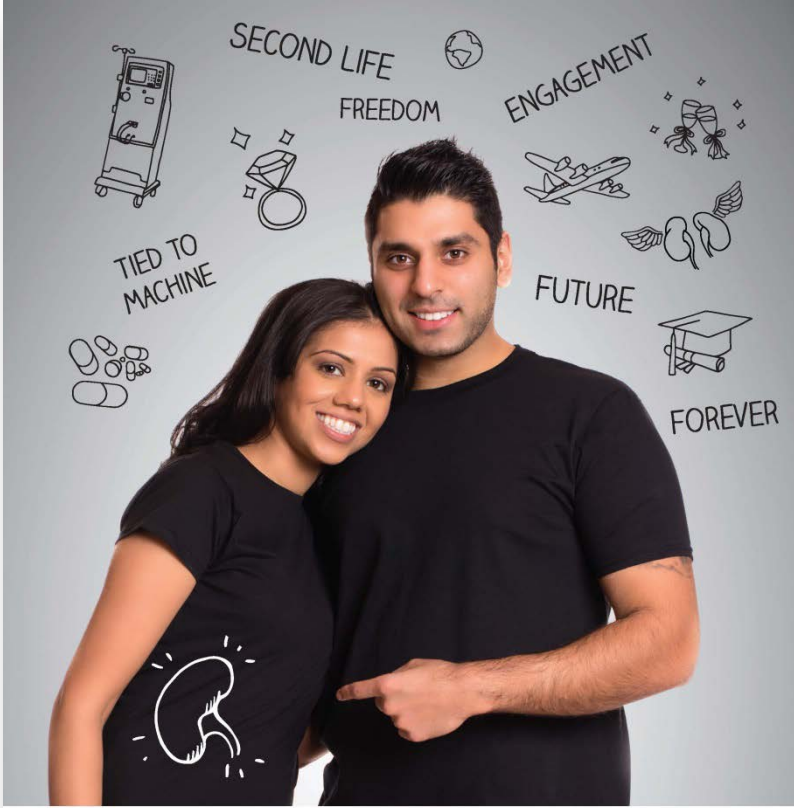


BC Transplant Update

Leanne Appleton, Provincial
Executive Director

*BC Kidney Days
November 1, 2018*

A photograph of a smiling couple, a man and a woman, both wearing black t-shirts. The woman's t-shirt features a hand-drawn kidney icon. The man is pointing towards the woman's t-shirt. Surrounding them are various hand-drawn icons and text: a dialysis machine, a diamond ring, a graduation cap, a plane, a globe, a kidney with wings, and several phrases. The phrases include "SECOND LIFE", "FREEDOM", "ENGAGEMENT", "TIED TO MACHINE", "FUTURE", and "FOREVER".

SECOND LIFE
FREEDOM
ENGAGEMENT
TIED TO MACHINE
FUTURE
FOREVER

**“A LIVING KIDNEY DONOR GAVE
ME MY LIFE BACK – NOW WE CAN
PLAN OUR FUTURE; TOGETHER.”**

BC Transplant – Priorities



Increase organ donation



Reduce the number of patients on the transplant wait list



Improve how we deliver care to transplant patients and donor families

Five key elements for high donation performance



Public awareness

BC Transplant: Raising Awareness



UPDATE

Final count:


5,203

REGISTRATIONS FOR ORGAN DONATION IN 48 HOURS



BC TRANSPLANT
#48in48

BC Transplant: Raising awareness — Social Media


 **BC Transplant**
Published by Hootsuite [?] · July 23 at 10:35 AM · 🌐

Be a hero. Register your decision to be an organ donor today at transplant.bc.ca

**"WITHOUT THE ORGAN DONOR,
THERE IS NO STORY,
THERE IS NO HOPE,
NO TRANSPLANT.**

**BUT WHEN THERE IS AN ORGAN DONOR,
LIFE SPRINGS FROM DEATH,
SORROW TURNS TO HOPE
AND A TERRIBLE LOSS BECOMES A GIFT"**

- U N O S -

 22,941 people reached

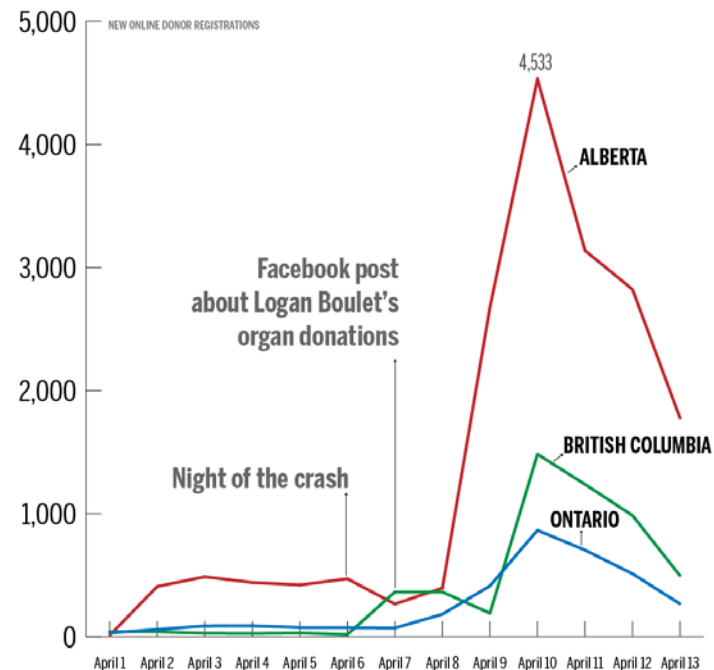
[Boost Post](#)



BC Transplant: Raising awareness — Impact








New online organ donor registrations after Humboldt Broncos bus crash



SOURCE: ONTARIO MINISTRY OF HEALTH AND LONG-TERM CARE, ALBERTA HEALTH, BC TRANSPLANT

Take action: register at transplant.bc.ca

Provincial Health Services Authority ▼ phsa.ca

 Follow us    

[Our Services](#) [Health Info](#) [Research](#) [About](#) [Contact](#) [Health Professionals](#) [Careers](#)

Register Your Decision!

