

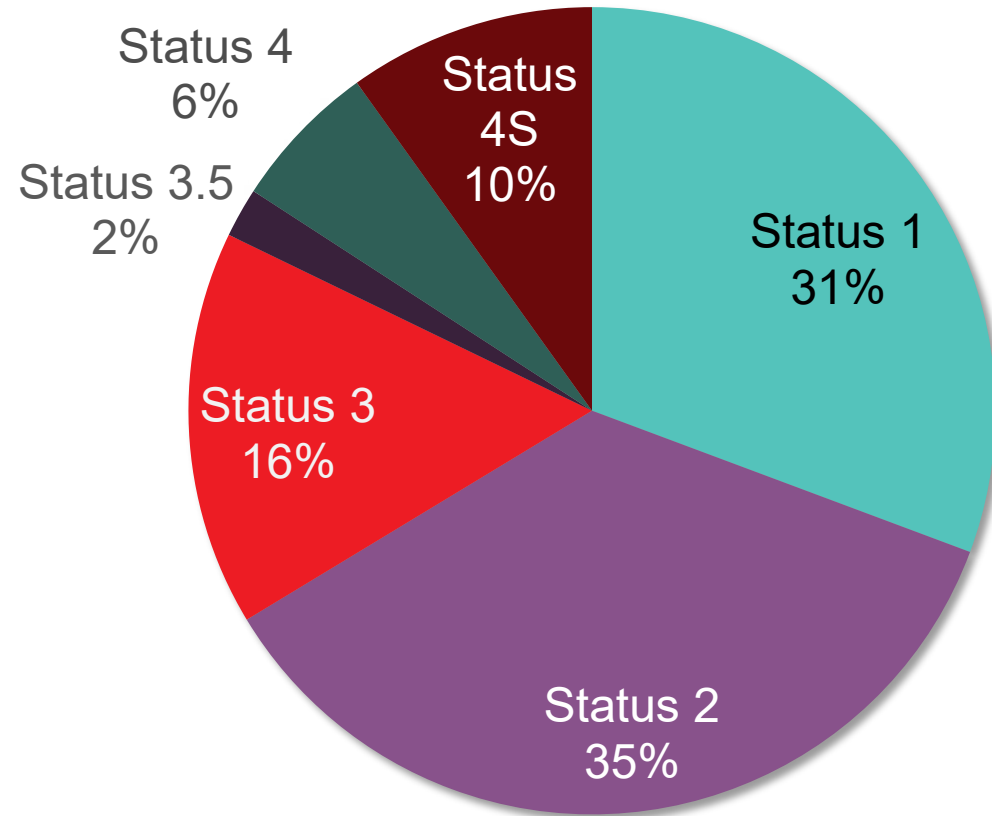
# CCTN Meeting

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October 2022  
Dr. Brian Clarke



