

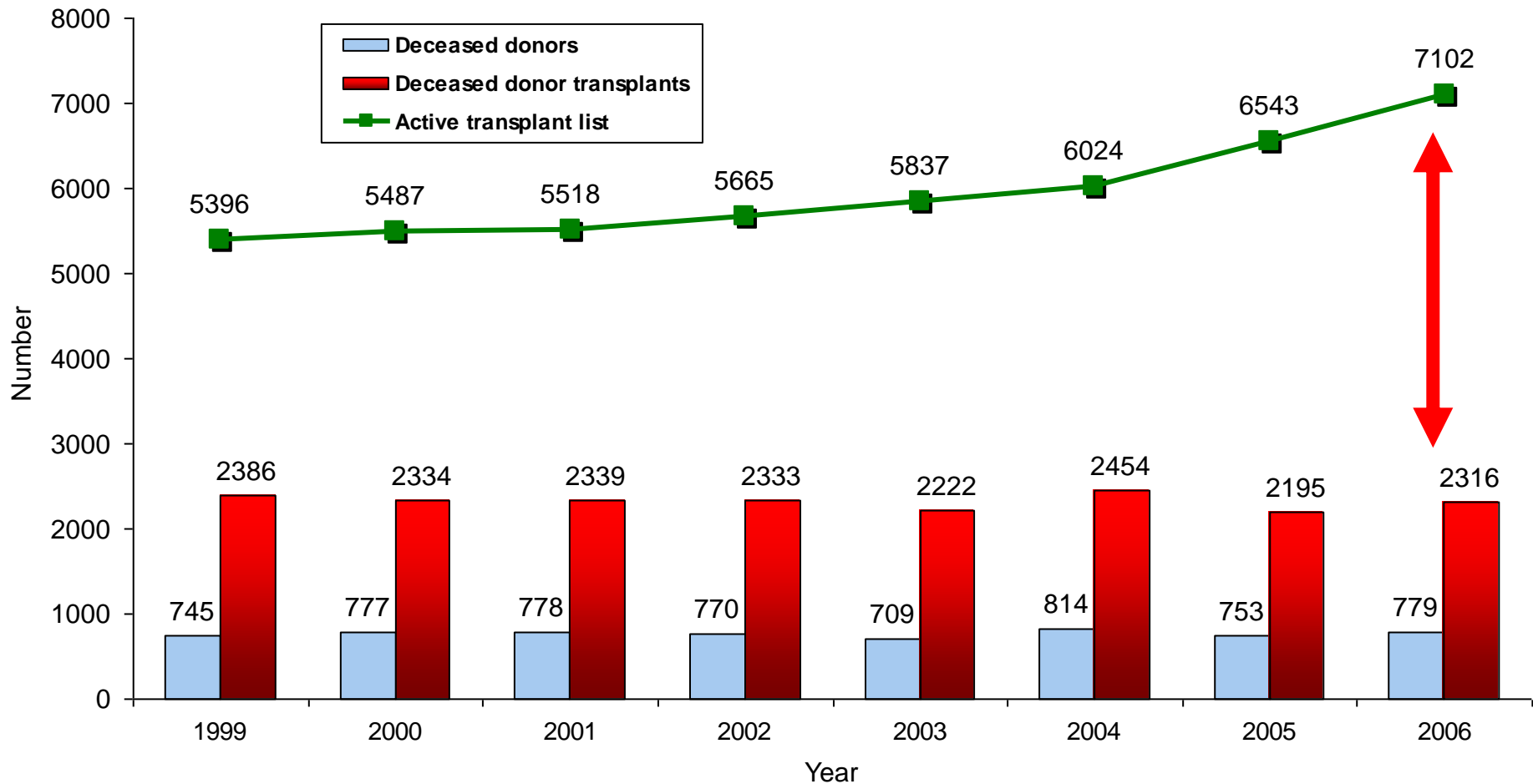
Current status of organ donation and transplantation in the UK

Susan Richards

Regional Manager (Midlands & South Central)

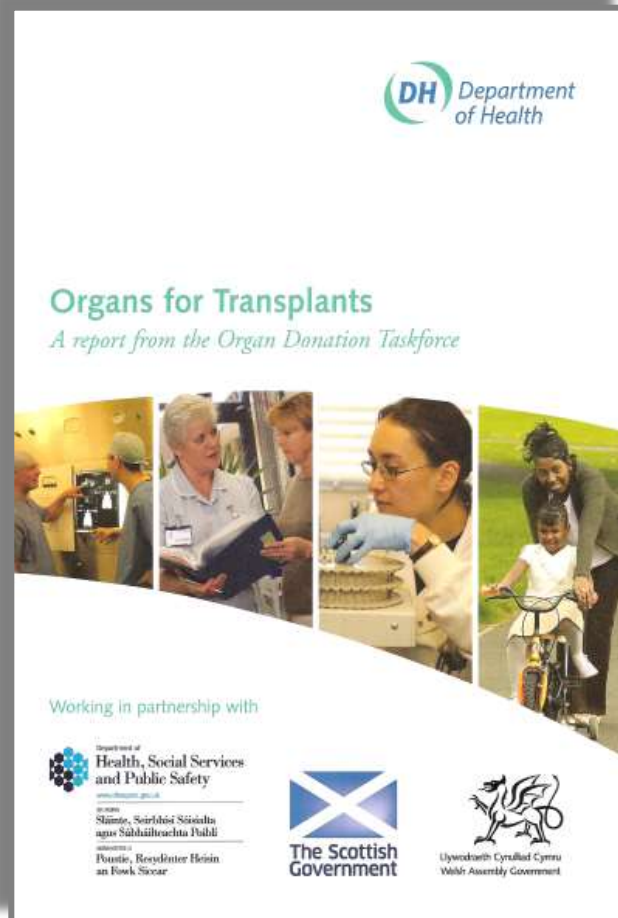
NHS Blood and Transplant

Deceased donors, transplants and transplant waiting lists, 1999 - 2006



Background

- ODTF established in 2006 at the request of the 4 UK Health Departments
- Report published in 2007
- 14 Recommendations
- Aim - to achieve a 50% increase in the number of organ donors