1 organ donor can save up to 8 lives.

BC's Organ Donor Registry is the official registry of your wishes regarding organ donation. You may register a “yes” or a “no” decision. You only need to register your decision once.

To register your decision you need:

- your BC Personal Health Number
- your name, birth date and address
- to be at least 19 years old or have a parent/guardian sign on the minor's behalf
- If you are a member of the military and you do not have a BC PHN, please complete a [paper form](#) and mail it to BC Transplant – we will complete the registration process once we receive your form.
- **If you are having trouble registering your decision, please call our head office line at 604.877.2240 or 1.800.663.6189 for assistance.**

BC Transplant: Partnerships



B.C. organ donor list climbs more than 15% after ICBC campaign

ICBC launched its campaign to gather more potential organ donors last year

The Canadian Press - Posted: Mar 28, 2018 4:55 PM PT | Last Updated: March 28

556 Shares

ICBC campaign from last year leads to a spike in organ donors. (David Horemans/CBC)

Poll question!



What has been the growth in donor registrations since last year?

- a. 5%
- b. 10%
- c. 15%
- d. 20%

BC Transplant: Increasing registrations

1,310,109
REGISTRATIONS



As of September 1, 2018

Five key elements for high donation performance



Public awareness



Donation experts and
champions

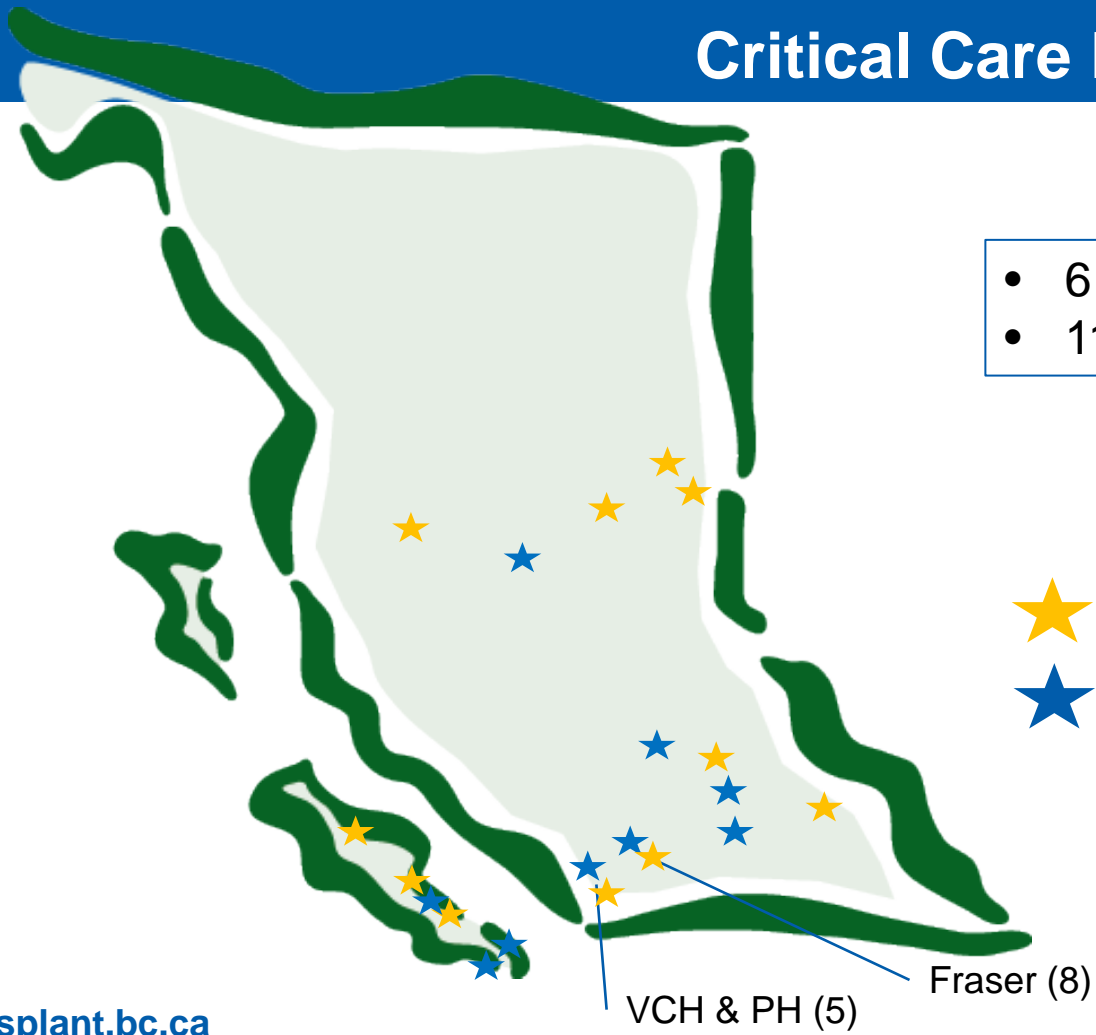


Partnerships with the perioperative
and critical care community

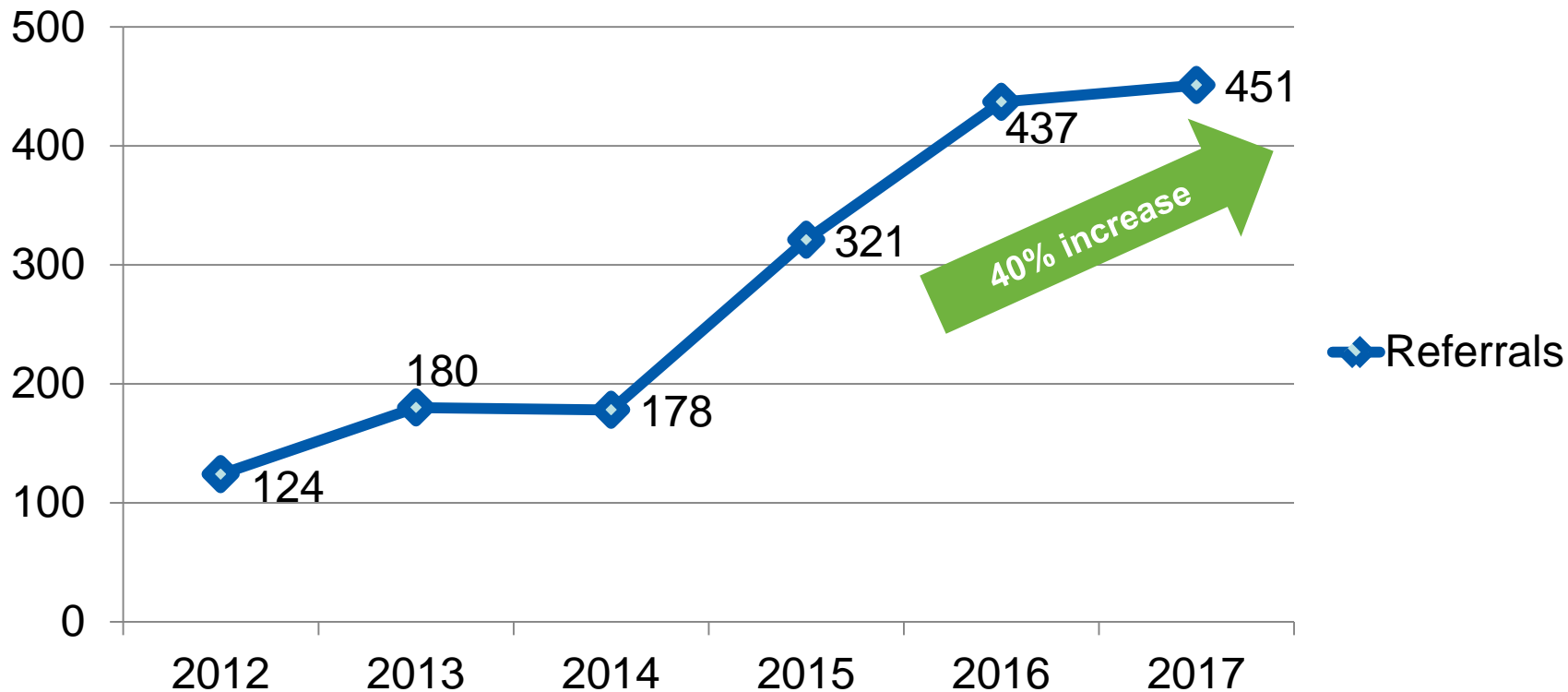
Critical Care Partnerships

- 6 in-hospital coordinators
- 11 physician champions

- ★ Donor referral hospitals
- ★ DCD-capable hospitals



BCT Referrals (2012-2016)



Five key elements for high donation performance



Public awareness



