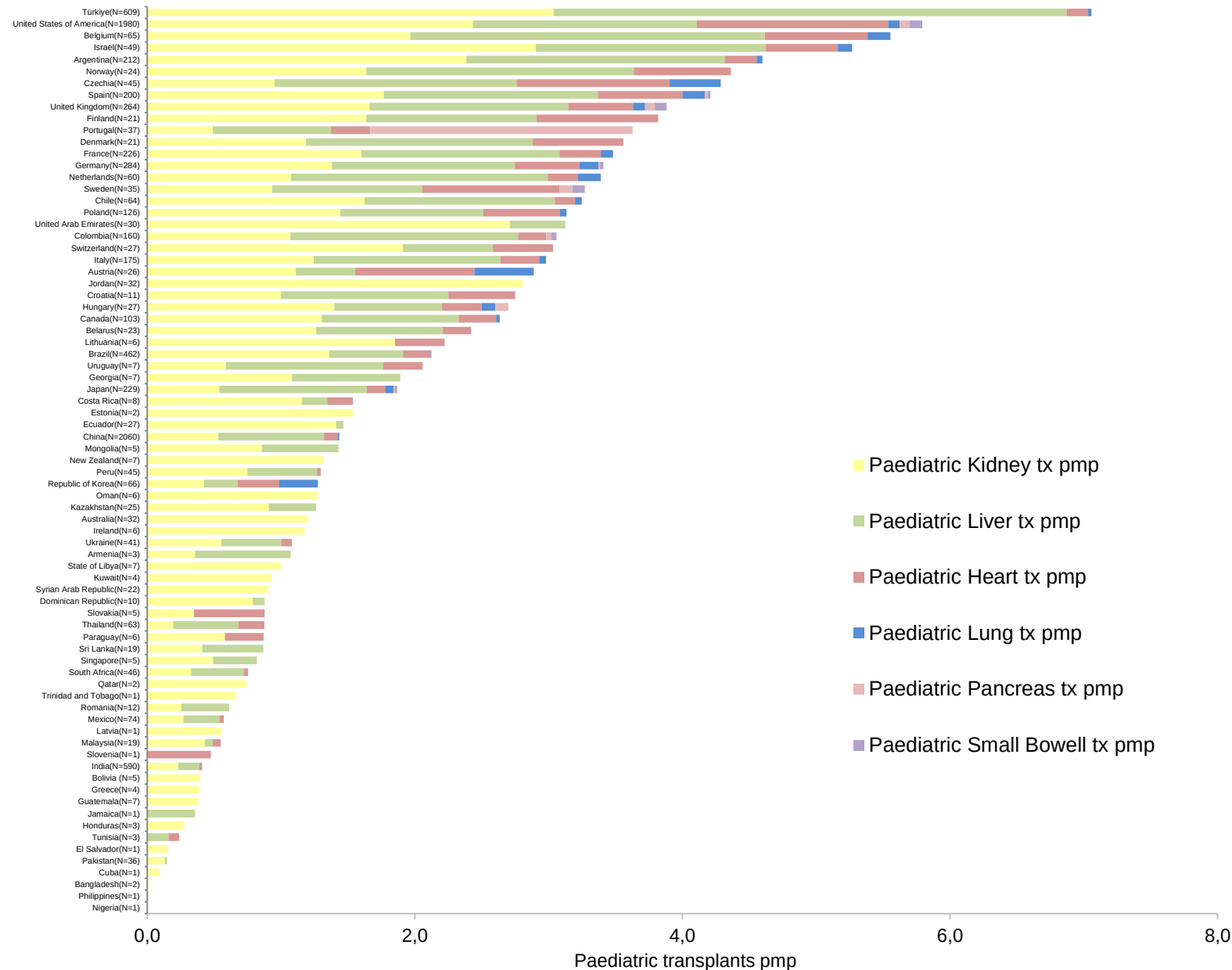
SOLID ORGAN TRANSPLANTS (PMP)

YEAR 2024



TRANSPLANT
ACTIVITY BY
ORGAN TYPE
(PMP)
2024

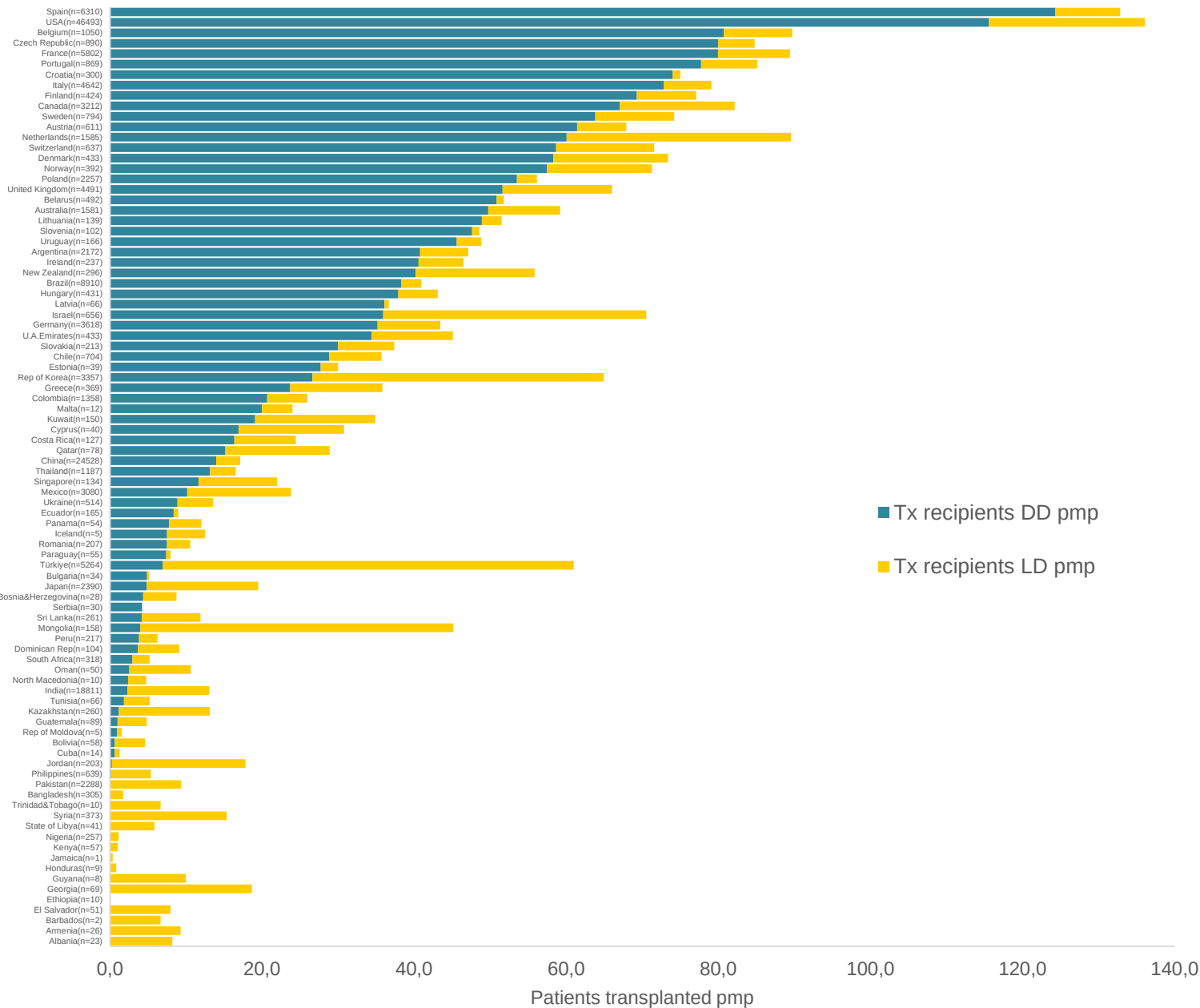




PAEDIATRIC TRANSPLANT ACTIVITY BY ORGAN TYPE (PMP)

2024

8 932 paediatric organ
transplants performed in 77/92
countries



PATIENTS TRANSPLANTED BY DONOR TYPE* (PMP) 2024

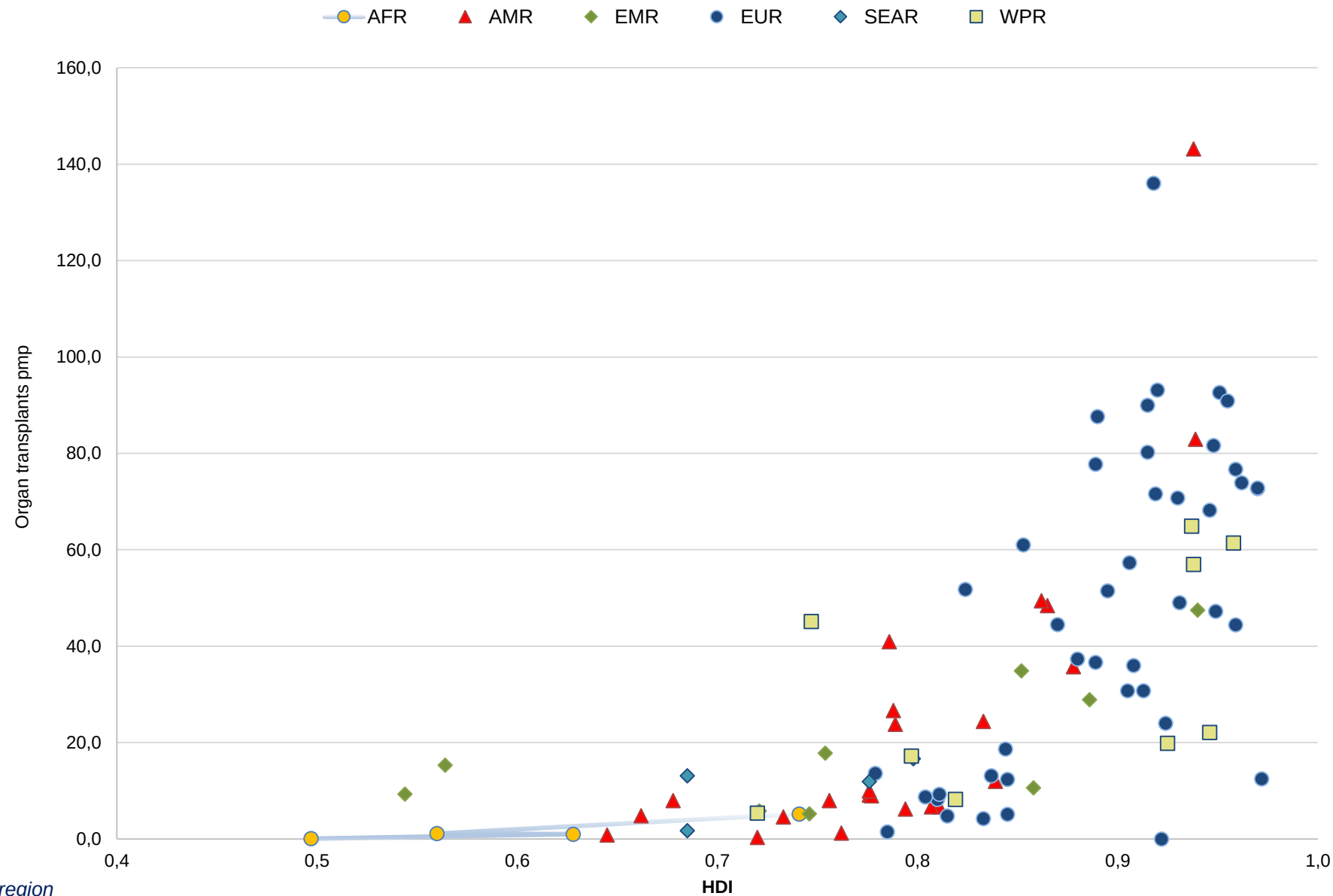
169 406 patients transplanted
in 90/92 countries

**A recipient of more than one organ is counted as one recipient; therefore, the number of patients transplanted is smaller than the number of organs transplanted*

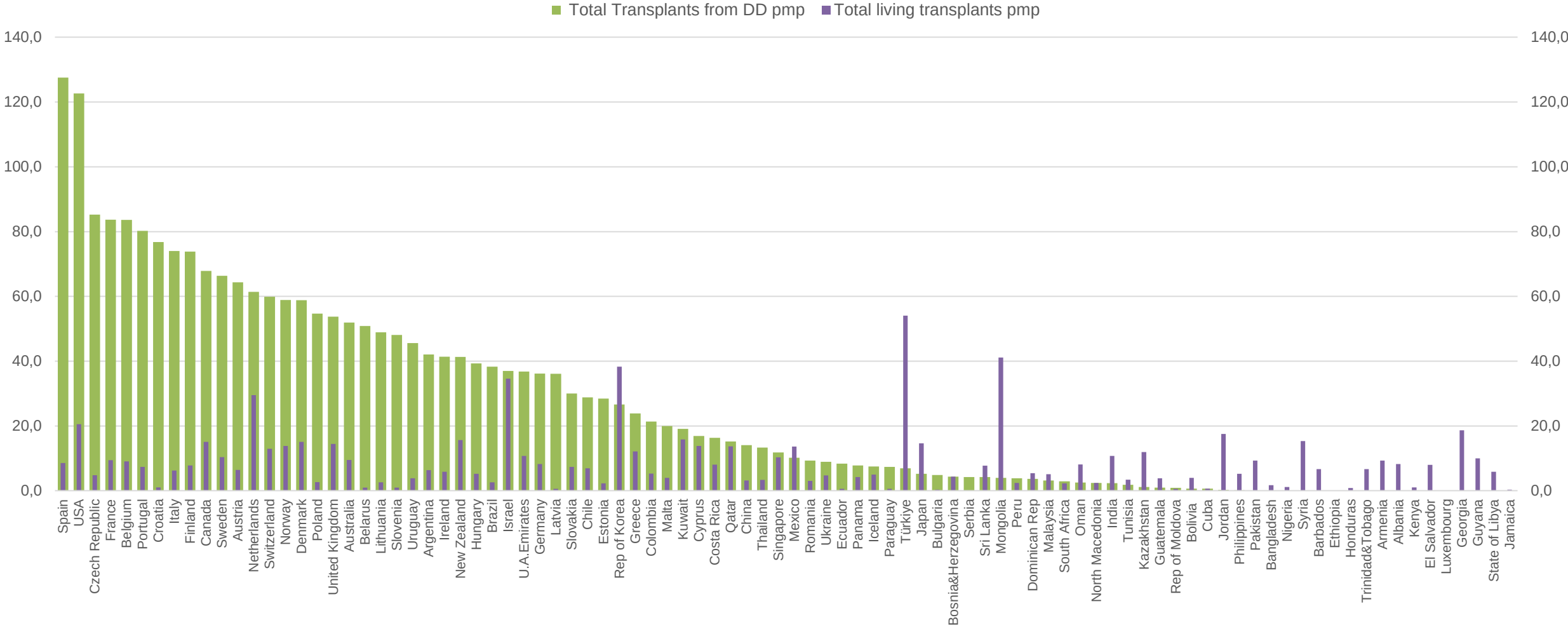
ORGANS TRANSPLANTED PMP IN RELATION TO THE HUMAN DEVELOPMENT INDEX (HDI) 2024

WHO Regions:

- African Region (AFR)
- Region of the Americas (AMR)
- Eastern Mediterranean Region (EMR)
- European Region (EUR)
- South-East Region (SEAR)
- Western Pacific Region (WPR)



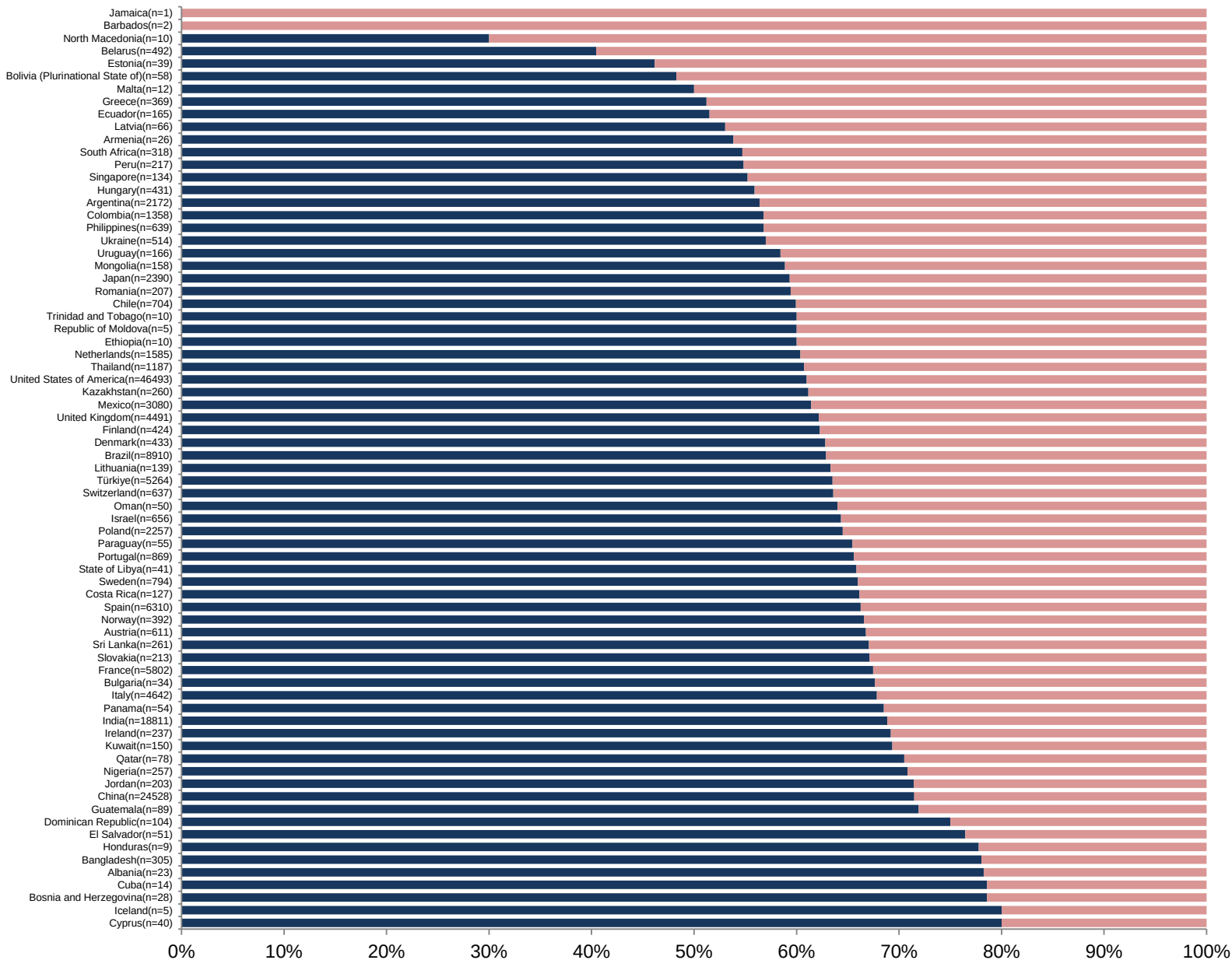
TRANSPLANTS FROM DECEASED PERSONS VS TRANSPLANTS FROM LIVING PERSONS (PMP). YEAR 2024



PATIENTS TRANSPLANTED BY SEX (%) 2024

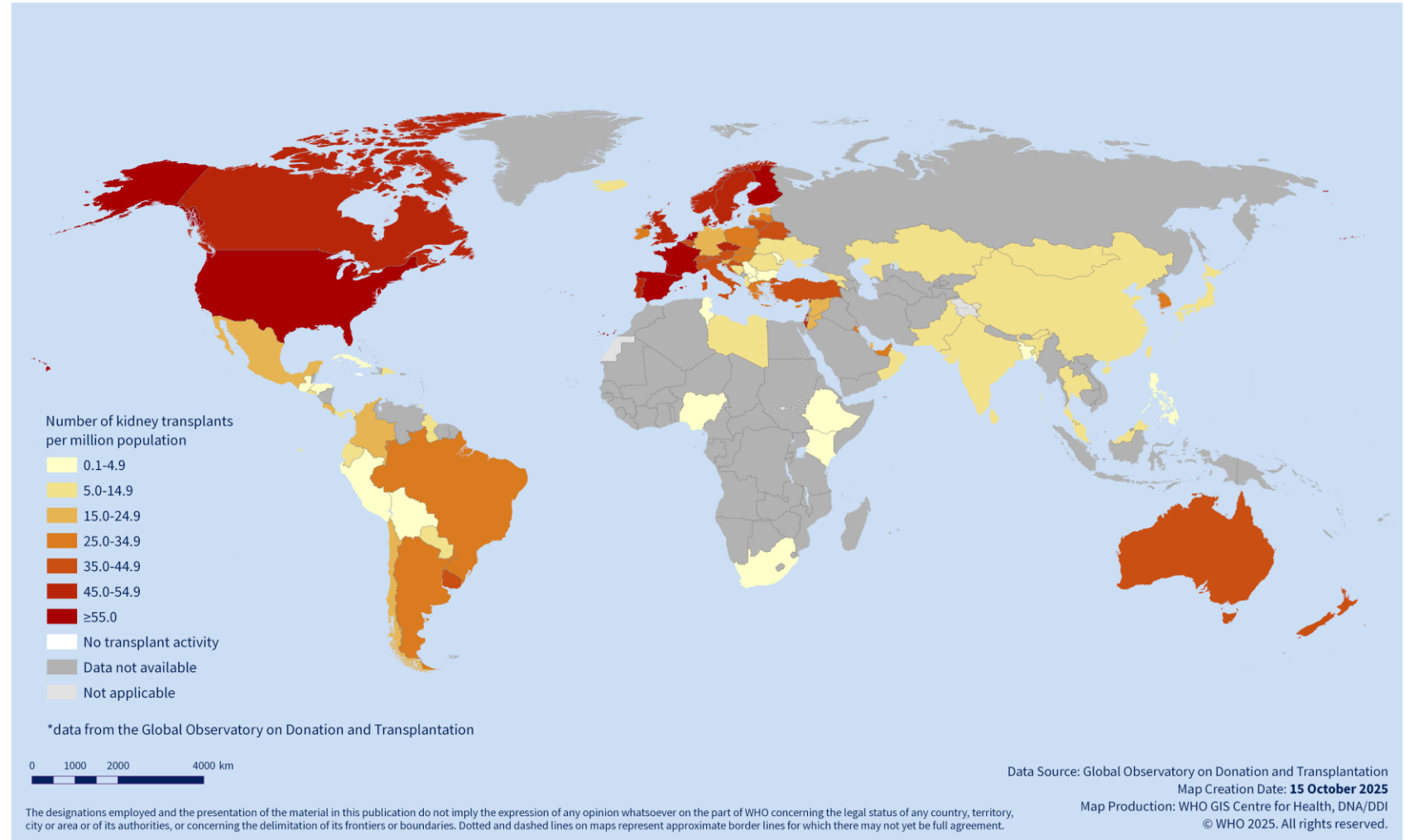
97 939 (64%) males
53 735 (36%) females

73/92 countries provided information
on the sex of recipients



KIDNEY TRANSPLANTS (PMP)

YEAR 2024



KIDNEY TRANSPLANTS (PMP). YEAR 2024



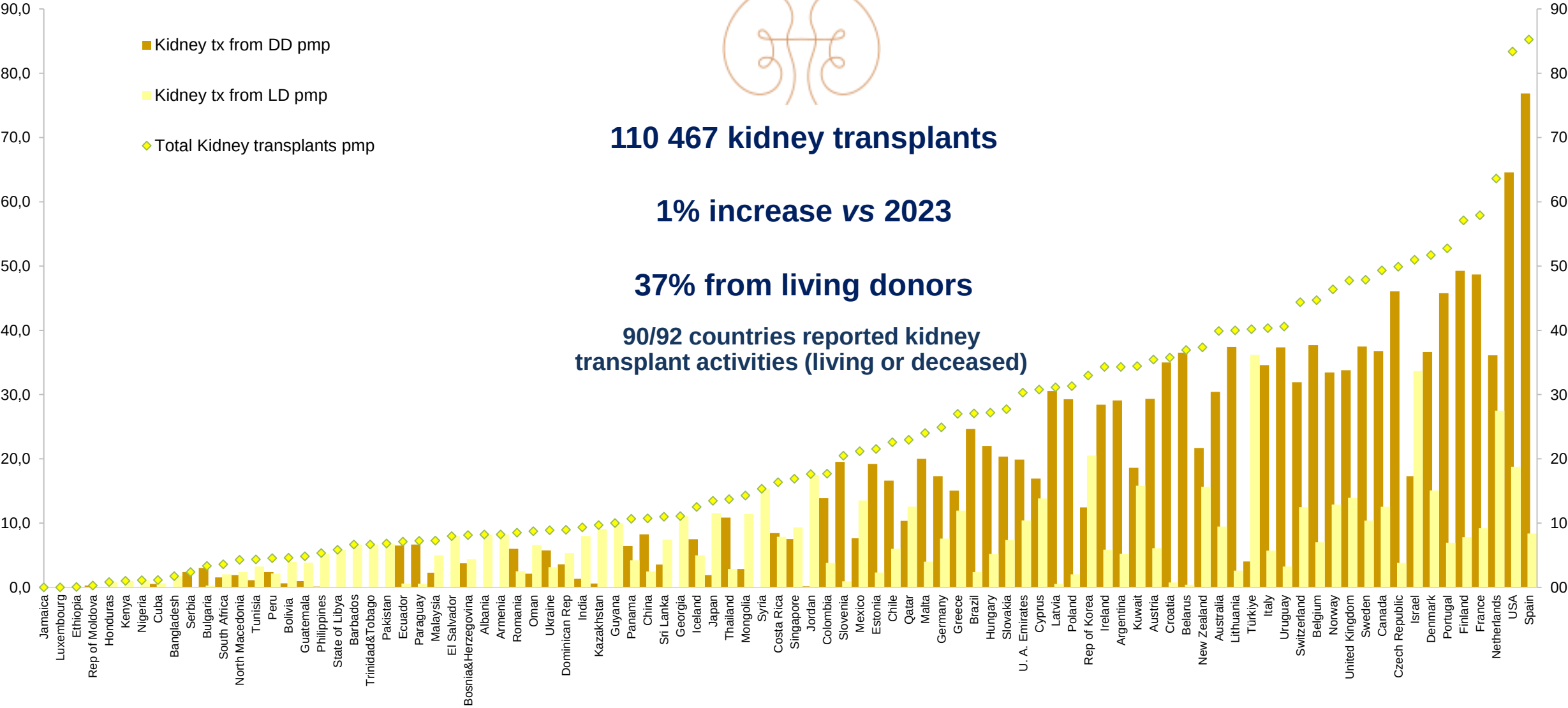
110 467 kidney transplants

1% increase vs 2023

37% from living donors

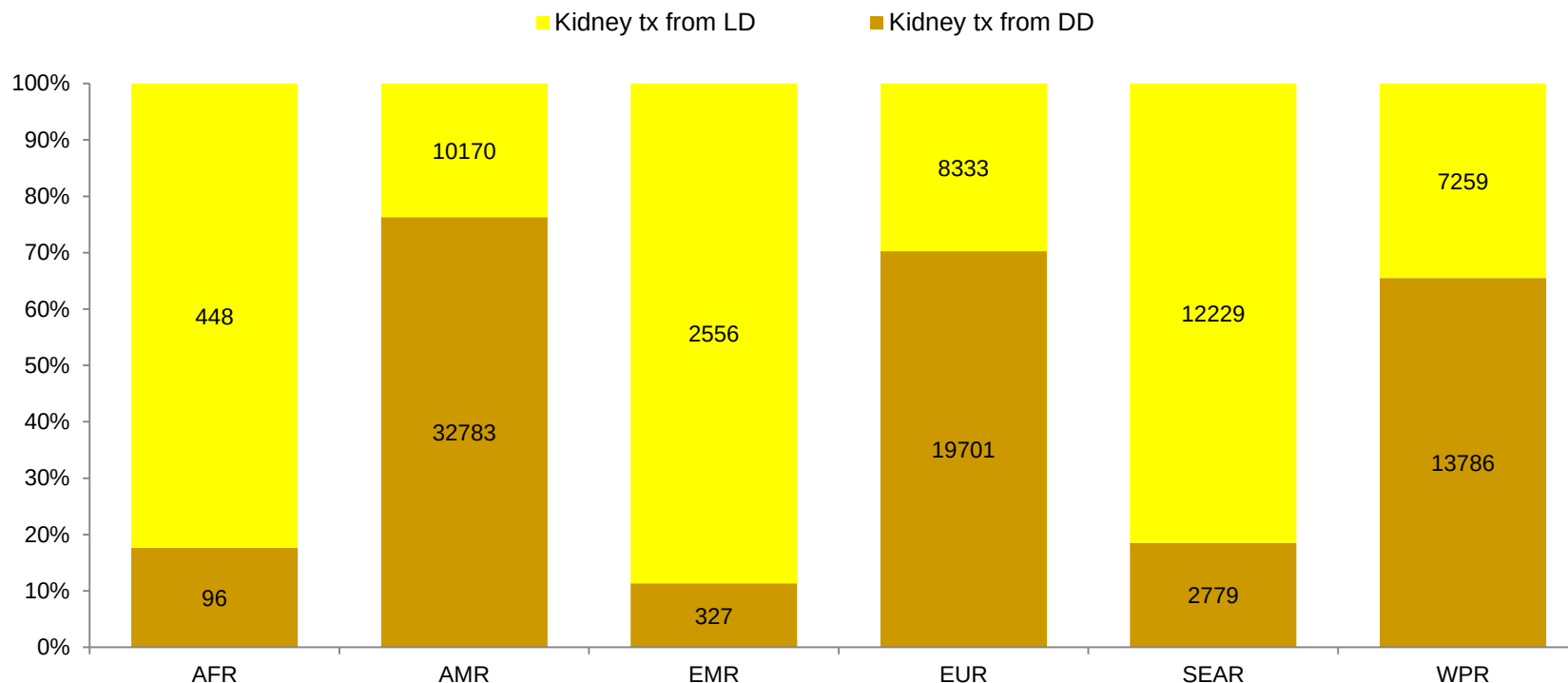
90/92 countries reported kidney transplant activities (living or deceased)