# Active Heart Transplant Candidates on National Organ Waitlist by Medical Status, as of September 30, 2022

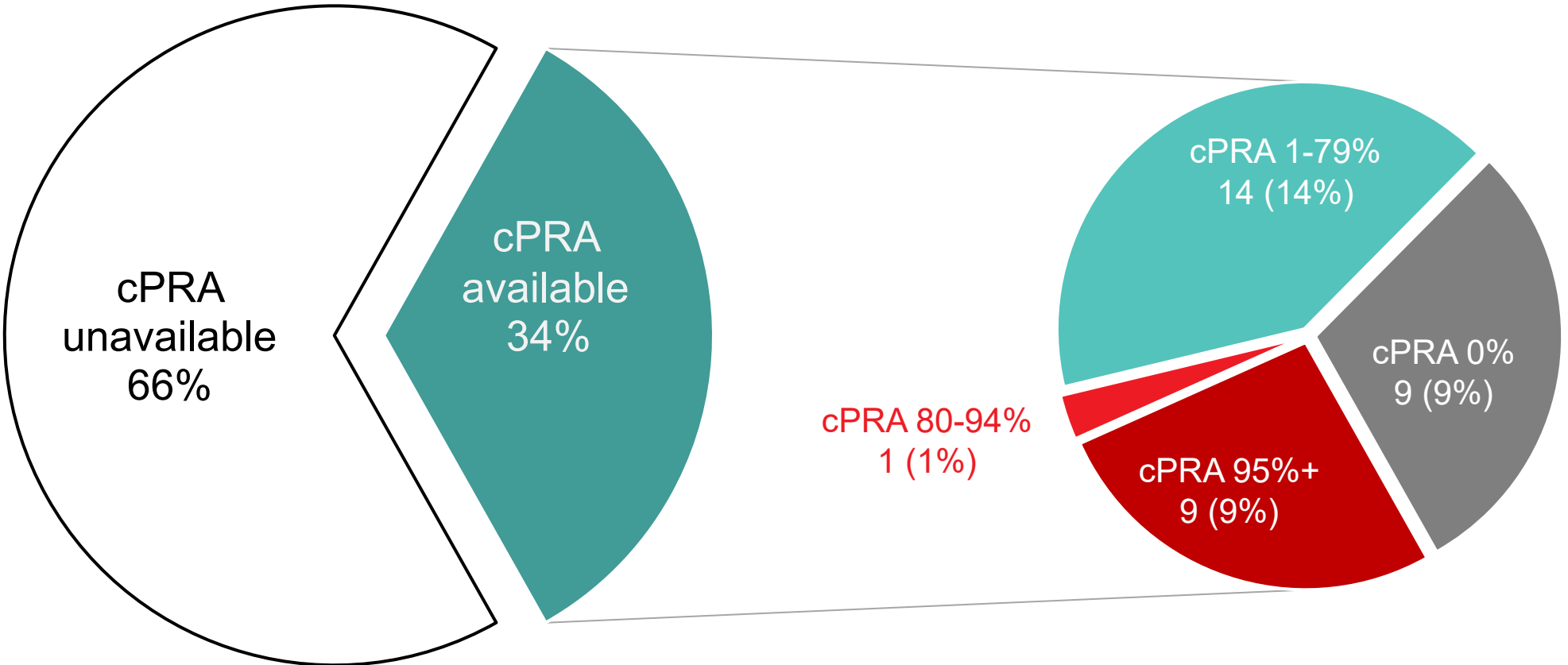


**Canadian  
Blood  
Services**

BLOOD  
PLASMA  
STEM CELLS  
ORGANS  
& TISSUES

**N = 101**

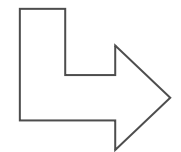
# Active Heart Transplant Candidates on National Organ Waitlist by cPRA, as of September 30, 2022



# Profile of Active Heart Transplant Candidates on NOW as of September 30, 2021 (1 of 2)

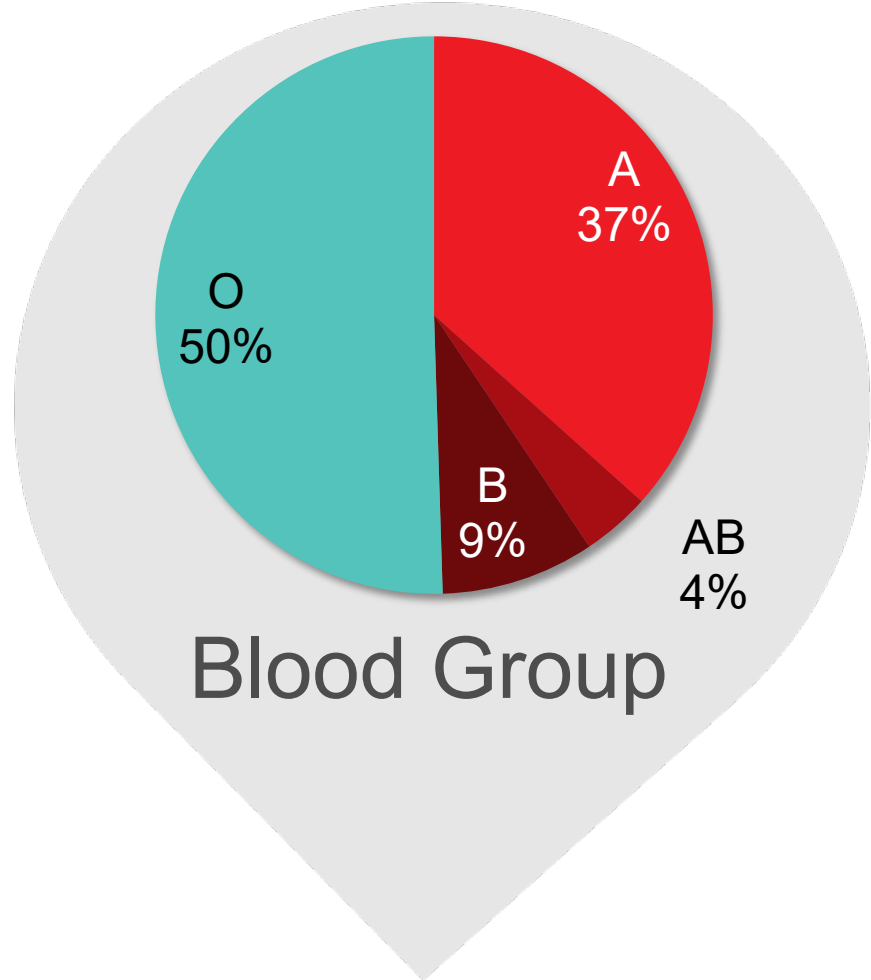
Total Active Heart Patients

**101** 14 Pediatric  
87 Adult



**3 Multi-Organ**

- 2 Heart-Liver (adult)
- 1 Heart-Lung (adult)



