



NATIONAL KIDNEY REGISTRY[®]

FACILITATING LIVING DONOR TRANSPLANTS

Quarterly Report

Q1 Results 2021

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Message from the Founder & CEO



The first quarter of 2021 concluded with the NKR setting a new monthly record of 105 transplants facilitated in March, surpassing the previous high of 91. As we go to press with this report, we have facilitated over 100 transplants in April, marking our first two months over 100. On the heels of the first two months of 2021, which saw transplants reduced to only 116 due to a high rate of swap failures, the recent volume spikes are an indication that the weight of the pandemic on living donor transplant is beginning to lift.

The Kidney for Life Program, which now has 16 participating centers, gives patients referred from the [Kidney for Life website](#) the opportunity to find a low eplet mismatch donor. In Q1 2021, we successfully facilitated 24 Kidney for Life Transplants, more than doubling the Q4 2020 total of 10.

The microsite program, which provides important donor search tools for patients seeking a living donor, achieved a milestone of 700 active microsites in Q1. We are expecting to have over 1,000 active microsites by the end of 2021, giving patients without a living donor new hope for an opportunity to get off the waitlist.

In Q1, NKR had its highest volume of qualified donors referred to transplant centers of any quarter in its history. With the support and protections offered by [Donor Shield](#), prioritization for a living donor kidney and the Voucher Program; the NKR is removing many of the disincentives to living donation.

We continue to analyze the donor conversion rates at centers across the country to further improve the donation process and remove potential barriers to living donation. Given the large conversion rate variance between centers, there is a significant opportunity to share best practices across the industry and improve the donor experience.

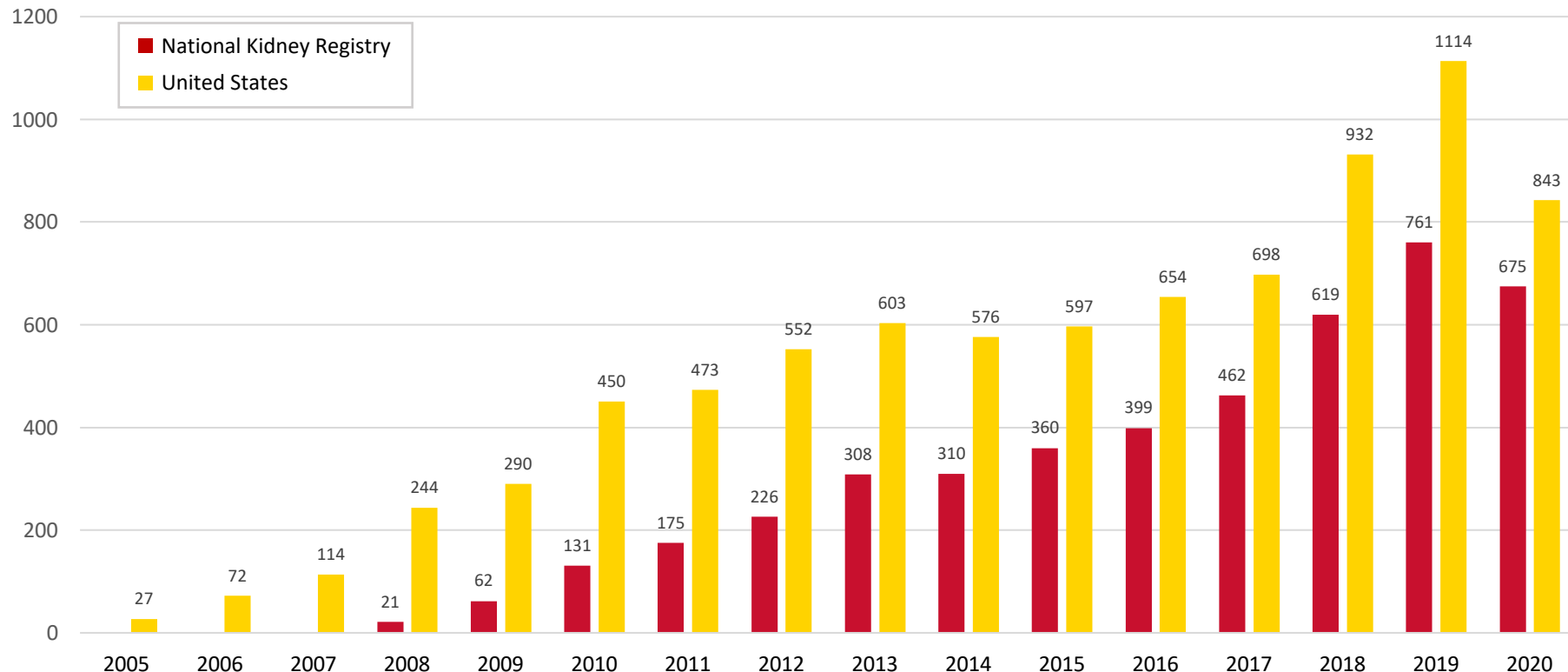
Sincerely,

A handwritten signature in blue ink, appearing to read 'G Hil'.

Garet Hil
Founder & CEO
National Kidney Registry



National Kidney Registry Leading US KPD Growth

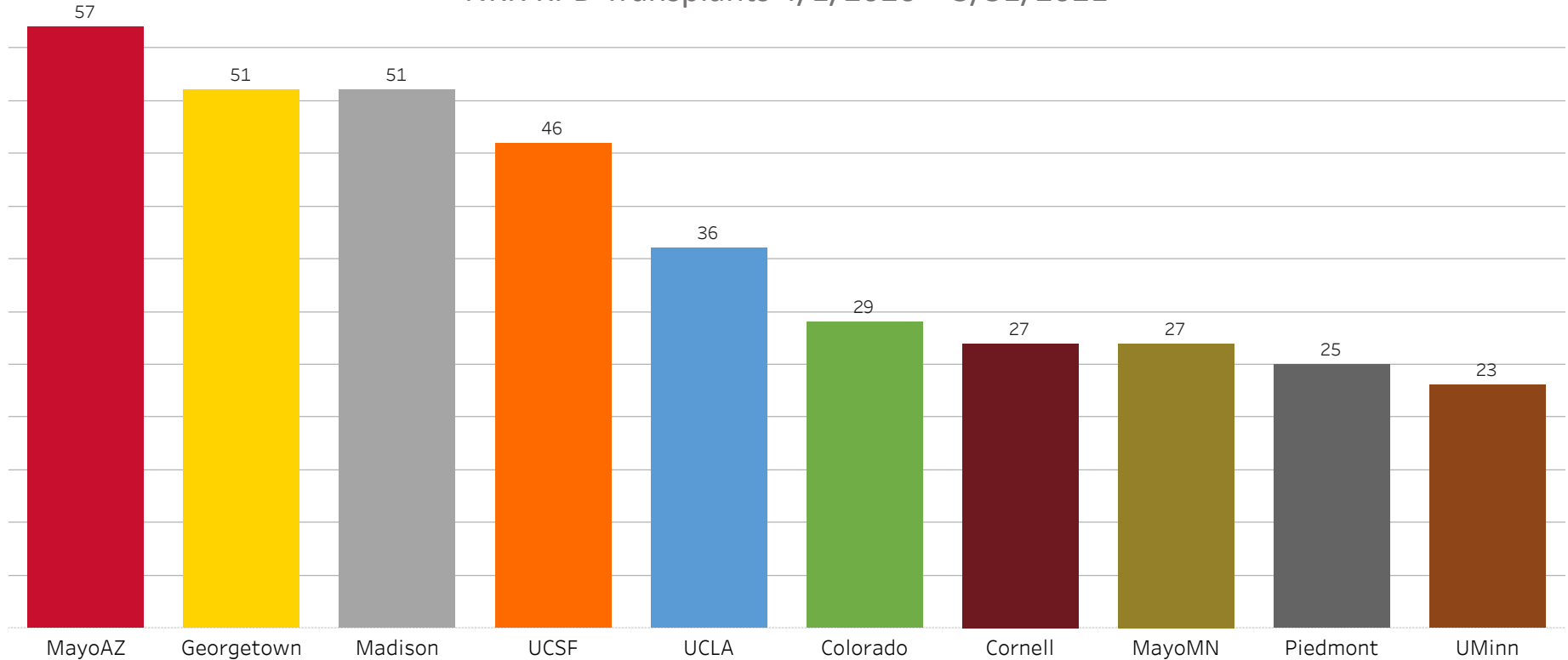


*Organ Procurement and Transplantation Network: <https://optn.transplant.hrsa.gov/> Accessed 4/2/21 - All US data may not have been available on this day



Top Centers

NKR KPD Transplants 4/1/2020 – 3/31/2021

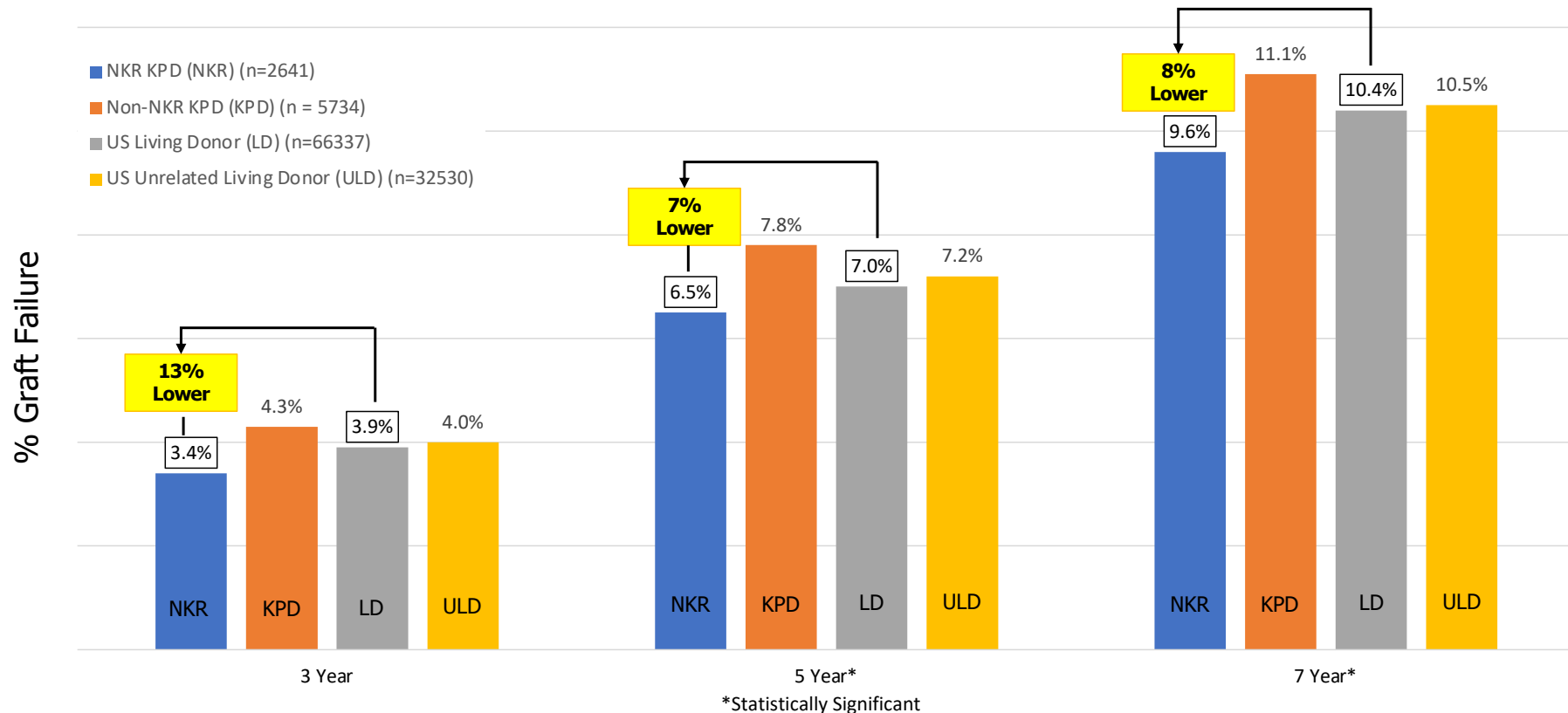


As of 4/22/2021 11:30:26

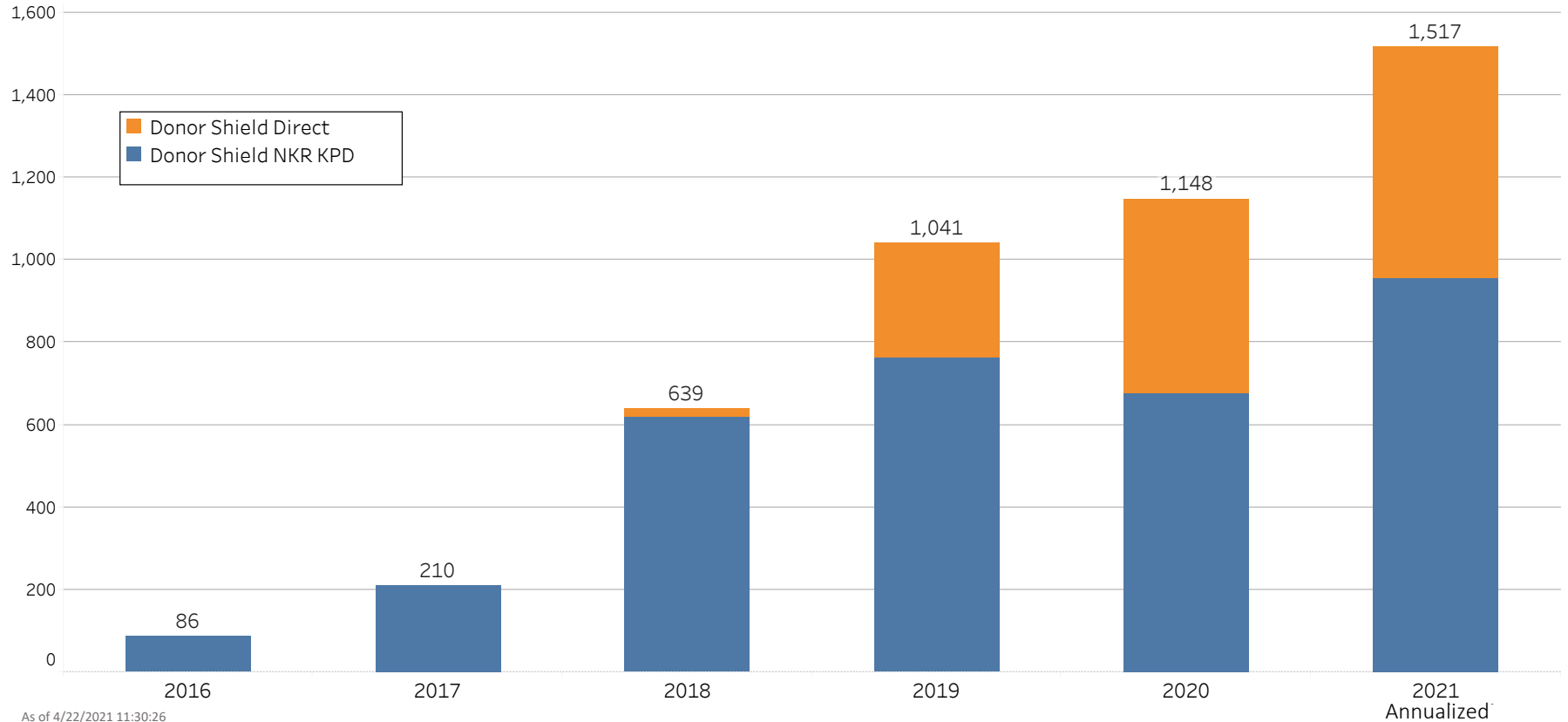


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Death Censored Graft Failure Comparisons