- Kidney tx from DD pmp
- Kidney tx from LD pmp
- Total Kidney transplants pmp





KIDNEY TRANSPLANTS BY WHO REGIONS 2024

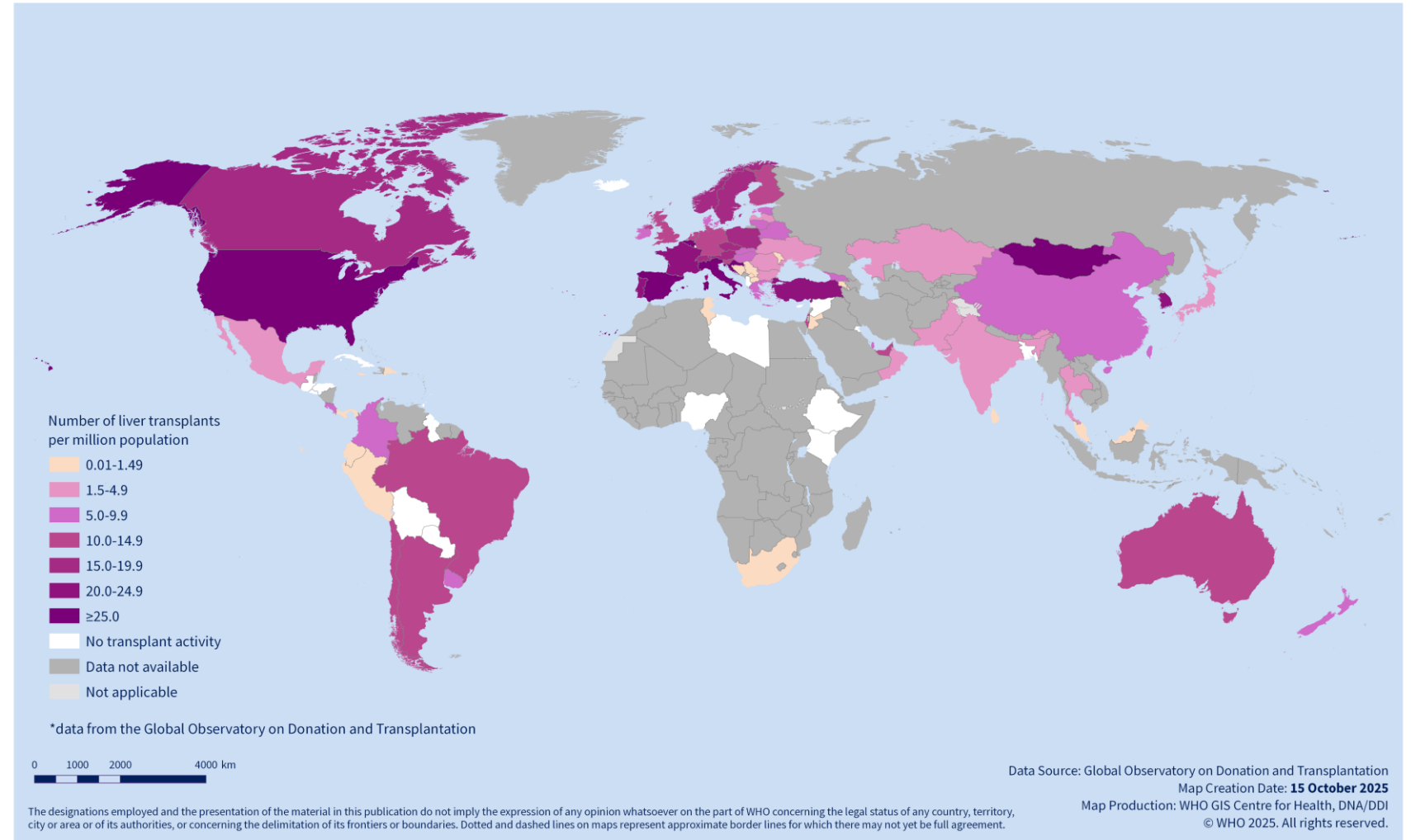


KIDNEY TX, absolute number (pmp)*	544 (1.1)	42 953 (43.2)	2 883 (9.0)	28 034 (39.0)	15 008 (8.8)	21 045 (11.7)
% from deceased donors	18	76	11	70	19	66
Countries with kidney tx activity/ countries reporting to the GODT (total countries in the region)	4/4 (46)	22/23 (35)	9/9 (22)	42/43 (53)	4/4 (11)	9/9 (27)
Kidney tx centres (millions inhabitants/centre)*	36 (13.2)	912 (1.1)	90 (3.6)	422 (1.7)	703 (2.4)	445 (4.1)

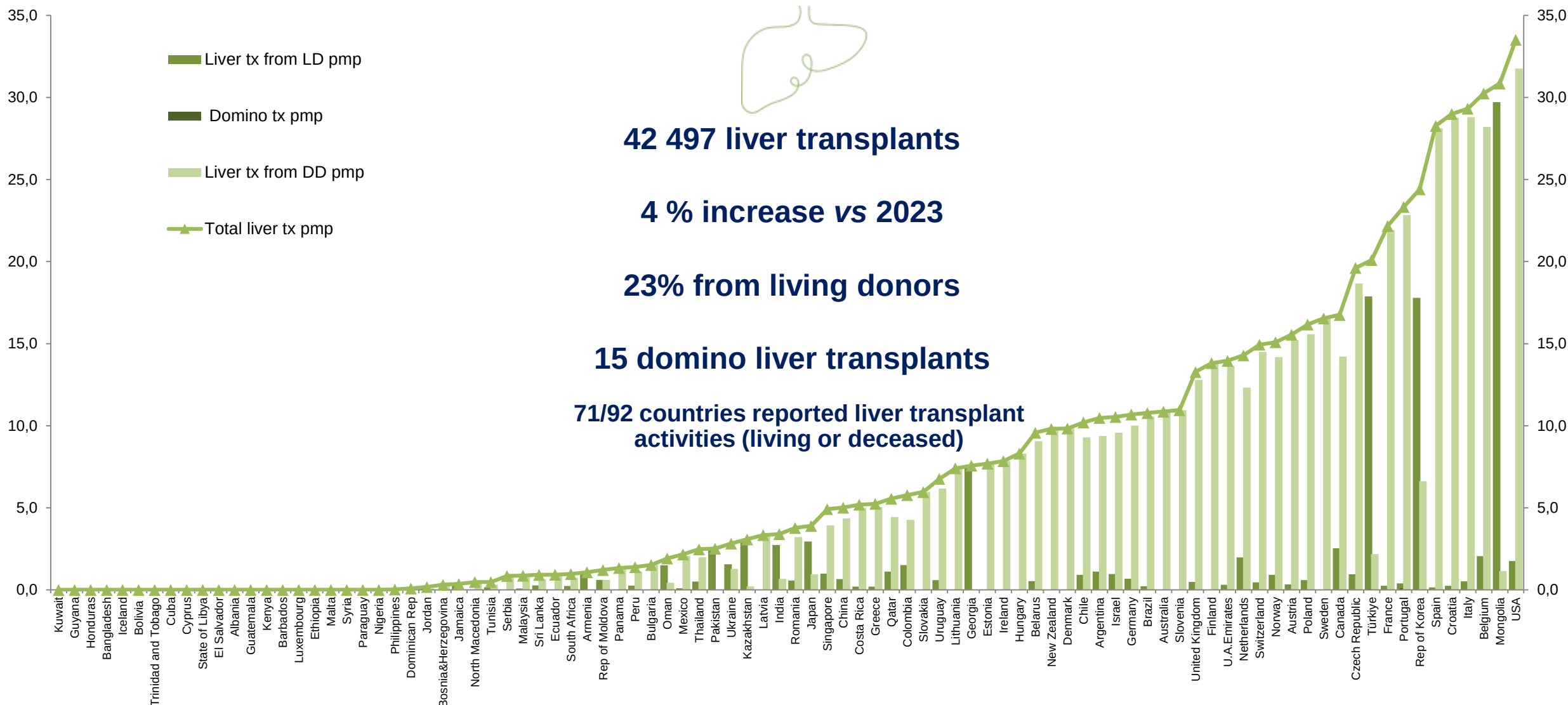
*Rates (pmp) and Millions inhabitants per transplant centre are calculated by applying the population of the **responding** countries