Findings of the ODTF

- Donation poorly understood, infrequent & disruptive
- Poor relationships between critical care and transplantation staff
- Complete absence of any oversight, regulation and governance
- High family refusal rates, general inconsistencies along the whole donation pathway

Not thought of as a routine part of end of life care

The emerging UK framework for donation

NHS Blood and Transplant

National ODO
Employment of SNODs
Commissioning of retrieval
Audit
Public engagement
Education and training

CLODs
SNODs
Donation
Committees

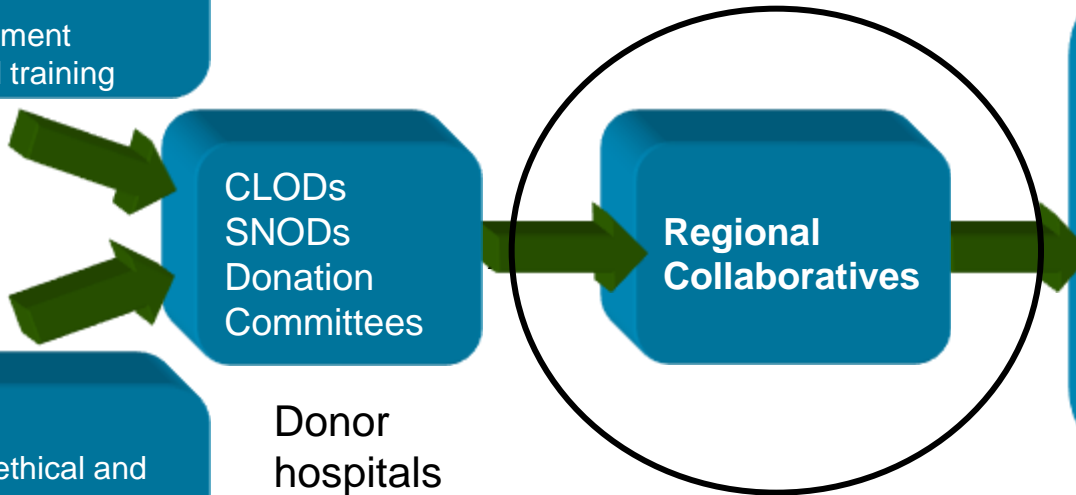
Regional
Collaboratives

**More patients
having their wishes
to donate
recognised, fulfilled
and maximised**

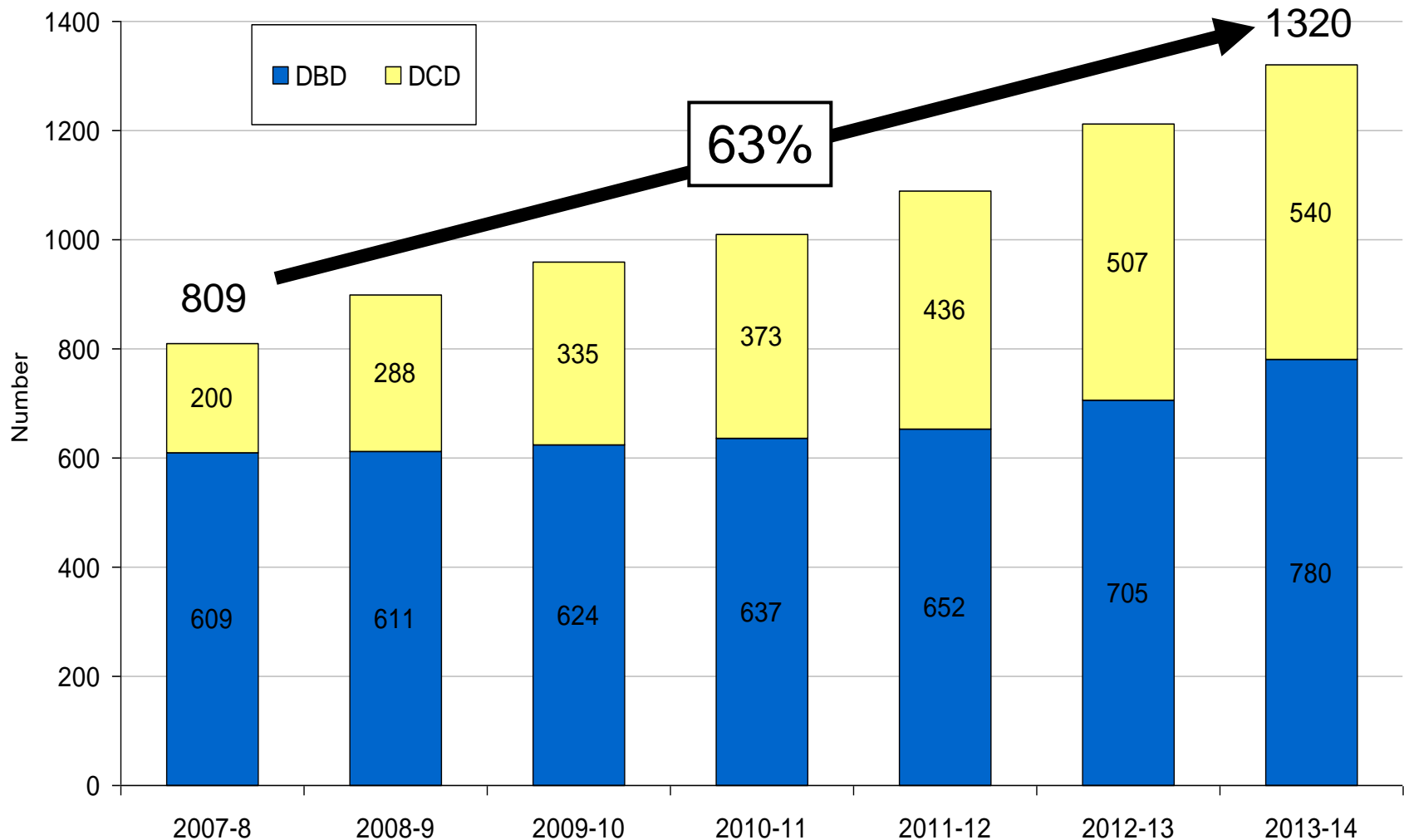
Funding
Resolution of ethical and
legal obstacles
Regulation
Public recognition