Donors Supported and Protected

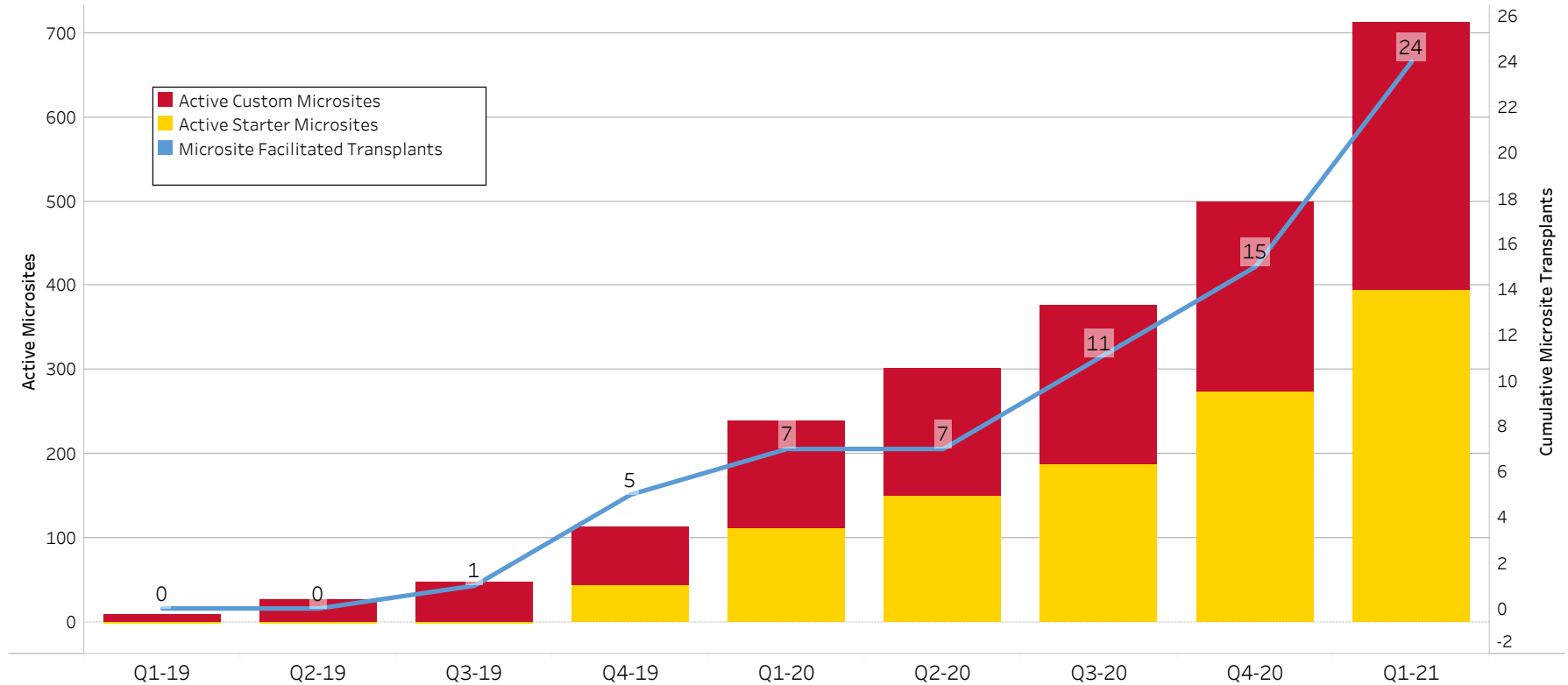


As of 4/22/2021 11:30:26

*Restated due to database update/changes affecting calculations - <http://www.donor-shield.org/>



Microsite Growth

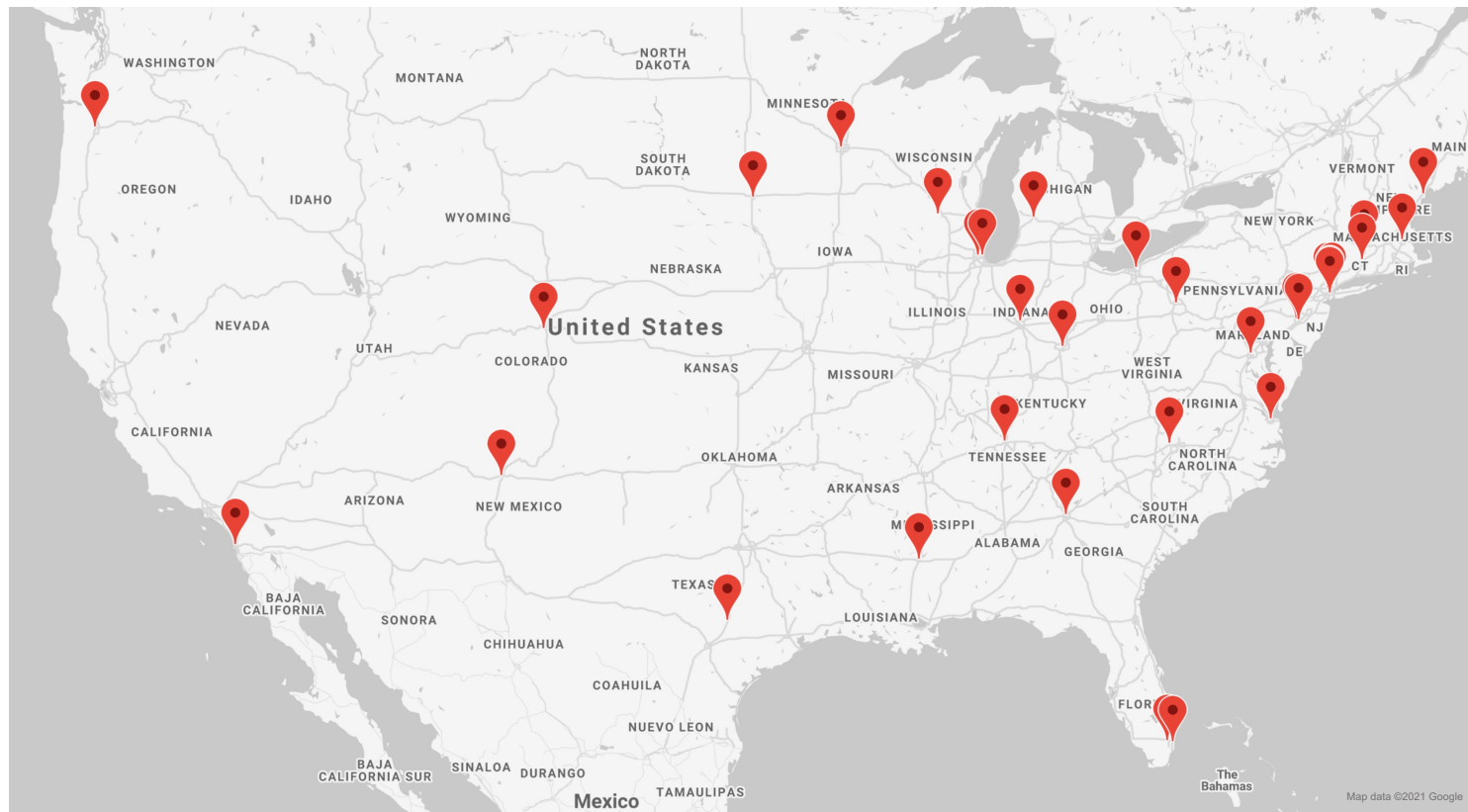


As of 4/8/2021 16:26:23

*Restated due to database update/changes affecting calculations



Microsite Centers



As of 3/31/2021



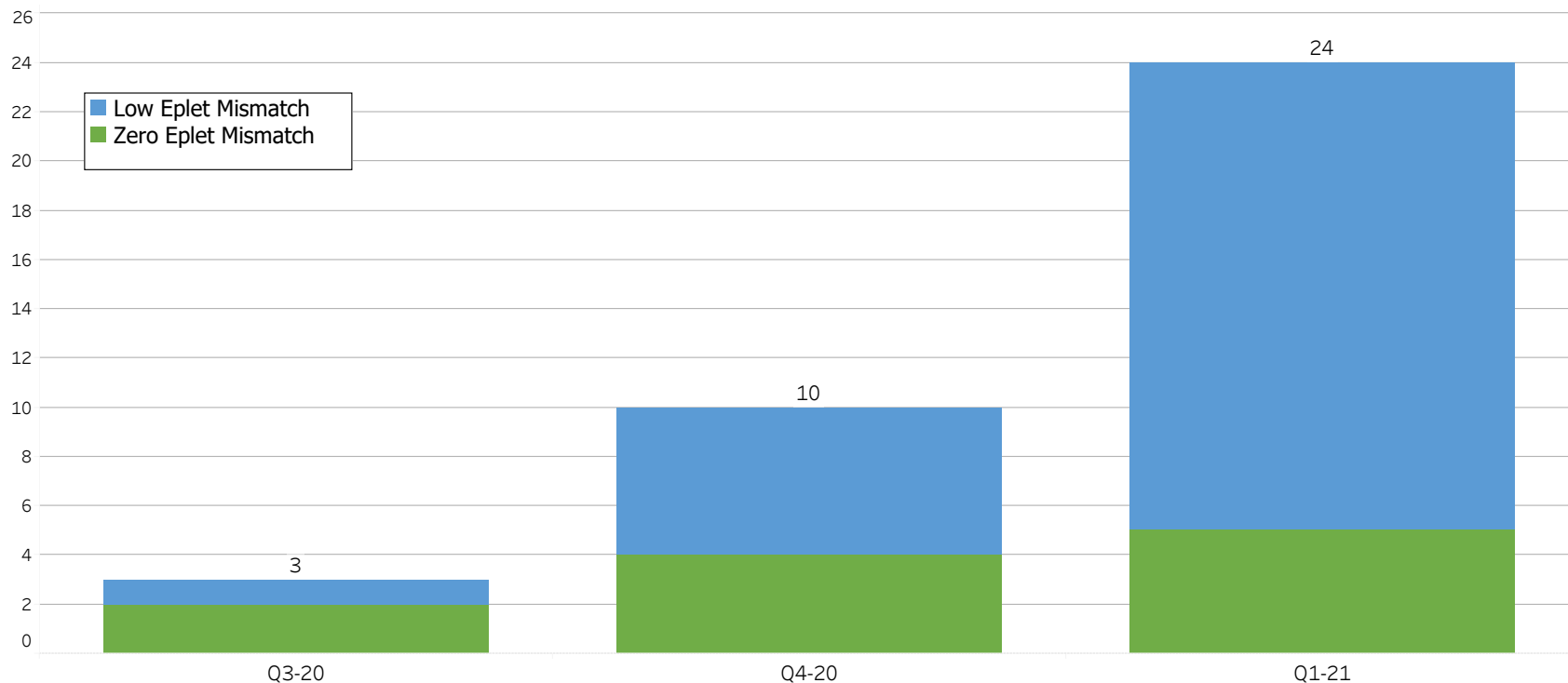
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[Microsite Brochure](#)

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Successful Kidney for Life Transplants

Zero and Low Eplet Mismatches (MM)



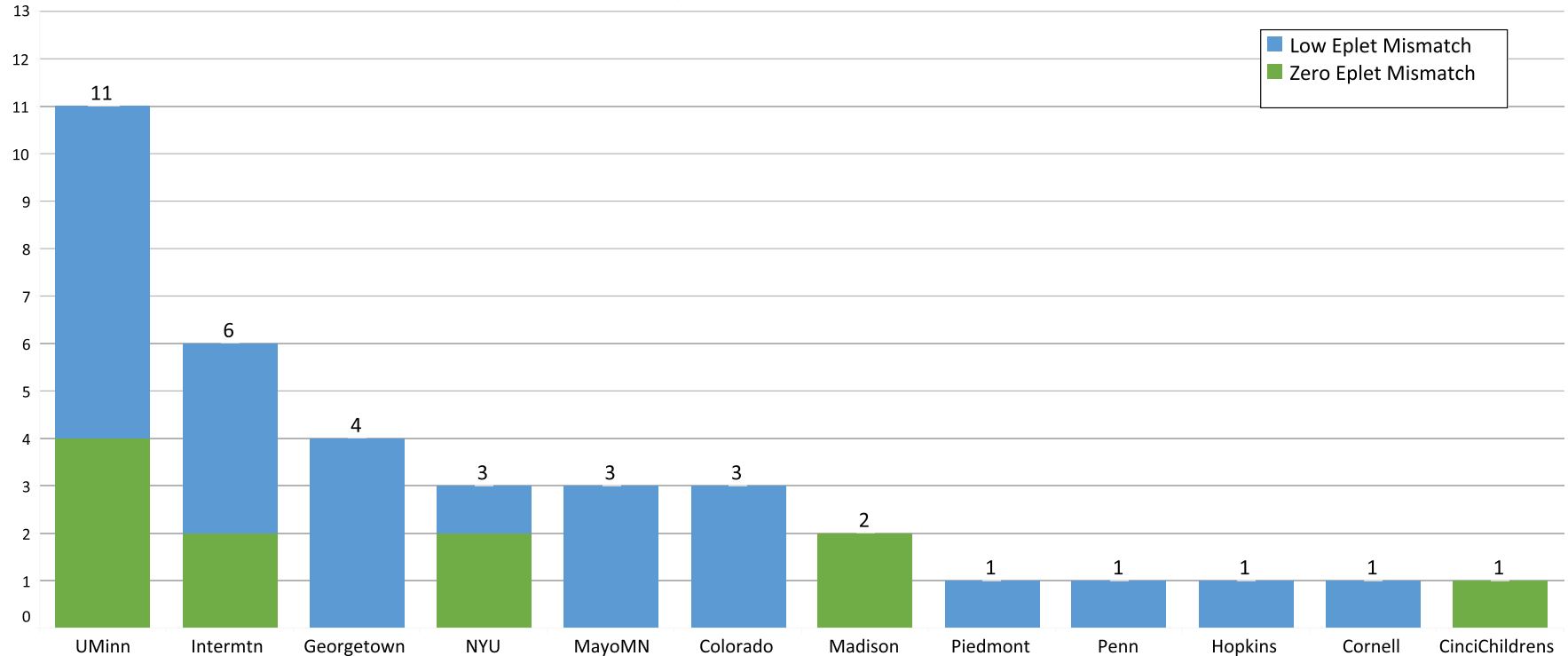
As of 3/31/2021 16:26:32



Successful Kidney for Life Transplants by Center

Zero and Low Eplet Mismatches (MM)

