



LifeSource
ORGAN, EYE AND TISSUE DONATION



CHANGING & IMPROVING
SOUTH AFRICA'S TRANSPLANT FUTURE
28th SATS & 5th SATiBA
CONGRESS
6 - 8 September 2019
KRYSTAL BEACH HOTEL
GORDONS BAY • CAPE TOWN

Key Drivers to Successful Organ Procurement Programs

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President, ISODP

6 September 2019

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 **ISODP**
International Society for Organ
Donation and Procurement



To Increase donation
internationally



To enhance
available resources
to improve donation
practices



To establish an
integrated network of
donation
professionals

ISODP Strategic Donation Workshops

Riyadh, Saudi Arabia 2015



Beijing, China 2016



Capetown, Africa 2019



225 Organ Donors

720 Tissue Donors

750 Organ Transplants

LifeSource
Minneapolis
Minnesota

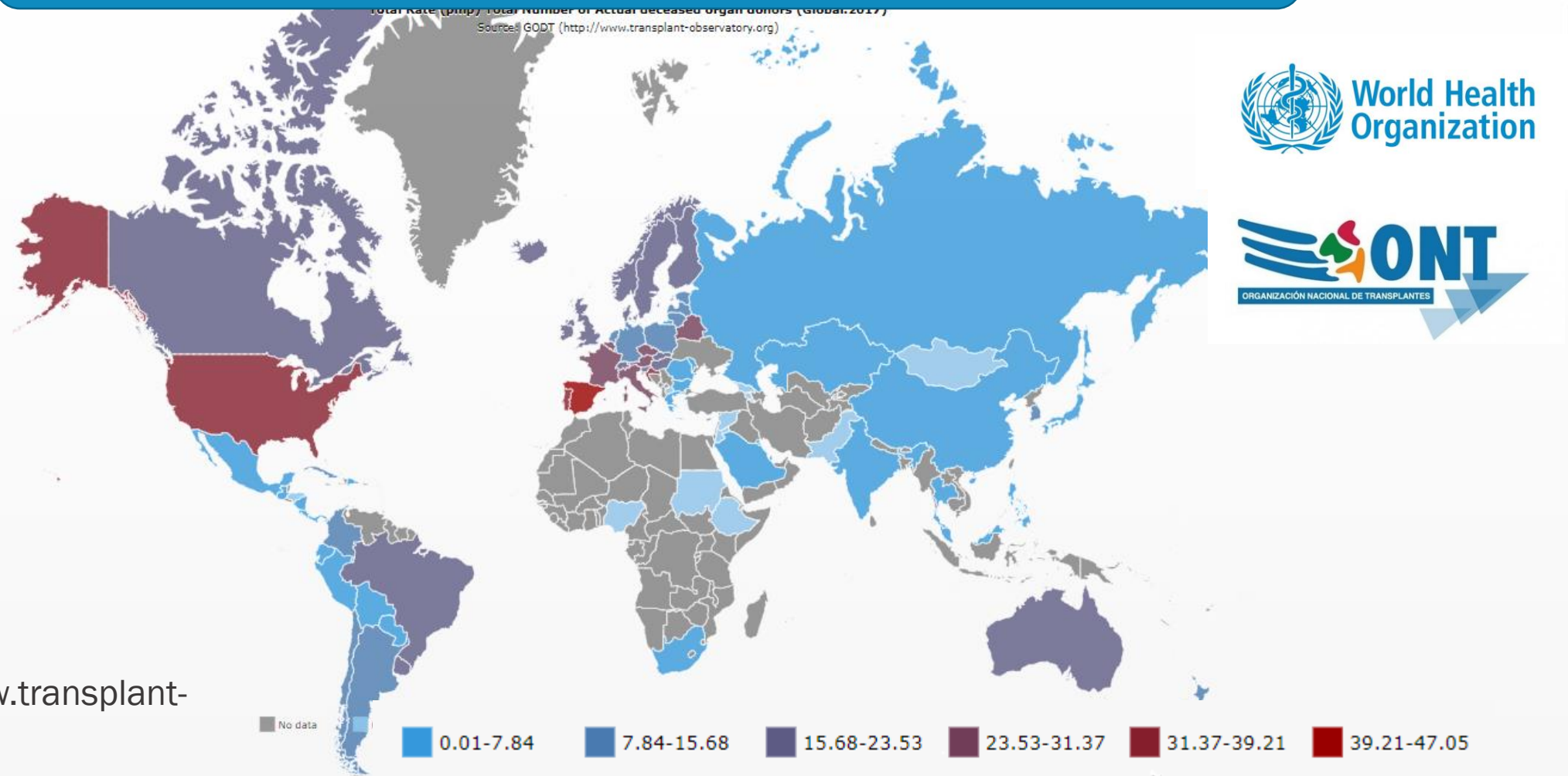
EXPLORE
Minnesota



7.2 Million
People



Total Rate (pmp) Total number of Actual Deceased Organ Donors (2017)