Donation experts and champions



Partnerships with the perioperative and critical care community



National best practices/ leading practices

National best practice /leading practices

Led through Canadian Blood Services:

- Standardized guidelines for neurological determination of death
 - Standardized guidelines for donation after cardio-circulatory death
 - Donor management guidelines
 - Donor family support and effective requesting as part of quality end of life care
-
- Living kidney donation – 19.6 DPM in 2017 – BC setting the benchmark for Canada



**Canadian
Blood
Services**

BLOOD
PLASMA
STEM CELLS
ORGANS
& TISSUES

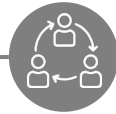
Five key elements for high donation performance



Public awareness



Donation experts and champions



Partnerships with the perioperative and critical care community



National best practices/ leading practices




Expanded programming

BC Transplant: Advancements


Local The National Opinion World Canada Politics Indigenous
Manitoba

Organ donation changes dying for those getting medically assisted death



People who have chosen to die with medical assistance are often the best candidates for donation

 Karen Pauls - CBC News - Posted: Jan 04, 2018 4:00 PM CT | Last Updated: January 4



Brian Wadsworth lived life to the limit. When Lou Gehrig's disease diminished his quality of life, he became one of the first people in Canada to request both medical assistance in dying and organ donation. (Brian Wadsworth's blog, Confusion on the Water)

When ALS diminished Brian Wadsworth's quality of life, he asked for medical assistance in dying. Organ donation was the natural next choice. And while the decision came with logistical challenges and ethical concerns, his loved ones say he never looked back.