8/1/2020 – 3/31/2021



As of 3/31/2021 16:26:32

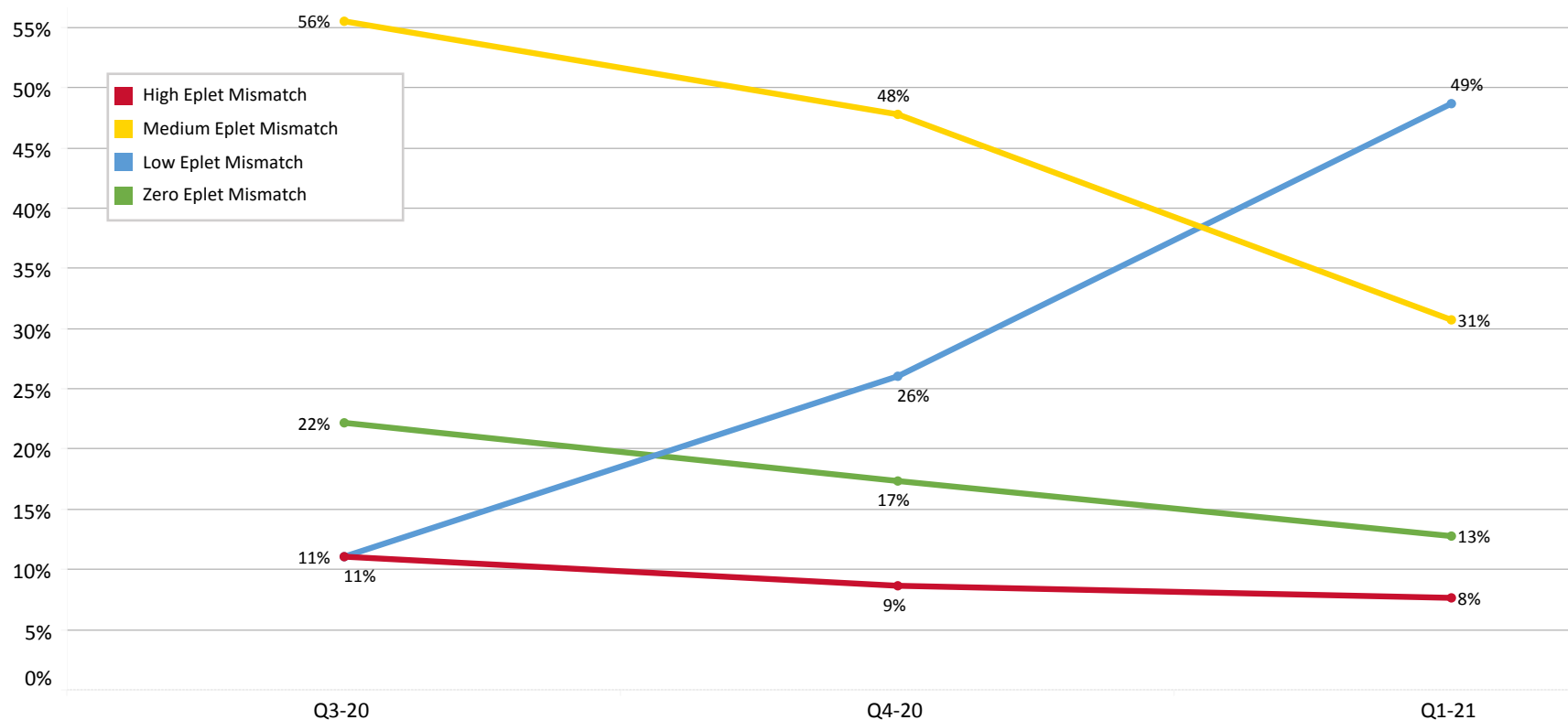


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To learn more about the Kidney for Life program [click here](#).

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Percent of Kidney for Life Transplants by Eplet Mismatch Risk

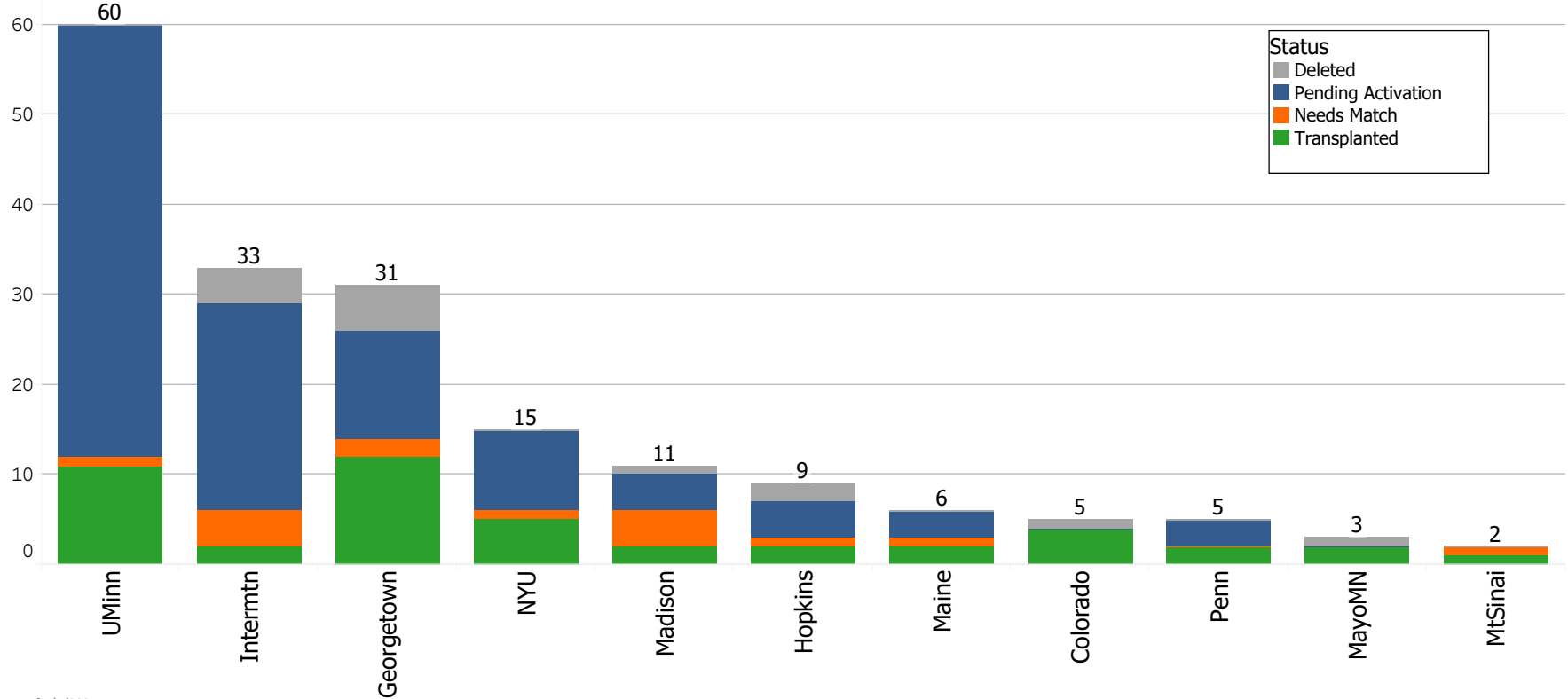


As of 3/31/2021 16:26:32



Patients with 3G Typing by Center

1/1/2021 – 3/31/2021



As of 4/1/2021



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To learn more about the Kidney for Life program [click here](#).

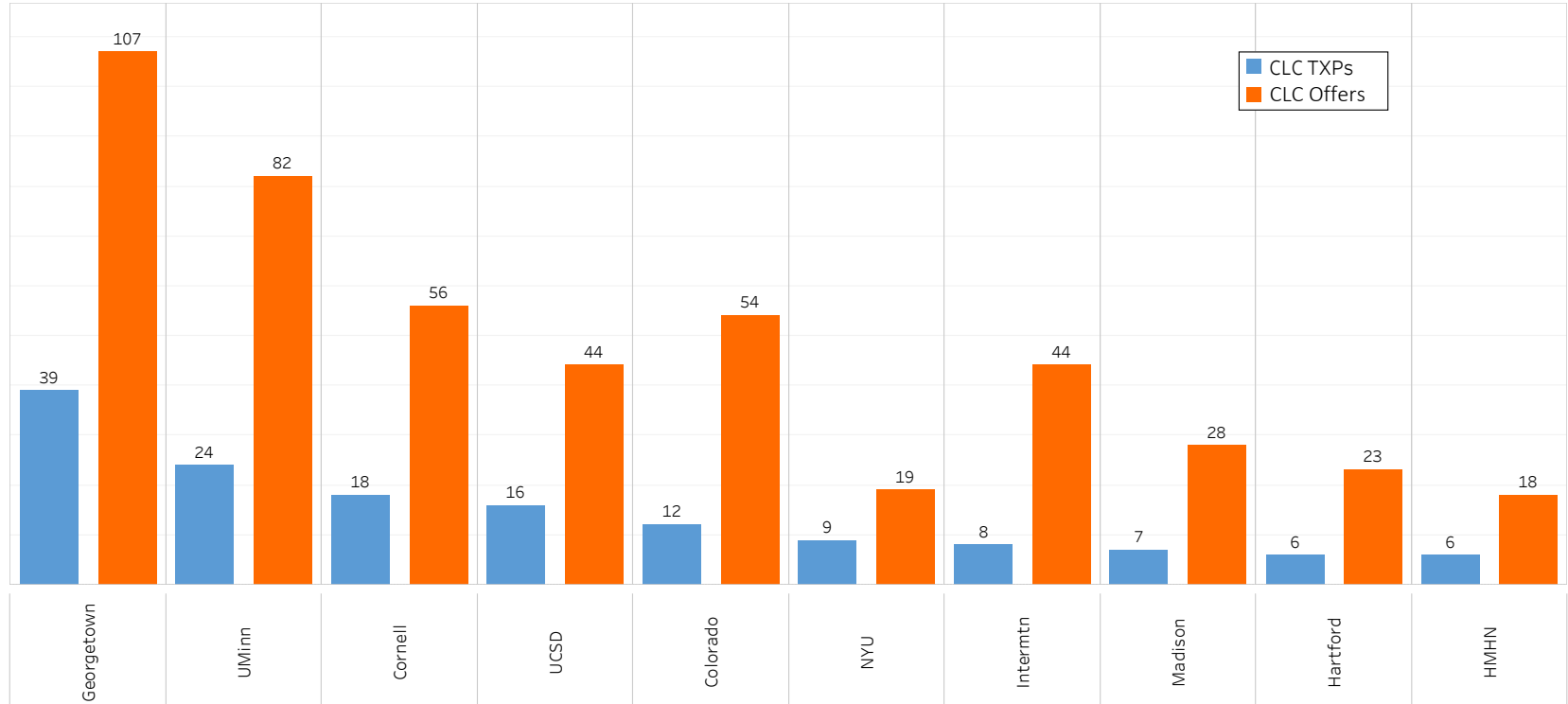
[Back to top](#) | 13

A map of the United States with 15 red location pins. The pins are distributed across the country, with a higher concentration in the eastern half. The states labeled on the map include Washington, Oregon, Idaho, Nevada, California, Utah, Arizona, New Mexico, Colorado, Wyoming, Montana, North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, Texas, Minnesota, Iowa, Missouri, Arkansas, Louisiana, Wisconsin, Illinois, Indiana, Michigan, Ohio, Kentucky, Tennessee, Mississippi, Alabama, Georgia, Florida, Pennsylvania, New York, Vermont, New Hampshire, Maine, Massachusetts, Connecticut, Rhode Island, New Jersey, Delaware, Maryland, Virginia, West Virginia, North Carolina, South Carolina, and Georgia. The map also shows Mexico and the Gulf of Mexico. The text 'United States' is centered on the map. The text 'Map data ©2021 Google' is in the bottom right corner.

As of 3/31/2021

Top Center Liquidity Contributors (CLC)

4/1/2020 – 3/31/2021



As of 4/12/2021 14:18:54

The Center Liquidity Contribution ("CLC") program scores Member Centers based on their contribution to the pool liquidity. Centers with positive CLC scores are given matching priority.



Partner Center Chain End Targets

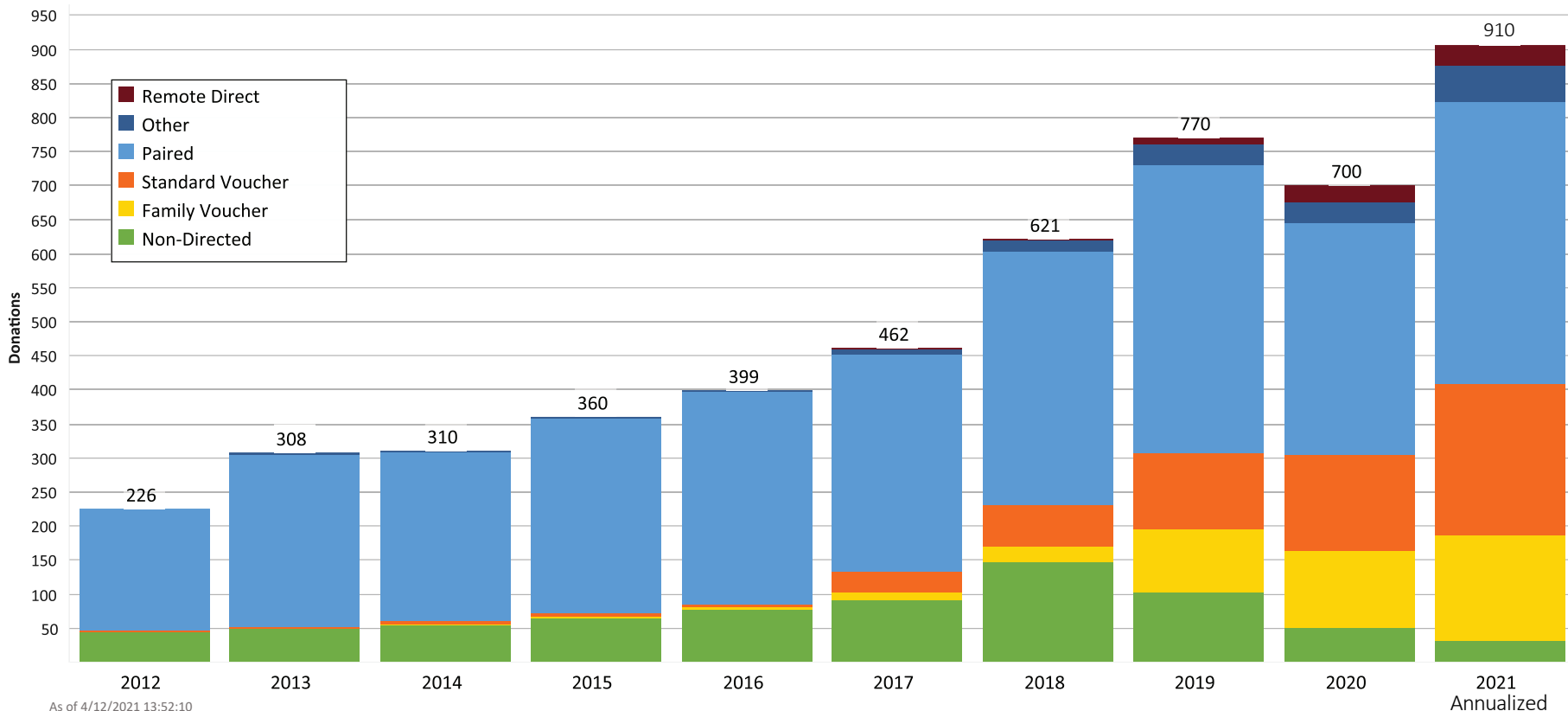
Center	Chain End Target	FV O Chains Last 24 Months	FV Non-O Chains Last 24 Months	Net Chains Starts	Match Offer Declines Last 12 Months	Match Offer Decline Ratio	Center Liquidity Contribution
Maine	14	3	5	-7	8	114	760
Hartford	11	3	4	-6	5	62	4940
Madison	9	13	20	-79	15	88	3350
UCSD	9	3	8	-18	0	0	13640
Penn	7	2	3	-5	5	33	-2270
NYU	7	3	2	-5	3	23	3400
Rush	5	1	4	-7	3	43	-2080
Avera	5	2	2	-6	5	62	1800
Georgetown	5	10	7	-46	5	21	10510
Legacy	5	2	1	-5	10	71	-980
CCFlorida	5	2	1	-5	2	100	-4440
Cornell	4	9	7	-44	9	53	5300
UCSF	4	7	5	-30	1	6	-13500
UMinn	4	7	2	-25	6	35	20880
HMHN	3	1	0	-1	0	0	0
VAHD	3	1	2	-5	0	0	3560
MayoAZ	2	5	4	-25	3	23	-7500
UHCleveland	2	0	1	1	0	0	4400
Brigham	2	2	5	-15	6	100	-1600
PorterAH	0	0	0	0	0	0	3460
Piedmont	0	0	0	0	1	25	-8200
Cincinnati	0	0	0	0	1	17	1200
Allegheny	-1	1	0	-5	0	0	-2240
Sharp	-1	0	1	-3	0	0	-2390
MtSinai	-2	0	1	-4	2	67	-15630
Vidant	-2	0	0	-2	0	0	1000
ChristHosp	-2	0	1	-4	0	0	3620
UCLA	-7	3	6	-30	3	16	-600
Emory	-7	1	2	-15	0	0	-640
VirginiaMason	-7	0	0	-7	2	40	4600