# Profile of Active Heart Transplant Candidates on NOW as of September 30, 2022 (2 of 2)

68  
Male

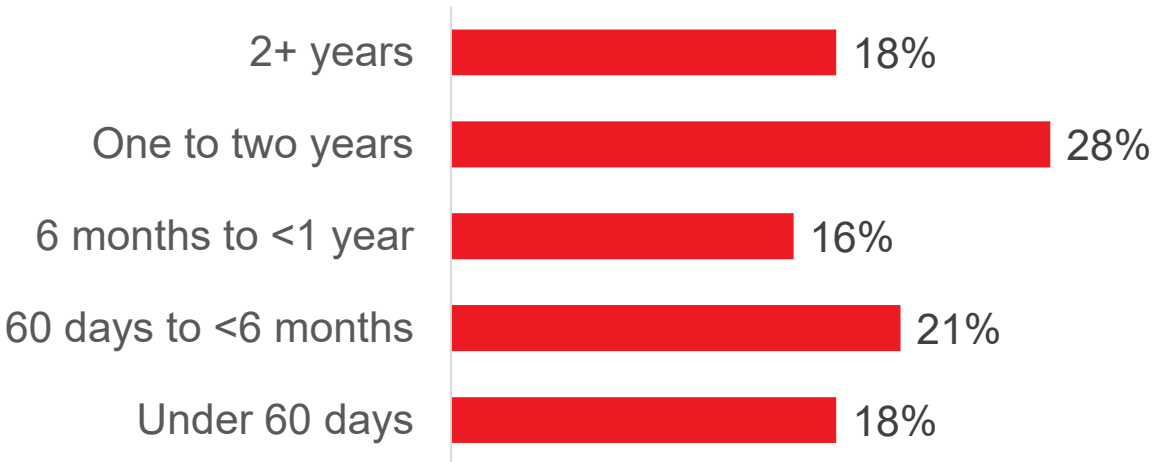
33  
Female

Average  
Age  
45

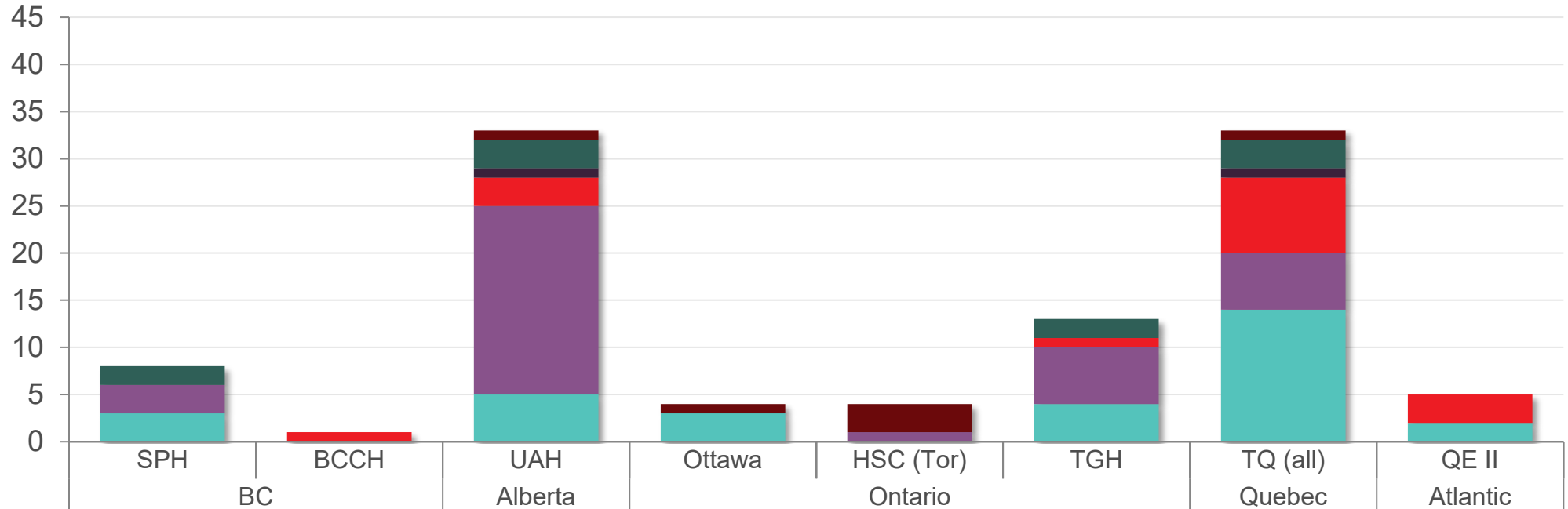
Average Wait Time  
from List Date

465  
Days

Active candidates by time waiting



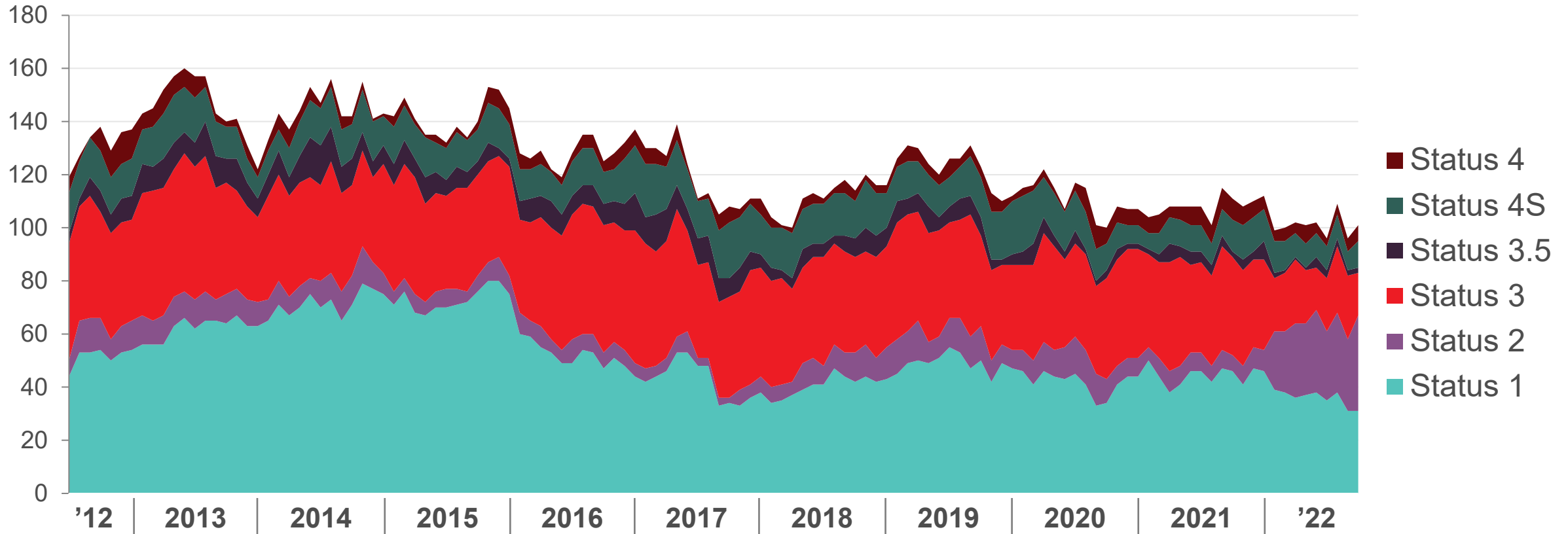
# Active Heart Transplant Candidates on NOW by Status and Transplant Program, as of September 30, 2022