Donor
hospitals

Departments of Health and
Professional Societies



Deceased donors up to 2013-14



Over riding aim is to match world class performance in organ donation and transplantation

- 
- 1. Consent Rate – 80% by 2020**
 - 2. Deceased Organ Donors – 26pmp by 2020**
 - 3. Increase Organ Utilisation – 5% by 2020**
 - 4. Patients Transplanted – 74 pmp by 2020**

Overview of TOT2020

Who	Outcome
Society and individuals	Attitudes to organ donation will change and people will be proud to donate, when and if they can.
NHS hospitals and staff (donation)	Excellent care in support of organ donation will be routinely available and every effort made to ensure that each donor can give as many organs as possible.
NHS hospitals and staff (transplantation)	More organs will be usable and surgeons will be better supported to transplant organs safely into the most appropriate recipient.
NHSBT and Commissioners	Better support systems and processes will be in place to enable more donations and transplant operations to happen.

Taking Organ Transplantation to 2020

A UK strategy



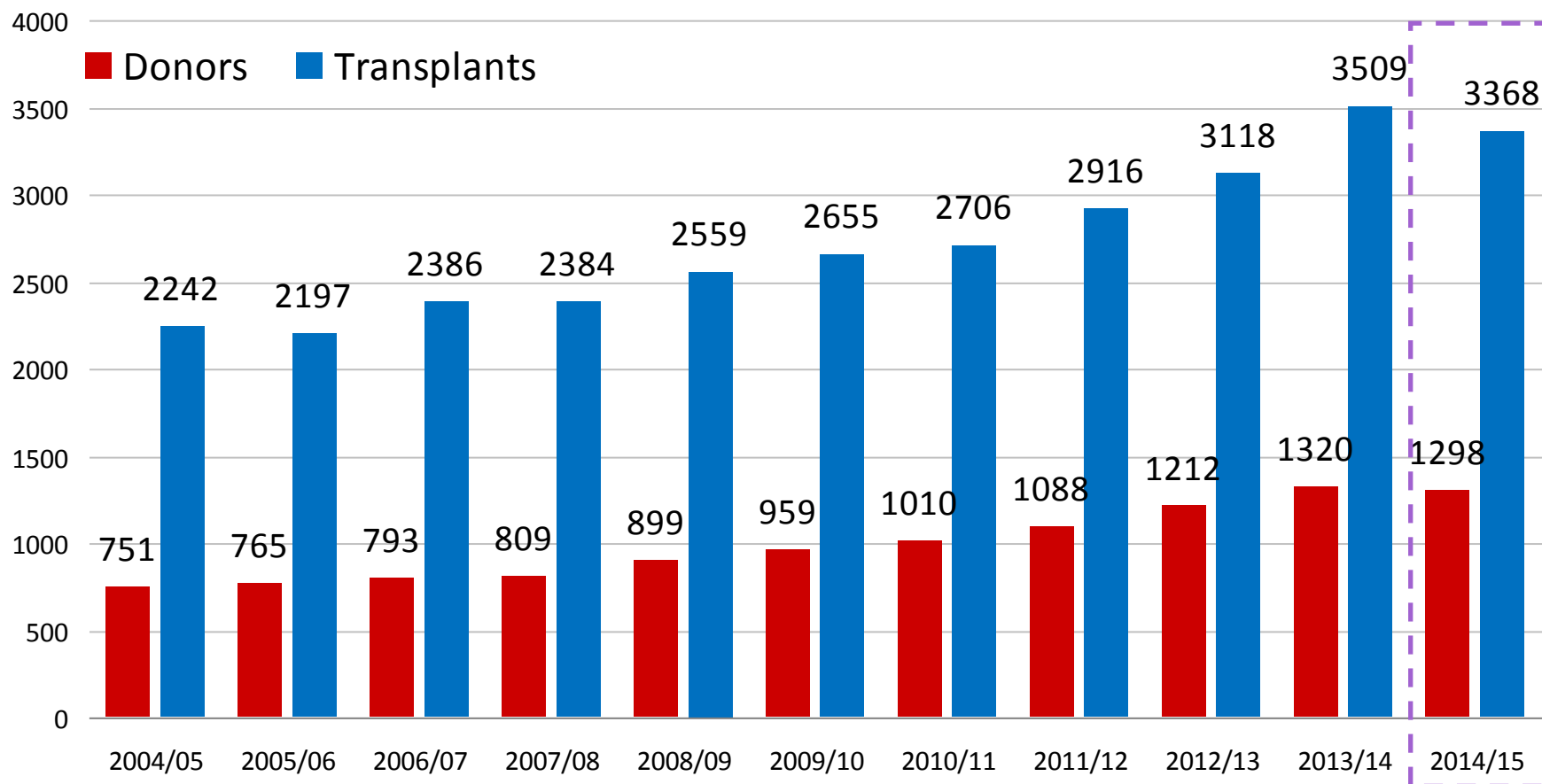
‘Should any of these groups fail to respond, the aims of this strategy will not be fully achieved.’

Deceased donors & transplants



Blood and Transplant

Predicted based on
activity to 1 Mar



Headlines for 2014/15



- Donor numbers slightly lower than 2013/14
- Transplant numbers down by 5.0%
- Consent rate overall still hovering below 60%