As of 4/1/2021 11:06:03 * <https://clckidneyregistry.org/WebForm1.aspx?ReportKeyPass=ag5Ghnf76Tghd765GFtre&NcsSummary=1&Sort=DefaultSort&Supress=1>

☐ Decline ratio > 100



Kidney Donations by Donor Type



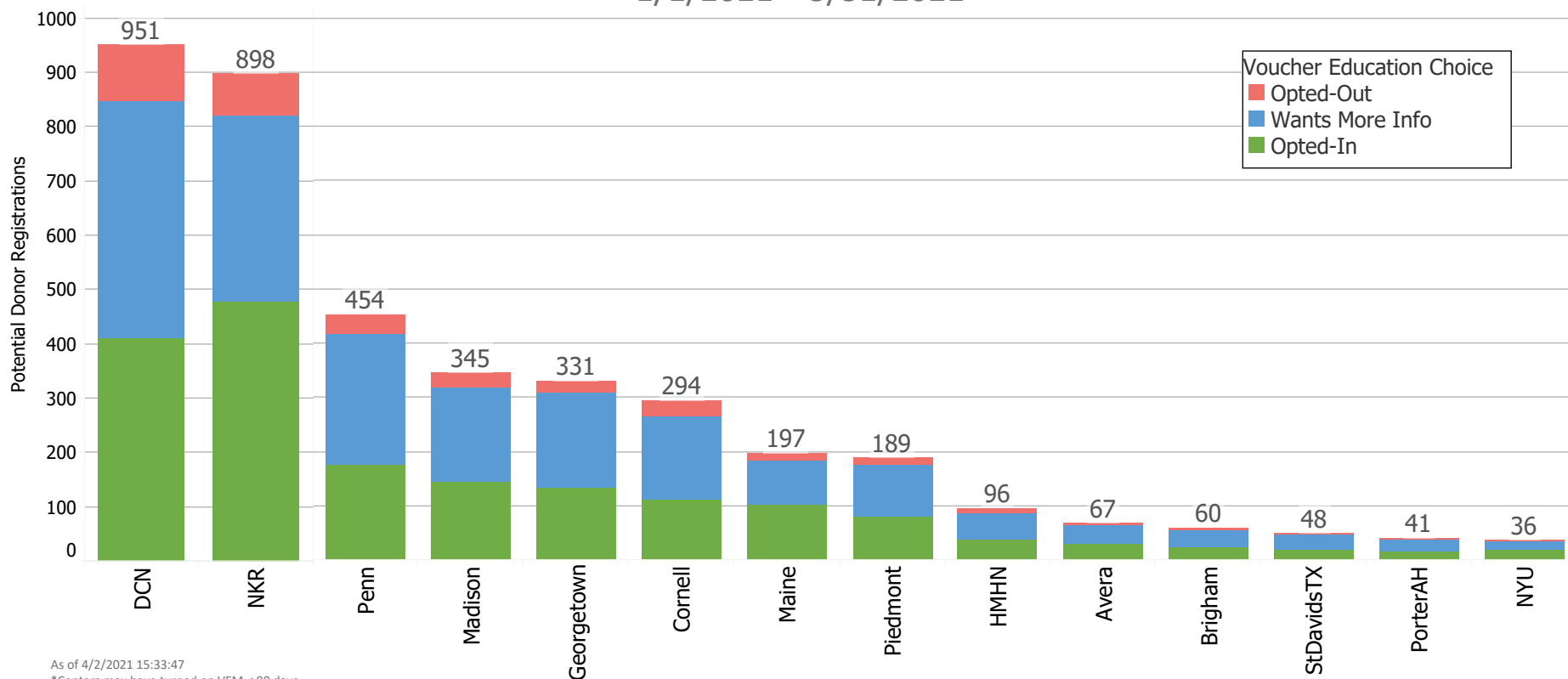
As of 4/12/2021 13:52:10

*Restated due to database update/changes affecting calculations



Voucher Education Module Donor Choice

1/1/2021 – 3/31/2021



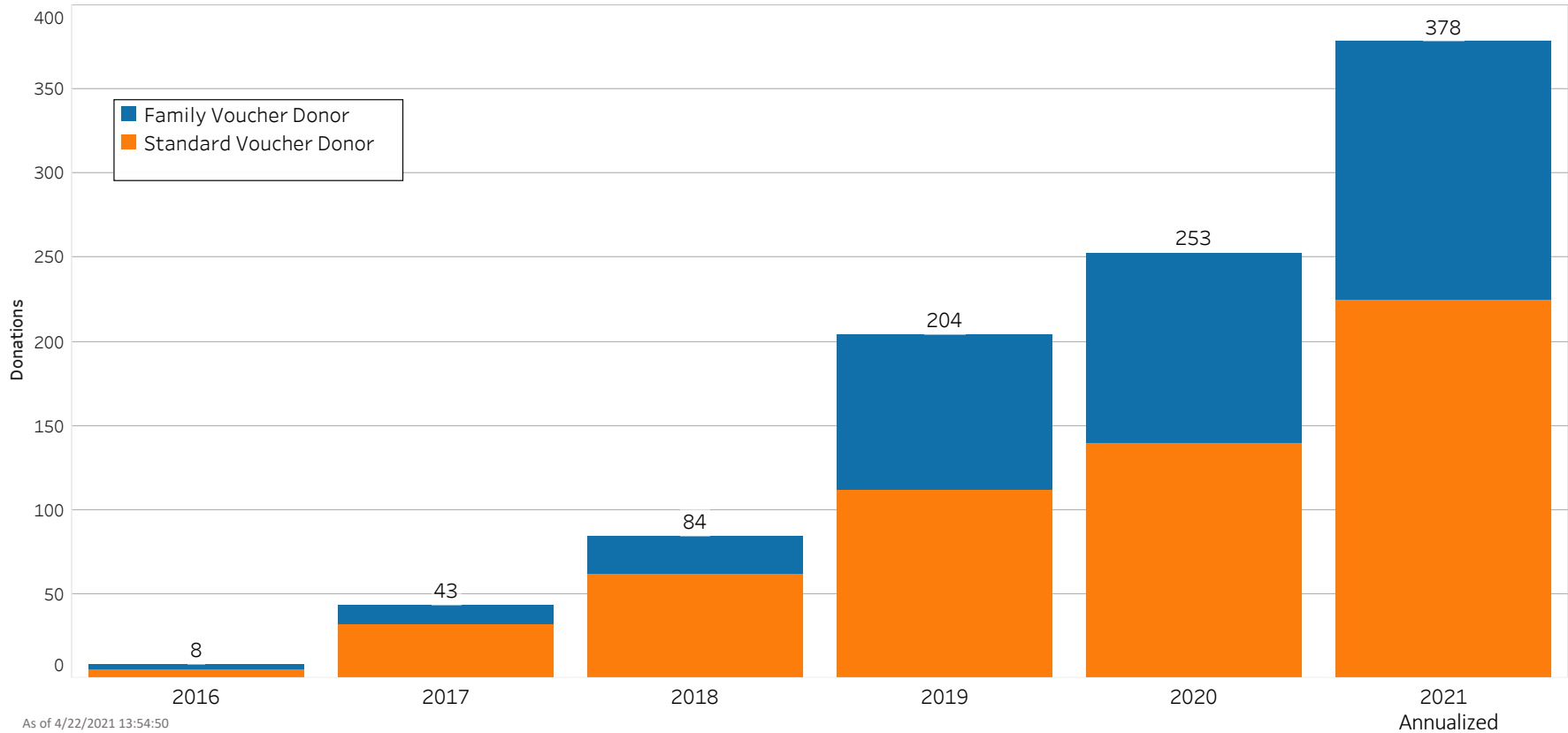
As of 4/2/2021 15:33:47

*Centers may have turned on VEM < 90 days



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Growing Popularity of Voucher Donation