Source: GODT www.transplant-observatory.org

JS map by amCharts

Donation and Procurement



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Key Success Factors



➤ Coordinated National System

➤ Regulatory Framework

➤ Efficient and mandatory donor identification and referral

➤ Professional donation teams

➤ Transparent data systems

➤ Public donor registry

- Legislation / Policy

- Foundational System Development

- Organ Donation Potential: Identification and Referral

- Organ Donation Conversion: Consent practices and rates

- Data Collection

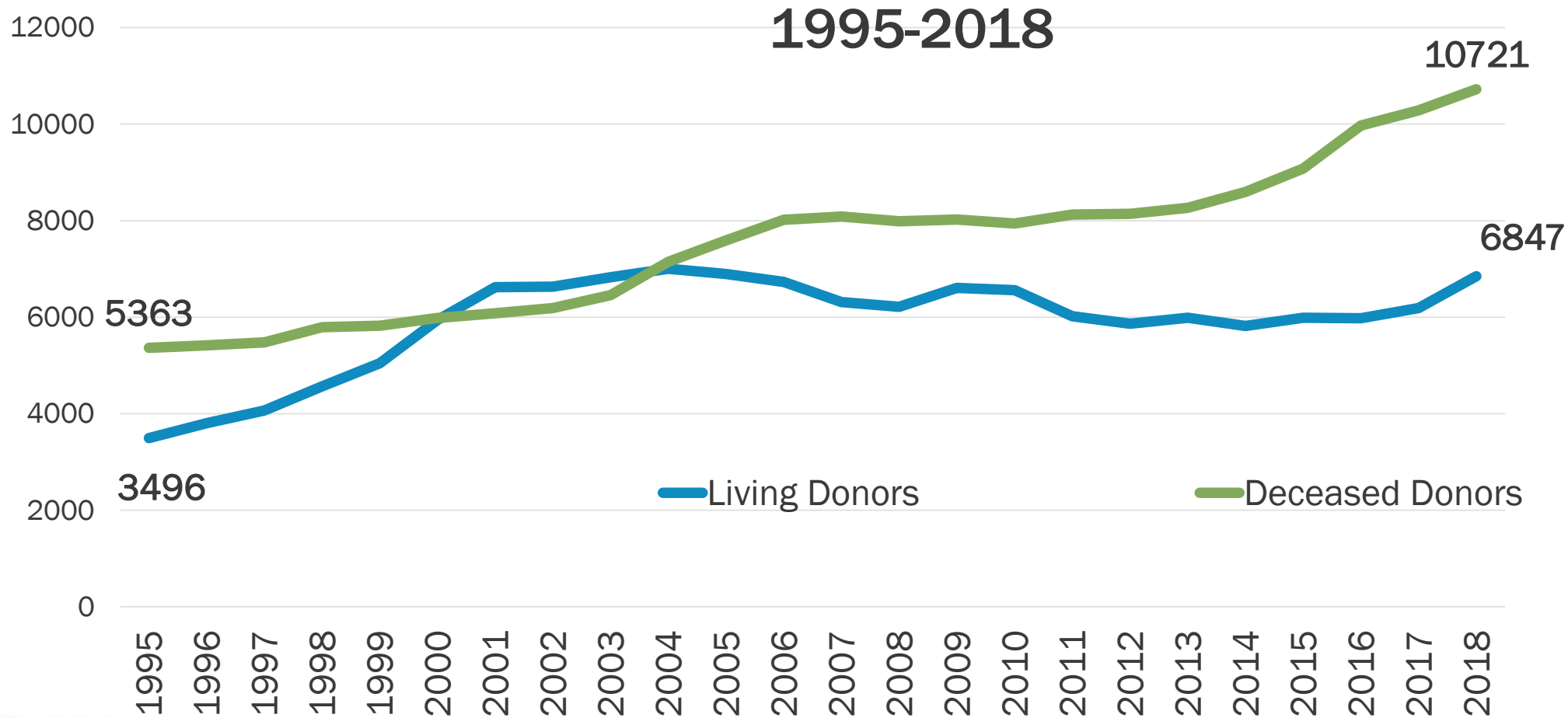
- Professional Education

- Public Awareness



U.S. National Trends

Living and Deceased Organ Donors