20 YEAR
SPAN

$\frac{20}{200}$

HOPE
RATING

1

O

$\frac{20}{100}$

P T I

2

$\frac{20}{70}$

M I S M

3

$\frac{20}{50}$

I S N O T

4

$\frac{20}{40}$

A N E Y E C

5

$\frac{20}{30}$

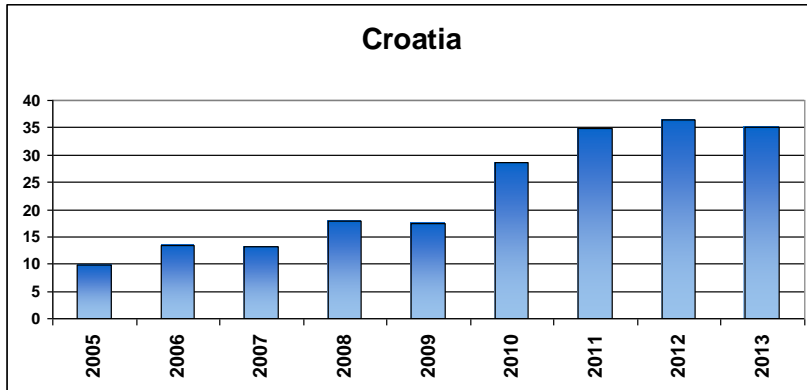
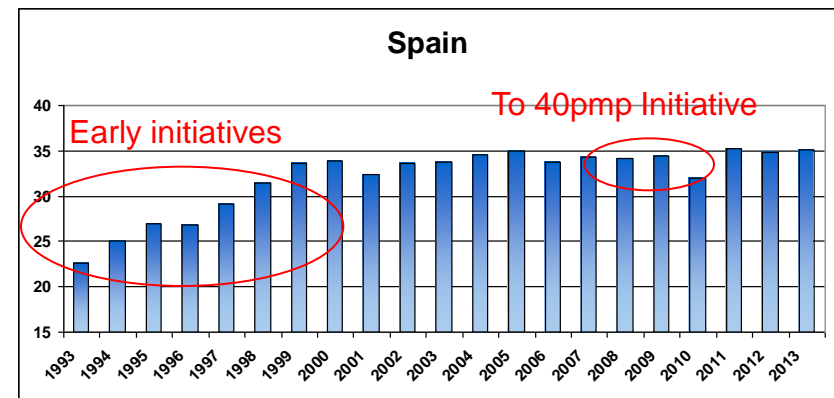
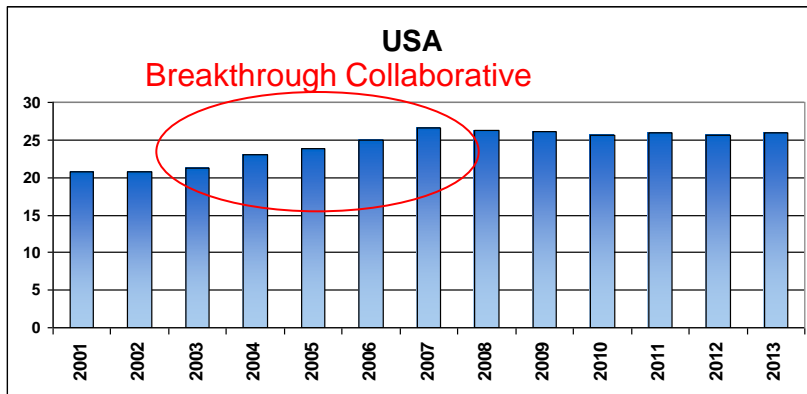
ONDITION

6



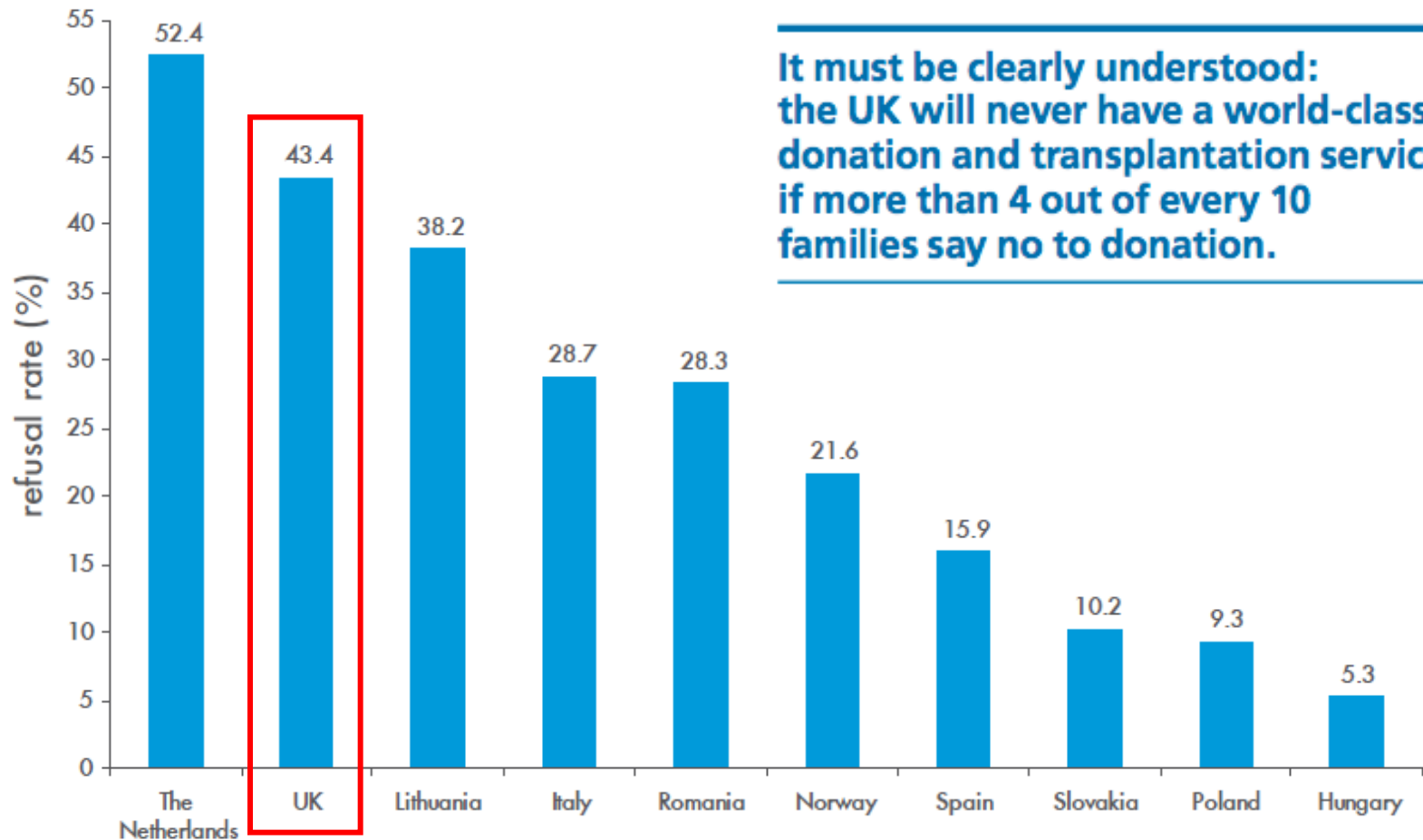
THE SUBJECT IS TO BE PLACED EXACTLY TWENTY FEET FROM THIS POSTER, EACH FOOT REPRESENTING A CALENDAR YEAR OF MORTAL EXISTENCE. BEGINNING FROM THE TOP OF THIS POSTER, THE HIMESTRY OPERATIVE WILL TAKE THE SUBJECT THROUGH THE STAGES OF SIGHT UNTIL A DISTURBANCE IN VISION OCCURS. ONCE THE OPTIMUM READABILITY HAS BEEN ESTABLISHED, THE SUBJECT WILL BE SCORED FOLLOWING THE FORMULAR OF DISTANCE MULTIPLIED BY THE RELEVANT 'HOPE RATING'. HIGH SCORING SUBJECTS WILL BE FILED, STAMPED AND INDEXED FOR FUTHER RECONDITIONING.