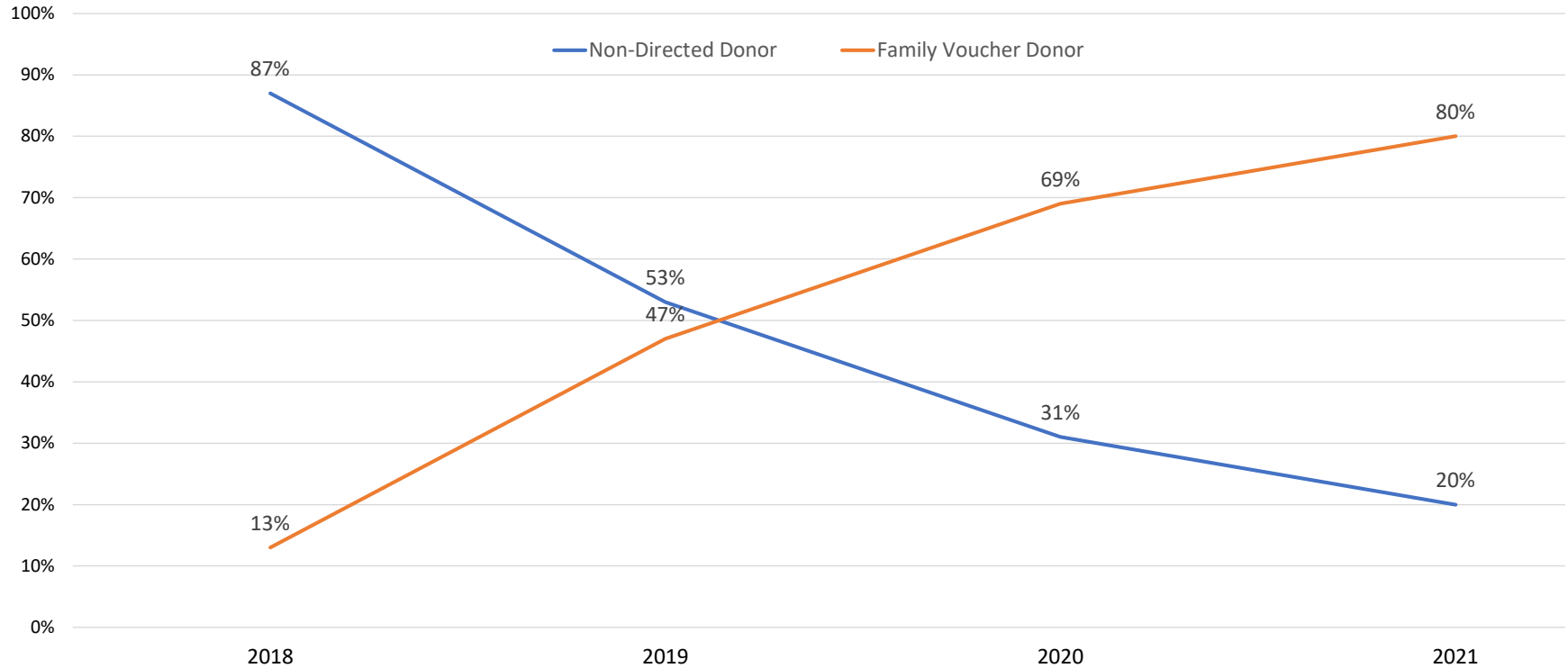


As of 4/22/2021 13:54:50

*Restated due to database update/changes affecting calculations



Transition to Family Voucher Donation



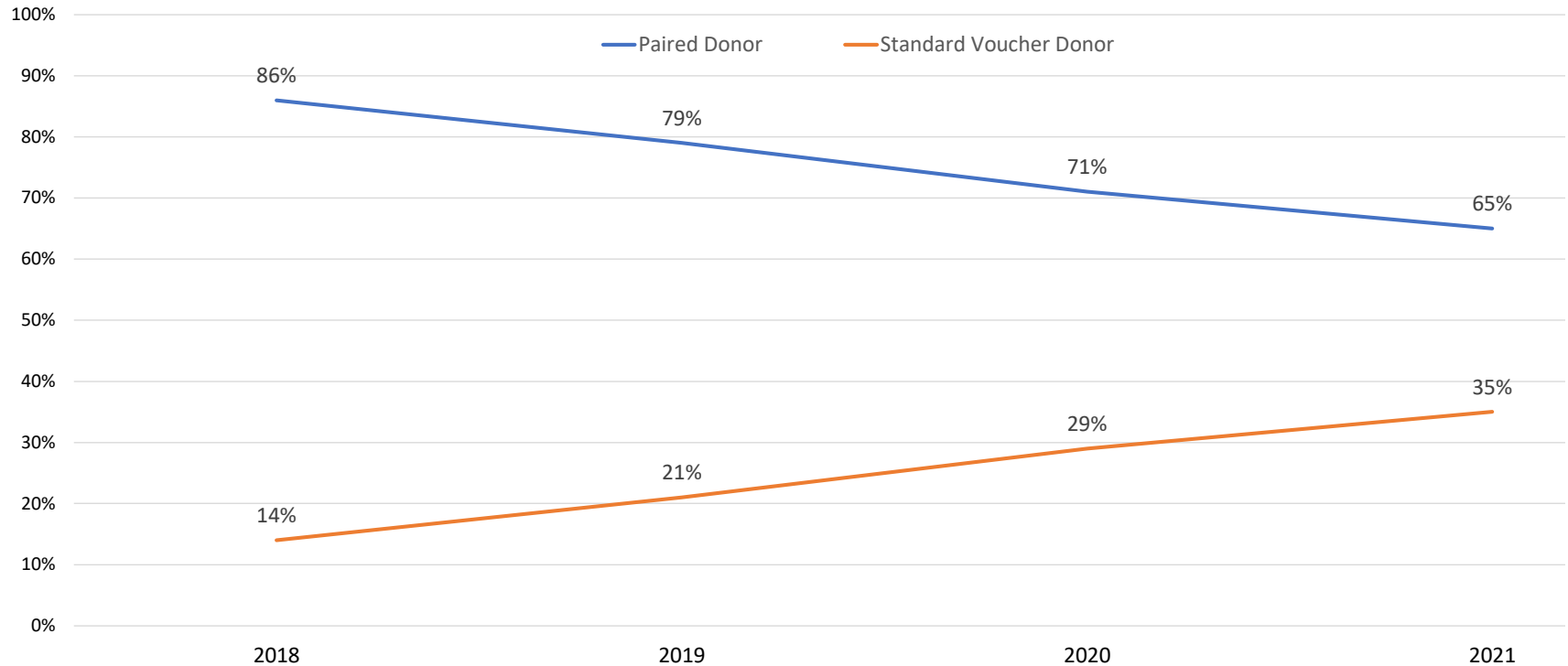
As of 4/12/2021 14:30:54

*Restated due to database update/changes affecting calculations



Uncoupling Trend

Transition from Paired to Standard Voucher Donation

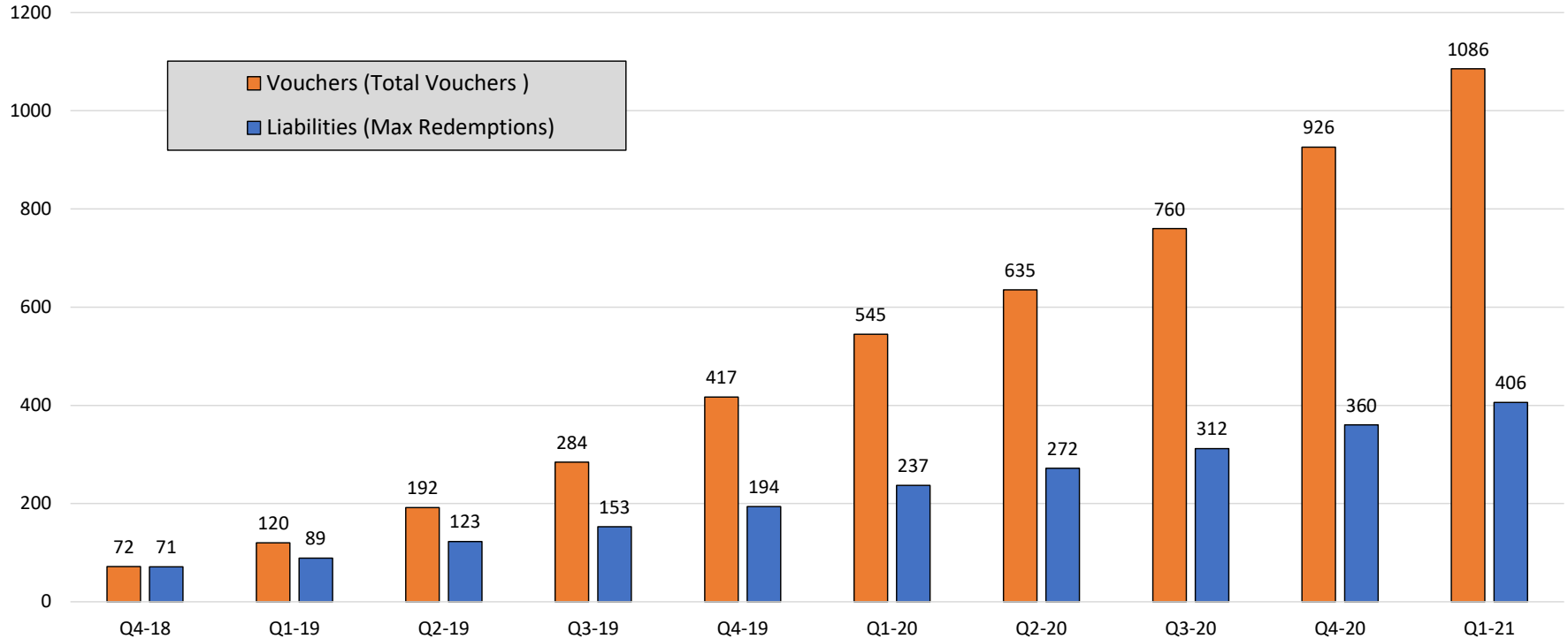


As of 4/12/2021 14:30:54

*Restated due to database update/changes affecting calculations

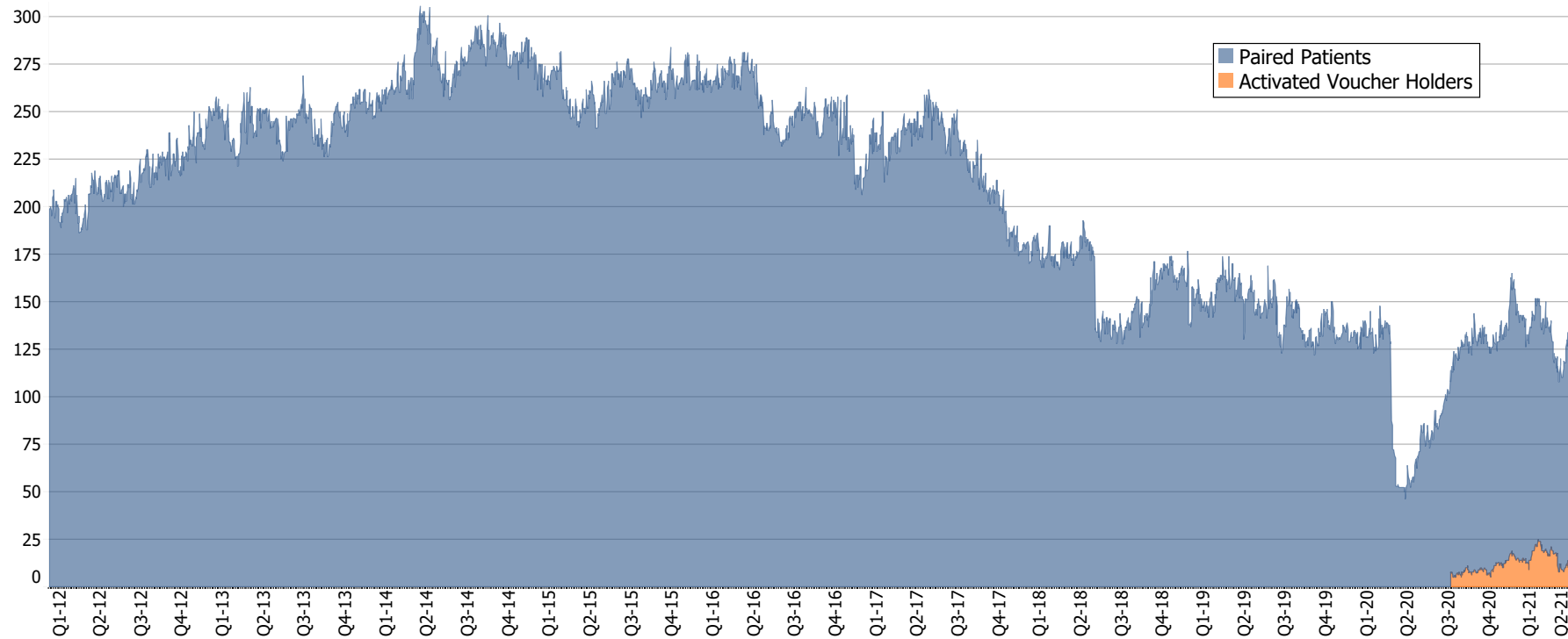


Vouchers Outstanding



Pool Size

Unmatched Patients

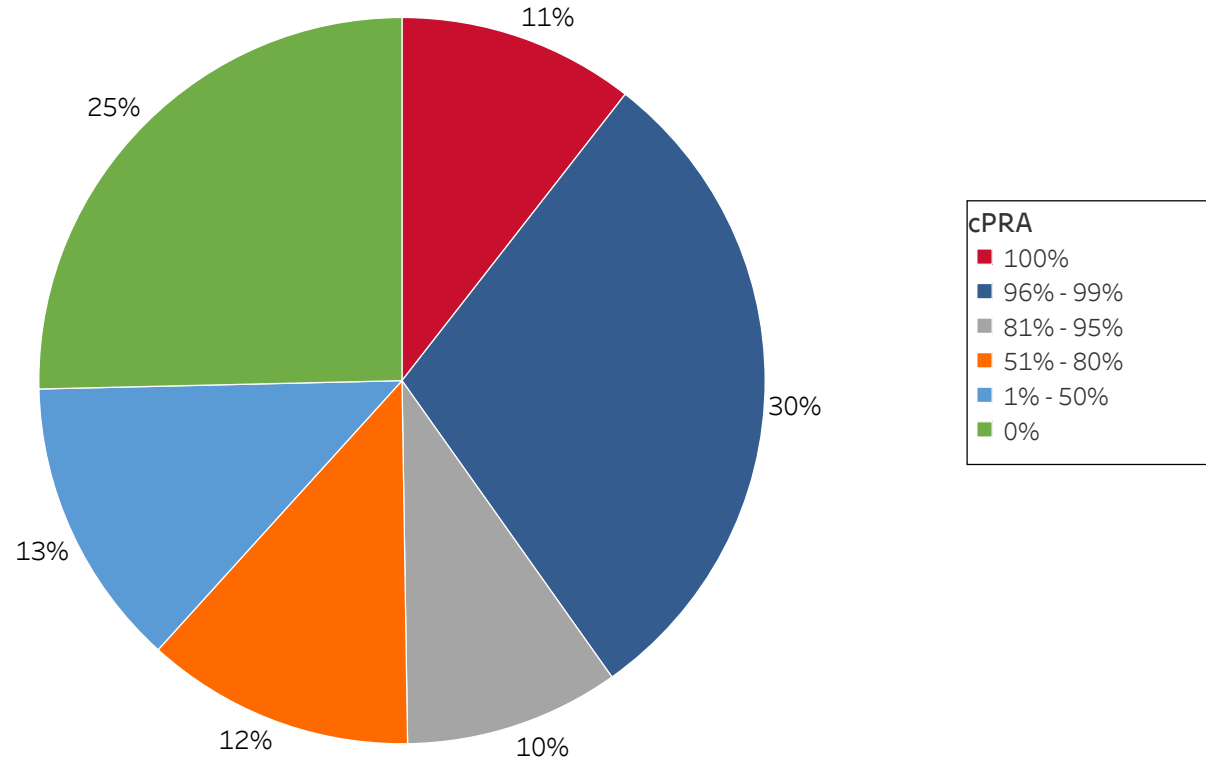


As of 4/19/2021 15:29:18

Pool snapshot was modified in July 2020 to include activated voucher holders.