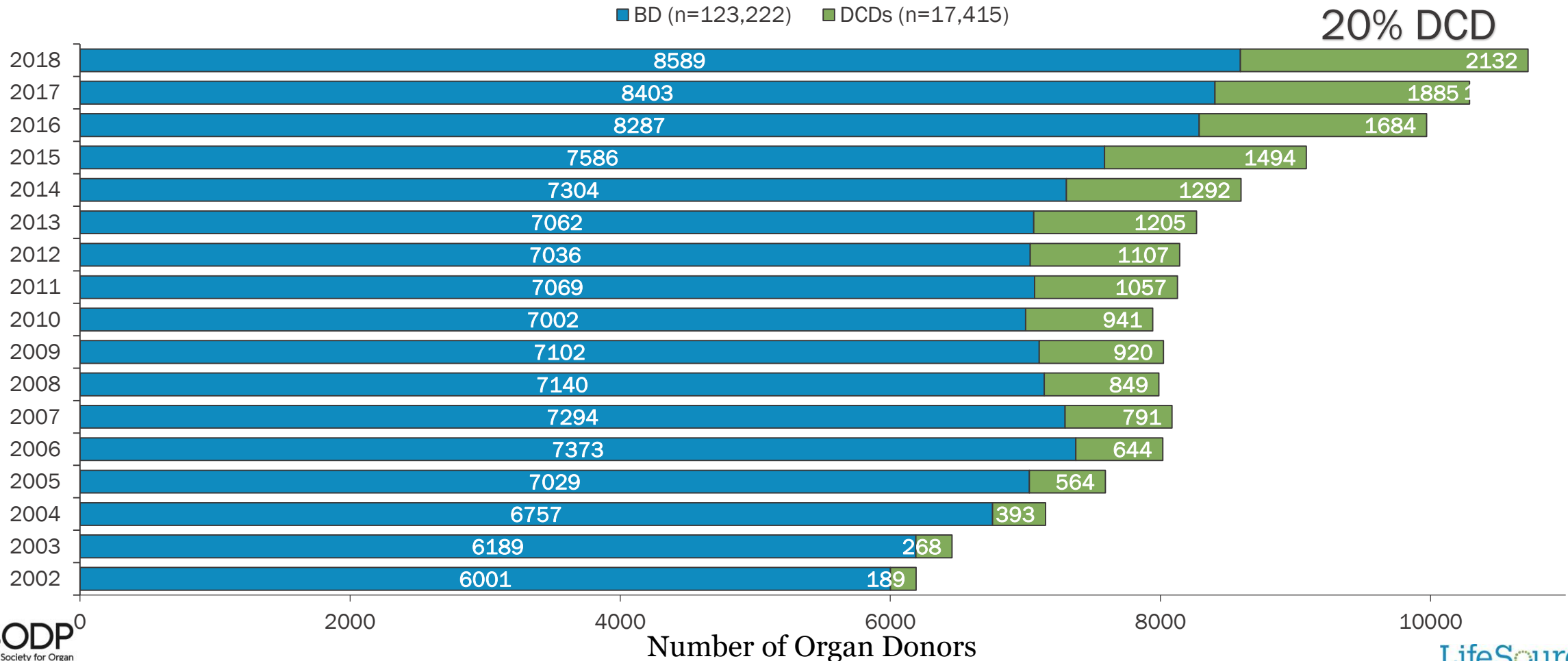
Deceased
DPM 33.2

Living
DPM 20.9

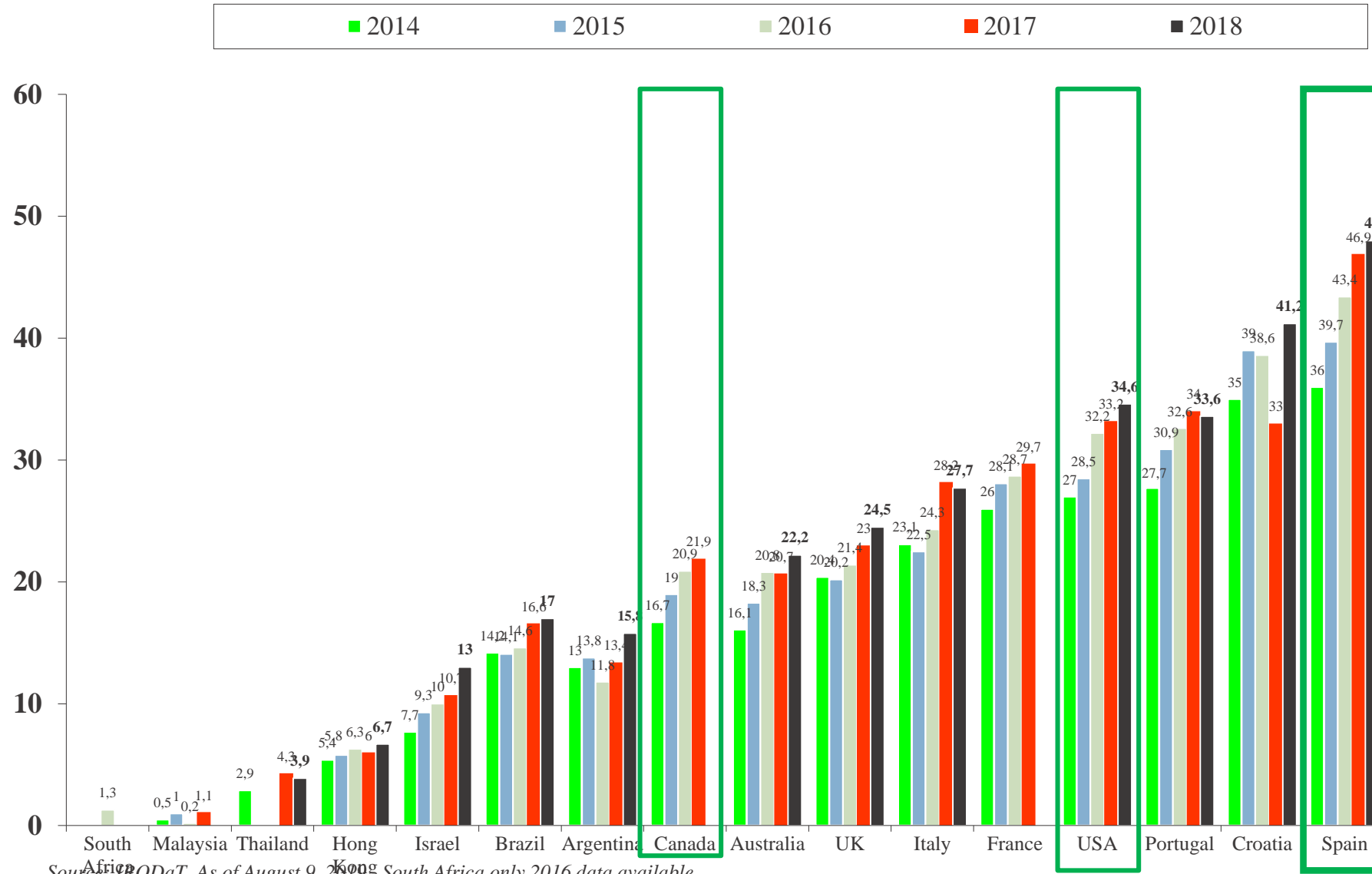
Wait list
deaths
5427

U.S. Organ Donor Experience – DBD & DCD Donors 2002-2018

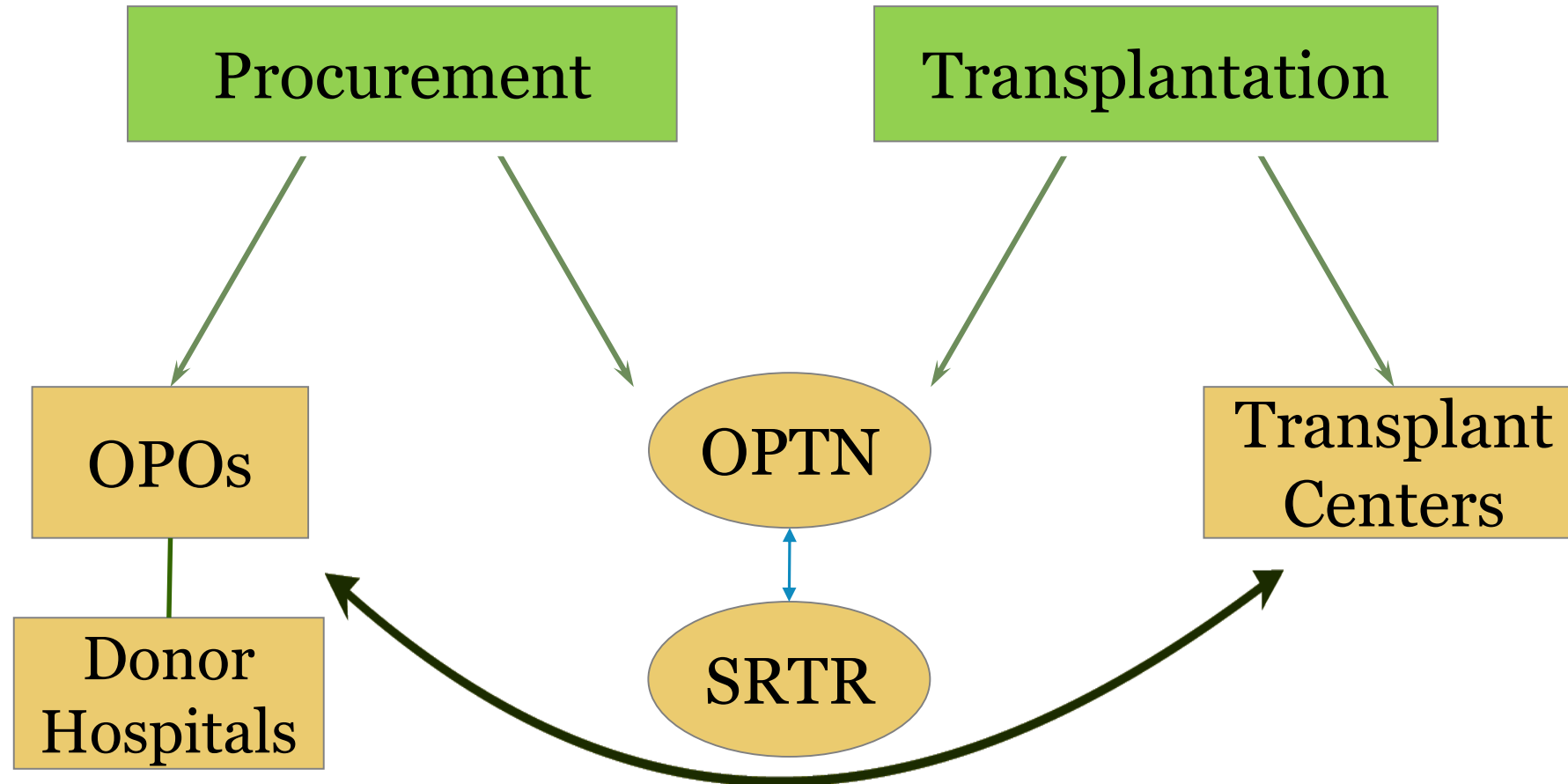
Total Deceased Organ Donors = 140,637



Deceased Organ Donors Donors Per Million 2014 – 2018