International Experience

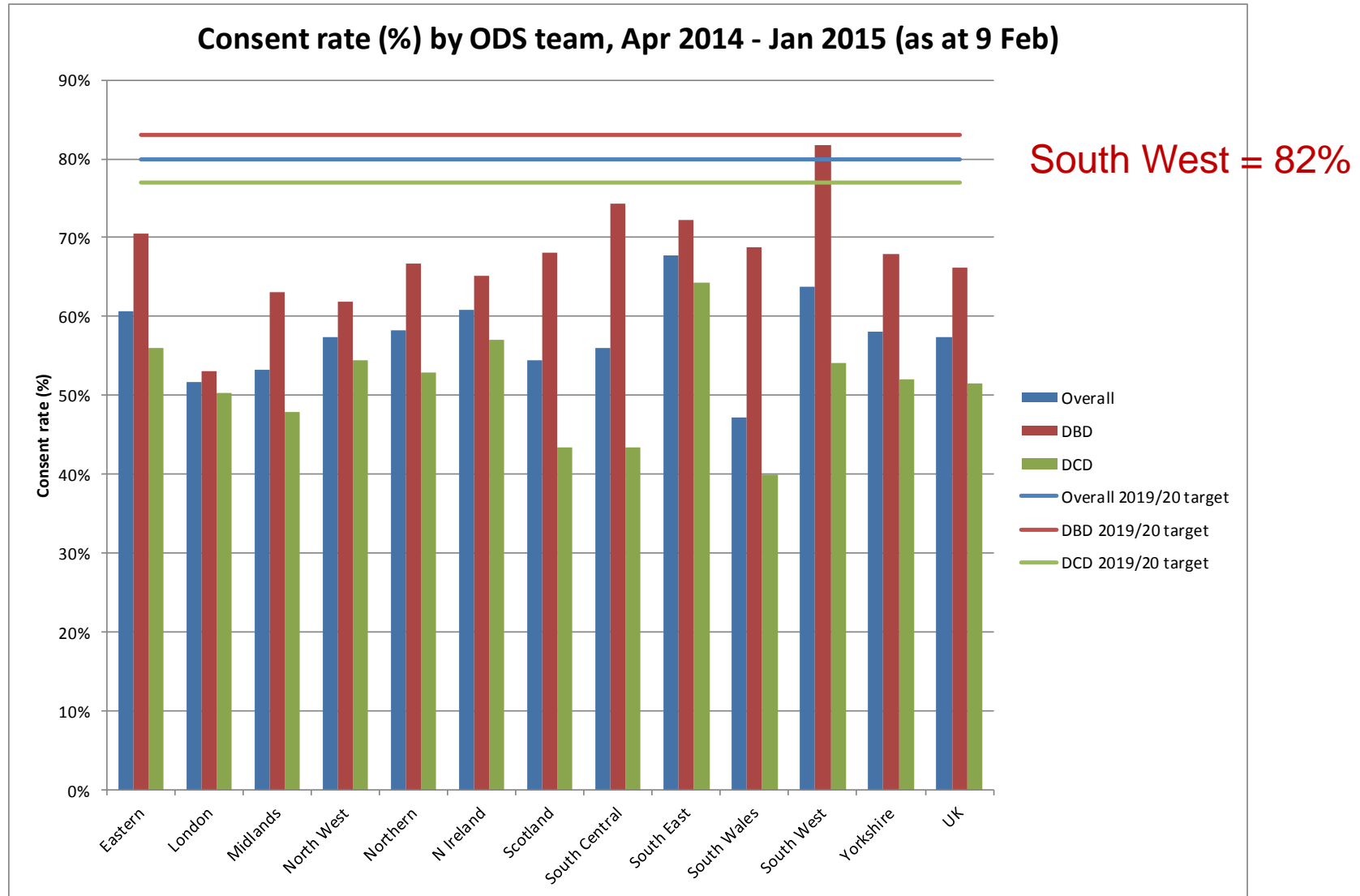


- Major initiatives have had an impact
- They have often been followed by an initial slump
- Further initiatives, such as in Spain, have been successful