Pool Composition by cPRA

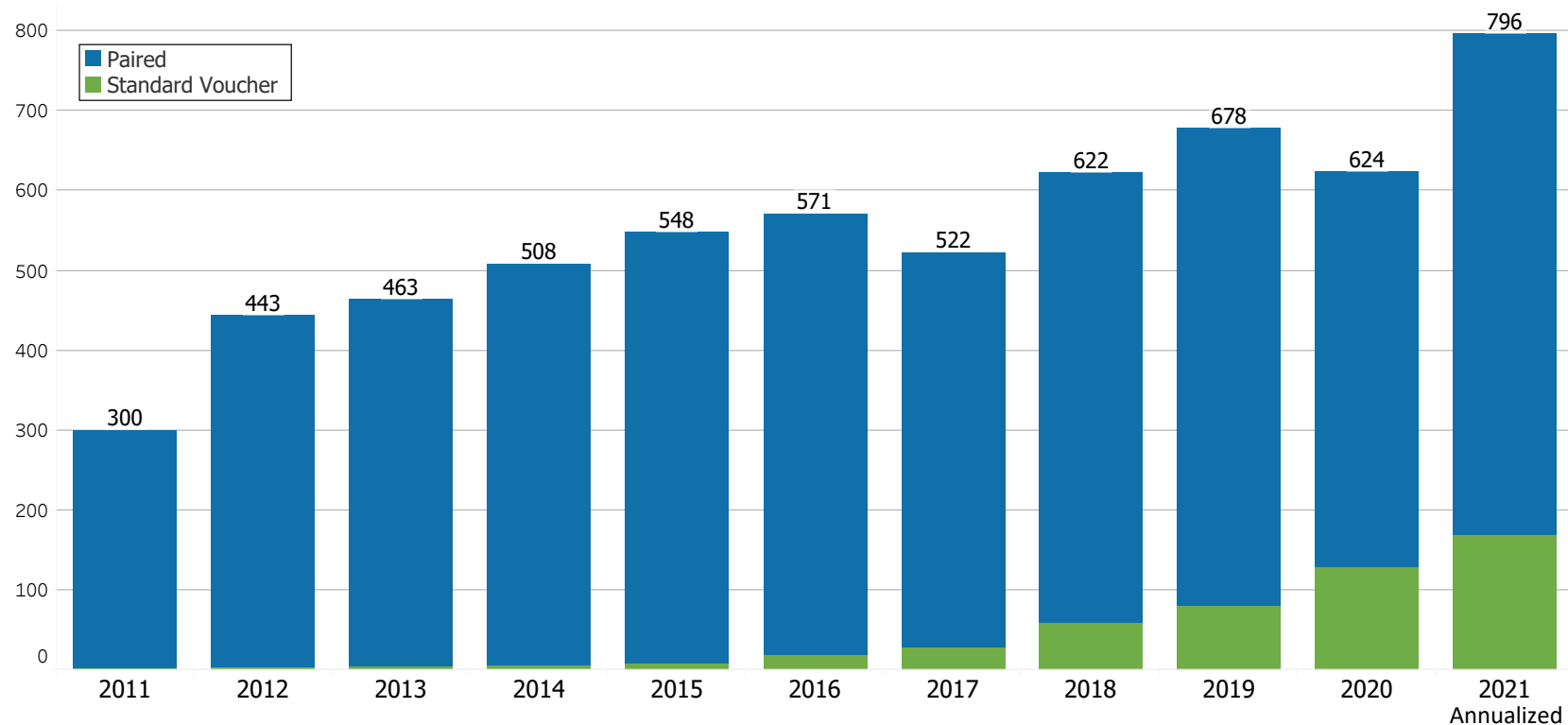


As of 4/1/2021 11:06:03



New Exportable KPD Patients

Paired and Standard Voucher

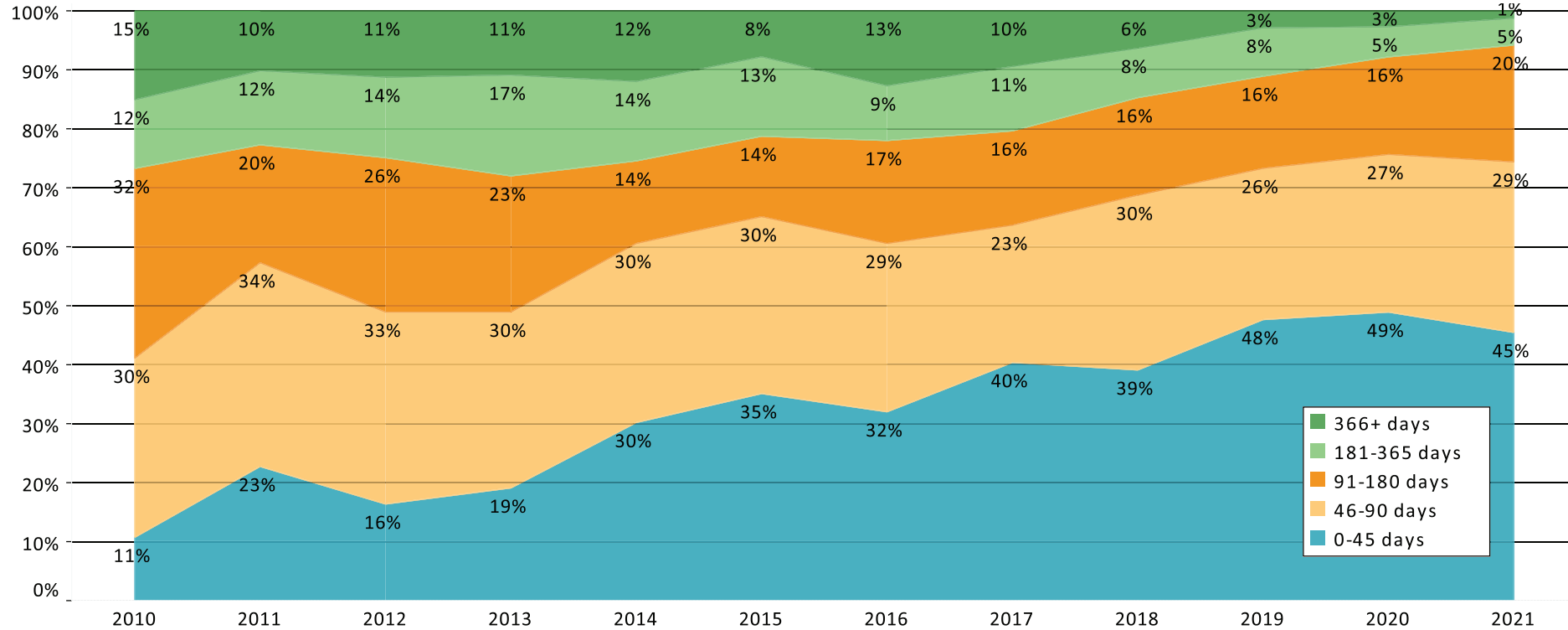


As of 4/22/2021 13:17:44



Wait Time Distribution

From Exportability to Transplant



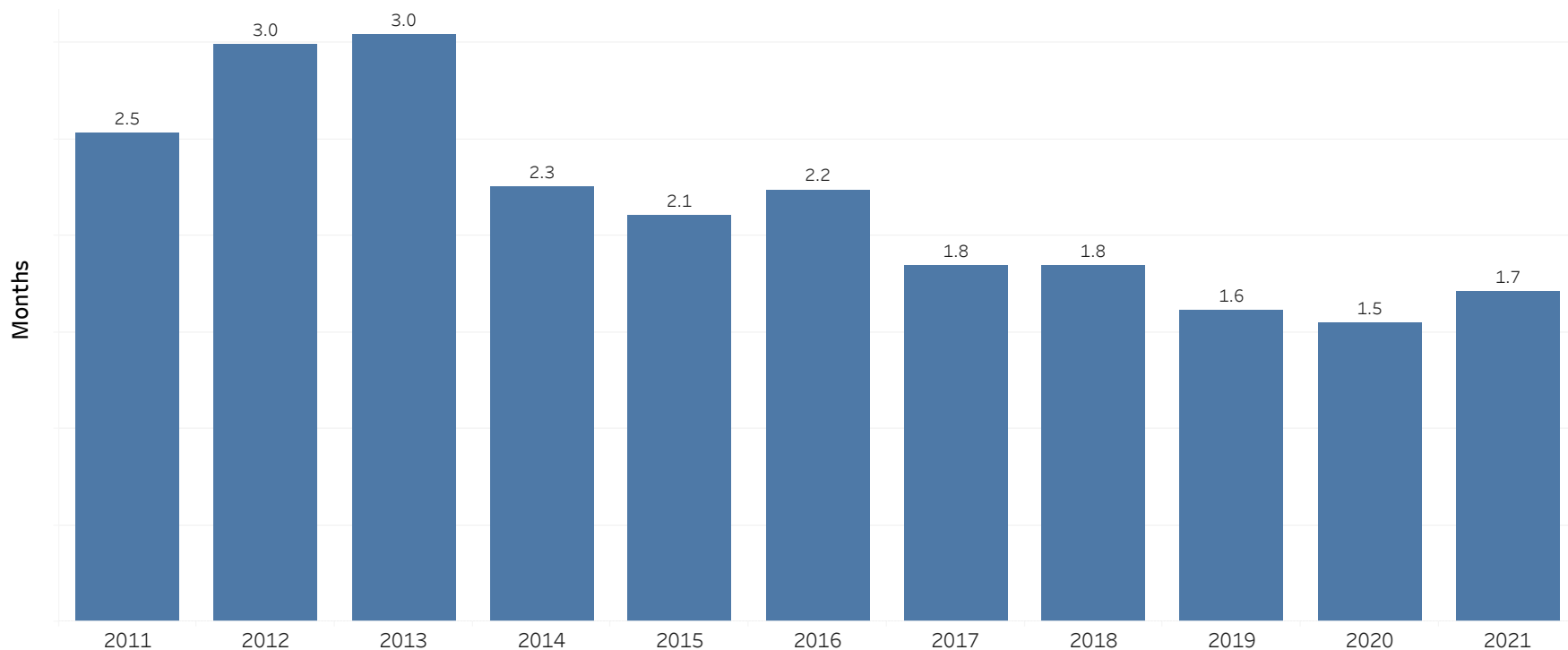
As of 4/22/2021 13:17:44
Updated to exclude waitlist patients



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Transplanted Recipients Median Wait Time

Prior 12 Months



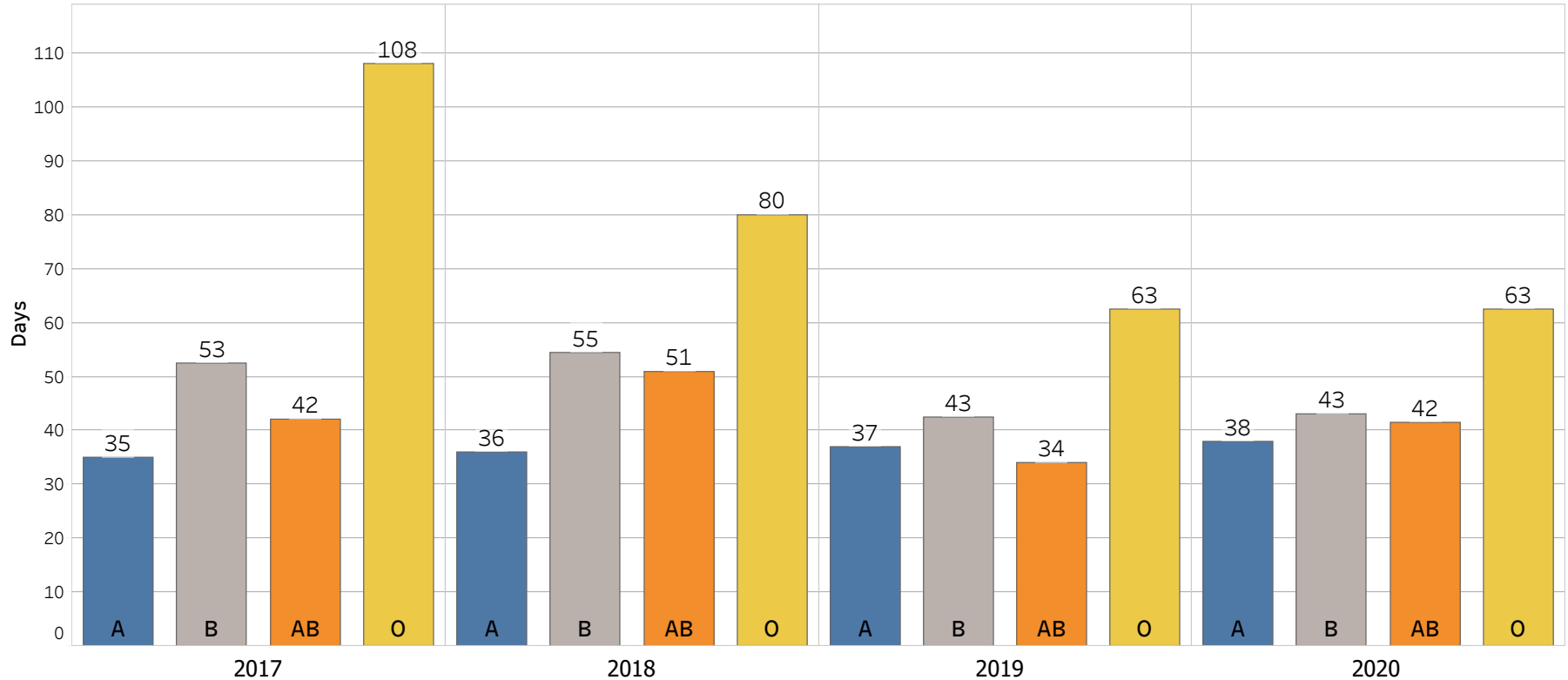
As of 4/1/2021 15:06:00

*Restated due to database update/changes affecting calculations



Median Wait Time by ABO

From Exportability to Transplant



As of 4/1/2021 15:06:00



Patients Waiting > 1 Year

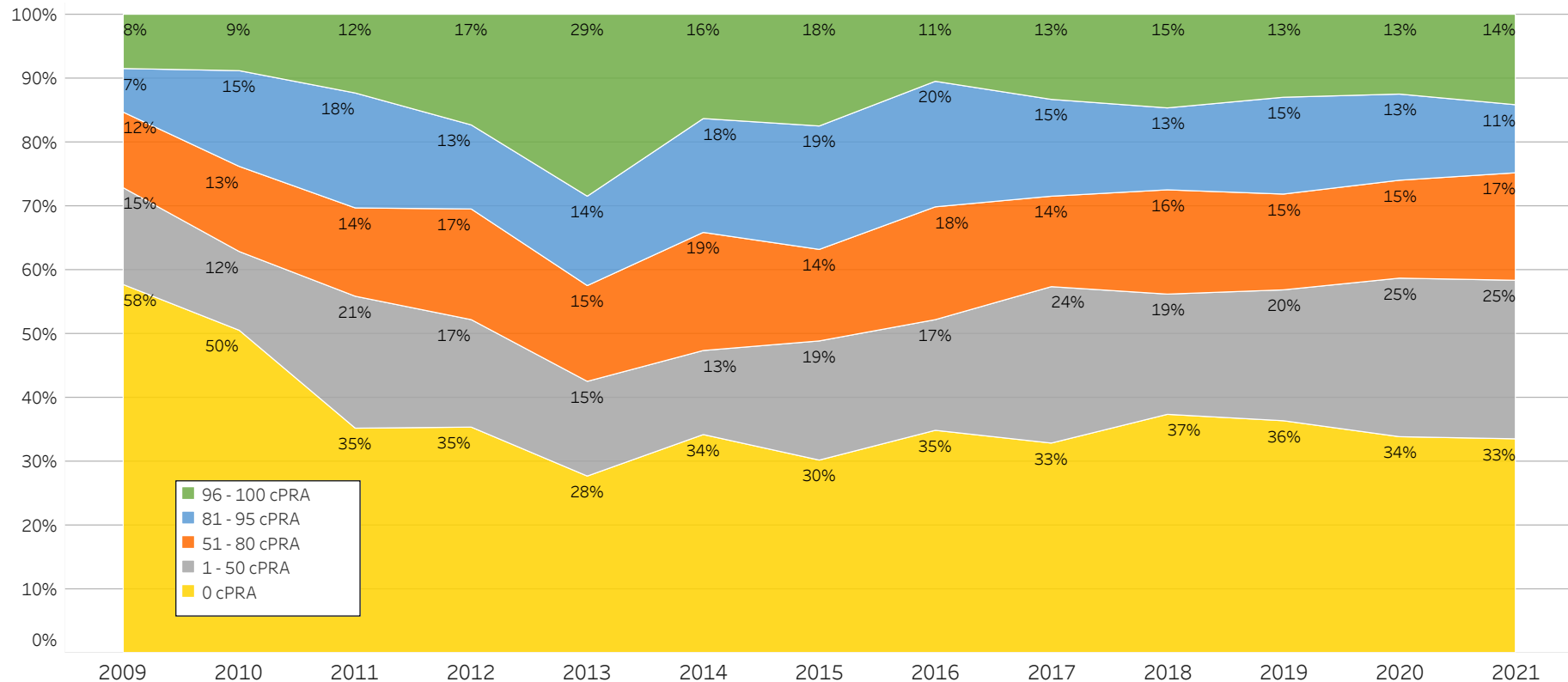
Due to High cPRA

#	Patient Alias	P-ABO	cPRA	Months Wait	Patient Type
1	135046567G	B	100.00	15	Voucher
2	540682214G	A	100.00	14	Voucher
3	C903849873	O	100.00	18	Paired
4	CB1040805	A	100.00	19	Voucher
5	GM8784	B	100.00	64	Paired
6	MAB1402991	AB	100.00	77	Voucher
7	PAC3140047	O	100.00	19	Paired
8	R475238	O	100.00	28	Paired
9	REYKRI750	B	100.00	23	Paired
10	RFLCC30	O	100.00	19	Voucher
11	RSALBLA	A	100.00	12	Paired
12	BW7106678R	A	99.98	14	Voucher
13	JS7574655R	AB	99.98	16	Voucher
14	M000464196	O	99.98	23	Paired
15	R324744	O	99.98	42	Voucher
16	TC10443436	O	99.98	14	Paired
17	MWASH1983	O	99.95	18	Paired
18	UC06142609	O	99.95	55	Paired
19	AP1230137	A	99.92	16	Paired