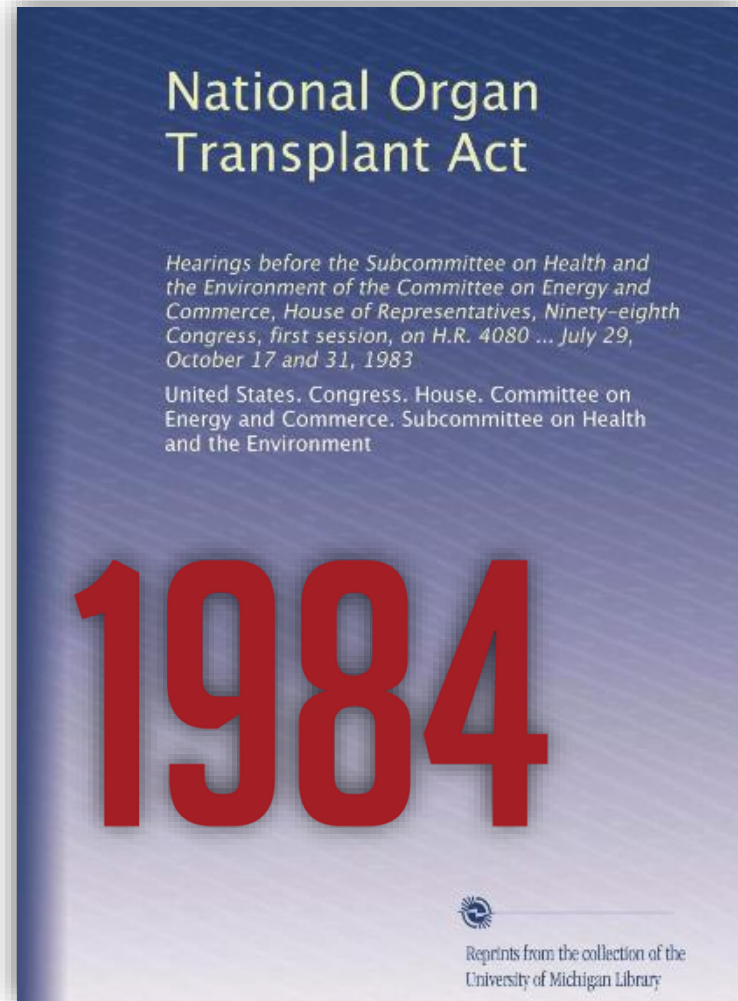


National Donation and Transplantation System



National Organ Transplant Act

NOTA 1984



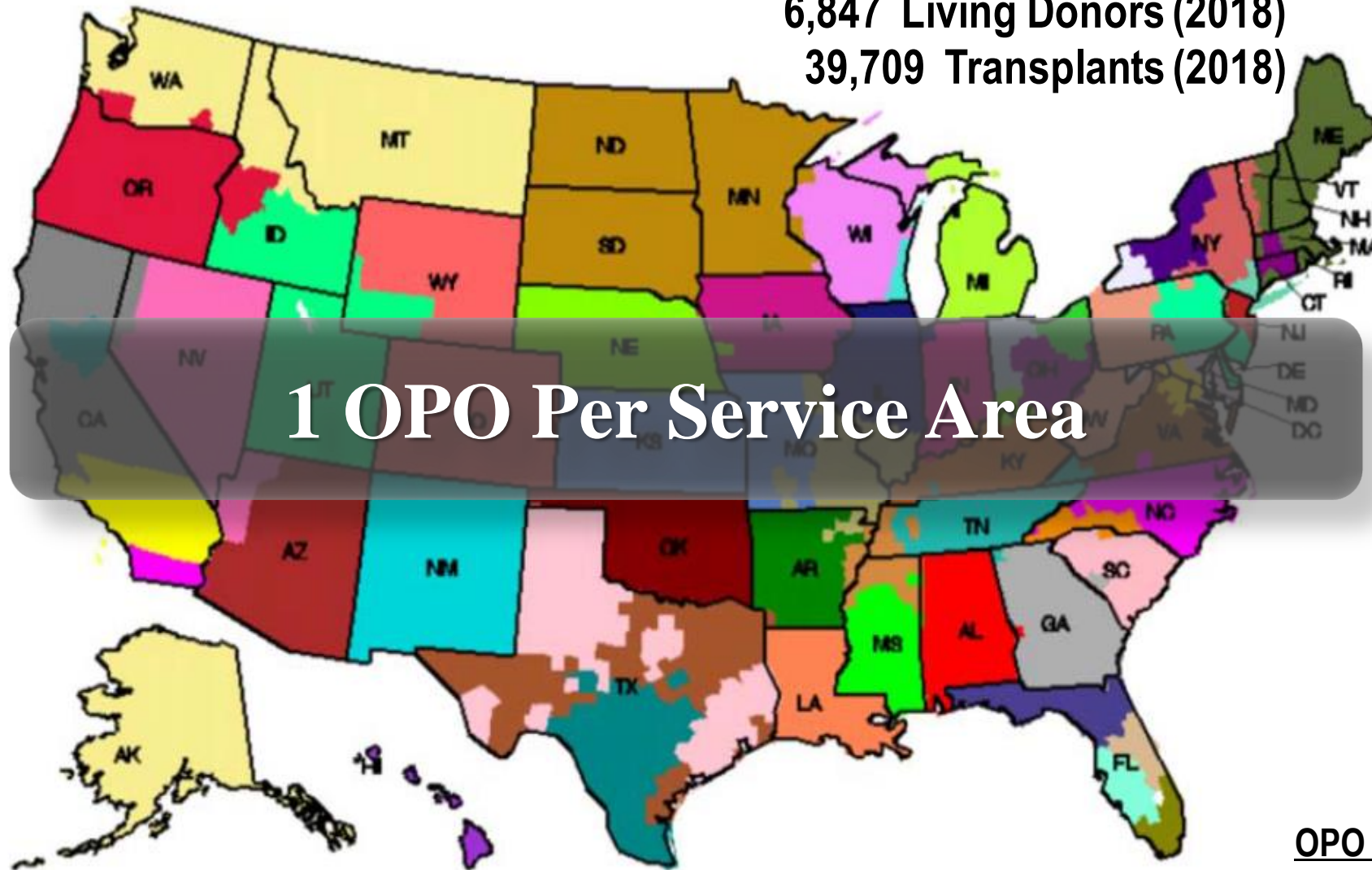
- Organ Procurement & Transplantation Network (OPTN) – *not a government entity*
- Established criteria for organ sharing
- Prohibited sale of organs
- Created designated OPO system