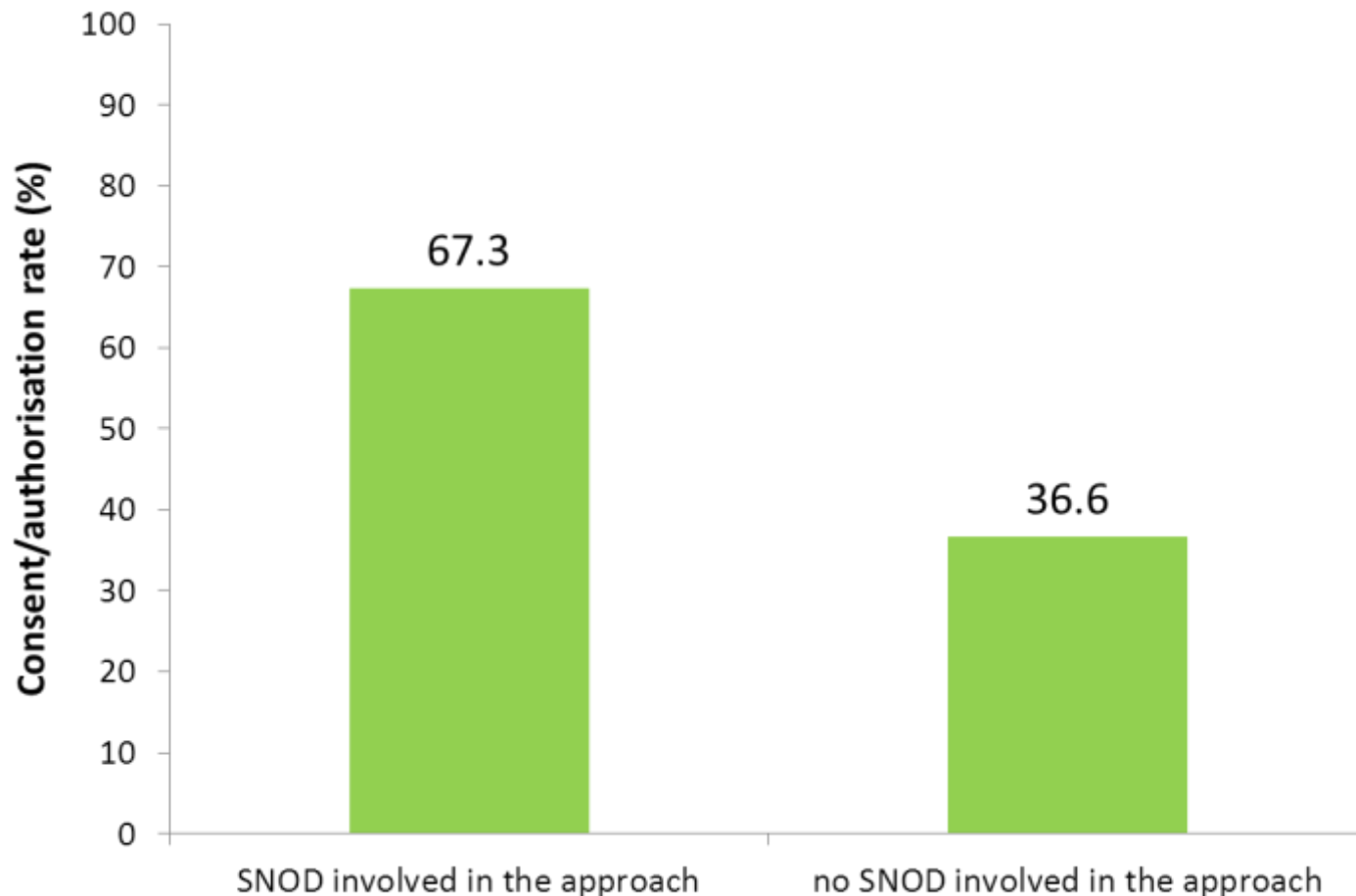
International family refusal rates 2012



A closer look...consent rates



Consent/authorisation rate by SNOD involvement for all eligible donors, UK 2013/14



Consistency delivers results

OD Regional Dashboard (YTD) YTD, up to and including: January 2015						
		BSD Testing	Referral	Approach	SNOD Present	Consent
Targets	Combined			57.9%	78.0%	61.5%
	DBD	81.0%	95.0%	93.5%	85.0%	72.5%
	DCD		75.0%	46.4%	73.0%	55.0%
Eastern	Combined			63.7%	80.1%	60.6%
	DBD	79.2%	93.6%	93.6%	85.2%	70.5%
	DCD		82.2%	55.4%	77.8%	56.1%
London	Combined			62.7%	88.8%	51.8%
	DBD	87.0%	96.6%	92.7%	92.2%	53.1%
	DCD		82.6%	46.1%	85.1%	50.3%
Midlands	Combined			57.3%	61.6%	53.2%
	DBD	75.9%	94.8%	94.9%	71.5%	63.1%
	DCD		69.1%	47.4%	56.5%	48.0%
North West	Combined			39.9%	90.7%	57.4%
	DBD	84.8%	95.6%	94.4%	94.9%	61.9%
	DCD		73.2%	28.5%	87.7%	54.4%
Northern	Combined			55.7%	75.0%	58.3%
	DBD	95.5%	100.0%	92.6%	90.7%	66.7%
	DCD		87.1%	44.3%	65.0%	53.0%
N Ireland	Combined			62.2%	78.4%	60.8%
	DBD	82.3%	91.9%	93.9%	84.8%	65.2%
	DCD		75.7%	48.7%	73.2%	57.1%
Scotland	Combined			72.6%	53.1%	54.5%
	DBD	85.0%	91.7%	95.9%	63.8%	68.1%
	DCD		73.0%	60.5%	44.3%	43.5%
South Central	Combined			57.3%	82.4%	56.0%
	DBD	68.5%	95.3%	94.0%	91.0%	74.4%
	DCD		70.4%	45.3%	76.5%	43.5%
South East	Combined			64.8%	90.3%	67.8%
	DBD	77.4%	96.8%	97.4%	96.4%	72.3%
	DCD		71.6%	51.6%	85.6%	64.4%
South Wales	Combined			60.5%	79.5%	47.2%
	DBD	56.9%	87.9%	97.0%	90.6%	68.8%
	DCD		78.6%	53.7%	75.8%	40.0%
South West	Combined			69.2%	66.8%	63.9%
	DBD	82.8%	99.0%	89.9%	80.3%	81.7%
	DCD		76.2%	61.5%	59.5%	54.2%
Yorkshire	Combined			55.2%	87.5%	58.2%
	DBD	79.7%	97.5%	92.0%	92.6%	67.9%
	DCD		78.3%	43.9%	84.3%	52.0%
National	Combined			58.1%	78.0%	57.4%
	DBD	80.5%	95.5%	94.0%	86.2%	66.1%
	DCD		76.0%	46.4%	72.5%	51.6%