"I think it's kind of Brian's character, it was always somebody else needed help, he was going to help. ... Even in his dying he was still able to help some people," says Rob Molyneux, a close

 NEWS BUSINESS SPORTS ARTS & LIFE HOMES TRAVEL CAREERS OBITS CLASSIFIED
NEWS LOCAL NEWS FEATURED: THE REAL SCOOP MEDICINE MATTERS THE SEARCH

 EMPLOYEE PRICING IS HERE
YOU PAY WHAT WE PAY

B.C. Transplant may accept hepatitis C positive donors now that there's a curative drug treatment for recipients who contract it

PAMELA FAYERMAN Updated: June 21, 2018



- Transplant First – pre-emptive kidney transplants
- Organ donation after MAiD
- Expansion of DCD-capable hospitals
- Hep-C positive donors
- Ex-vivo lung perfusion

Five key elements for high donation performance



Public awareness



Donation experts and
champions



Partnerships with the perioperative
and critical care community

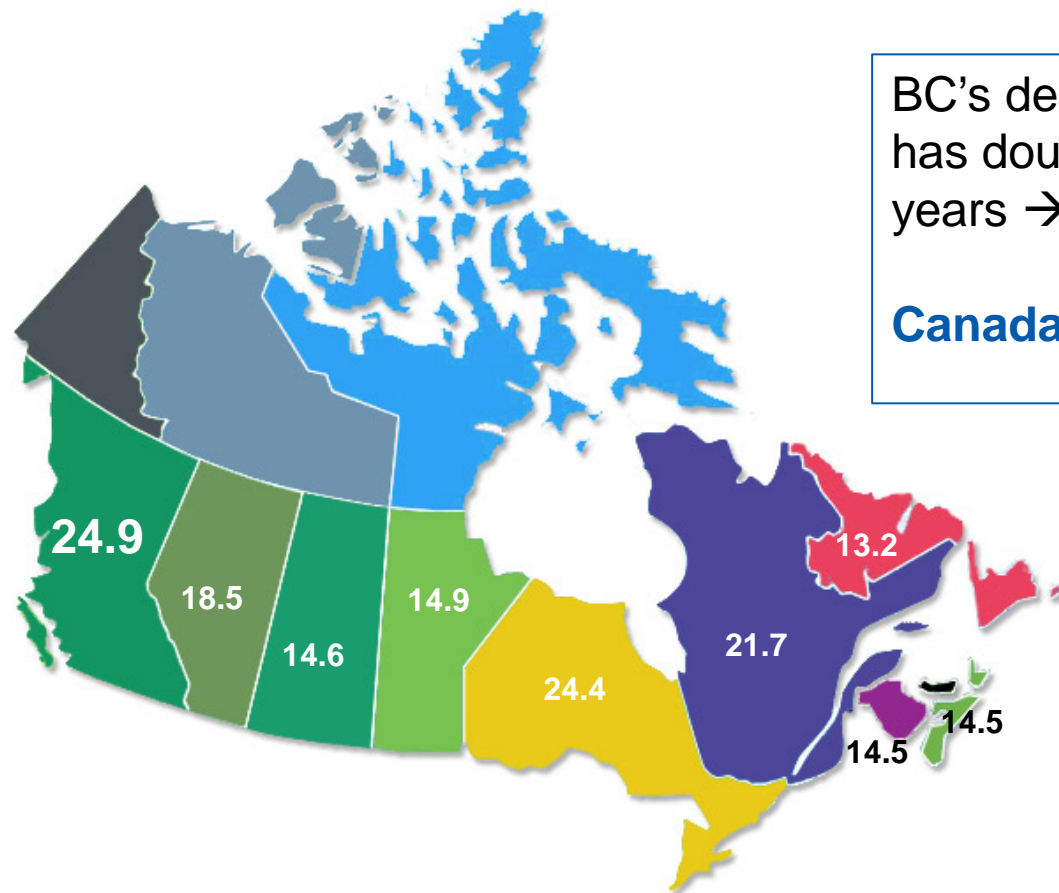


National best practices/ leading
practices



Expanded programming

Donor rate is the highest in Canada

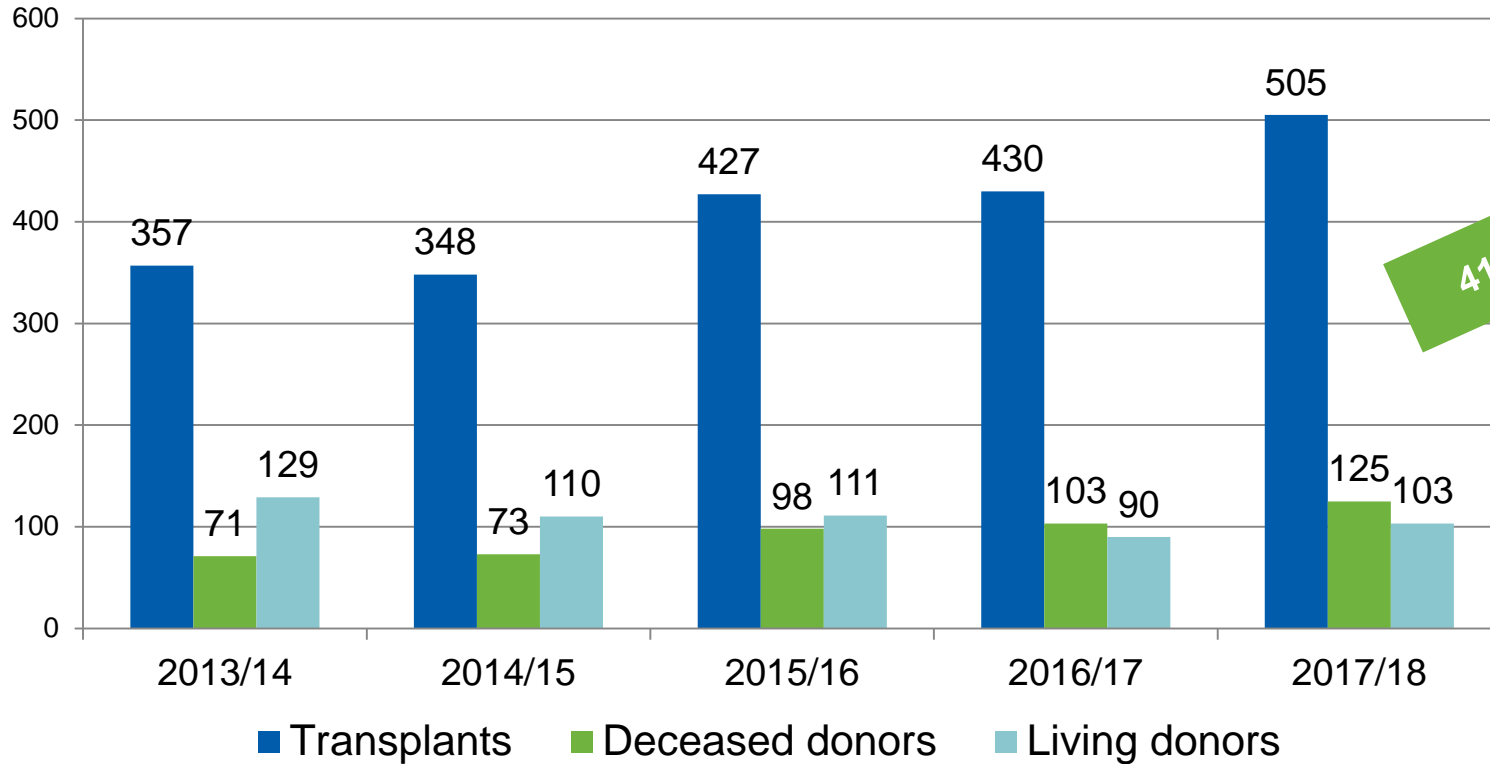


BC's deceased donor rate has doubled in the past 6 years → **BC: 24.9 dpm**