58 OPO Donation Service Areas in the U.S.

326.9 million people – 10,721 Deceased Donors (2018)

6,847 Living Donors (2018)

39,709 Transplants (2018)



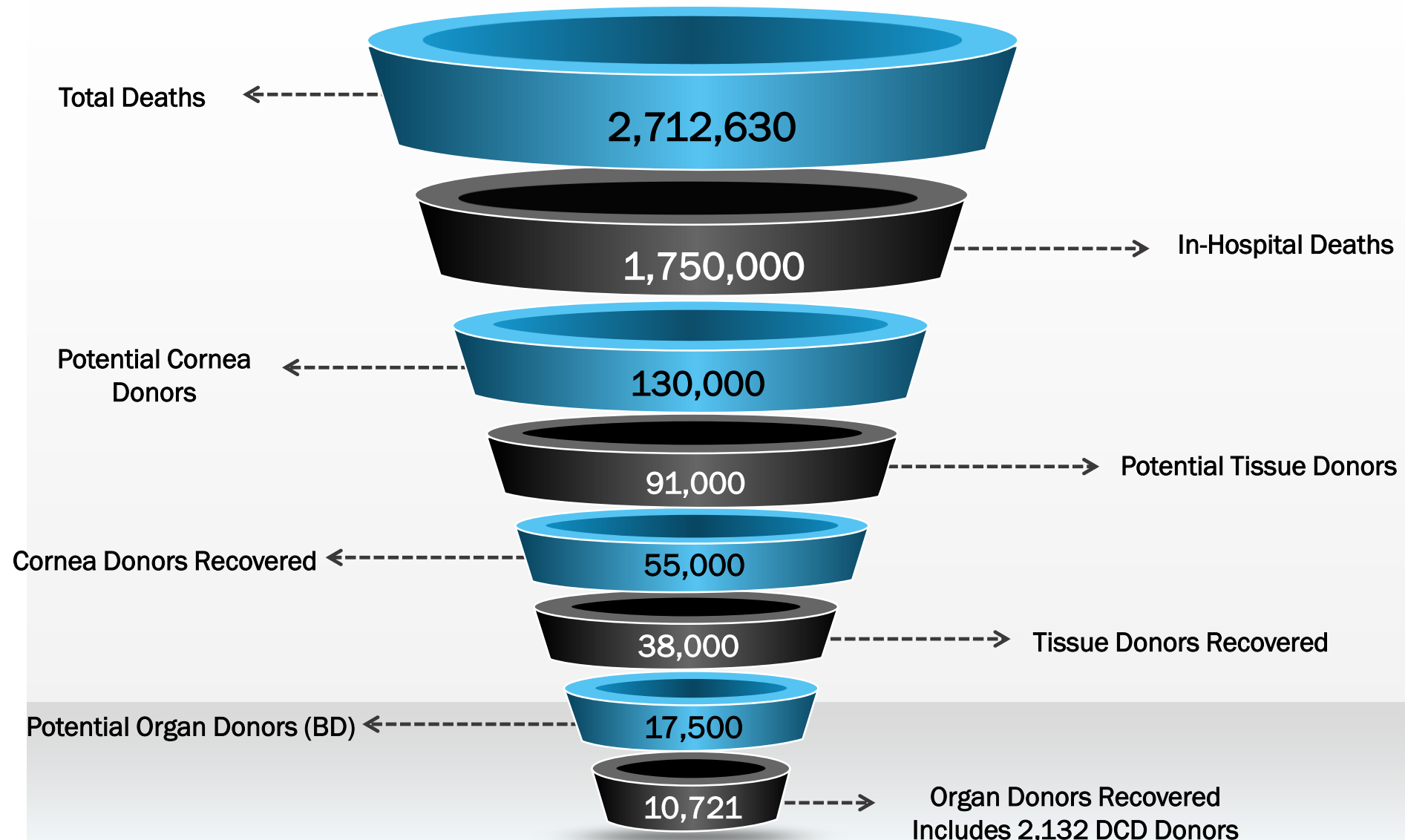
OPO Data

Population Bases from 1.4 Million to 19.5 Million

Deceased Donors Recovered ranged from 42 to 615 Donors

Donors per million (DPM) ranged from 20.0 to 59.1; U.S. Average 34.6

U.S. Estimated Annual Potential and Actual Organ and Tissue Donors - 2018



OPO Services



Donor Family Support



Clinical Support &
Management of Organ
Donors



Professional Education



Public Education



Tissue Donation



Research

Required Referral



- Required by federal regulation to notify OPO of all imminent and actual deaths.
- Allows OPO to assess potential for organ (and tissue) donation
- Onsite response within 1 hour of referral

Triggers for Donation Referrals

Call 1.800.24.SHARE – within one hour

- If family mentions donation or has questions
- If you have questions
- Ventilated and
 - Severe neurological injury
 - GCS ≤ 5 or meets two or more of the following neuro indicators (no pain, no triggering the vent, no pupil response, no corneal reflex, no cough, no gag, no doll's eyes, no response to cold calorics)
- After initial referral, if a decision to withdraw support, call prior to extubation or discontinuing life-sustaining therapies
- Circulatory death



Organ Donation: *A High-Acuity, Low-Frequency Event*



What is our responsibility to the family?