As of 4/19/2021 15:22:53



Transplanted Recipients by cPRA

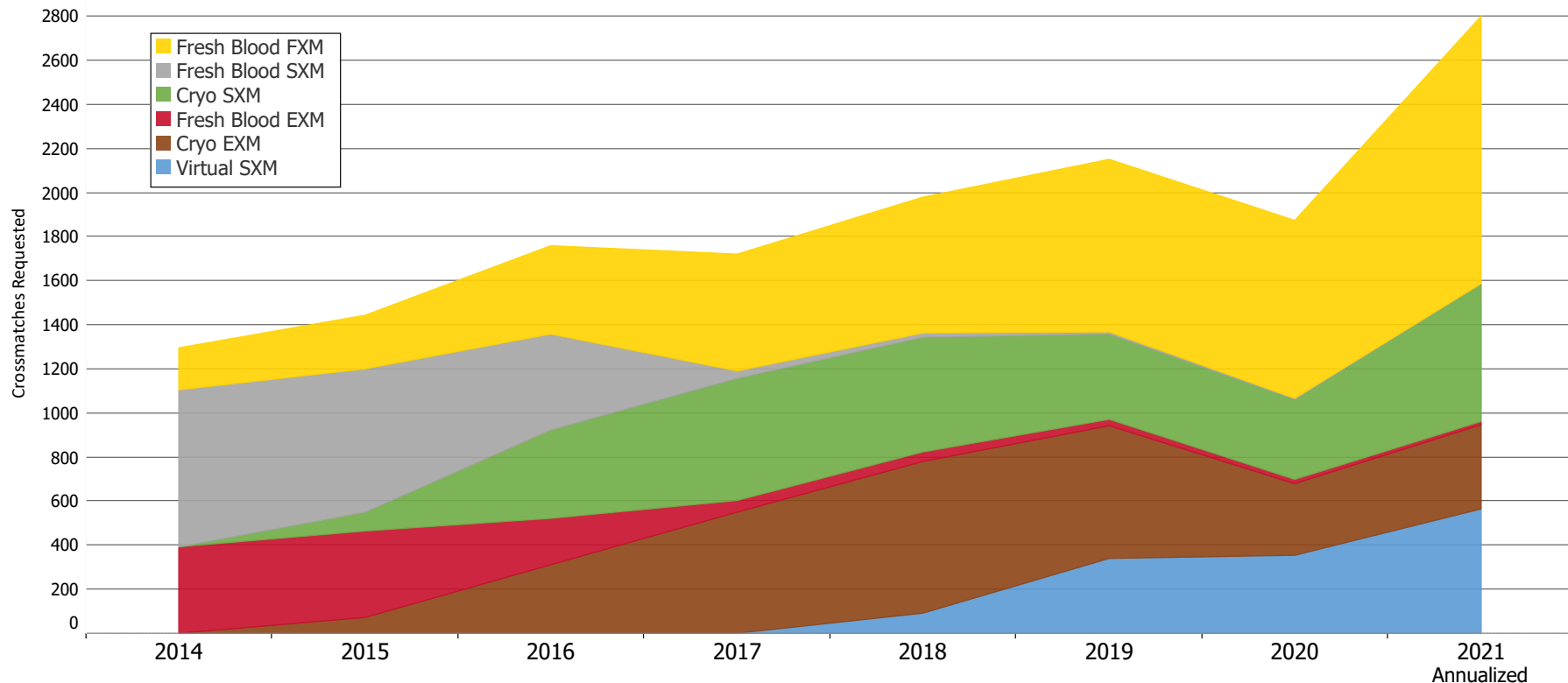


As of 4/22/2021 13:16:55

*Restated due to database update/changes affecting calculations



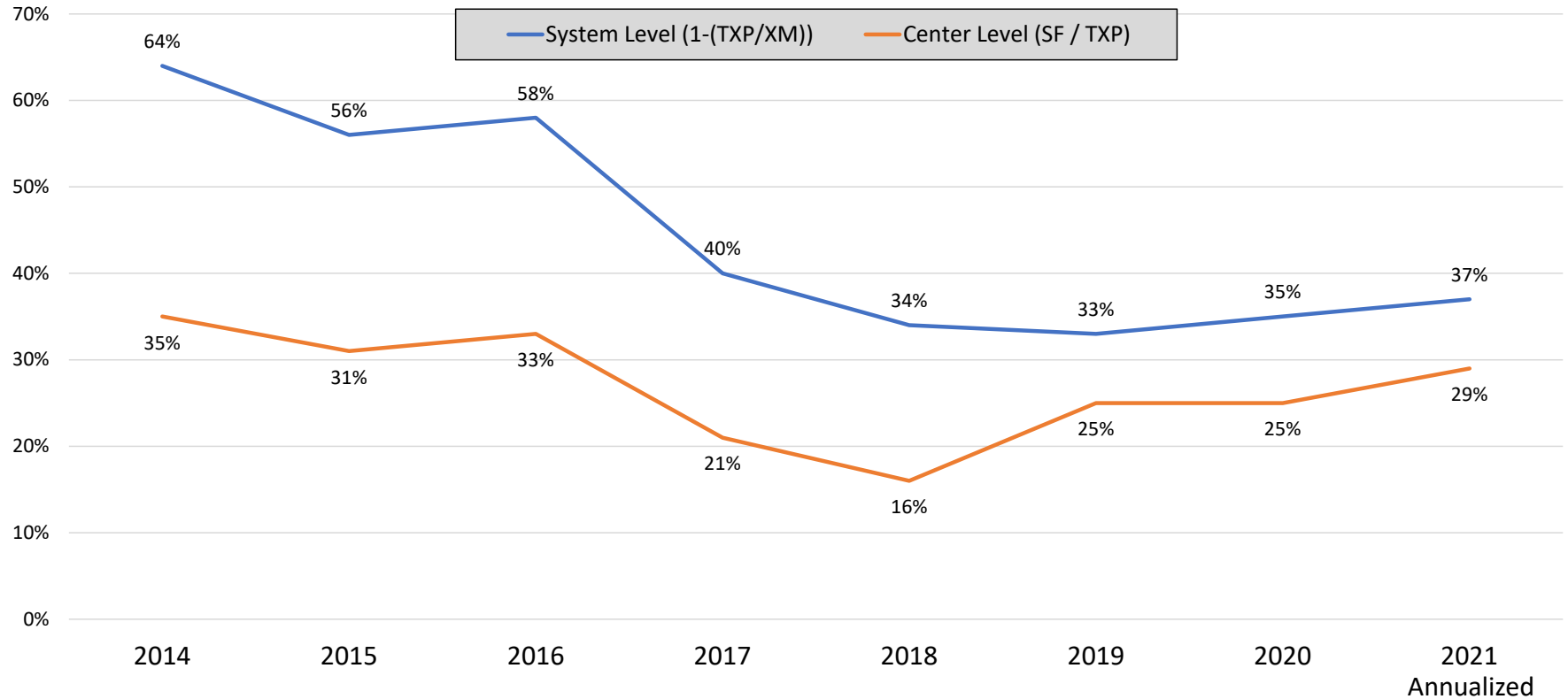
Streamlined Crossmatches Requested



As of 4/1/2021 14:57:16



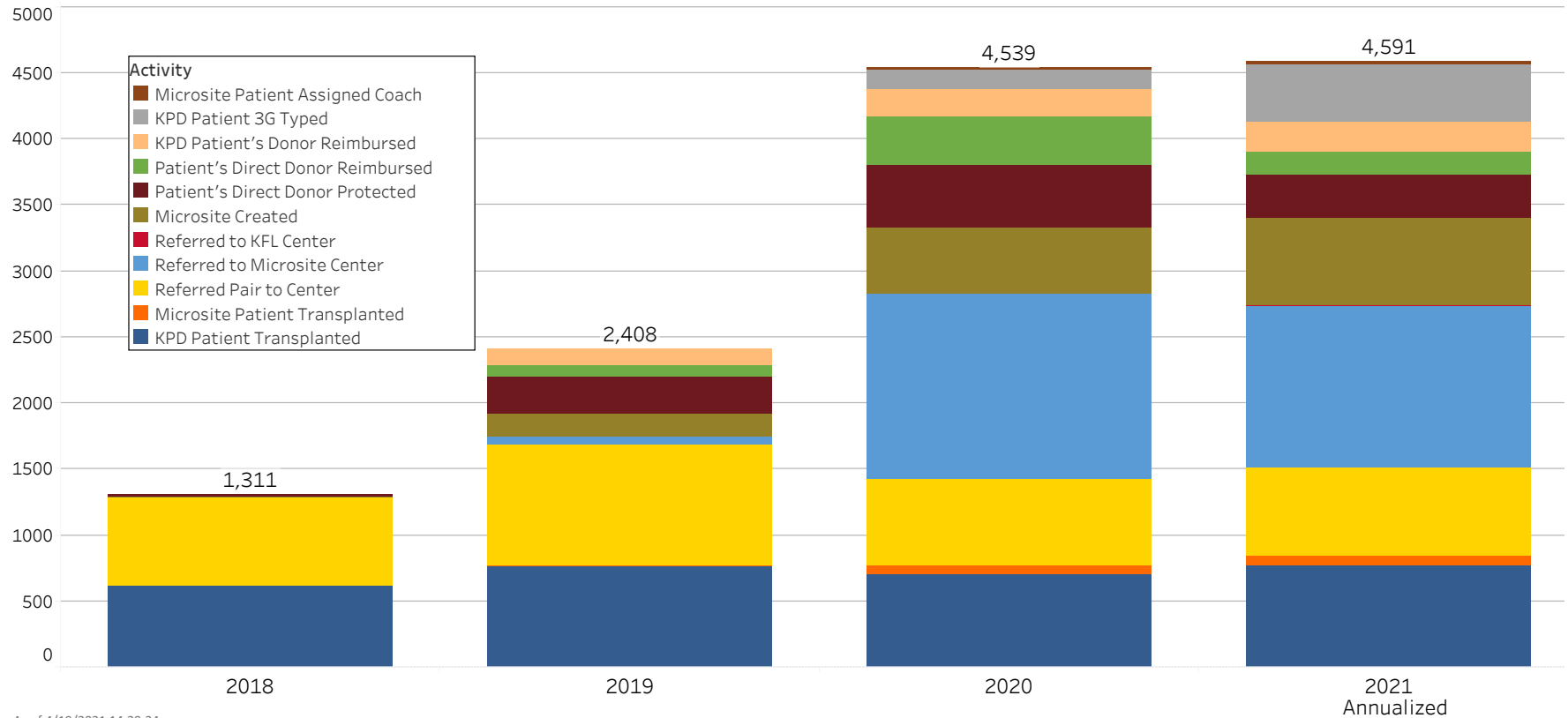
Swap Failure Rates



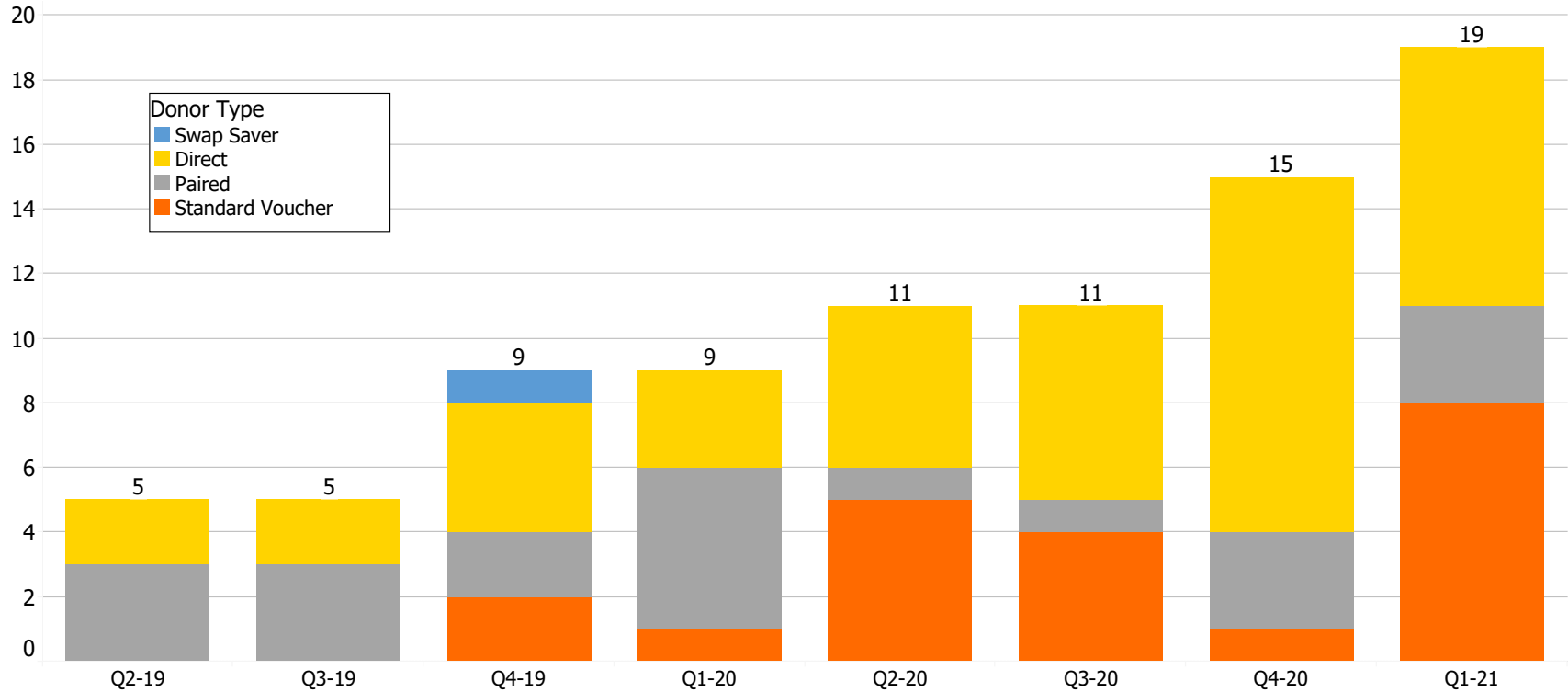
As of 4/6/2021



Patient Support Activities



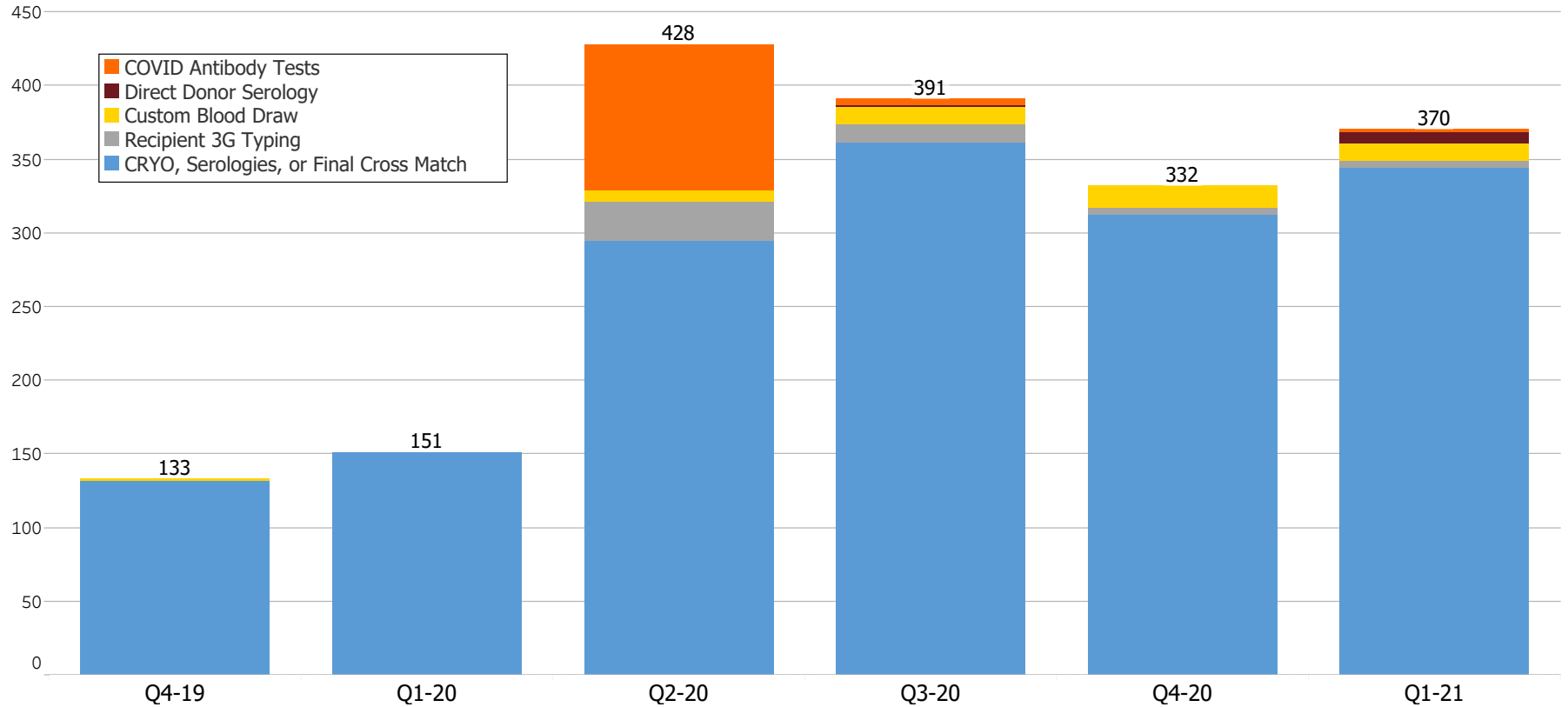
Remote Donations by Donor Type



As of 4/1/2021 14:57:16



Home Blood Draw Requests

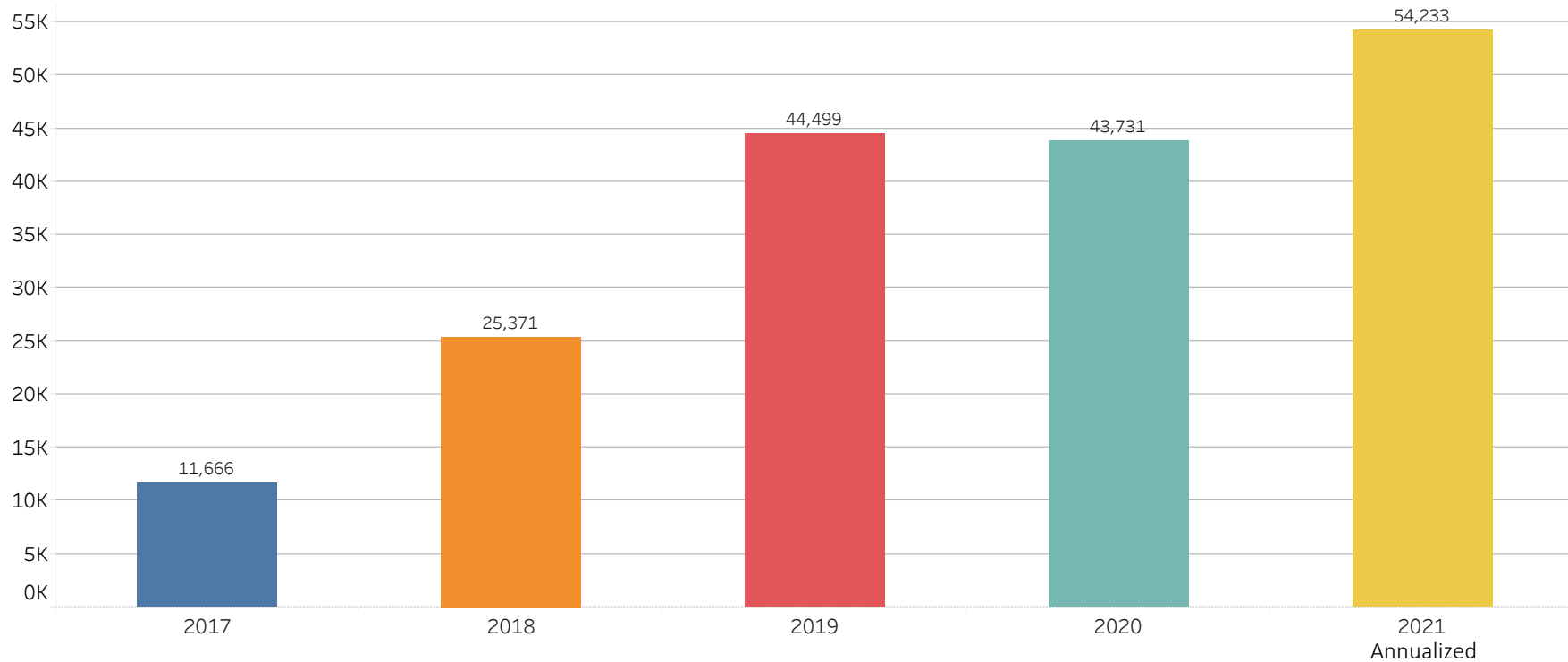


As of 4/26/2021 14:29:40



Donor Registrations

Across All DASH Platforms



As of 4/2/2021 18:40:52

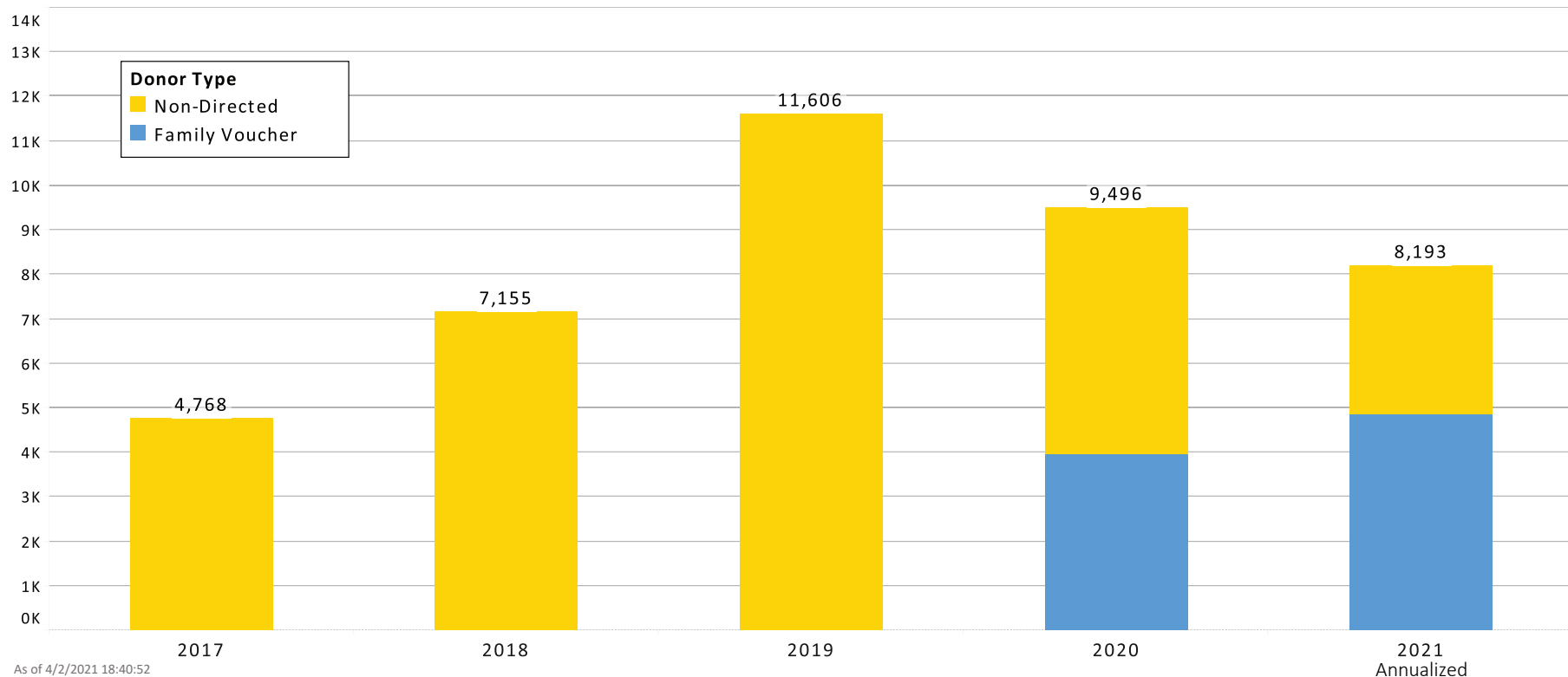
*Restated due to database update/changes affecting calculations