	SPH	BC	BCCH	UAH Alberta	Ottawa	HSC (Tor) Ontario	TGH	TQ (all) Quebec	QE II Atlantic
■ Status 4				1	1	3		1	
■ Status 4S	2			3			2	3	
■ Status 3.5				1				1	
■ Status 3			1	3			1	8	3
■ Status 2	3			20		1	6	6	
■ Status 1	3			5	3		4	14	2

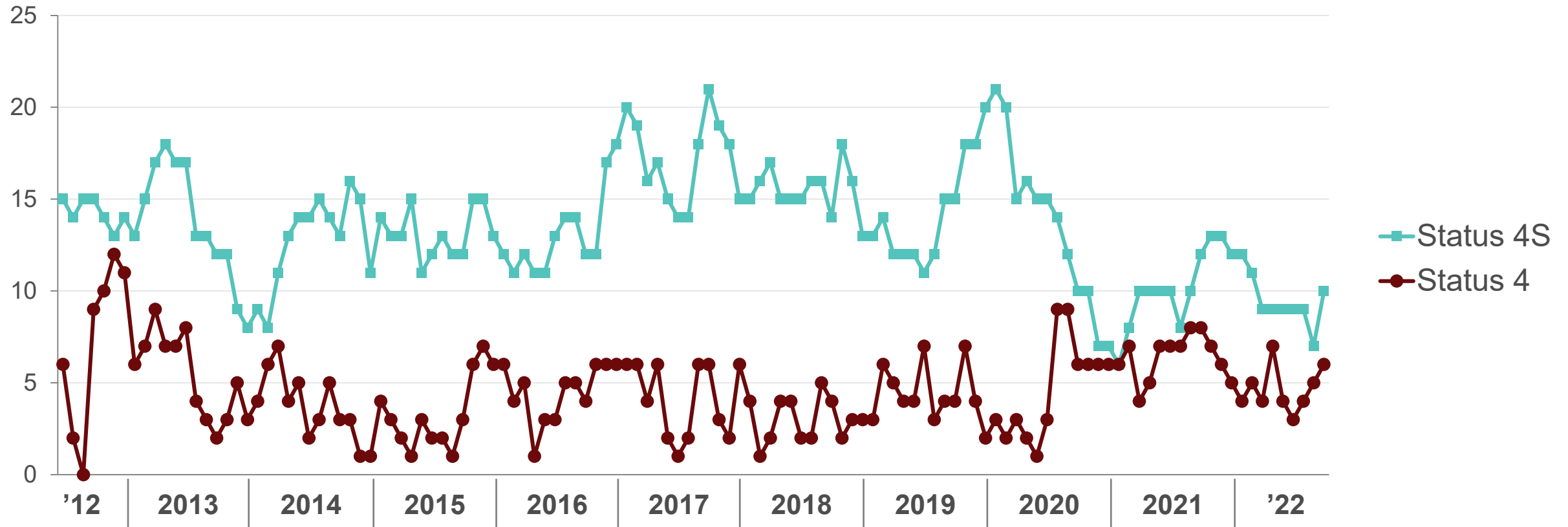
# Active Heart Transplant Candidates on National Organ Waitlist by Medical Status

Results from initiation of the National Organ Waitlist (June 2012) to September 30, 2022