LIVER TRANSPLANTS (PMP) YEAR 2024

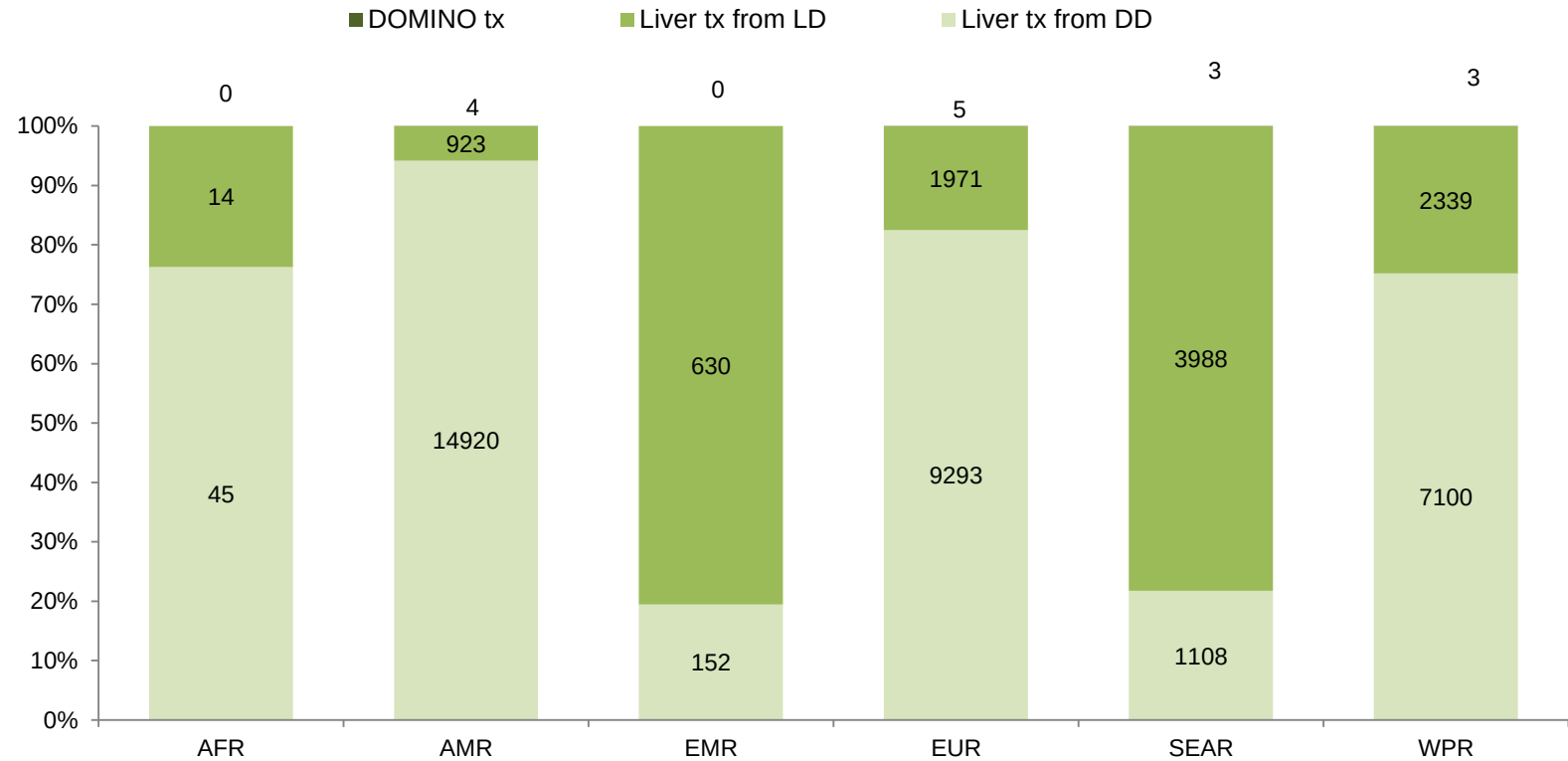
Liver transplantation activities, 2024*



LIVER TRANSPLANTS (PMP). YEAR 2024



LIVER TRANSPLANTS BY WHO REGIONS 2024

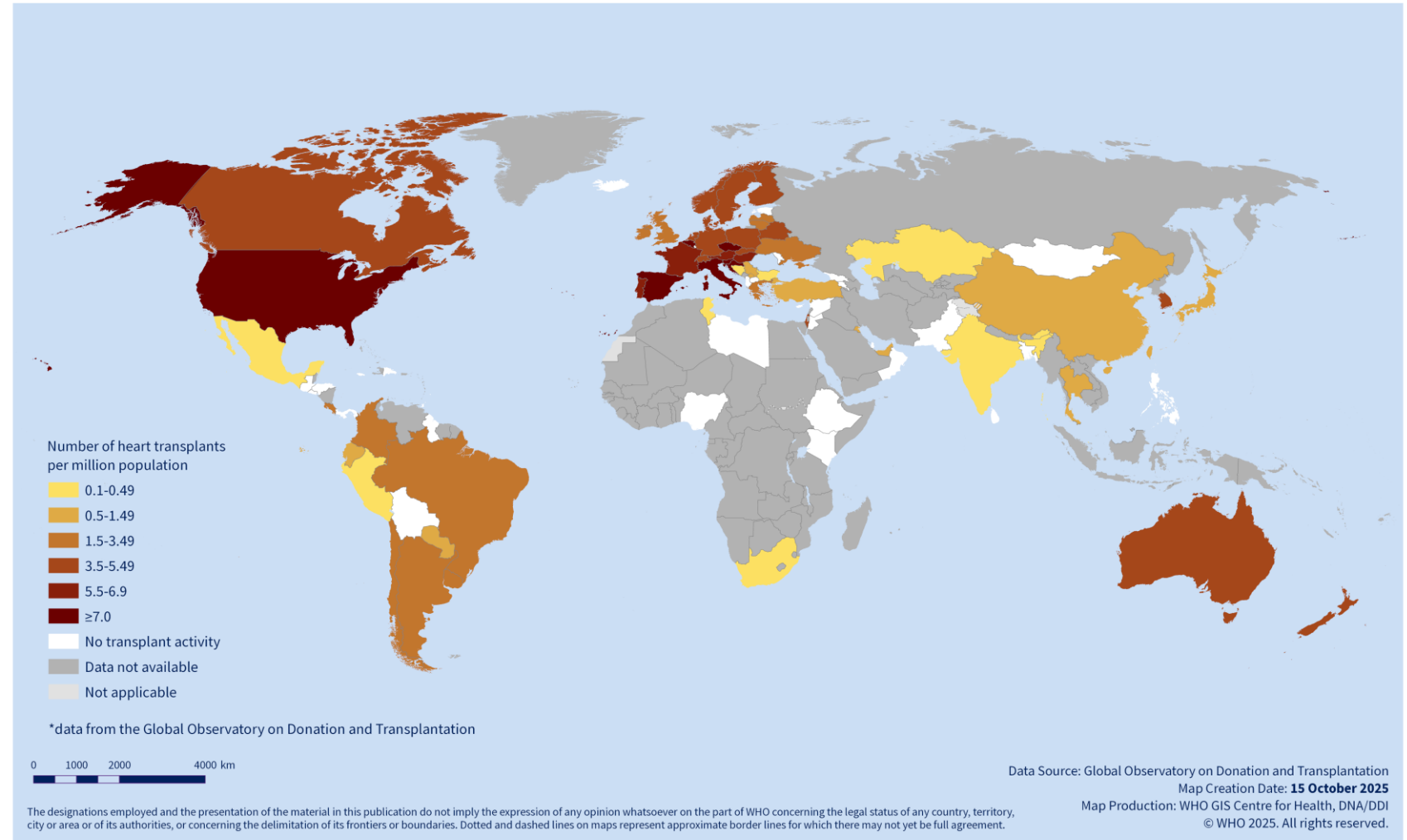


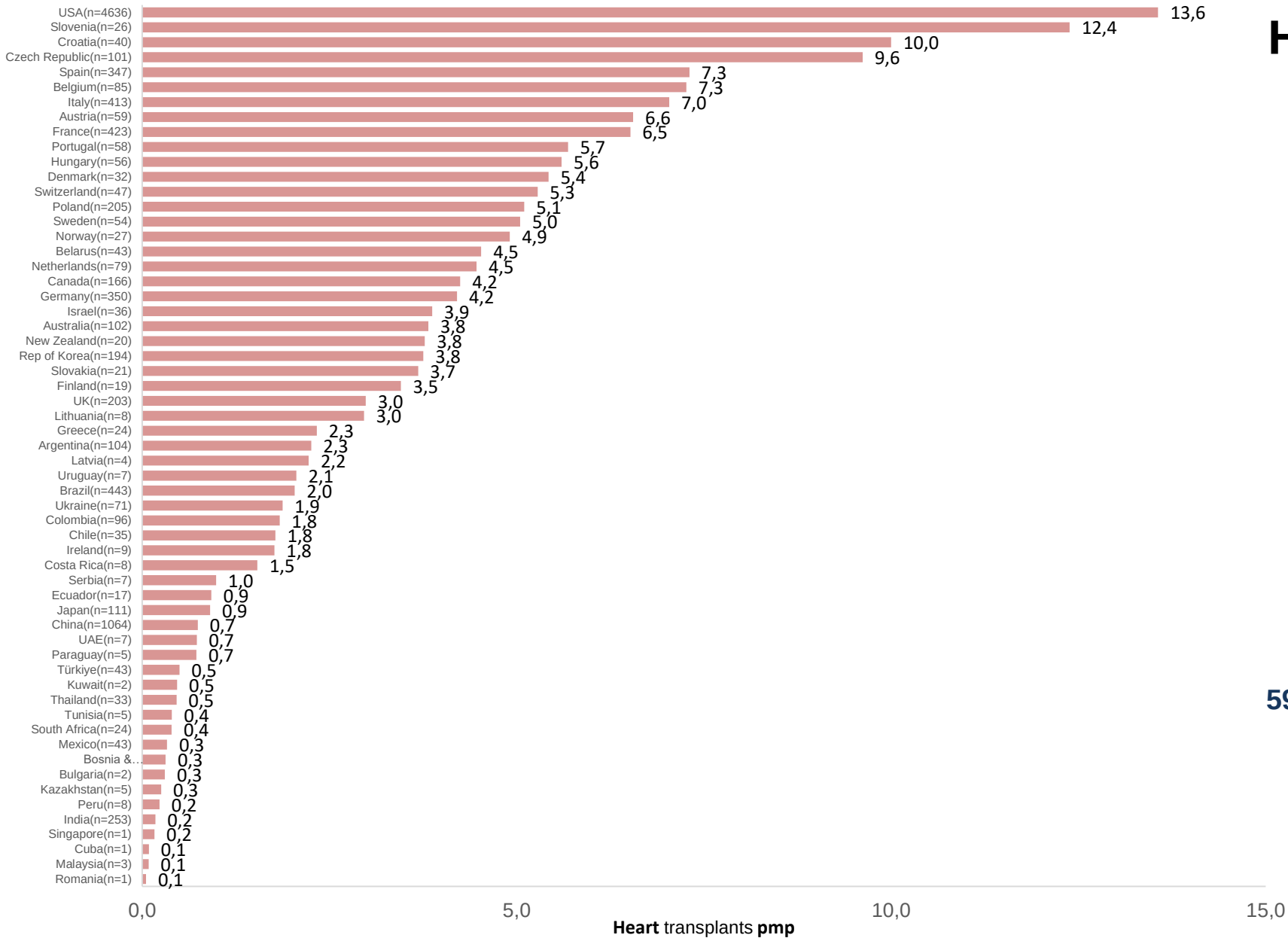
Liver Tx, absolute number (pmp)*	59 (0.1)	15 847 (15.9)	782 (2.4)	11269 (15.7)	5099 (3.0)	9442 (5.2)
% from deceased donors	0	94	19	82	22	75
Countries with liver tx activity/countries reporting to the GODT (total countries in the region)	1/4 (46)	14/23 (35)	6/9 (22)	38/43 (53)	3/4 (11)	9/9 (27)
Liver tx centres (millions inhabitants/centre)*	4 (119.0)	420 (2.4)	20 (16.1)	227 (3.2)	250 (6.8)	238 (7.6)

*Rates (pmp) and Millions inhabitants per transplant centre are calculated by applying the population of the **responding** countries

HEART TRANSPLANTS (PMP) YEAR 2024

Heart transplantation activities, 2024*





HEART TRANSPLANTS PER MILLION POPULATION (PMP) 2024

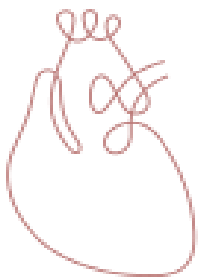


10 287 Heart Transplants

2 % increase vs 2023

**59/92 countries reported heart transplant
activities in 2024**

HEART TRANSPLANTS BY WHO REGIONS 2024

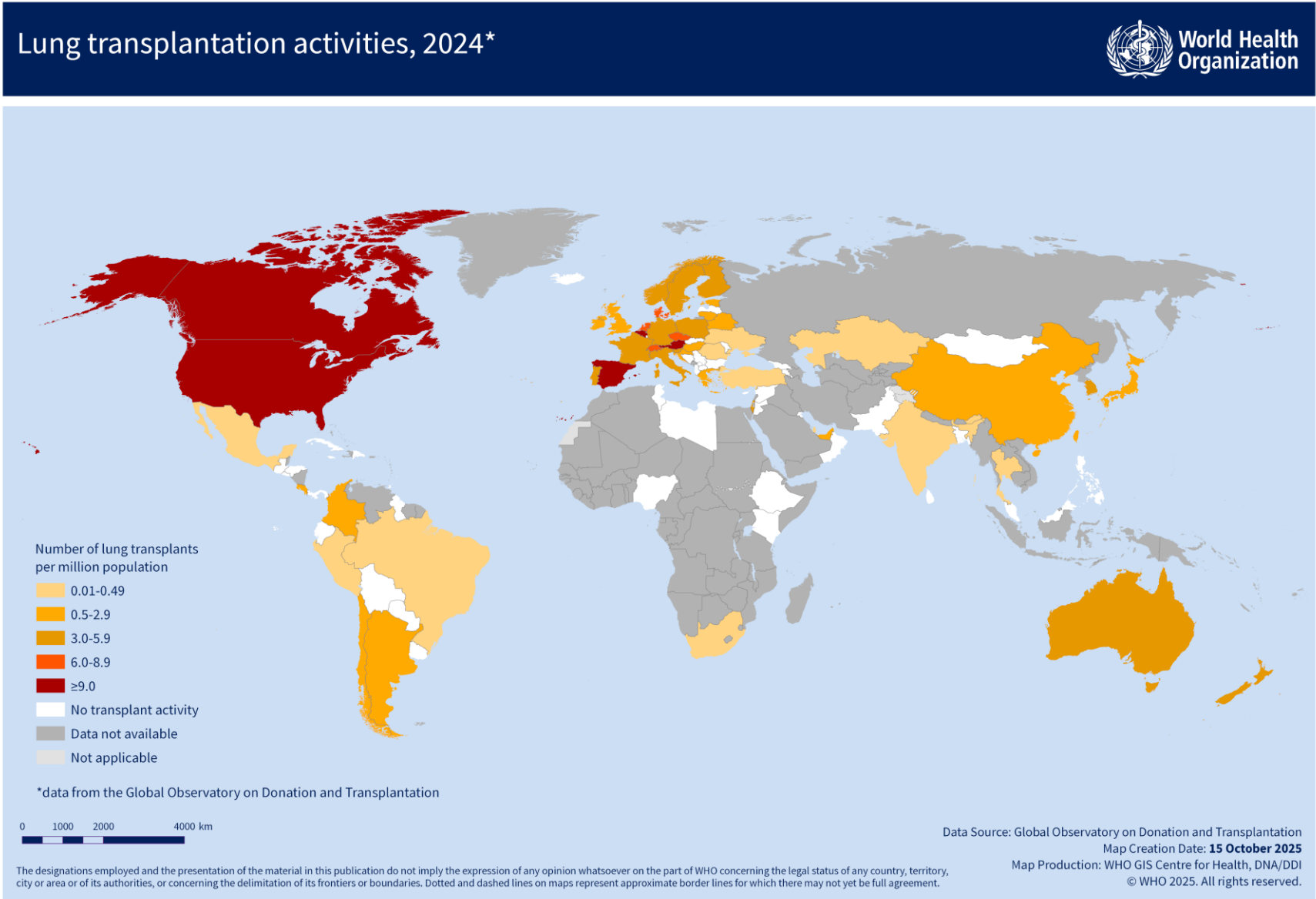


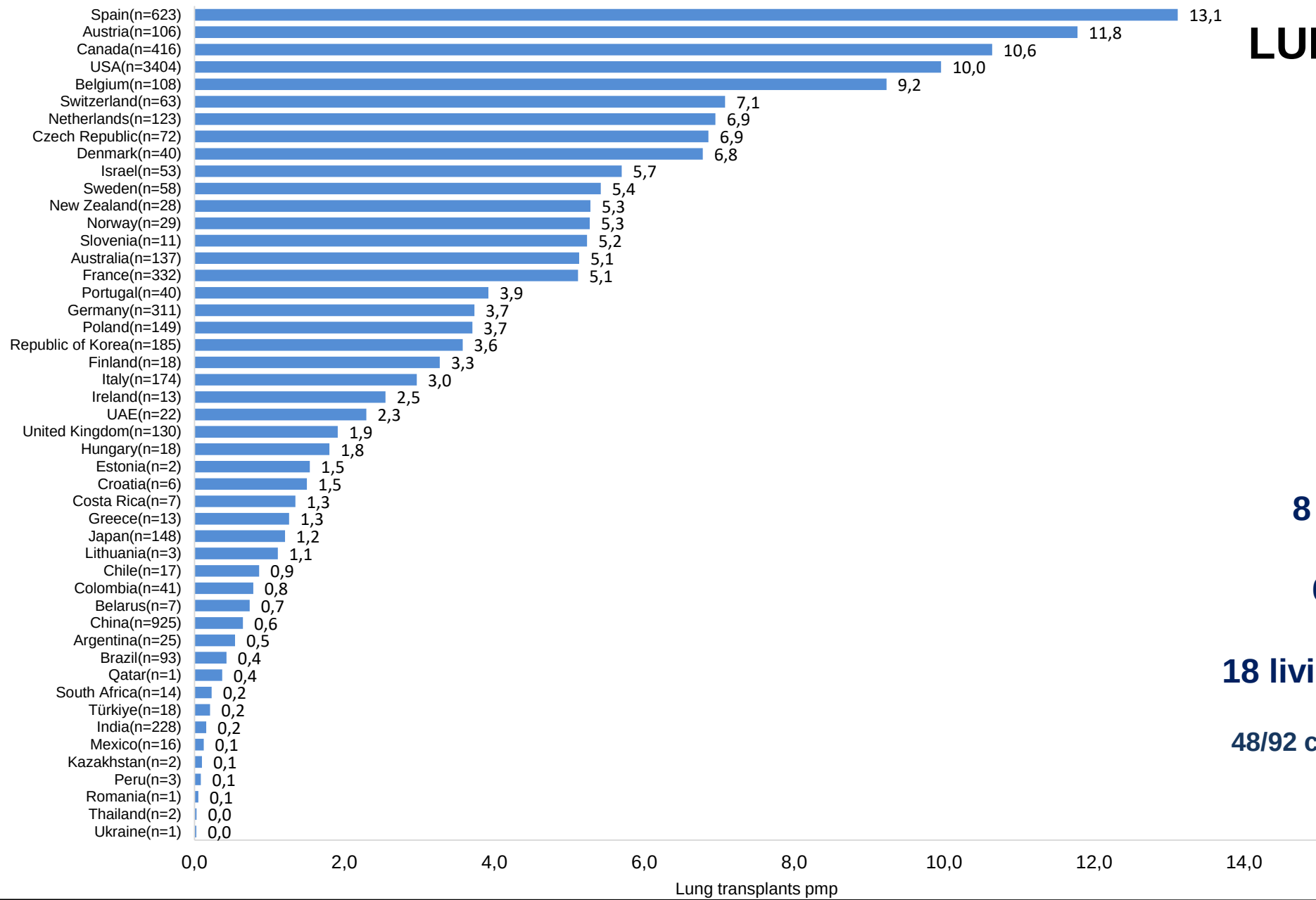
WHO Region	Heart transplants (pmp)*	Paediatric Heart transplants (pmp) (<18 years)	Countries with any heart tx activity/countries reporting to GODT (countries in the region)	Heart transplant centres (million inhabitants/centre)**
AFR	24 (0.1)	2 (0.0)	1/4 (46)	5 (95.2)
AMR	5 569 (5.6)	579 (0.6)	13/23 (35)	350 (2.8)
EMR	14 (0.0)	1 (0.0)	3/9 (22)	8 (40.2)
EUR	2 899 (4.0)	261 (0.4)	33/43 (53)	168 (4.3)
SEAR	286 (0.2)	43 (0.0)	2/4 (11)	170 (10.1)
WPR	1 495 (0.8)	183 (0.1)	7/9 (27)	132 (13.7)

**Rates (pmp) are calculated by applying the population of the responding countries*
*** Million inhabitants per transplant centre are calculated by applying the population of the responding countries*

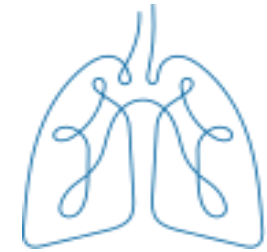
LUNG
TRANSPLANTS
(PMP)

YEAR 2024





LUNG TRANSPLANTS PER MILLION POPULATION (PMP) 2024



8 236 Lung Transplants

6 % increase vs 2023

18 living lung transplants (0.2%)