What is our responsibility to waiting recipients?

What can we learn from our experience caring for
patients and families at the end of life?

Family Communication and Donation Conversation: A Process Not An Event

- Timely Referral
- Information gathering and sharing
- Team planning / huddle



- Family given grave prognosis
- Support / basic needs
- Team explains BD or WD
- Questions and answers
- Active listening



- Plan to create “space” before donation conversation
- Given BD news or...
- W/D decision is finalized
- Grief support



- Donation conversation
- Questions and answers
- Informed, proactive, enduring decision
- Next steps



- Plan for closure, final needs and aftercare



Sustaining Hospital Relationships



Hospital
Development
Messages
Promote
Collaboration

TRUST

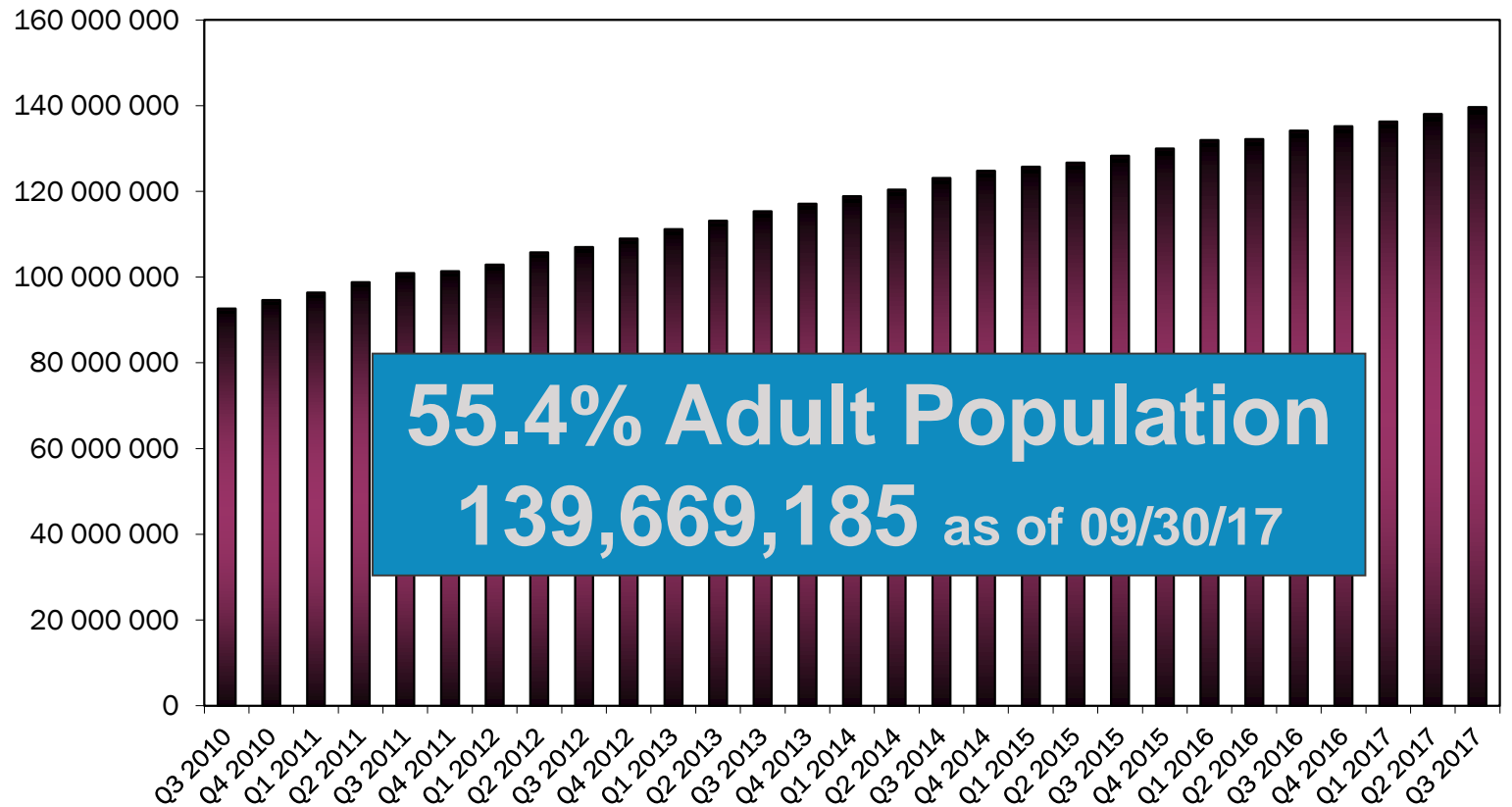
Hospital
Experience
with OPO in
Real Time