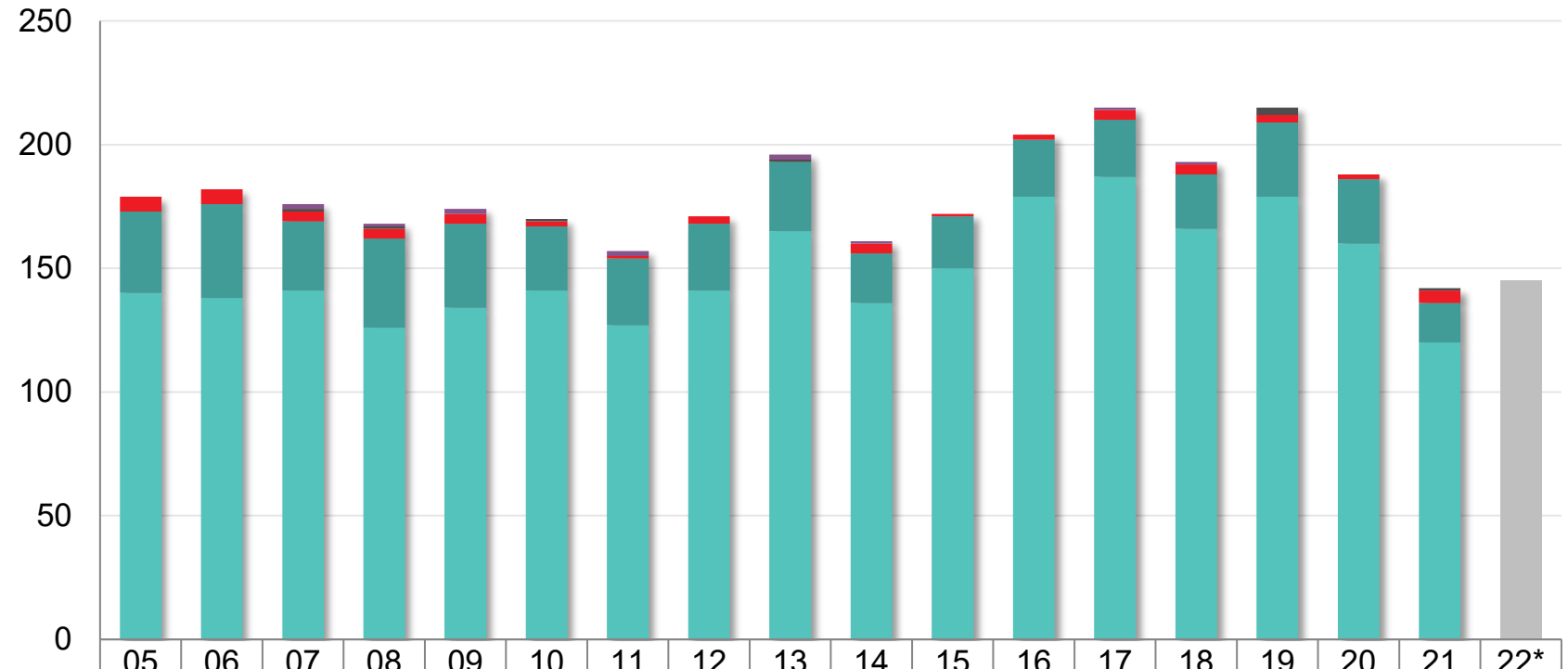
# Active Status 4 and 4S Heart Transplant Candidates on National Organ Waitlist

Results from initiation of the National Organ Waitlist (June 2012) to September 30, 2022





# Heart Transplants by Calendar Year: 2005-2022



	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22*
Total	179	182	176	168	174	170	157	171	196	161	172	204	215	193	215	188	142	145
Multi-Organ: Heart-Kidney	0	0	2	1	2	0	2	0	2	1	0	0	1	1	0	0	0	
Multi-Organ: Heart-Liver	0	0	1	1	0	1	0	0	1	0	0	0	0	0	3	0	1	
Multi-organ: Heart-Lung	6	6	4	4	4	2	1	3	0	4	1	2	4	4	3	2	5	
Single heart (Ped)	33	38	28	36	34	26	27	27	28	20	21	23	23	22	30	26	16	
Single Heart (Adult)	140	138	141	126	134	141	127	141	165	136	150	179	187	166	179	160	120	



*\*Estimate for 2022 based on transplant rate to date as represented in NOW data; validated total and breakdown by transplant types is pending.*



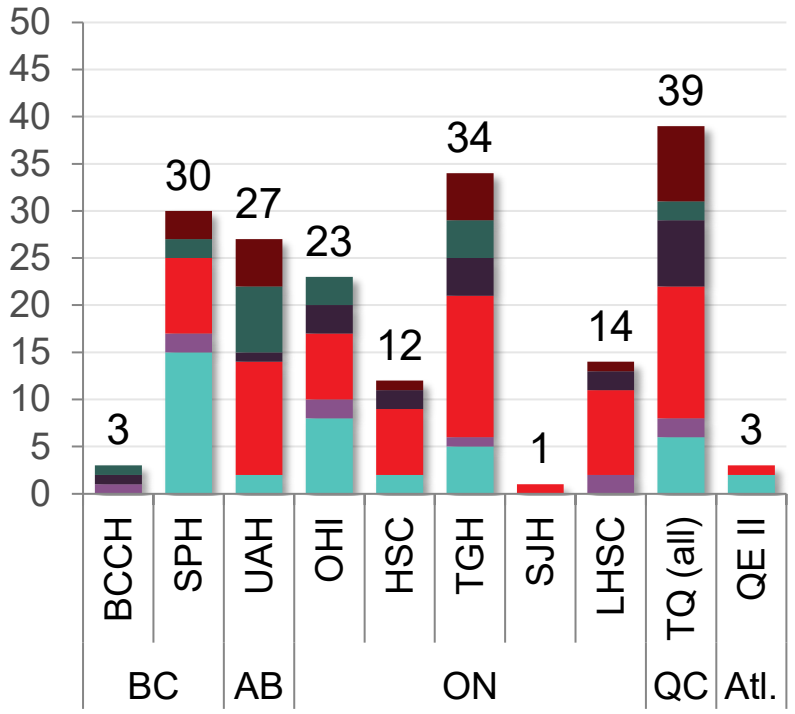
Data based on e-statistics reports as published annually by the Canadian Institute for Health Information (CIHI), Canadian Organ Replacement Register (CORR)

2012 results supplemented by Canadian Blood Services survey of provincial ODOs. Data limitation: 39 transplants identified in QC could not be differentiated based on age and are included in "adult" category.