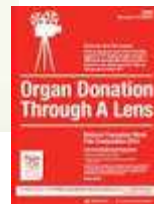
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	DCD		75.0%	46.4%	73.0%	55.0%
Eastern	Combined			63.7%	80.1%	60.6%
	DBD	79.2%	93.6%	93.6%	85.2%	70.5%
	DCD		82.2%	55.4%	77.8%	56.1%
South East	Combined			64.8%	90.3%	67.8%
	DBD	77.4%	96.8%	97.4%	96.4%	72.3%
	DCD		71.6%	51.6%	85.6%	64.4%

Outcome 1 – Strategic Initiatives

Promoting a change in public behaviour to increase consent

- Public Behaviour Strategy:

- Christmas campaign; sign for life premier football club campaign; Faith action plan activities eg Muslim scholar meeting; National Transplant week; TV adverts; Northern Ireland held a ‘talk to your family day’
- “Hot Housing” activity focusing on local partnerships and local community involvement. Pilot sites in Manchester and East Midlands.



Outcome 1 – Strategic Initiatives

Promoting a change in public behaviour to increase consent/auth

- New ODR to be launched 2015/16
- Legislative reform in Wales
- Community volunteer scheme
- Scotland have developed an E-book for schools, and TV/radio ads. A private members bill is proposing opt-out system for Scotland.

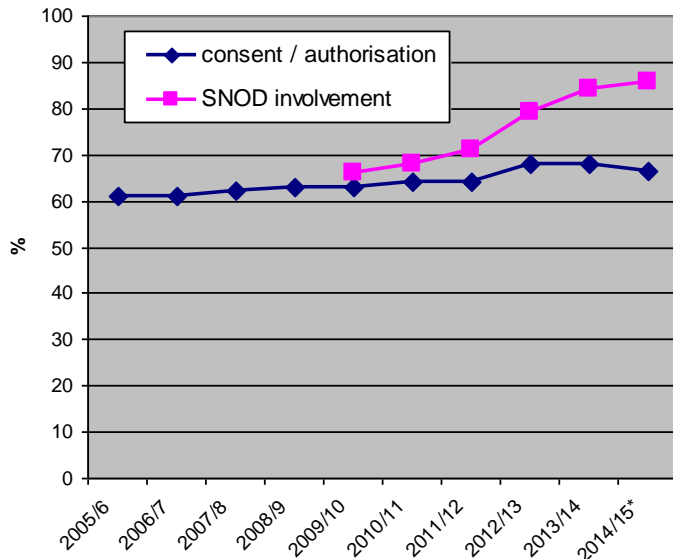
Applying Behavioural
Insights to Organ Donation:
preliminary results from a
randomised controlled trial

The screenshot shows the 'Organ Donation Wales' website. The header includes the NHS logo and 'Blood and Transplant' text. The main navigation bar has links for 'News & Events', 'Resources', 'Site Map', and 'Contact Us'. Below the header, there's a search bar with the text 'Cyrraeg' and a 'Go' button. A secondary navigation bar contains links for 'Organ donation is changing in Wales', 'FAQs', 'Your Stories', and a 'Join the Organ Donor Register' button. The main content area features a dark grey bar with links: 'What is organ donation?', 'What is changing and when?', 'Why change the system?', 'Who will the new law apply to?', 'Do I need to do anything now?', 'Can I opt-out yet?', 'Can I still join the Organ Donor Register?', and 'Watch our TV advert'. Below this, a large article titled 'Organ donation is changing in Wales' is displayed. The article text states: 'A new law on organ donation will come into force in Wales on 1 December 2015.' To the right of the article is a photo of a man lying in bed. Below the photo, a dark blue box contains the text: '253 days until the way you become an organ donor will change in Wales.' At the bottom of the article, it says: 'Only a very small number of people die in circumstances where they are able to donate their organs.'

Outcome 2 - Strategic Initiatives

Provide all staff (hospital) with support, training, resources needed to provide an excellent organ donation service & increase the number of donors

Donation after brain-stem death



- **Workforce Strategy**

- Designated requestor role pilot in 2 regions hypothesis being tested “increased exposure increases consent”. 9 month pilot commenced in April

- **Triage of potential donors (3month audit)**

- Objectives; rapid decision will increase referral rates; avoid unnecessary delays in end of life care; release SNOD time for other activities and generate more realistic contraindications to DCD

Outcome 2 - Strategic Initiatives

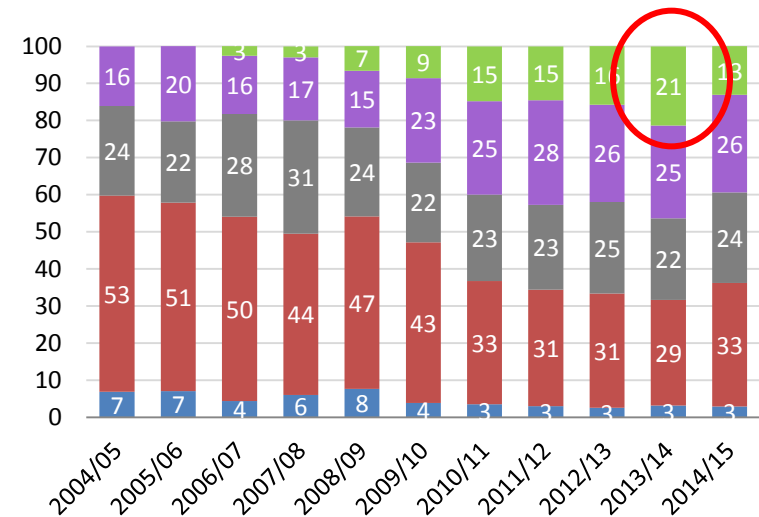
Provide all staff (hospital) with support, training, resources needed to provide an excellent organ donation service & increase the number of donors