48/92 countries reported lung transplant
activities in 2024

LUNG TRANSPLANTS BY WHO REGIONS 2024



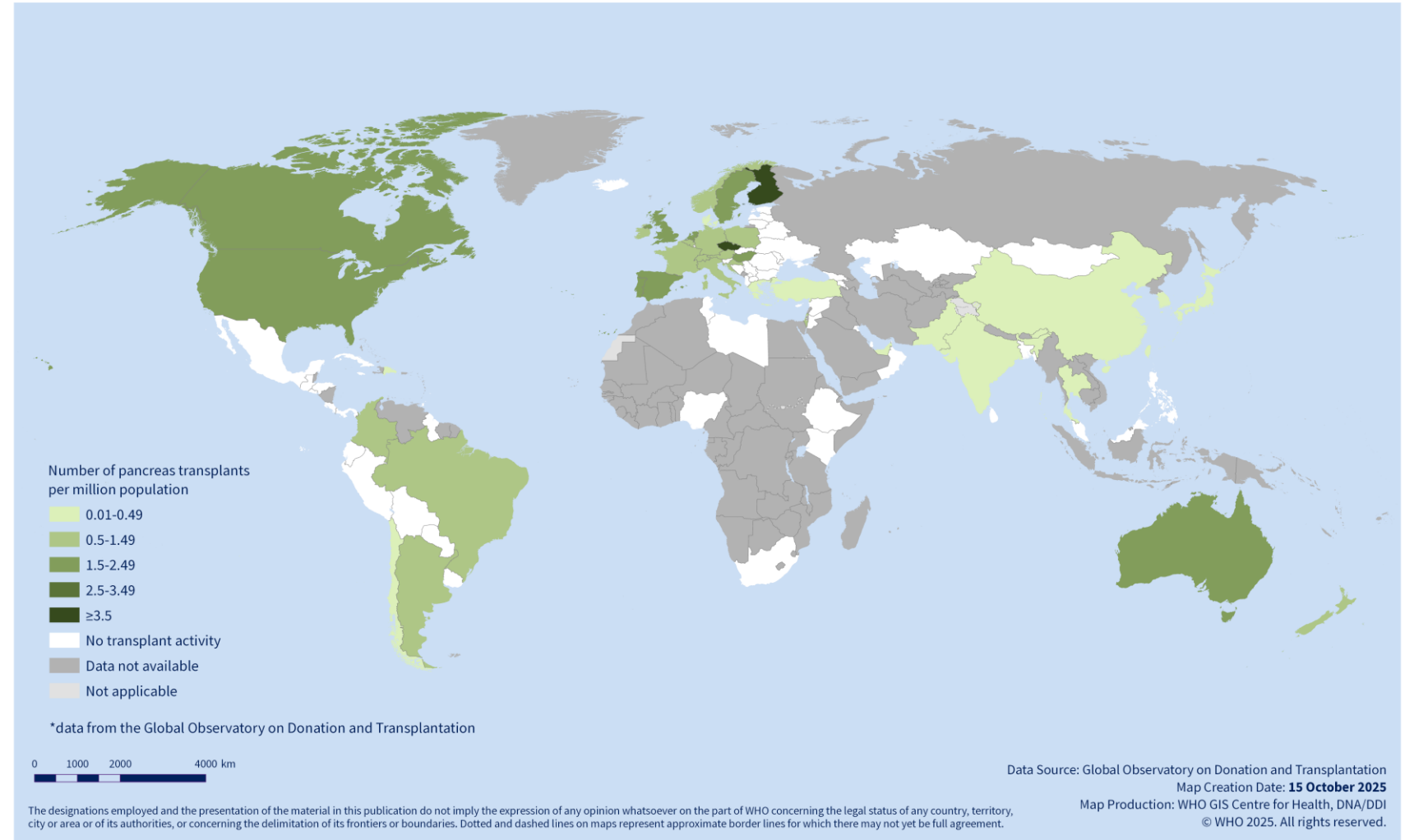
WHO Region	Lung transplants (pmp)*	Paediatric Lung transplants (pmp) (<18 years)	Countries with any lung tx activity/countries reporting to GODT (countries in the region)	Lung transplant centres (million inhabitants/centre)**
AFR	14 (0.0)	0 (0.0)	1/4 (46)	3 (158.7)
AMR	4022 (4.0)	34 (0.0)	9/23 (35)	142 (7.0)
EMR	23 (0.1)	0 (0.0)	2/9 (22)	5 (64.4)
EUR	2524 (3.5)	54 (0.1)	29/43 (53)	92 (7.8)
SEAR	230 (0.1)	1 (0.0)	2/4 (11)	95 (18.0)
WPR	1423 (0.8)	38 (0.0)	5/9 (27)	96 (18.8)

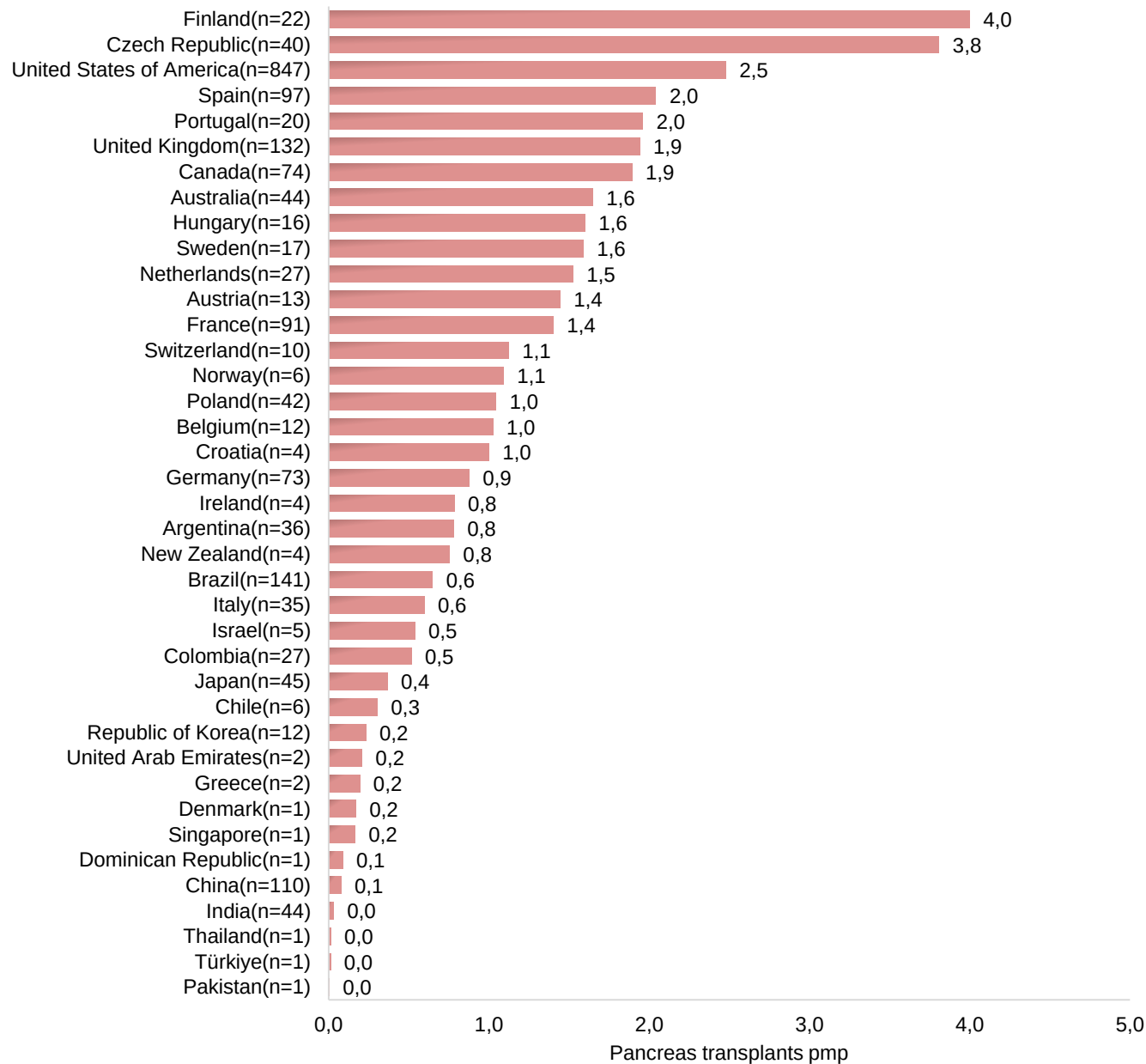
*Rates (pmp) are calculated by applying the population of the responding countries

** Million inhabitants per transplant centre are calculated by applying the population of the **responding** countries

PANCREAS TRANSPLANTS (PMP) YEAR 2024

Pancreas transplantation activities, 2024*





PANCREAS TRANSPLANTS PER MILLION POPULATION (PMP) 2024



2 066 Pancreas Transplants

1.5 % of increase vs 2023

**39/92 countries reported pancreas
transplant activities in 2024**

PANCREAS TRANSPLANTS BY WHO REGIONS 2024

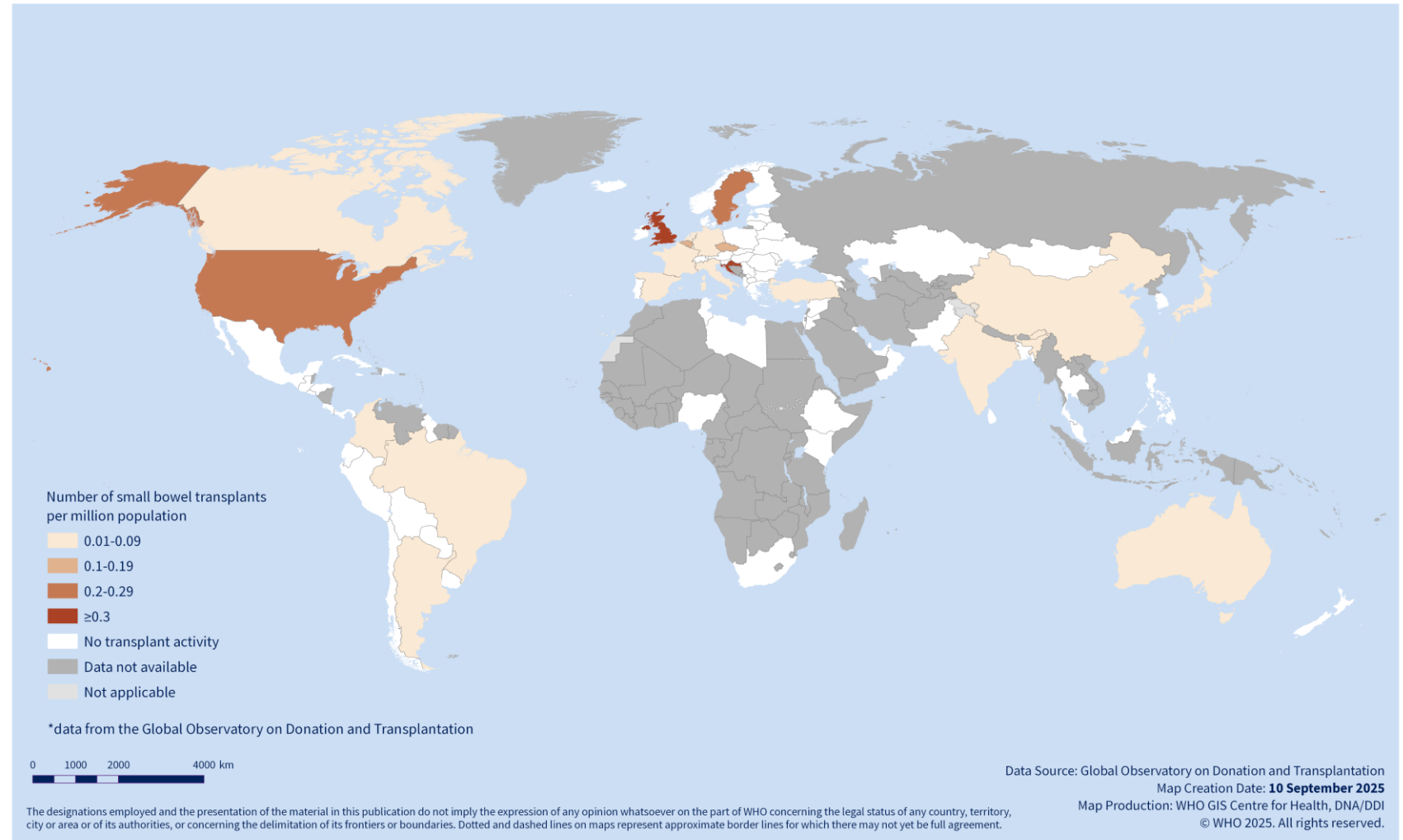


WHO Region	Pancreas Transplants (pmp)*	Paediatric Pancreas transplants (pmp) (<18 years)	Countries with any pancreas tx activity/ countries reporting to GODT (countries in the region)	Pancreas tx centres (million inhabitants / centre)**
AFR	0 (0.0)	0 (0.0)	0/4 (46)	0
AMR	1132 (1.1)	28 (0.0)	7/23 (35)	225 (4.4)
EMR	3 (0.0)	0 (0.0)	2/9 (22)	3 (107.3)
EUR	670 (0.9)	29 (0.0)	22/43 (53)	116 (6.2)
SEAR	45 (0.0)	0 (0.0)	2/4 (11)	72 (23.8)
WPR	216 (0.1)	1 (0.0)	6/9 (27)	90 (20.0)

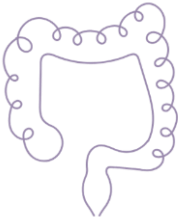
*Rates (pmp) are calculated by applying the population of the responding countries
 ** Million inhabitants per transplant centre are calculated by applying the population of the **responding** countries

SMALL BOWEL TRANSPLANTS (PMP)