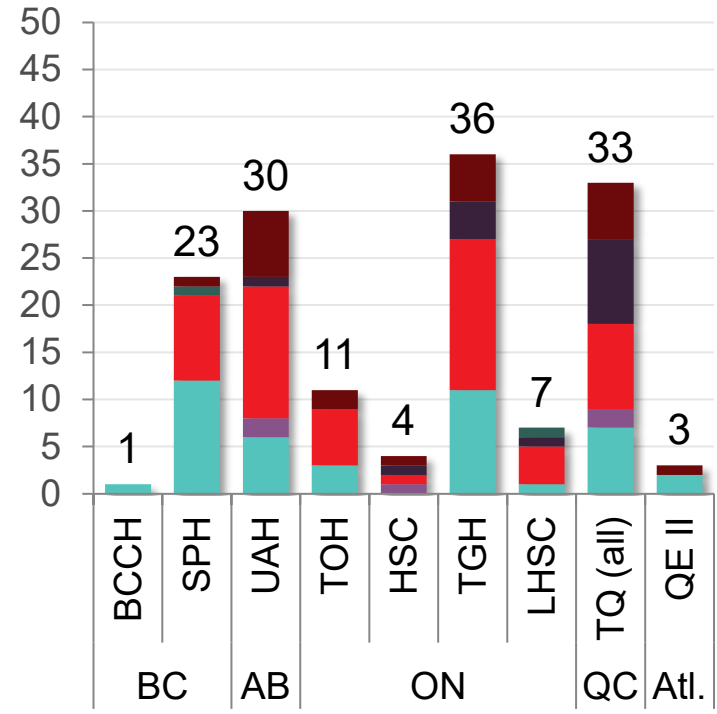
# Heart Transplants by Status, Program, and Year

Results are based on review of NOW patients whose organ request was changed to off list due to transplant with an associated state change date in each year, and program of registration. While these results are believed to be generally accurate approximations of activity, they may not precisely align with self-reported program performance.

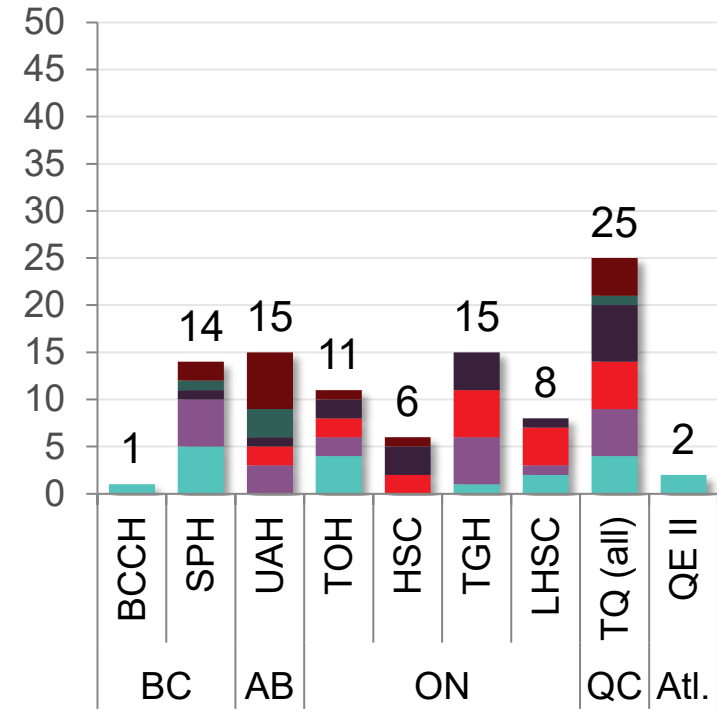
2020 (N = 186)



2021 (N = 146)