Canada: 21.8

(2017)

Number of transplants is increasing



Donation and Transplant Stats

	2016/17	2017/18	2018/19 (to Oct 23)
Kidney – deceased donor	190	228	132
Kidney – living donor	90	103	55
Liver – deceased donor	75	83	39
Heart	25	23	14
Lung	37	61	23
Pancreas-kidney/ pancreas/ pancreas islet	12	6	6
Other combinations	1	1	1
TOTAL	430	505	270



331 kidney transplants
last year (18% increase)

538 people still waiting
for a kidney transplant



4,810 British Columbians
receiving post- transplant
care

674 British Columbians
waiting for a transplant

Renal transplant patients followed in BC

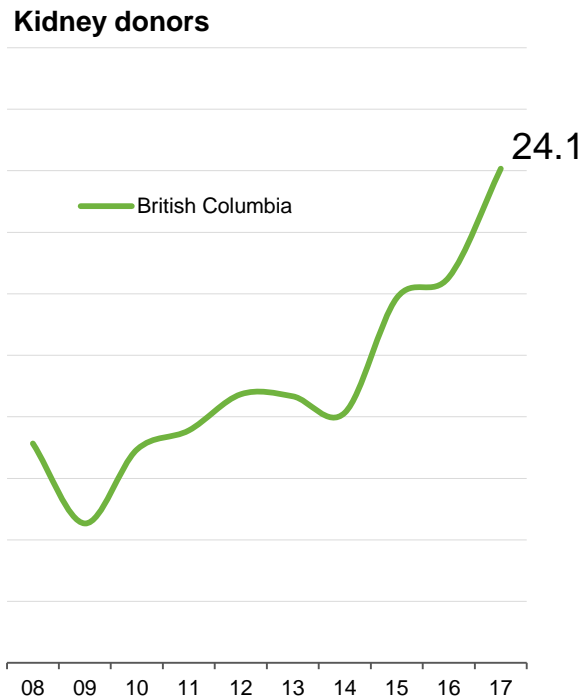
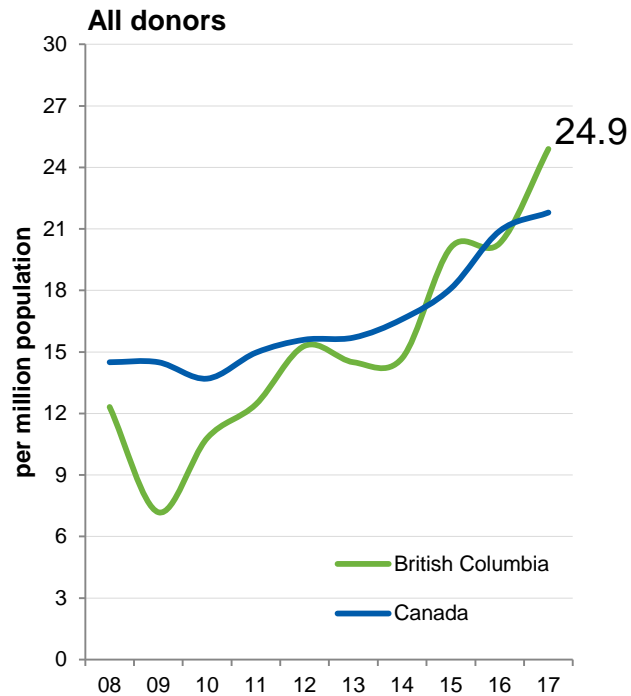
	Kidney	Pancreas -Kidney	Liver- Kidney	Heart- Kidney	Double lung- Kidney	Bowel- Kidney	Total
VGH	699	48	12	0	5	1	765
SPH	972	0	0	9	0	0	981
Children's	48	0	0	0	0	0	48
Fraser Valley	554	16	2	0	0	0	572
Victoria	257	9	3	1	0	0	270
Nanaimo	167	8	0	0	0	0	175
Kelowna	164	13	4	0	0	0	181
Penticton	75	4	0	0	0	0	79
Kamloops	127	7	0	0	0	0	134
Trail	61	3	1	0	0	0	65
Prince George	104	4	0	0	0	0	108
Other	9	0	0	0	0	0	9

