



NATIONAL KIDNEY REGISTRY[®]
FACILITATING LIVING DONOR TRANSPLANTS



KIDNEY FOR LIFE
BETTER MATCHES = BETTER OUTCOMES

Quarterly Report

Q2 2024

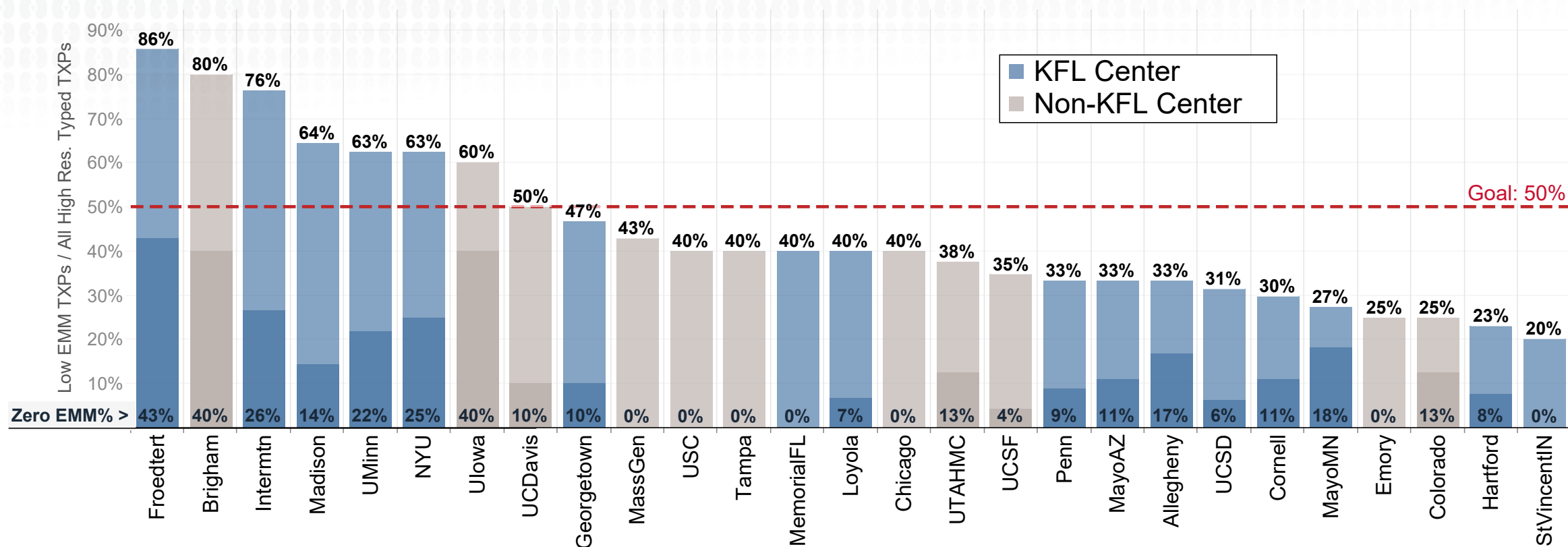
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KFL: 6-Month Success Rate

Low Eplet Mismatch (EMM) TXPs as a Percent of all High-Resolution Typed TXPs



Low EMM TXPs	6	4	26	9	20	20	3	5	14	3	2	6	2	4	2	3	8	2	9	15	5	8	9	2	2	3	2
All High Res. Typed TXPs*	7	5	34	14	32	32	5	10	30	7	5	15	5	10	5	8	23	6	27	45	16	27	33	8	8	13	10

Minimum 5 High Res. Typed TXPs

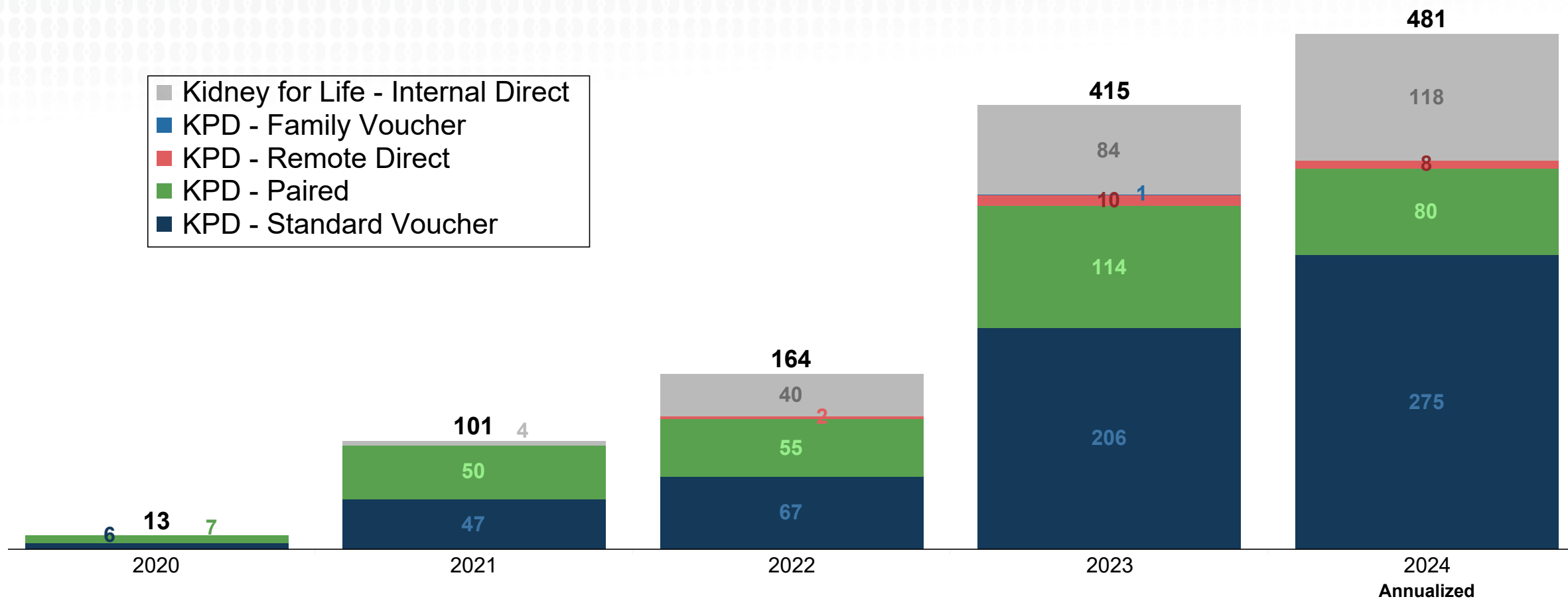
*All High Res. Typed TXPs = Any NKR transplanted patients who completed high-resolution tissue typing