2022 YTD Jan-Aug (N = 97)

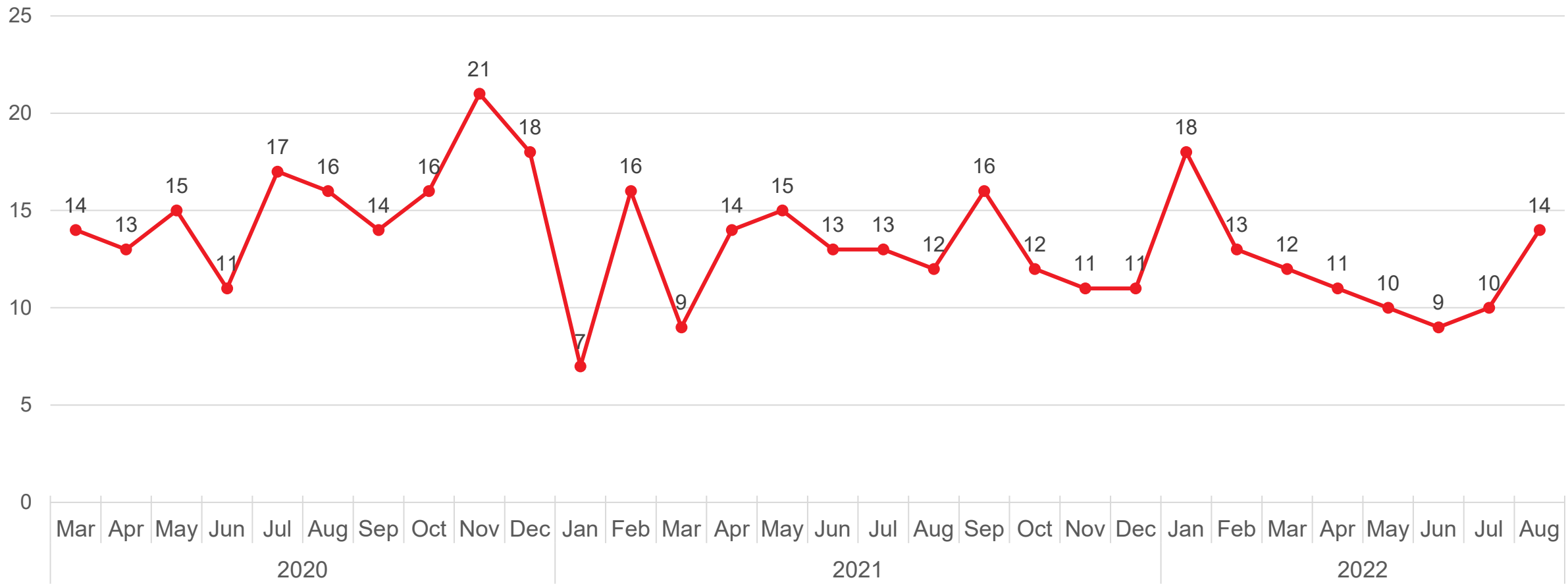


■ Status 4   
 ■ Status 4S   
 ■ Status 3.5   
 ■ Status 3   
 ■ Status 2   
 ■ Status 1



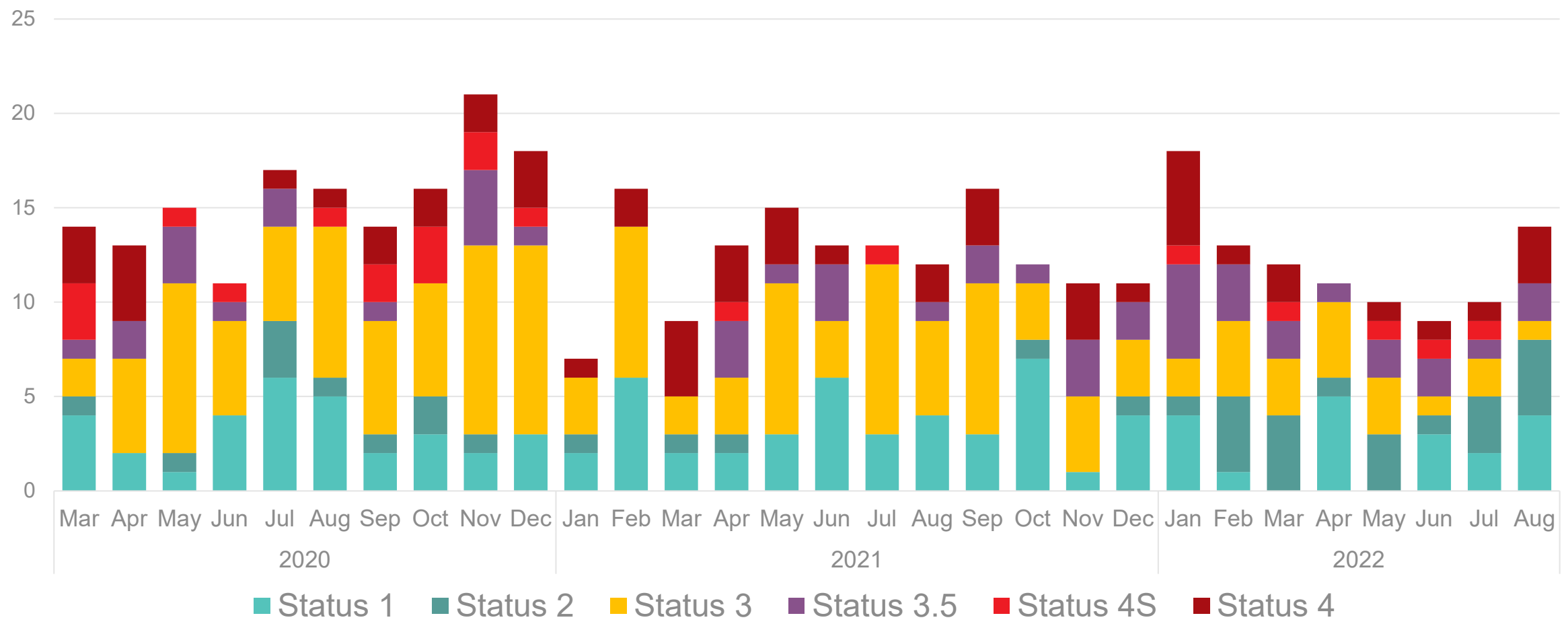
Data available in CTR for 186 out of 188 total transplants reported nationally in 2020.