3,387 renal
transplant
patients in BC

*Total transplants include donor organs originating in and imported to BC

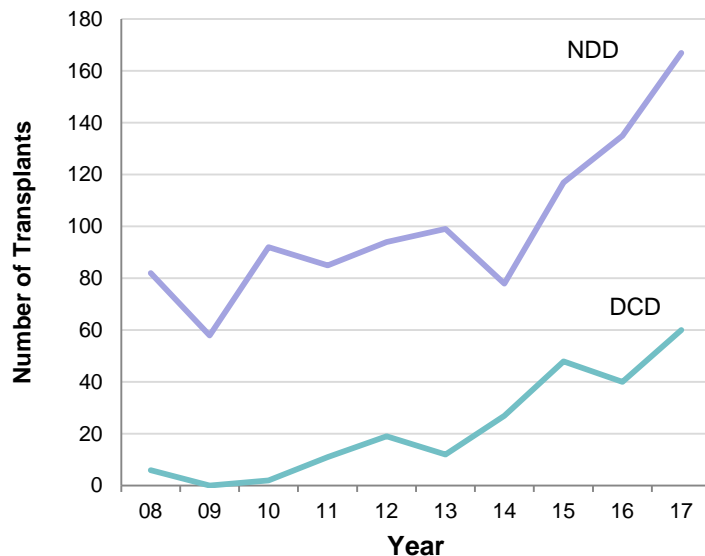
As of October 24, 2018

Donor rate is climbing



Year

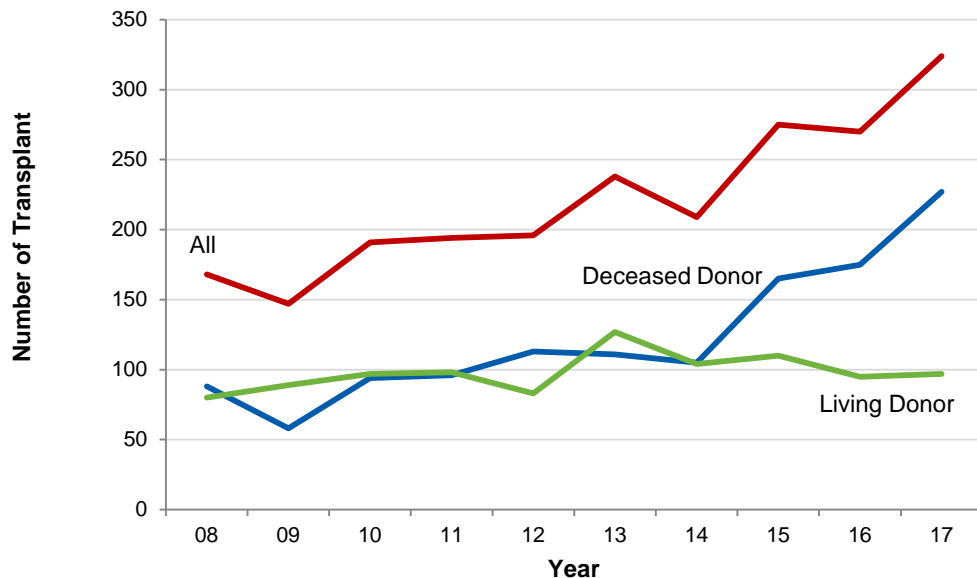
More donors are available



Deceased donor kidney transplants: DCD and NDD

Patients received a deceased donor kidney during the given year, including multi-organ transplants and pediatrics.

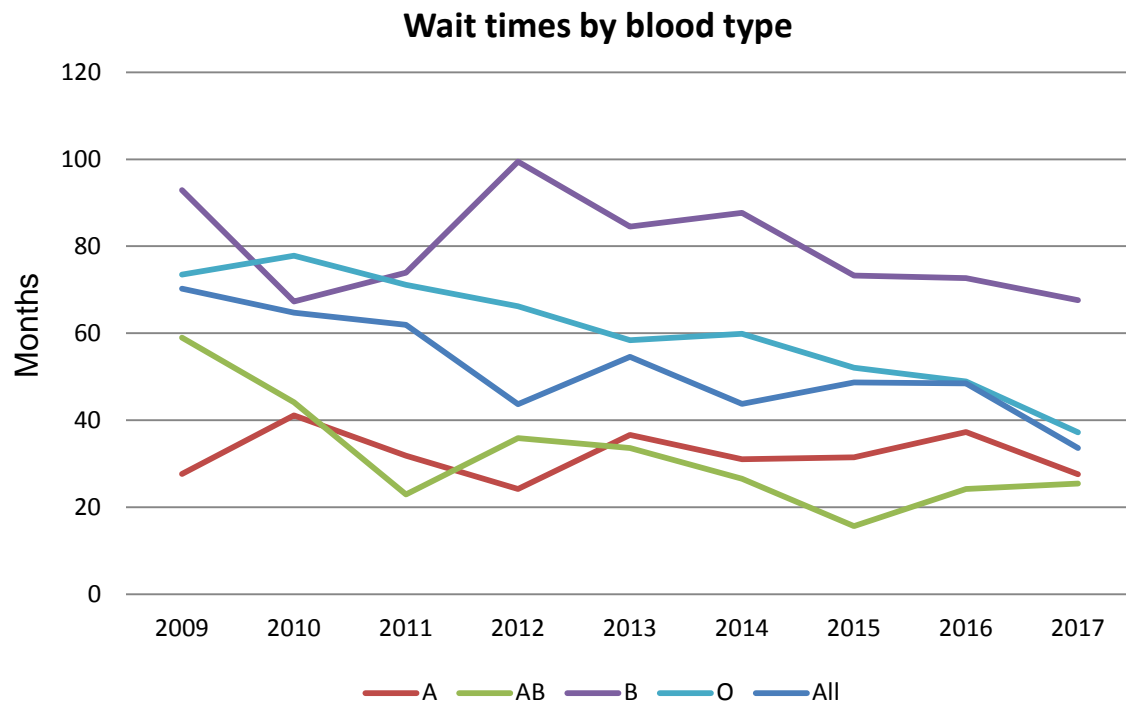
Kidney transplants by donor type



Total kidney transplants by donor type

Patients received a kidney during the given year, including multi-organ transplants and pediatrics.