- **Establish a National Hub**
 - To Improve support to hospitals & reduce delays in the donation pathway
 - 24 “call centre” to manage all organ & tissue referrals
- **Project to work collaboratively with Coroners/PF and Police underway**
 - To reduce incidences of objection to organ donation
 - Portfolio of evidence gathered – further evaluation required
 - Survey on relationships between staff and Coroners about to be launched

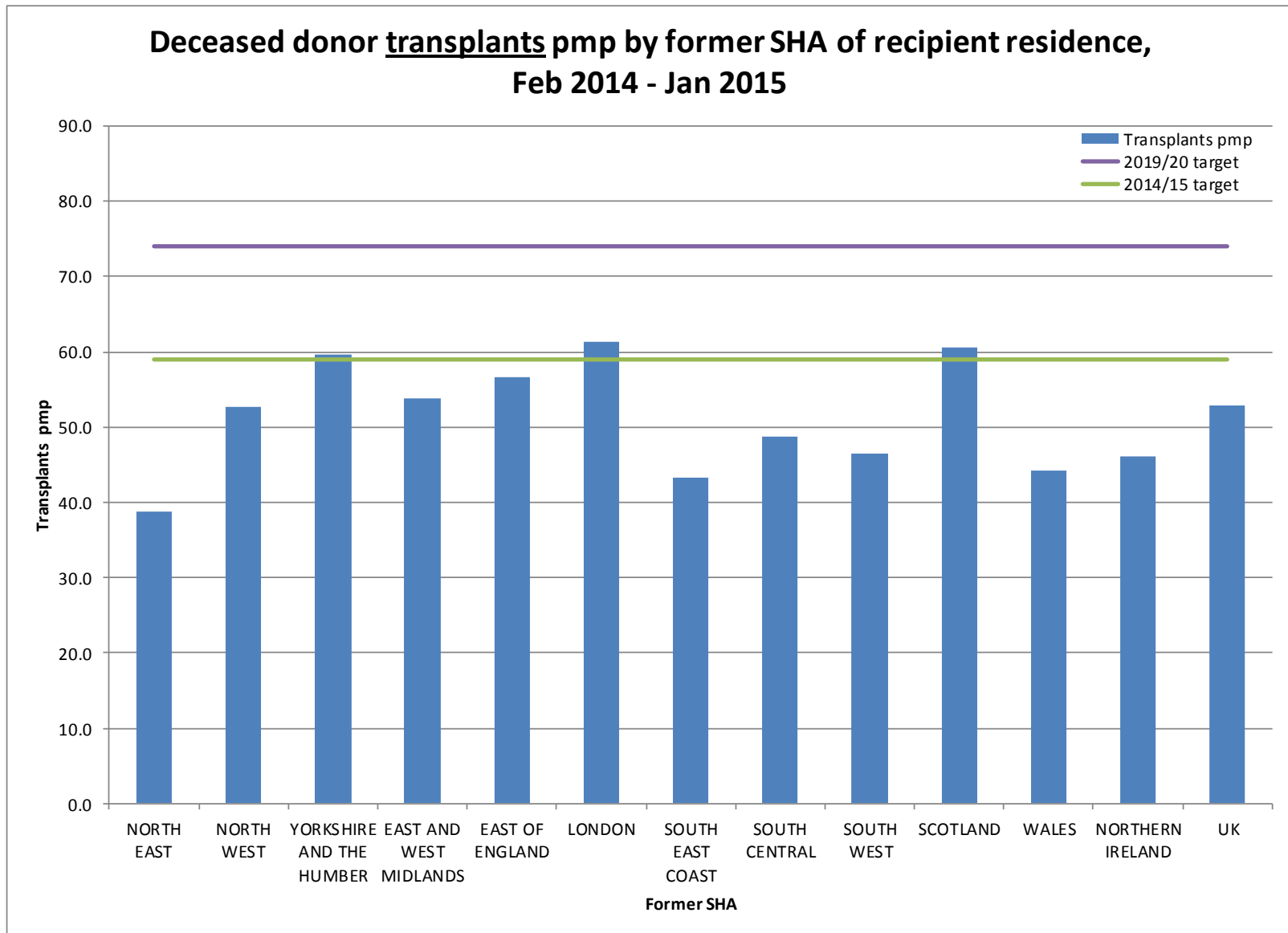
Outcome 3 – Strategic Initiatives

Increasing the number & quality of organs & improving organ utilisation

- DCD heart retrieval
- Improve donor optimisation
 - Phase II of Scout project
- Evaluate new techniques & technologies for organ preservation
 - In-situ normothermic regional perfusion
 - Ex-situ perfusion
- Peer review of transplant centres
- Accredited training for retrieval surgeons



A closer look...transplants pmp

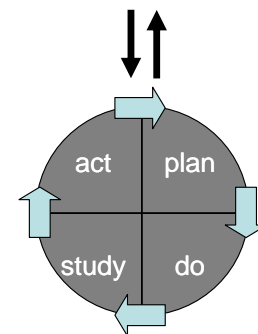
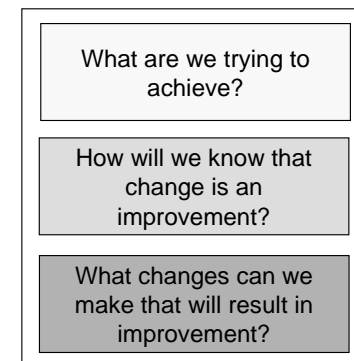


Note: Population data are not available for the Organ Donation Services Team areas

Outcome 4 – Strategic Initiatives

Improving support processes & systems to enable more donations & transplants

- Review NORS to ensure it meets requirements of 2020 strategy
- Accredited training programme for retrieval surgeons in development: working with Royal College of Surgeons and Dutch Transplant Service
- Training programme for all relevant healthcare professionals – neurosurgeons, anaesthetists, ED in organ donation
- Comprehensive review of IT systems and applications undertaken – DRT
- Strengthen Regional Collaboratives – ensure they are action focused on performance improvement, PDSA



Turning optimism into reality



- Trying new approaches
- Being persistent

Deceased donors & transplants