# Total Heart Transplants by Month: March 2020-August 2022

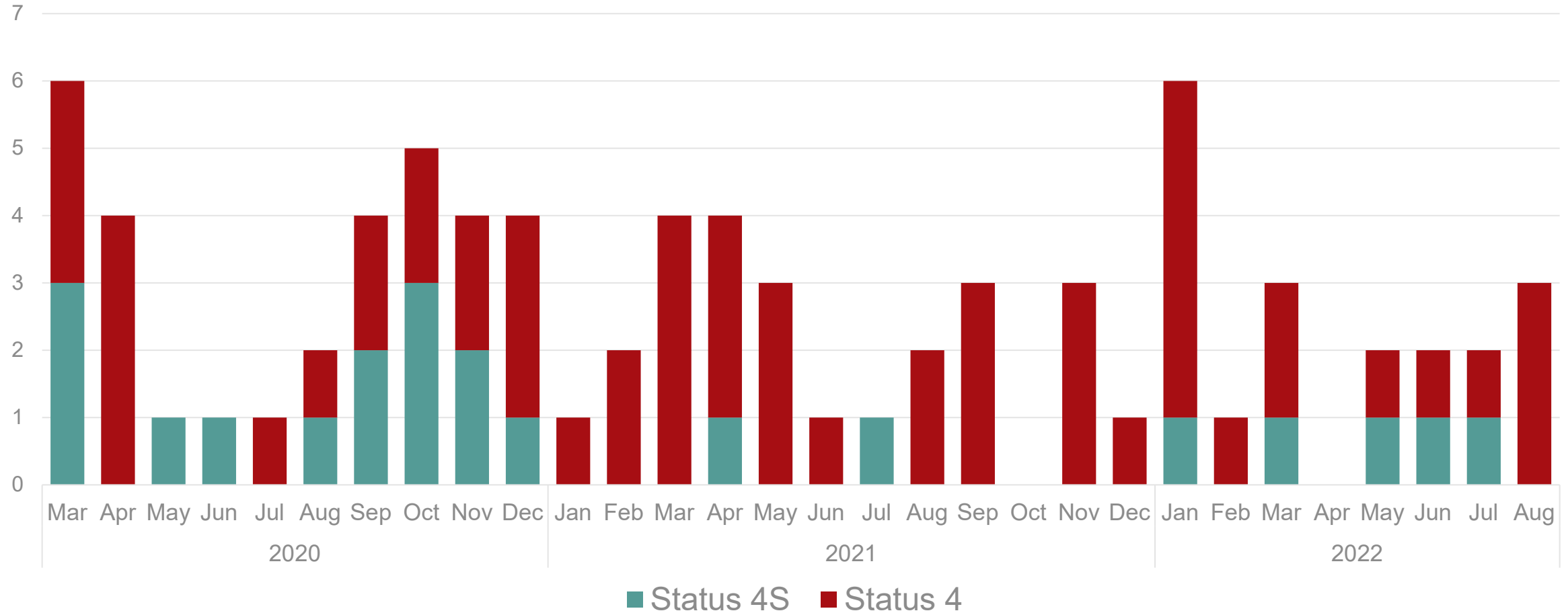


COVID-19 daily case counts are based on data reported by Health Canada.

# Heart Transplants by Month and Status: March 2020-August 2022



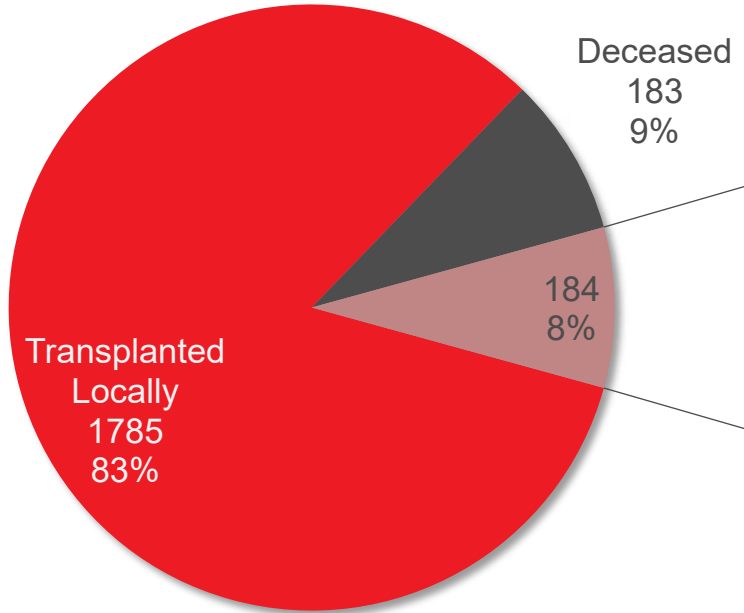
# Heart Transplants to 4 & 4S Patients by Month and Status: March 2020-August 2022



# NOW Heart Patients Currently Off List by Reason

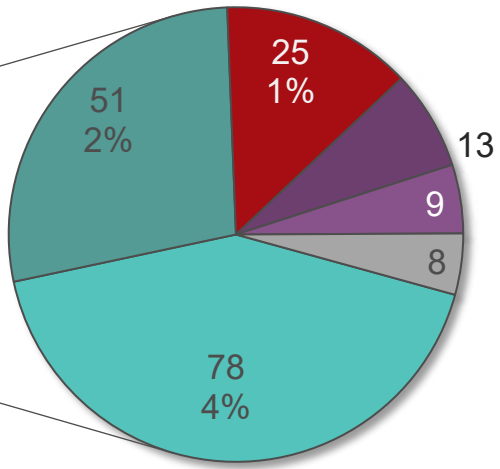
Patients Listed from June 2012 to September 2022 only

## All Off List Patients



(N = 2,152)

## Patients Off List for Other Reasons



- Medically Improved, no longer eligible
- Medically Unsuitable - Permanent
- Other
- Too Sick
- Patient Choice
- Unsuitable for Transplant - Psychological



Results are based on information entered into CTR in relation to patients on the National Organ Waitlist. While these results are believed to be generally accurate approximations of activity, results may not precisely align with self-reported program performance. Results are limited to those with list dates in the June 2012 to September 2022 range to reflect potential NOW candidate pool. Patient records entered in error are excluded.