YEAR 2024



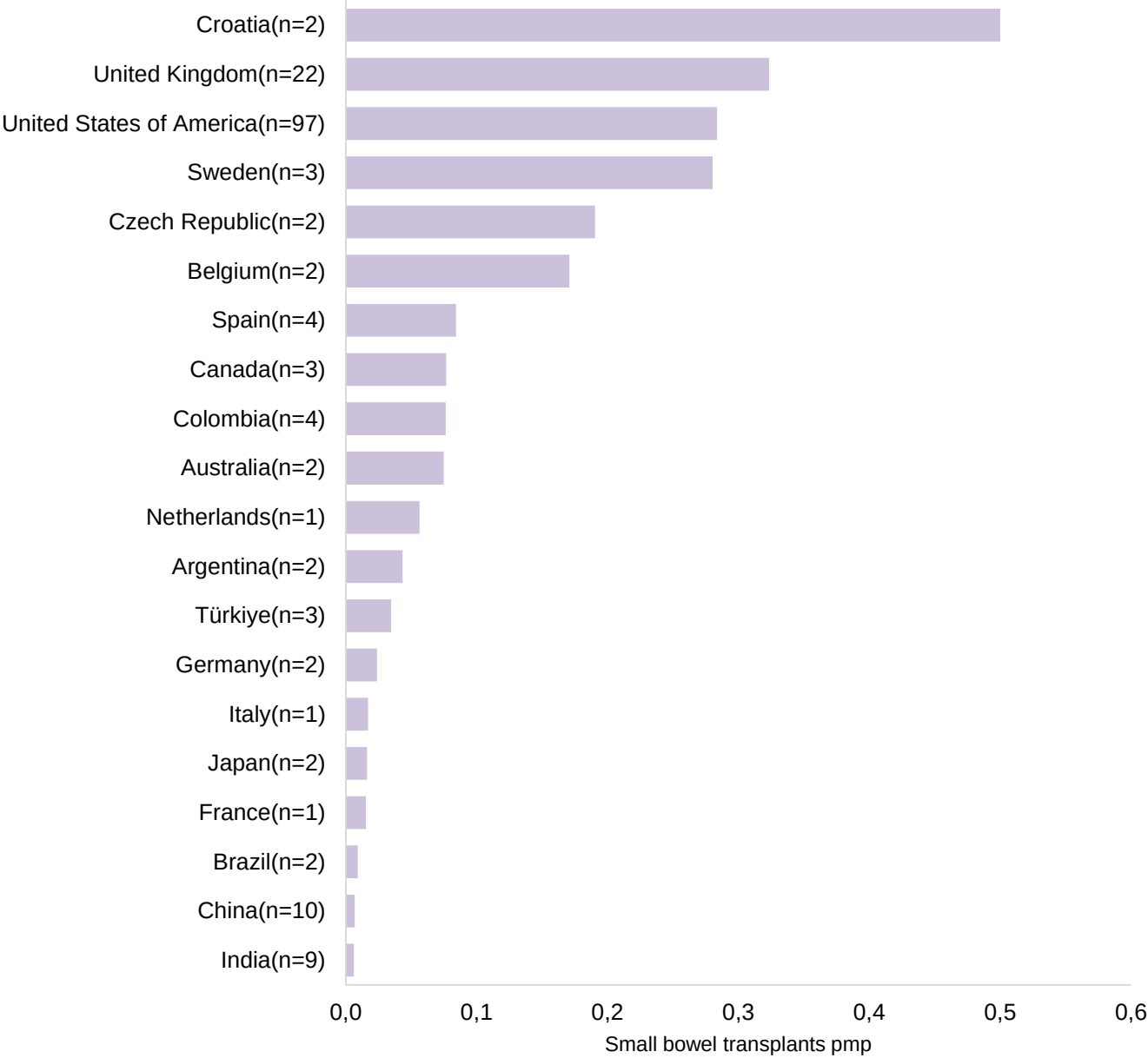
SMALL BOWEL TRANSPLANTS PER MILLION POPULATION (PMP) 2024



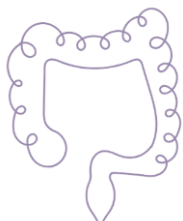
174 transplants of small bowel

0% increase vs 2023

20/92 countries reported small bowel
transplant activities in 2024



SMALL BOWEL TRANSPLANTS PER WHO REGIONS 2024



WHO Region	Small bowel transplants (pmp)*	Paediatric Small bowel transplants (pmp) (<18 years)	Countries with any S.B tx activity/ countries reporting to GODT (countries in the region)	S.B tx centres (million inhabitants/ centre)**
AFR	0 (0.0)	0 (0.0)	0/4 (46)	0
AMR	108 (0.1)	34 (0.0)	5/23 (35)	43 (23.1)
EMR	0 (0.0)	0 (0.0)	0/9 (22)	0
EUR	43 (0.1)	10 (0.0)	11/43 (53)	40 (18.0)
SEAR	9 (0.0)	0 (0.0)	1/4 (11)	37 (46.2)
WPR	14 (0.0)	5 (0.0)	3/9 (27)	60 (30.1)

*Rates (pmp) are calculated by applying the population of the responding countries

** Million inhabitants per transplant centre are calculated by applying the population of the responding countries

4

EVOLUTION OF ACTIVITIES BY WHO REGION

Donation and transplantation activities from 2022 to 2024 and percentage of variation 2024 vs 2023 per WHO region

	Africa				America				Eastern Mediterranean				Europe				South East Asia				Western Pacific			
	2022 (n=3)	2023 (n=3)	2024 (n=4)	% Var.(*) <i>n=3</i>	2022 (n=22)	2023 (n=23)	2024 (n=23)	% Var.(*) <i>n=22</i>	2022 (n=12)	2023 (n=11)	2024 (n=9)	% Var.(*) <i>n=9</i>	2022 (n=43)	2023 (n=43)	2024 (n=43)	% Var.(*) <i>n=43</i>	2022 (n=3)	2023 (n=4)	2024 (n=4)	% Var.(*) <i>n=4</i>	2022 (n=8)	2023 (n=9)	2024 (n=9)	% Var.(*) <i>n=9</i>
Deceased donors	0 (0.0)	0 (0.0)	87 (0.2)	(-)	20 946 (21.3)	23 241 (23.1)	23 906 (24.0)	3	1251 (2.7)	307 (0.8)	196 (0.6)	22	11 649 (16.9)	12 946 (18.1)	13 393 (18.7)	3	1244 (0.8)	1620 (1.0)	1635 (1.0)	1	6702 (3.8)	7747 (4.3)	7963 (4.4)	3
DBD	0 (0.0)	0 (0.0)	86 (0.2)	(-)	15 899 (16.2)	17 006 (16.9)	16 266 (16.3)	-4	1251 (2.7)	307 (0.8)	196 (0.6)	22	9166 (13.3)	9885 (13.8)	9950 (13.9)	1	1244 (0.8)	1619 (1.0)	1633 (1.0)	1	4688 (2.6)	5649 (3.1)	5683 (3.2)	1
DCD	0 (0.0)	0 (0.0)	1 (0.0)	(-)	5047 (5.1)	6235 (6.2)	7640 (7.7)	23	0 (0.0)	0 (0.0)	0 (0.0)	(-)	2843 (4.1)	3061 (4.3)	3443 (4.8)	12	0 (0.0)	1 (0.0)	2 (0.0)	100	2014 (1.1)	2098 (1.2)	2280 (1.3)	9
Kidney Tx	286 (0.7)	314 (0.8)	544 (1.1)	3	39 196 (39.8)	43 090 (42.8)	42 953 (43.2)	0	6364 (13.7)	4412 (11.2)	2883 (9.0)	14	25 329 (36.7)	27 229 (38.0)	28 034 (39.0)	3	12 696 (7.7)	14 982 (8.8)	15 008 (8.8)	0	18 219 (10.2)	21 108 (11.7)	21 045 (11.7)	0
DDKT	0 (0.0)	0 (0.0)	96 (0.2)	(-)	29 607 (30.1)	32 468 (32.2)	32 783 (32.9)	1	1564 (3.4)	440 (1.1)	327 (1.0)	24	17 286 (25.1)	18 914 (26.4)	19 701 (27.4)	4	2088 (1.3)	2491 (1.5)	2779 (1.6)	12	11 944 (6.7)	13 721 (7.6)	13 786 (7.6)	0
LDKT	286 (0.7)	314 (0.8)	448 (0.9)	3	9589 (9.7)	10 622 (10.5)	10 170 (10.2)	-4	4800 (10.4)	3972 (10.1)	2556 (7.9)	13	8043 (11.7)	8315 (11.6)	8333 (11.6)	0	10 608 (6.5)	12 491 (7.4)	12 229 (7.2)	-2	6275 (3.5)	7387 (4.1)	7259 (4.0)	-2
Liver Tx	0 (0.0)	0 (0.0)	59 (0.1)	(-)	13 387 (13.6)	14 985 (14.9)	15 847 (15.9)	6	1817 (3.9)	1158 (2.9)	782 (2.4)	19	9840 (14.3)	10 932 (15.2)	11 269 (15.7)	3	4067 (2.5)	4668 (2.8)	5099 (3.0)	9	8325 (4.7)	9368 (5.2)	9442 (5.2)	1
DDLT	0 (0.0)	0 (0.0)	45 (0.1)	(-)	12 444 (12.7)	13 980 (13.9)	14 920 (15.0)	7	943 (2.0)	211 (0.5)	152 (0.5)	31	8055 (11.7)	8909 (12.4)	9293 (12.9)	4	842 (0.5)	975 (0.6)	1108 (0.6)	14	6059 (3.4)	6902 (3.8)	7100 (3.9)	3
LDLT	0 (0.0)	0 (0.0)	14 (0.0)	(-)	938 (1.0)	997 (1.0)	923 (0.9)	-7	874 (1.9)	947 (2.4)	630 (2.0)	16	1773 (2.6)	2006 (2.8)	1971 (2.7)	-2	3216 (2.0)	3683 (2.2)	3988 (2.3)	8	2260 (1.3)	2460 (1.4)	2339 (1.3)	-5
Heart Tx	0 (0.0)	0 (0.0)	24 (0.1)	(-)	4996 (5.1)	5544 (5.5)	5569 (5.6)	0	184 (0.4)	69 (0.2)	14 (0.0)	0	2444 (3.5)	2751 (3.8)	2899 (4.0)	5	274 (0.2)	253 (0.1)	286 (0.2)	13	1090 (0.6)	1504 (0.8)	1495 (0.8)	-1
Lung Tx	0 (0.0)	0 (0.0)	14 (0.0)	(-)	3313 (3.4)	3717 (3.7)	4022 (4.0)	8	55 (0.1)	60 (0.2)	23 (0.1)	21	2073 (3.0)	2355 (3.3)	2524 (3.5)	7	144 (0.1)	201 (0.1)	230 (0.1)	14	1199 (0.7)	1478 (0.8)	1423 (0.8)	-4
Pancreas Tx	0 (0.0)	0 (0.0)	0 (0.0)	(-)	1171 (1.2)	1149 (1.1)	1132 (1.1)	-1	56 (0.1)	23 (0.1)	3 (0.0)	-40	611 (0.9)	664 (0.9)	670 (0.9)	1	30 (0.0)	30 (0.0)	45 (0.0)	50	158 (0.1)	188 (0.1)	216 (0.1)	15
Small bowel Tx	0 (0.0)	0 (0.0)	0 (0.0)	(-)	90 (0.1)	106 (0.1)	108 (0.1)	2	14 (0.0)	3 (0.0)	0 (0.0)	(-)	40 (0.1)	36 (0.1)	43 (0.1)	19	3 (0.0)	16 (0.0)	9 (0.0)	-44	23 (0.0)	16 (0.0)	14 (0.0)	-13
Total organ Tx	286 (0.7)	314 (0.8)	641 (1.3)	3	62 153 (63.2)	68 591 (68.1)	69 631 (70.0)	2	8490 (18.3)	5725 (14.5)	3705 (11.5)	15	40 337 (68.7)	43 967 (61.3)	45 439 (63.3)	3	17 214 (10.5)	20 150 (11.9)	20 677 (12.1)	3	29 014 (16.2)	33 662 (18.7)	33 634 (18.7)	0

n= number of responding countries. (*)% Variation is calculated with countries reporting in 2023 and 2024 (*n=number of countries in both years*) Note: Rates (pmp) are calculated by applying the population of the responding countries

GLOBAL DONATION AND TRANSPLANTATION ACTIVITIES FROM 2022 TO 2024, N (PMP)

	Global			
	2022 (n=91)	2023 (n=93)	2024 (n=92)	% Variation 2024 vs 2023*
Deceased donors	41 792 (7.0)	45 861 (7.6)	47 180 (7.8)	3
DBD donors	32 248 (5.4)	34 466 (5.7)	33 814 (5.6)	-2
DCD donors	9 544 (1.6)	11 395 (1.9)	13 366 (2.2)	17
Kidney Tx	102 090 (17.1)	111 135 (18.5)	110 467 (18.3)	1
DD Kidney Tx	62 489 (10.5)	68 034 (11.3)	69 472 (11.5)	2
LD Kidney Tx	39 601 (6.6)	43 101 (7.2)	40 995 (6.8)	-1
Liver Tx	37 436 (6.3)	41 111 (6.8)	42 497 (7.1)	4
DD Liver Tx	28 343 (4.8)	30 977 (5.1)	32 618 (5.4)	5
LD Liver Tx	9 061 (1.5)	10 093 (1.7)	9 865 (1.6)	2
Heart Tx	8 988 (1.5)	10 121 (1.7)	10 287 (1.7)	2
Lung Tx	6 784 (1.1)	7 811 (1.3)	8 236 (1.4)	6
Pancreas Tx	2 026 (0.3)	2 054 (0.3)	2 066 (0.3)	1
Small bowel Tx	170 (0.0)	177 (0.0)	174 (0.0)	0
Total organ Tx	157 494 (26.4)	172409 (28.6)	173 727 (28.8)	2

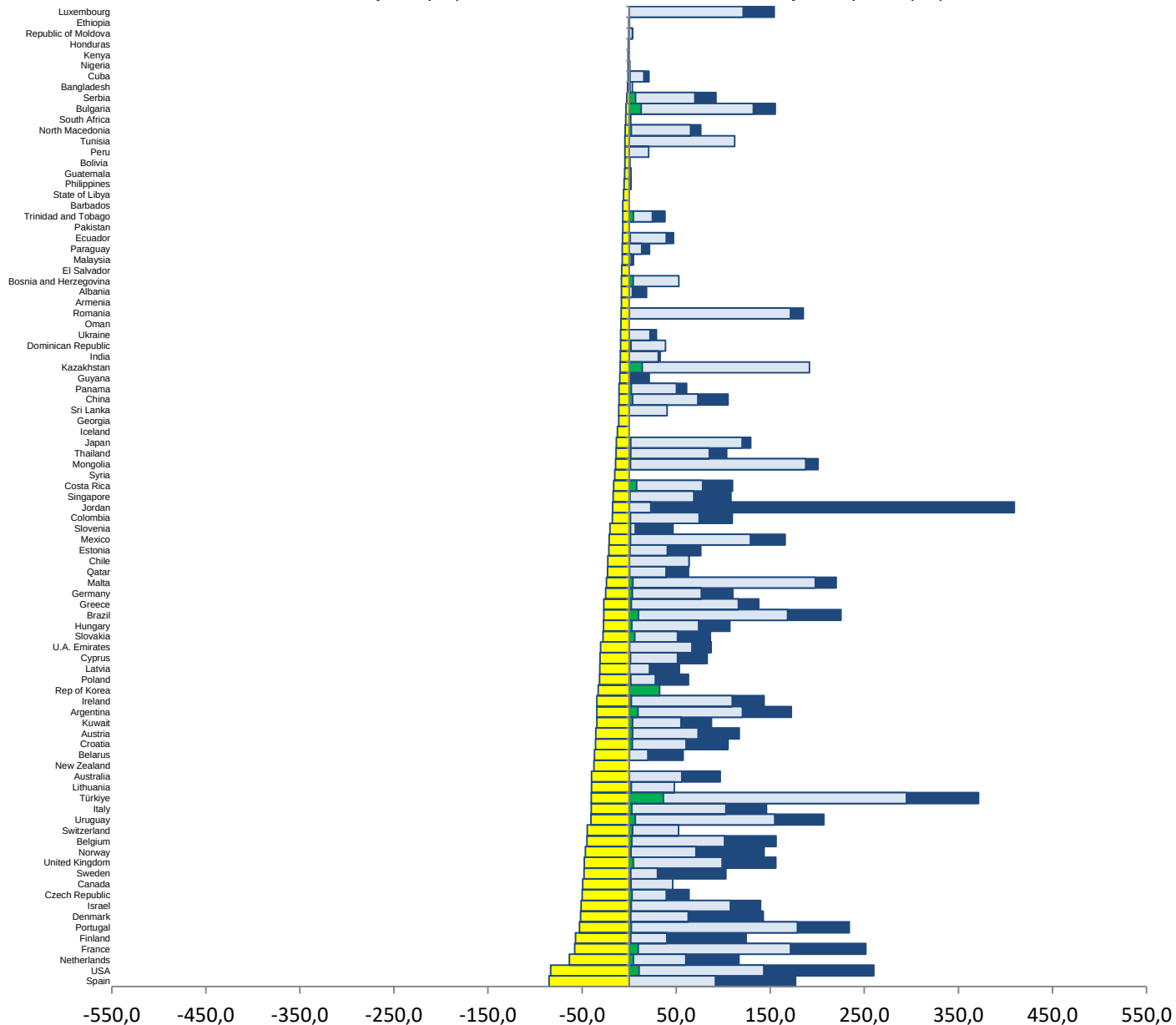
* % Variation is calculated with those countries reporting for both years 2023 and 2024 (n=90 countries)

**Rates (pmp) are calculated by applying the population of the responding countries

5

WAITING LISTS

■ Patients ever active on Kidney WL pmp
 ■ Patients awaiting on Kidney WL at 31st Dec pmp
 ■ Total Kidney transplants pmp



PATIENTS ON THE KIDNEY WL VS KIDNEY TRANSPLANTS (PMP) 2024

91 countries with any transplant activities and/or any information reported on the WL

Patients ever active on WL: Patients who have been active on the WL at any moment along the year. A patient active on the WL is defined as a candidate eligible to receive organ offers for transplantation at a given point in time.