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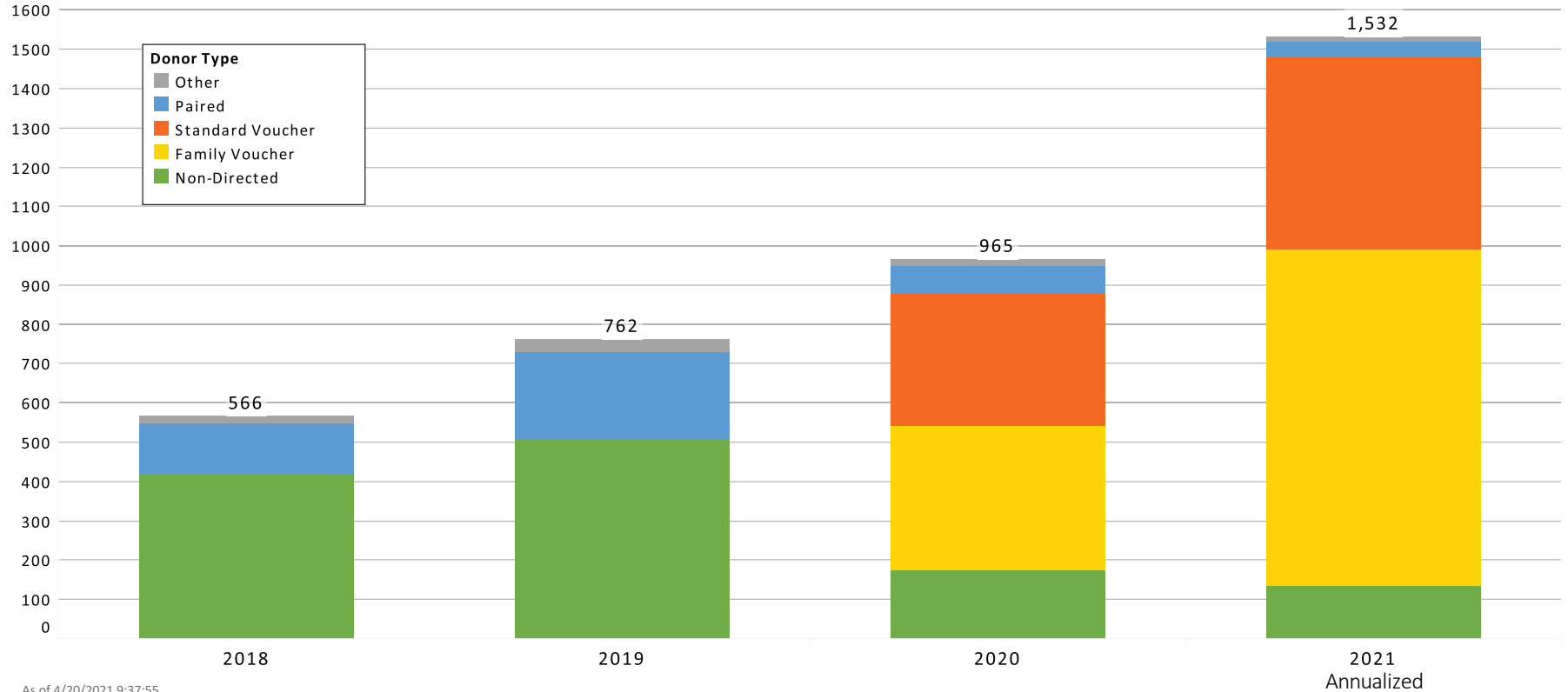
Good Samaritan Donor Registrations

Across All DASH Platforms

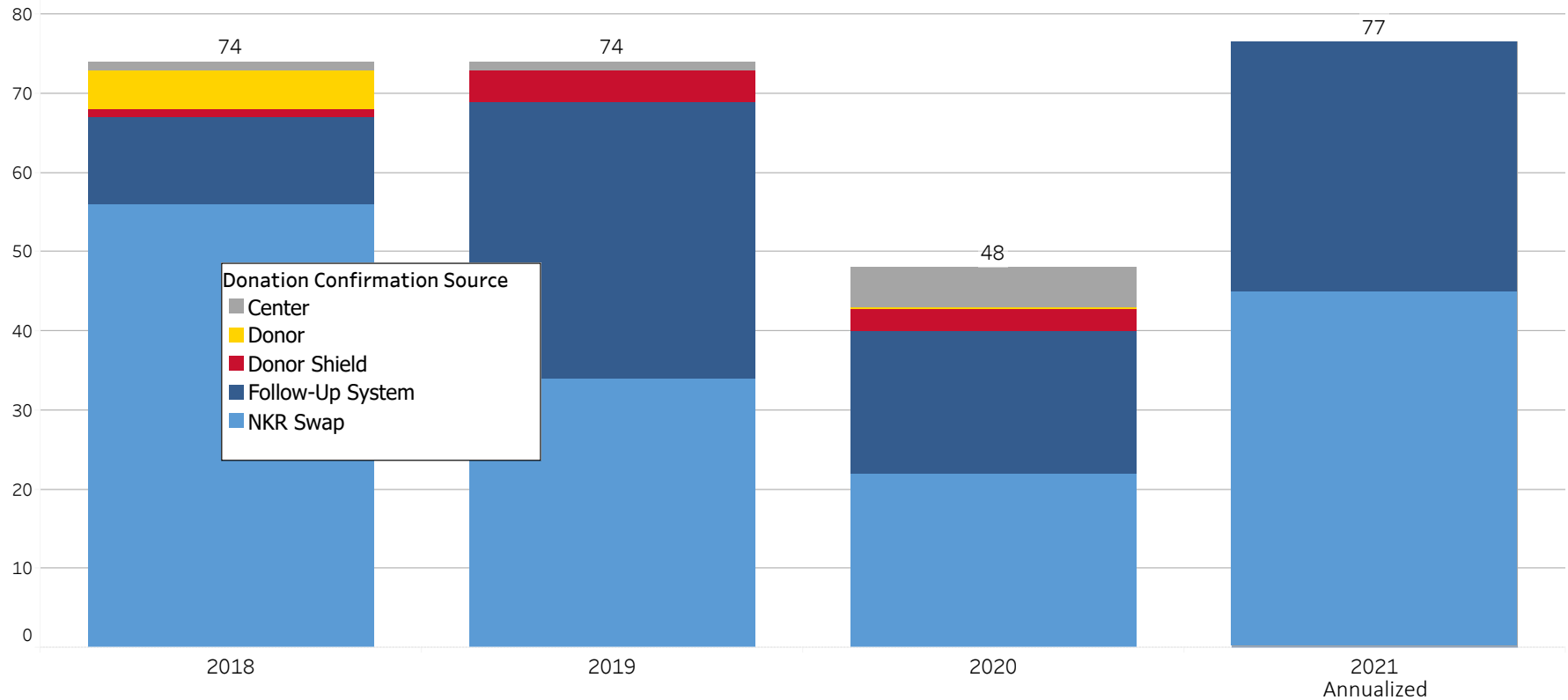


NKR & DCN Donor Referrals

Referred to NKR Member Centers



Donations from NKR & DCN Referrals



As of 4/20/2021 9:37:55
Annualization is based off a 5% conversion rate



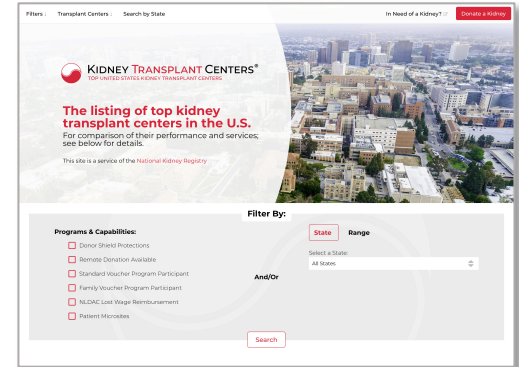
Educational Resources



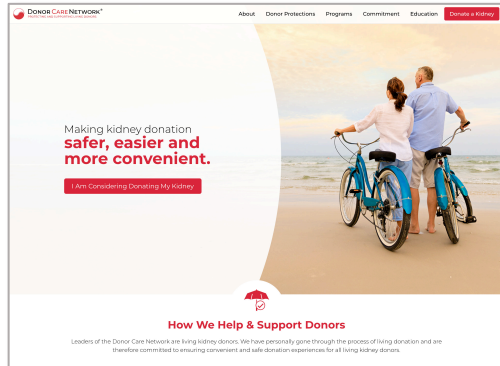
[kidneyregistry.org](https://www.kidneyregistry.org)



[donor-shield.org](https://www.donor-shield.org)



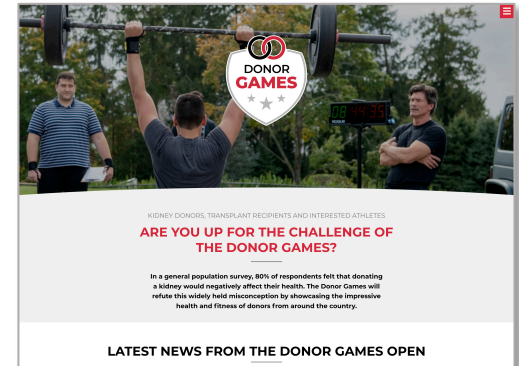
[kidneytransplantcenters.org](https://www.kidneytransplantcenters.org)



[donorcarenetwork.org](https://www.donorcarenetwork.org)



[kidneyforlife.org](https://www.kidneyforlife.org)



[livingdonorgames.org](https://www.livingdonorgames.org)