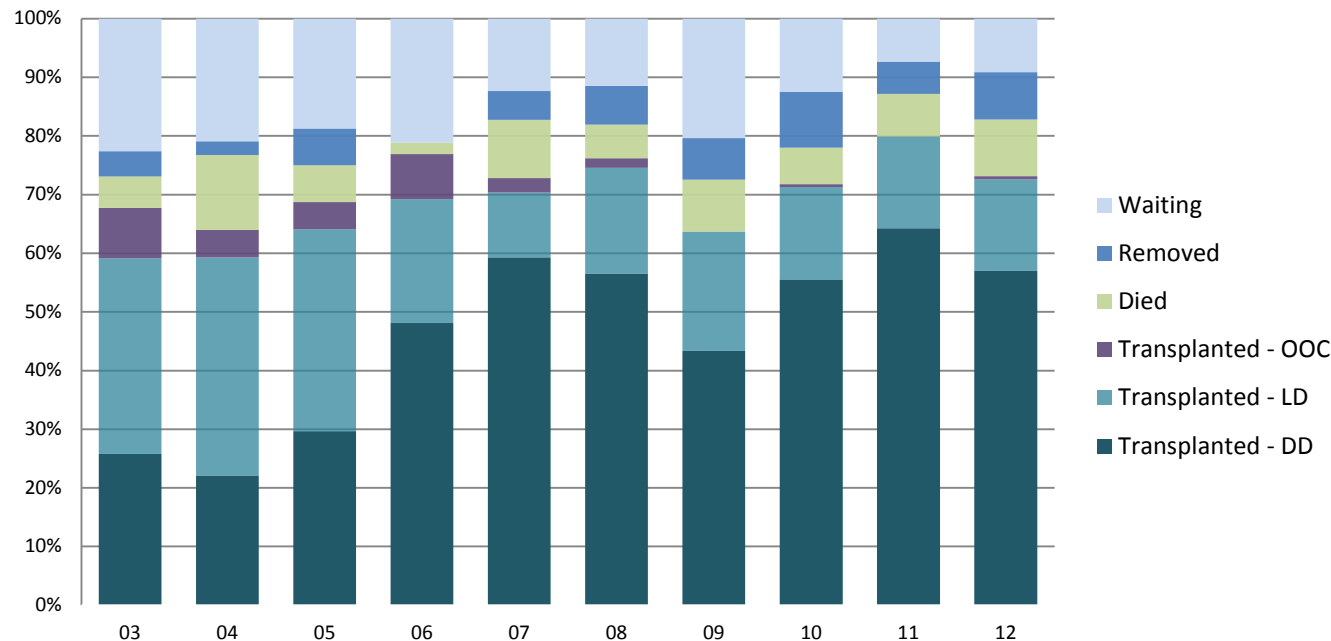
Wait times by blood type



Median wait time (in months) from dialysis to transplant for adult deceased donor kidney transplants by blood type (first kidney transplant)

Adult patients received a deceased donor kidney in the given year. Simultaneous multi-organ transplants and retransplants are excluded.

Most patients are transplanted within 5 years of listing

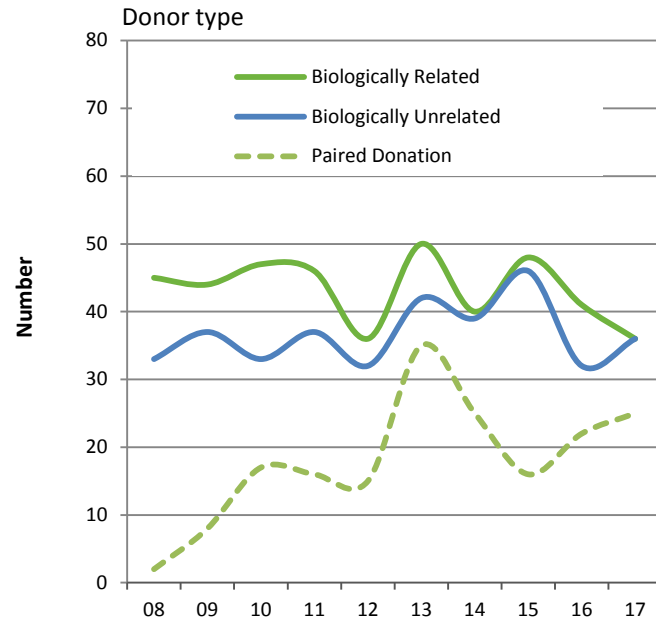
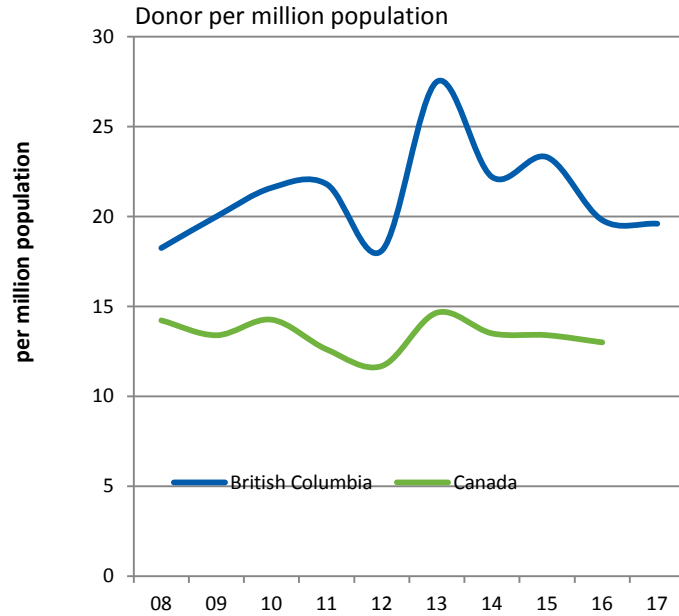