Patients awaiting on the WL at 31st Dec: Patients who are active on the WL at the end of the year.

Patients dead on the WL: Patients who have died while on the WL along the year.

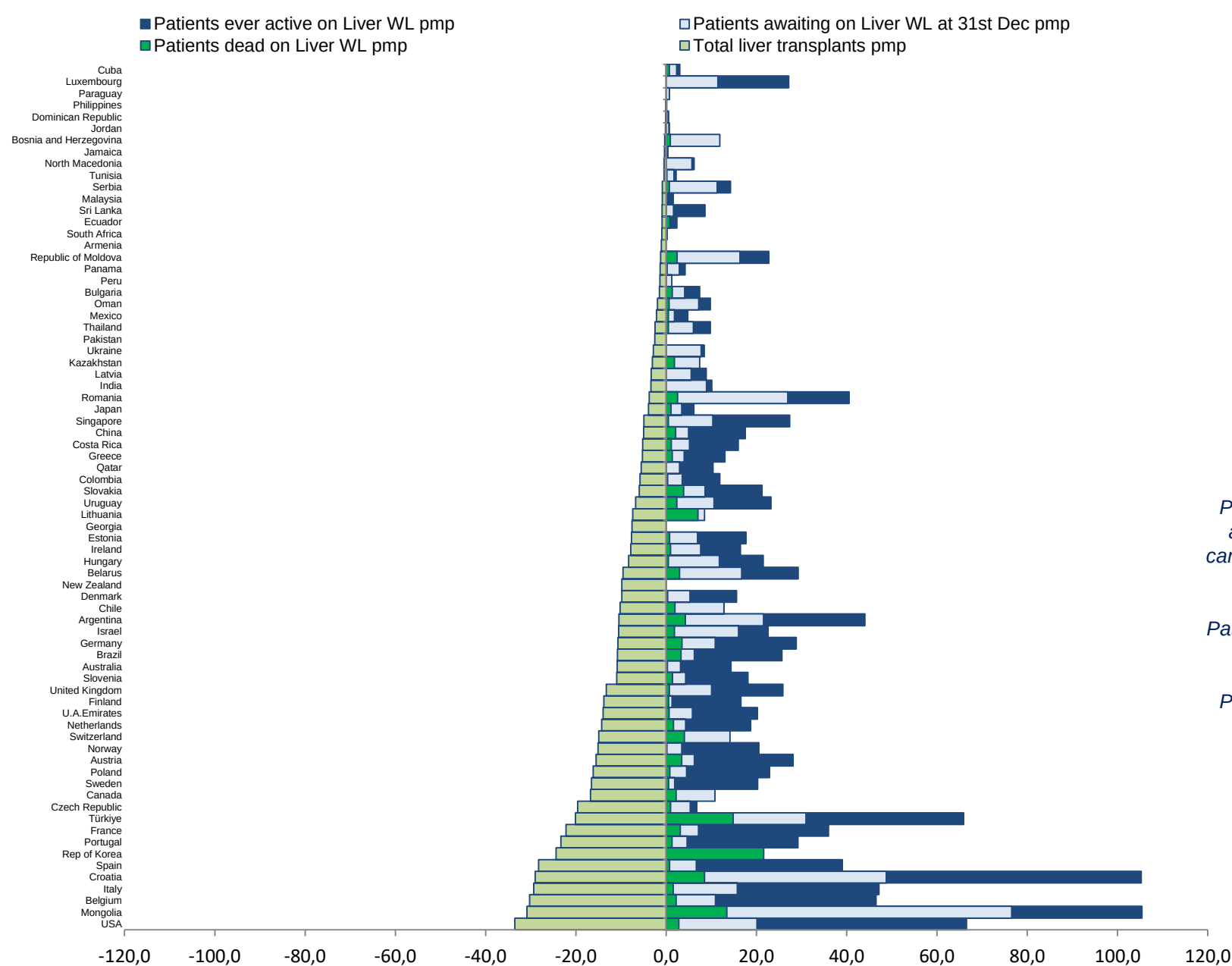
PATIENTS ON THE LIVER WL VS LIVER TRANSPLANTS (PMP) 2024

74 countries with any transplant activities and/or any information reported on the WL

Patients ever active on WL: Patients who have been active on the WL at any moment along the year. A patient active on the WL is defined as a candidate eligible to receive organ offers for transplantation at a given point in time.

Patients awaiting on the WL at 31st Dec: Patients who are active on the WL at the end of the year.

Patients dead on the WL: Patients who have died while on the WL along the year.



Patients ever active on Heart WL pmp

Patients awaiting on Heart WL at 31st Dec pmp

Patients dead on Heart WL pmp

Total Heart transplants pmp



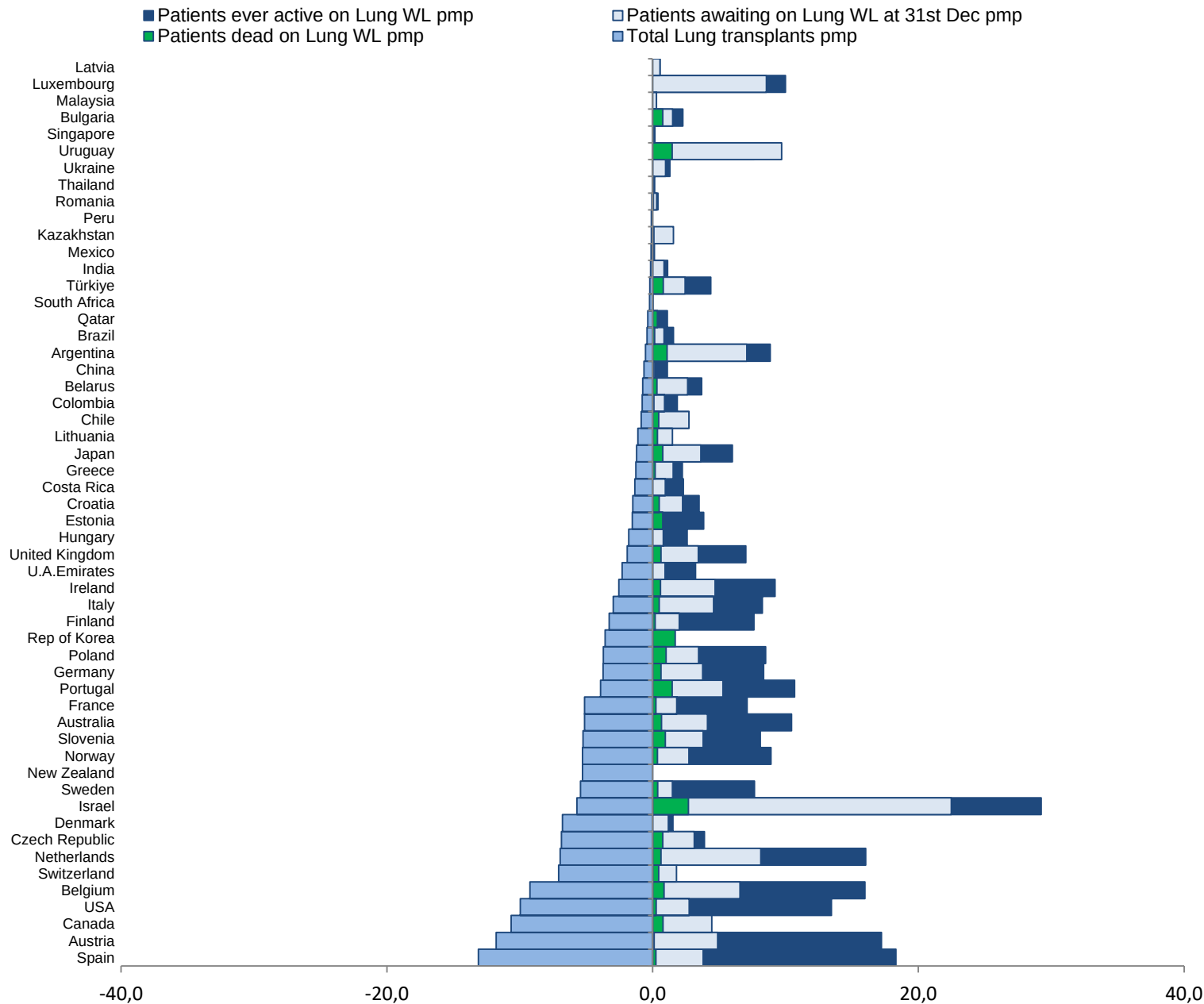
PATIENTS ON THE HEART WL VS HEART TRANSPLANTS (PMP) 2024

63 countries with any transplant activities and/or any information reported on the WL

Patients ever active on WL: Patients who have been active on the WL at any moment along the year. A patient active on the WL is defined as a candidate eligible to receive organ offers for transplantation at a given point in time.

Patients awaiting on the WL at 31st Dec: Patients who are active on the WL at the end of the year.

Patients dead on the WL: Patients who have died while on the WL along the year.



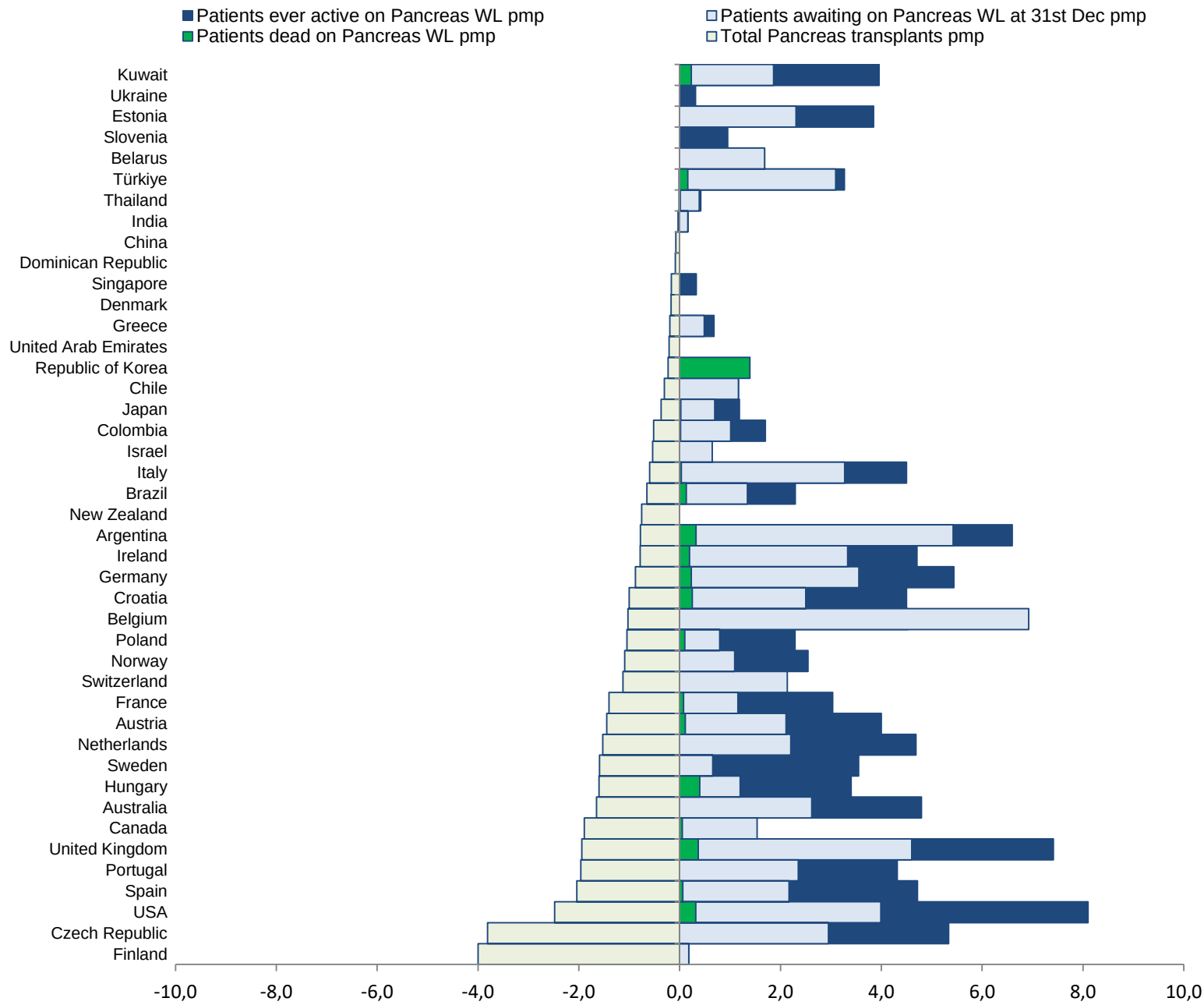
PATIENTS ON THE LUNG WL VS LUNG TRANSPLANTS (PMP) 2024

54 countries with any transplant activities and/or any information reported on the WL

Patients ever active on WL: Patients who have been active on the WL at any moment along the year. A patient active on the WL is defined as a candidate eligible to receive organ offers for transplantation at a given point in time.

Patients awaiting on the WL at 31st Dec: Patients who are active on the WL at the end of the year.

Patients dead on the WL: Patients who have died while on the WL along the year.