Donor Designation in the United States 2010-2017 – State Donor Registries

- Legal Gift Document
- Family supported
- Intent to honor and fulfill donor's decision
- Family resistance extremely rare, managed with hospital leadership and legal counsel

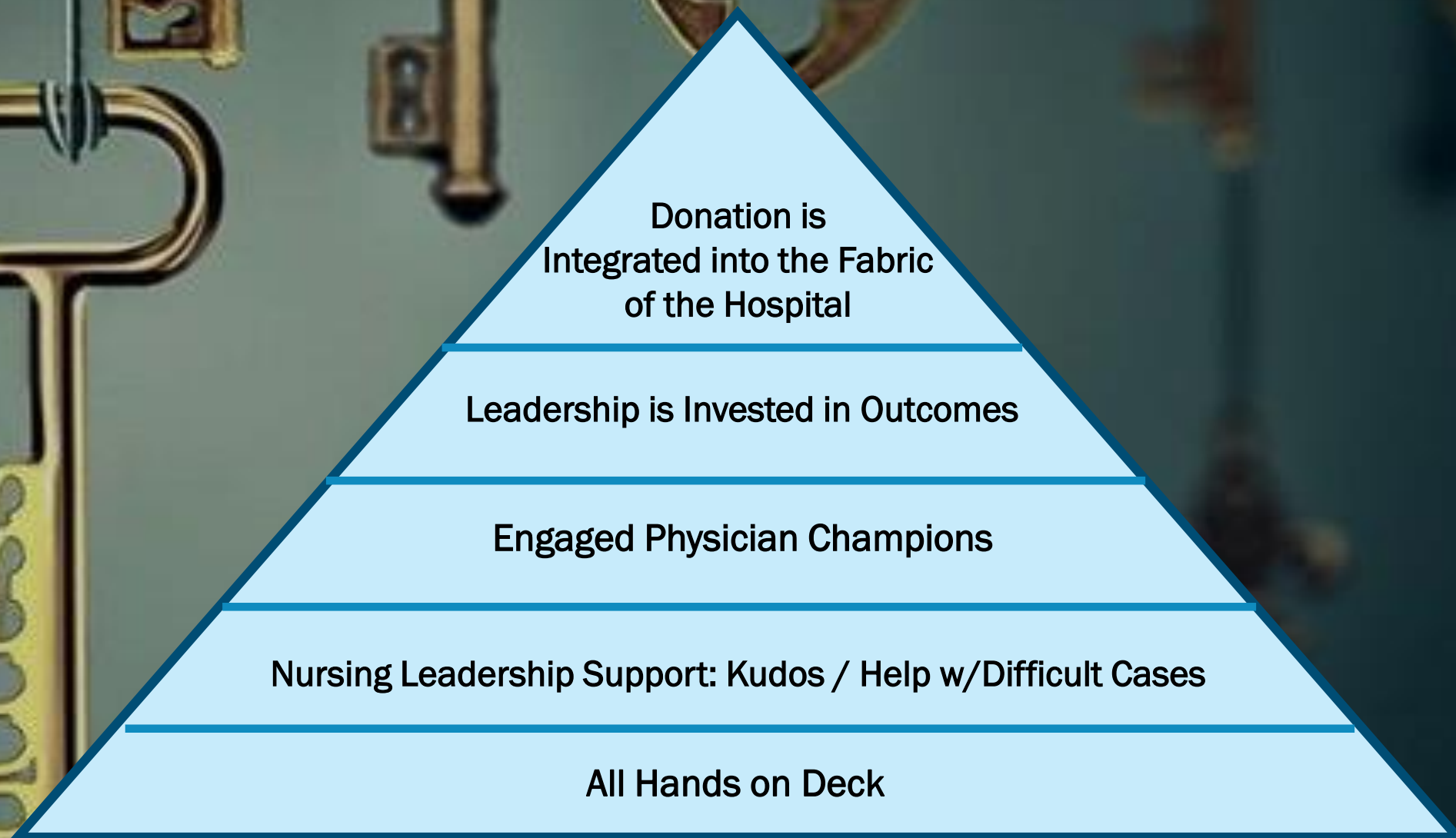


Honoring Donors Creating Legacy



- Letter to family with donation outcomes
- Bereavement and aftercare program
- Donor Family Gatherings
- Donor family and recipient correspondence

Keys to Success with Donor Hospitals



Key Drivers of OPO Success

Professionalization

Training education

Performance improvement

Mandatory death reporting

Specialized roles

Donor registration

Collaboration with transplant centers

Data Driven processes




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Thank you



The screenshot shows the homepage of the 2019 Organ Donation Congress website. The header features the ISODP logo and a navigation menu with links: HOME, ABOUT, PROGRAM, FACULTY, ABSTRACTS, REGISTRATION, SPONSORSHIP, and VISITORS INFO. The main banner displays the event title "2019 ORGAN DONATION CONGRESS" in large white letters, followed by the dates "14 - 16 NOVEMBER 2019" and the location "INTERCONTINENTAL FESTIVAL CITY, DUBAI, UAE". A prominent red banner at the bottom of the main section reads "Registration open". On the left side, there is a social media sharing widget showing "129 Shares" and icons for Facebook, Twitter, LinkedIn, and a general share button. The footer contains several logos, including ISODP, The Transplantation Society, and the Saudi Centre for Organ Transplantation, along with social media icons and the hashtag #ISODP2019.