40% of patients waitlisted in 2000 were transplanted within 5 years with ~35% still waiting after 5 years
73% of patients waitlisted in 2012 were transplanted within 5 years with ~ 9% still waiting after 5 years

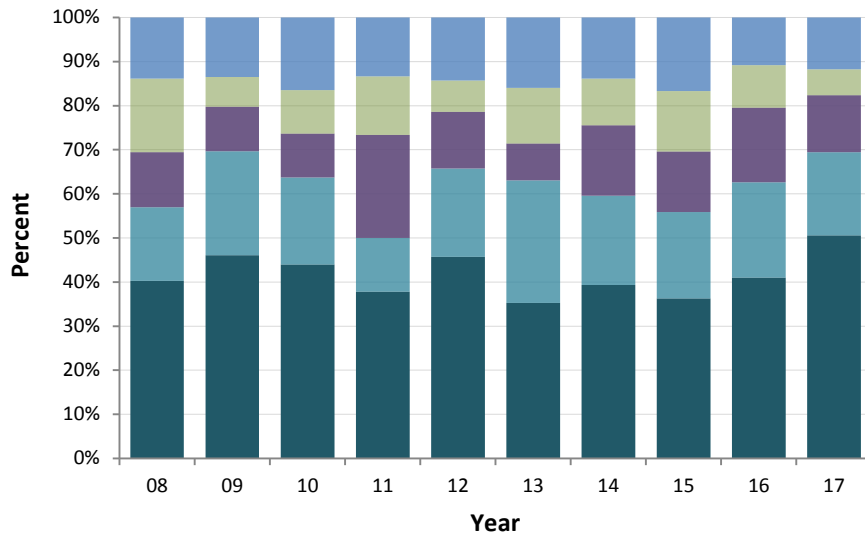
HSP Transplants in BC

Year	Out-of-Province Donor	BC Donor	Total
2014	2	2	4
2015	10	2	12
2016	11	7	18
2017	13	4	17
Total	36	15	51

Living Kidney Donation – BC still leads the country



Living kidney transplants happening sooner



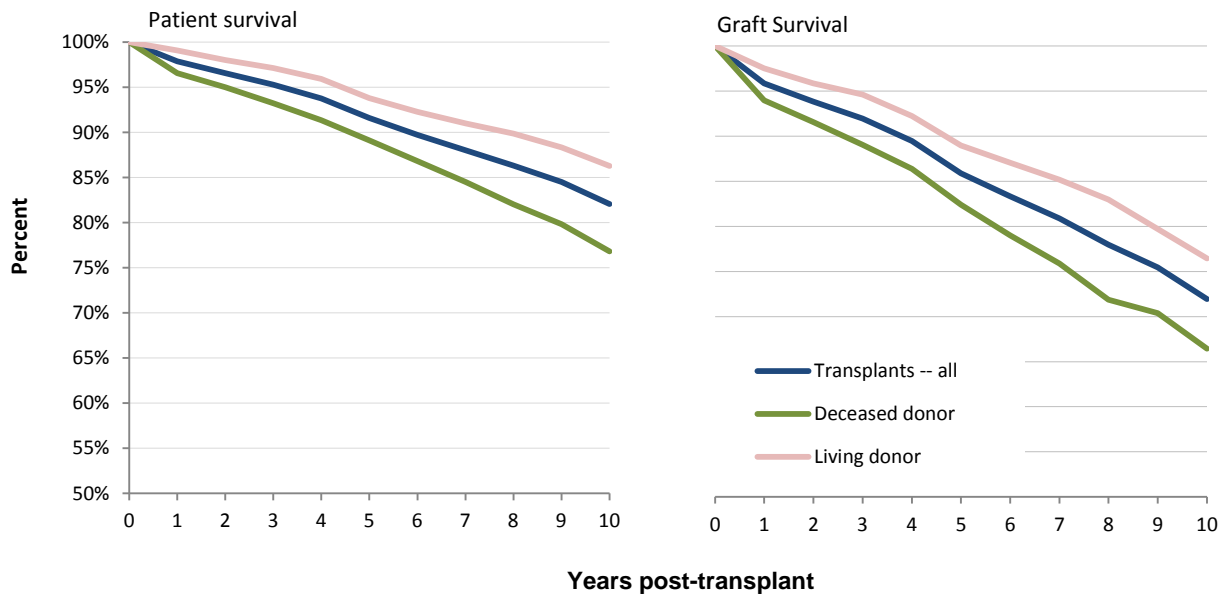
Proportion of people waiting for 2+ years for a living kidney transplant has decreased

■ Preemptive ■ < 1 Year ■ 1-2 Year ■ 2-3 Year ■ > 3 Year

Distribution of time from dialysis to transplant among living donor kidney transplants (first kidney transplant)

All patients (including pediatric patients) received a living donor kidney in the given year.

Patient and graft survival



Patient and graft survival among first kidney transplants, by donor type

Patients who received a kidney in BC from 2000 to 2015, including pediatrics.

Simultaneous multi-organ transplants and retransplants are excluded.

Poll question!



Which organ was the first ever transplanted in British Columbia in 1968?

- a. Kidney
- b. Liver
- c. Heart
- d. Lungs