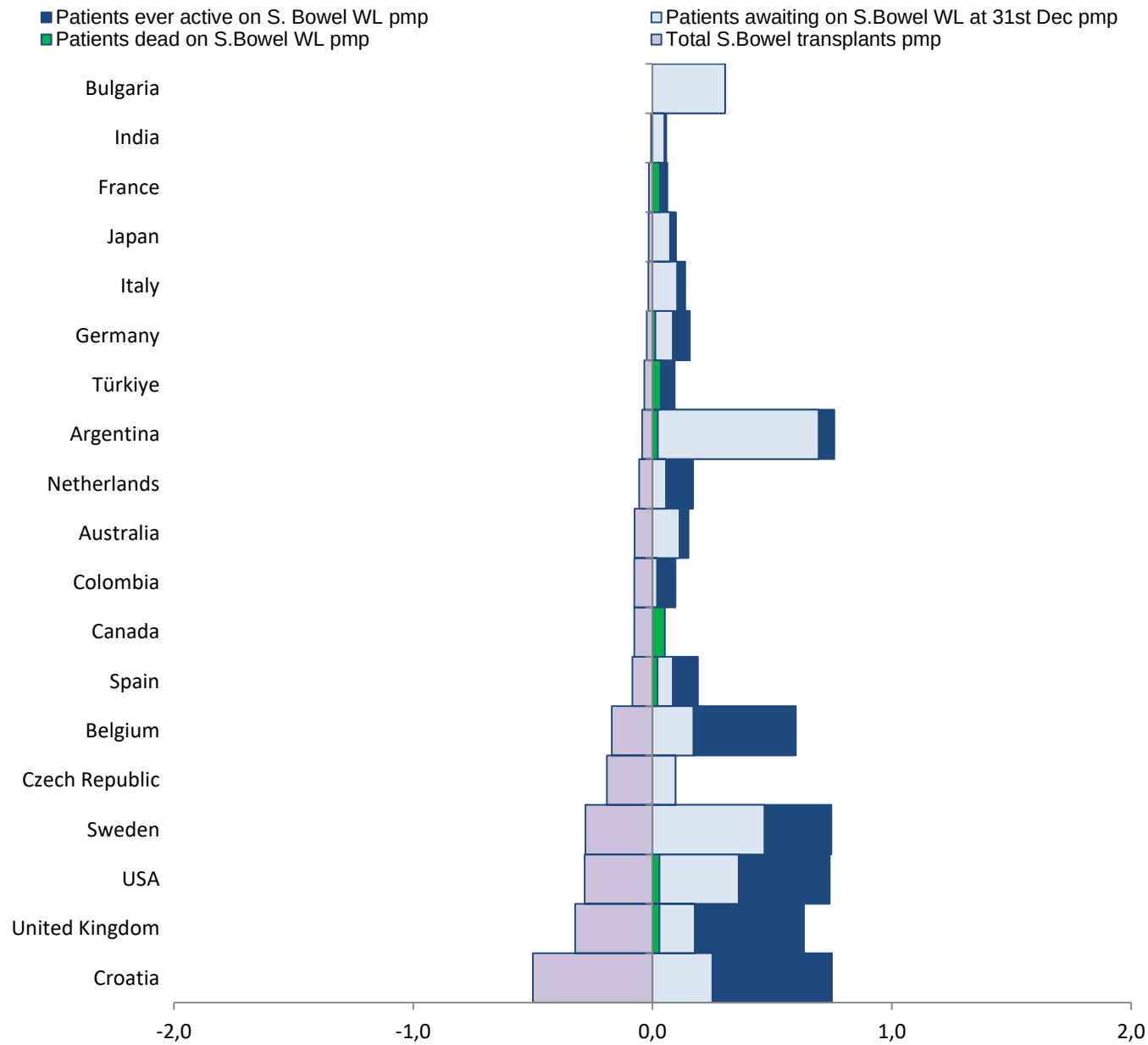
PATIENTS ON THE PANCREAS WL VS PANCREAS TRANSPLANTS (PMP) 2024

43 countries with any transplant activities and/or any information reported on the WL

Patients ever active on WL: Patients who have been active on the WL at any moment along the year. A patient active on the WL is defined as a candidate eligible to receive organ offers for transplantation at a given point in time.

Patients awaiting on the WL at 31st Dec: Patients who are active on the WL at the end of the year.

Patients dead on the WL: Patients who have died while on the WL along the year.



PATIENTS ON THE SMALL BOWEL WL VS SMALL BOWEL TRANSPLANTS (PMP) 2024

19 countries with any transplant activities and/or any information reported on the WL

Patients ever active on WL: Patients who have been active on the WL at any moment along the year. A patient active on the WL is defined as a candidate eligible to receive organ offers for transplantation at a given point in time.

Patients awaiting on the WL at 31st Dec: Patients who are active on the WL at the end of the year.

Patients dead on the WL: Patients who have died while on the WL along the year.

KIDNEY	AFR (n=2)	AMR (n=18)	EMR (n=5)	EUR (n=40)	SEAR (n=4)	WPR (n=8)	TOTAL (n=77)
Patients on the WL at 31/12/2024	73	118 201	2663	82 524	52 338	122 103	377 902
Patients dead on the WL	168	6731	26	5 470	270	7 271	19 936
LIVER	AFR (n=1)	AMR (n=15)	EMR (n=5)	EUR (n=37)	SEAR (n=3)	WPR (n=8)	TOTAL (n=69)
Patients on the WL at 31/12/2024	-	10 494	127	8 707	13 370	7 914	40 612
Patients dead on the WL	12	2107	11	2 395	34	4 336	8 895
HEART	AFR (n=1)	AMR (n=13)	EMR (n=4)	EUR (n=35)	SEAR (n=2)	WPR (n=6)	TOTAL (n=61)
Patients on the WL at 31/12/2024	-	3 788	34	5 596	1 332	2 493	13 243
Patients dead on the WL	13	458	7	717	4	545	1 744
LUNG	AFR (n=1)	AMR (n=9)	EMR (n=2)	EUR (n=32)	SEAR (n=2)	WPR (n=5)	TOTAL (n=51)
Patients on the WL at 31/12/2024	-	1 767	10	2 278	1 253	828	6 136
Patients dead on the WL	1	230	1	366	1	344	943
PANCREAS	AFR (n=0)	AMR (n=7)	EMR (n=1)	EUR (n=24)	SEAR (n=2)	WPR (n=3)	TOTAL (n=37)
Patients on the WL at 31/12/2024	-	2 044	8	1 575	259	155	4 041
Patients dead on the WL	-	156	1	79	1	75	312
SMALL BOWEL	AFR (n=0)	AMR (n=5)	EMR (n=0)	EUR (n=12)	SEAR (n=1)	WPR (n=2)	TOTAL (n=20)
Patients on the WL at 31/12/2024	-	162	-	43	71	12	288
Patients dead on the WL	-	14	-	9	-	0	23

PATIENTS ON THE WAITING LIST AT THE END OF THE YEAR AND DEATHS ON THE WAITING LIST, BY TYPE OF ORGAN AND WHO REGION (N) 2024

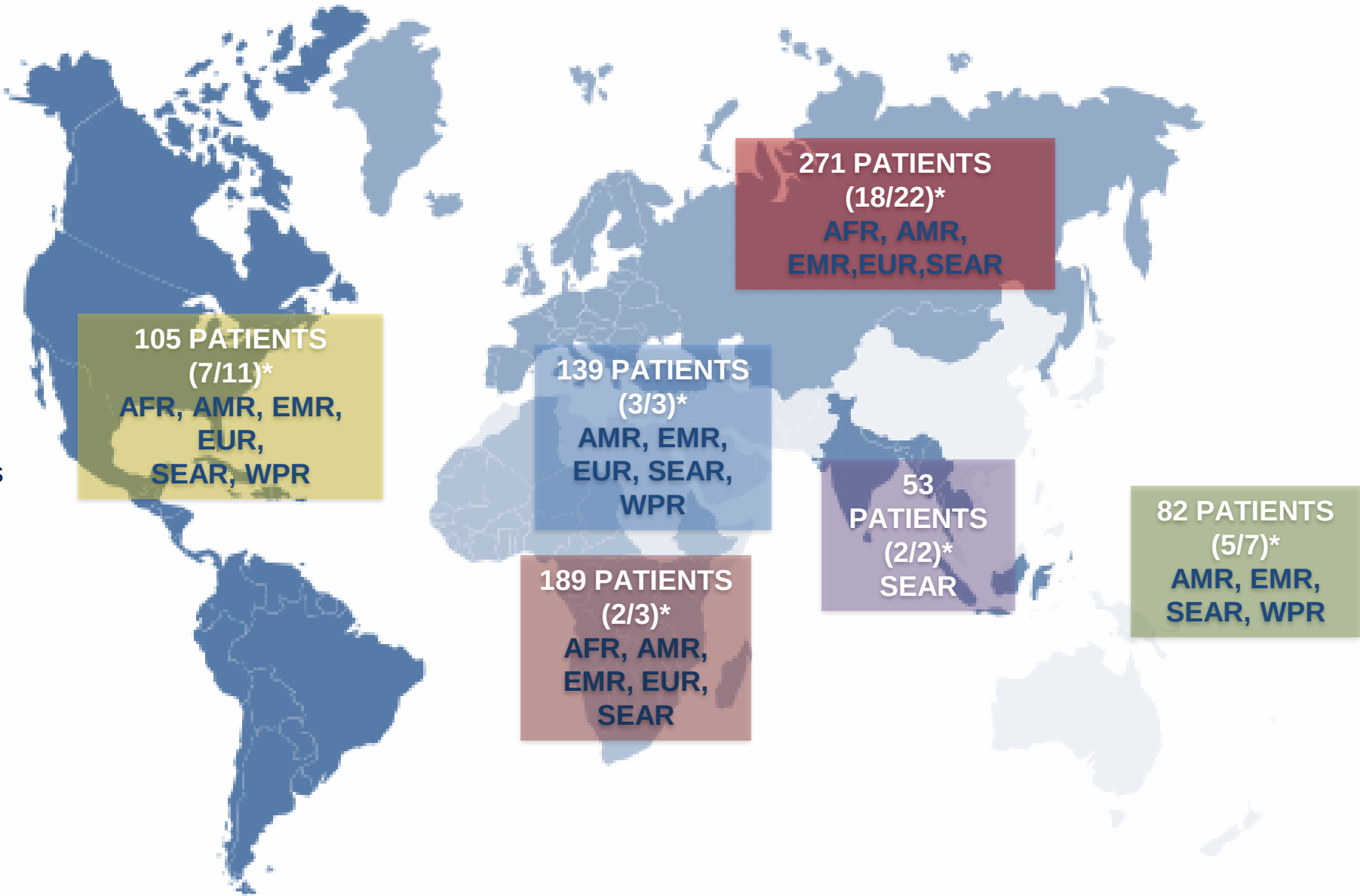
n: Number of countries providing any data about these indicators of the WL

6

TRANSPLANTS PERFORMED ABROAD AND NON-RESIDENTS TRANSPLANTS

**AT LEAST 839 PATIENTS
FROM 37 COUNTRIES
TRAVELLED FOR
TRANSPLANTATION
ABROAD IN 2024**

Cases reported by the country of origin
48/92 countries were able to provide this
information

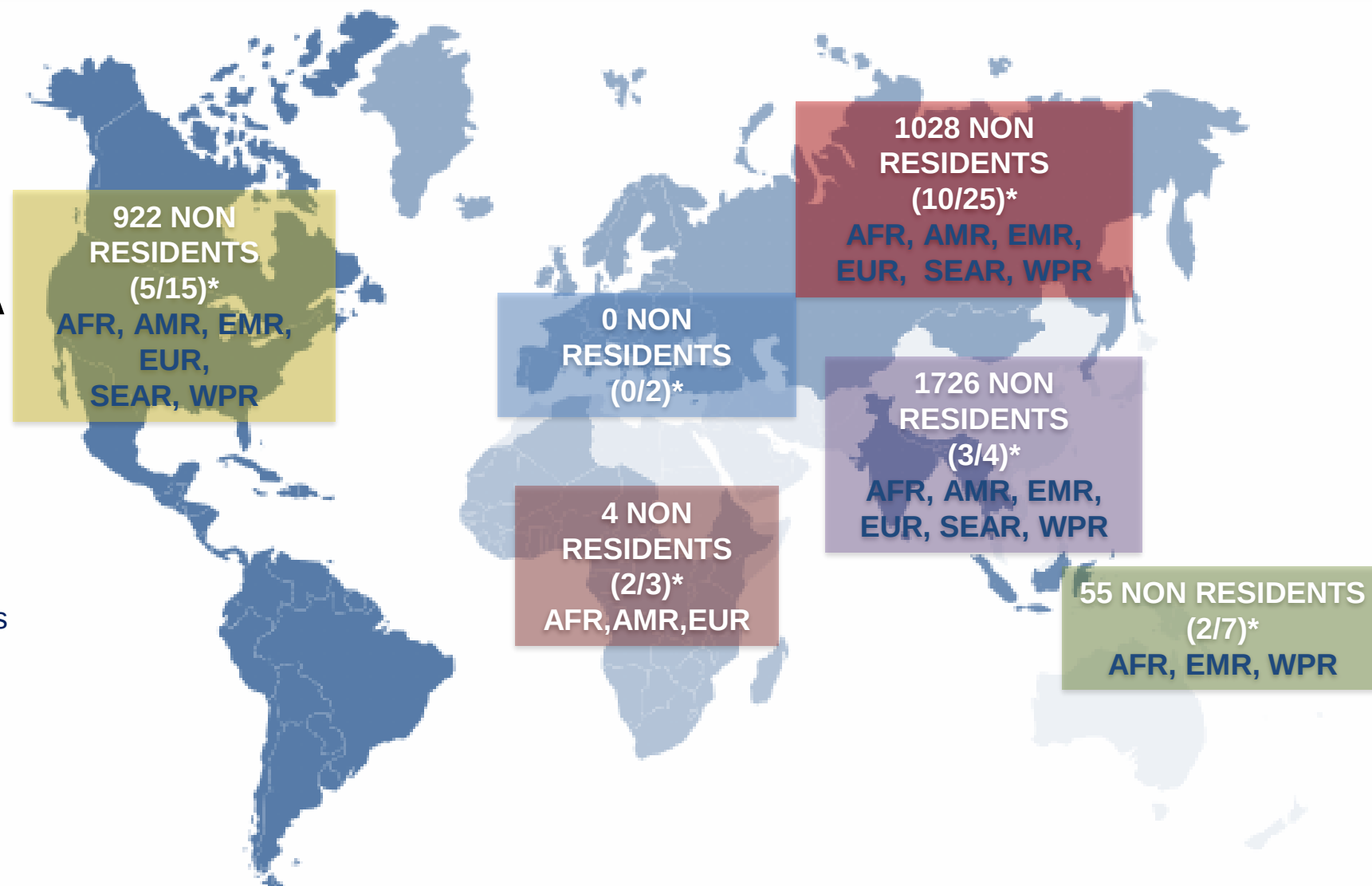


Note: Not all countries were able to provide detailed information. Therefore figures may be underestimated.
** Countries that reported at least one patient who travelled abroad for transplantation/countries able to provide this information within the corresponding region*

MORE THAN 3 700 NON-RESIDENT PATIENTS FROM 22 COUNTRIES WERE REPORTED TO BE TRANSPLANTED FROM A LIVING (N=2 882) OR A DECEASED (N=855) DONOR IN 2024

Cases reported by the country of destination

56/92 countries were able to provide this information



Note: Not all countries were able to provide detailed information. Therefore figures may be underestimated.

** Countries that reported at least one case of transplantation in non-residents/countries able to provide this information within the corresponding region*

DISCLAIMER

The data and information presented here are published in order to promote transparency in transplantation activities.

Whenever possible this information has been confirmed by official national sources. However, in some instances, there are still provisional estimates. It is therefore anticipated that some data presented may be modified without prior notice.

As the facts displayed here are not definitive, they cannot be reproduced or quoted unless shown with the appropriate warning and the date.

For any references to this report, the following should be quoted: Organ Donation and Transplantation Activities 2024 Report. Global Observatory on Donation and Transplantation (GODT).

For citations of the 2024 GODT data please quote the following: Those 2024 data are based on the Global Observatory on Donation and Transplantation (GODT) data, produced by the WHO-ONT collaboration.

For any references in Charts and bar chart, please quote: * Data of the WHO-ONT Global Observatory on Donation and Transplantation.

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