As of 7/1/2024



KFL: Low Eplet Mismatch Transplants

Compatible and Incompatible Pairs



Excludes waitlist

As of 7/1/2024

The Kidney for Life initiative of the National Kidney Registry provides an opportunity for a better donor match.

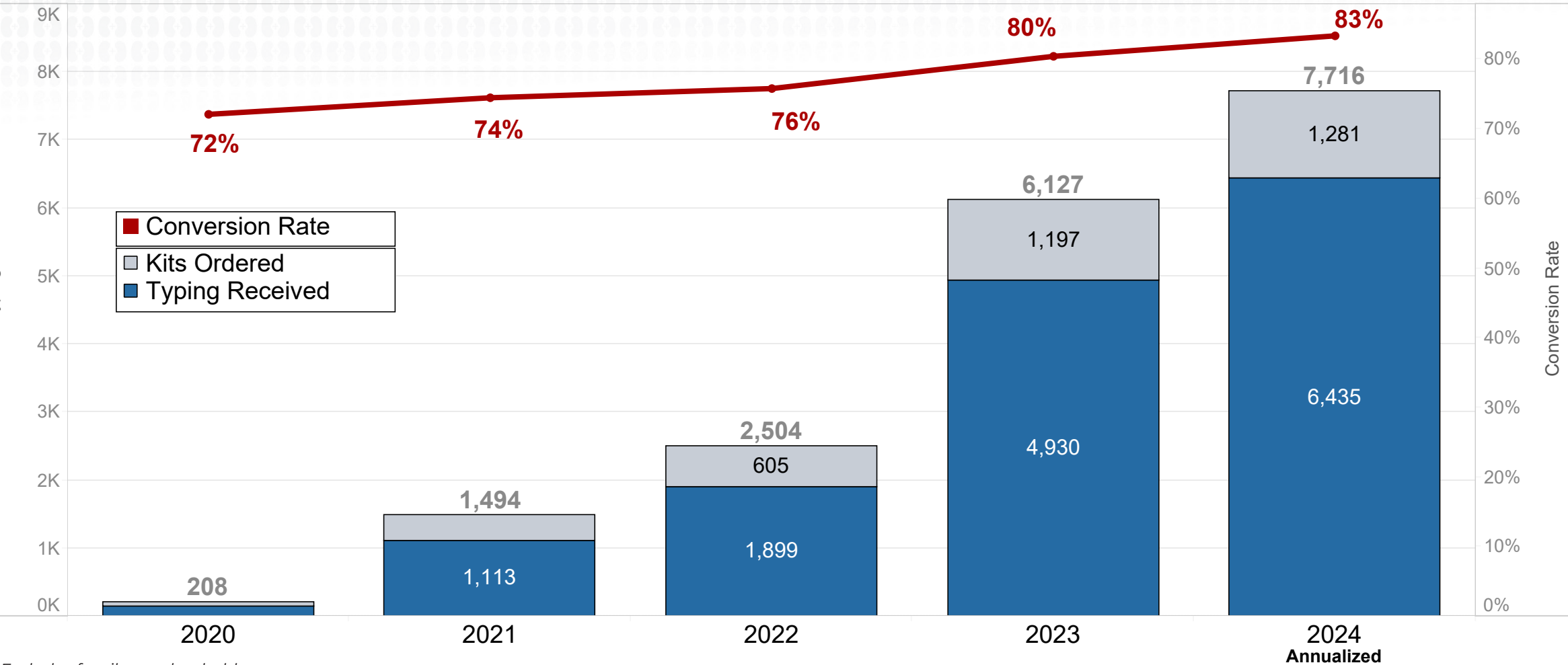
Eplet mismatch categories are based on the definition provided by Wiebe C, Kosmoliaptsis V, Pochinco D, et al. HLA-DR/DQ molecular mismatch: a prognostic biomarker for primary alloimmunity.

Am J Transplant. 2019;19:1708-1719. <https://doi.org/10.1111/ajt.15177>



KFL: DNA Collection for Donors and Patient

More Patients are Returning the DNA Collection Kits

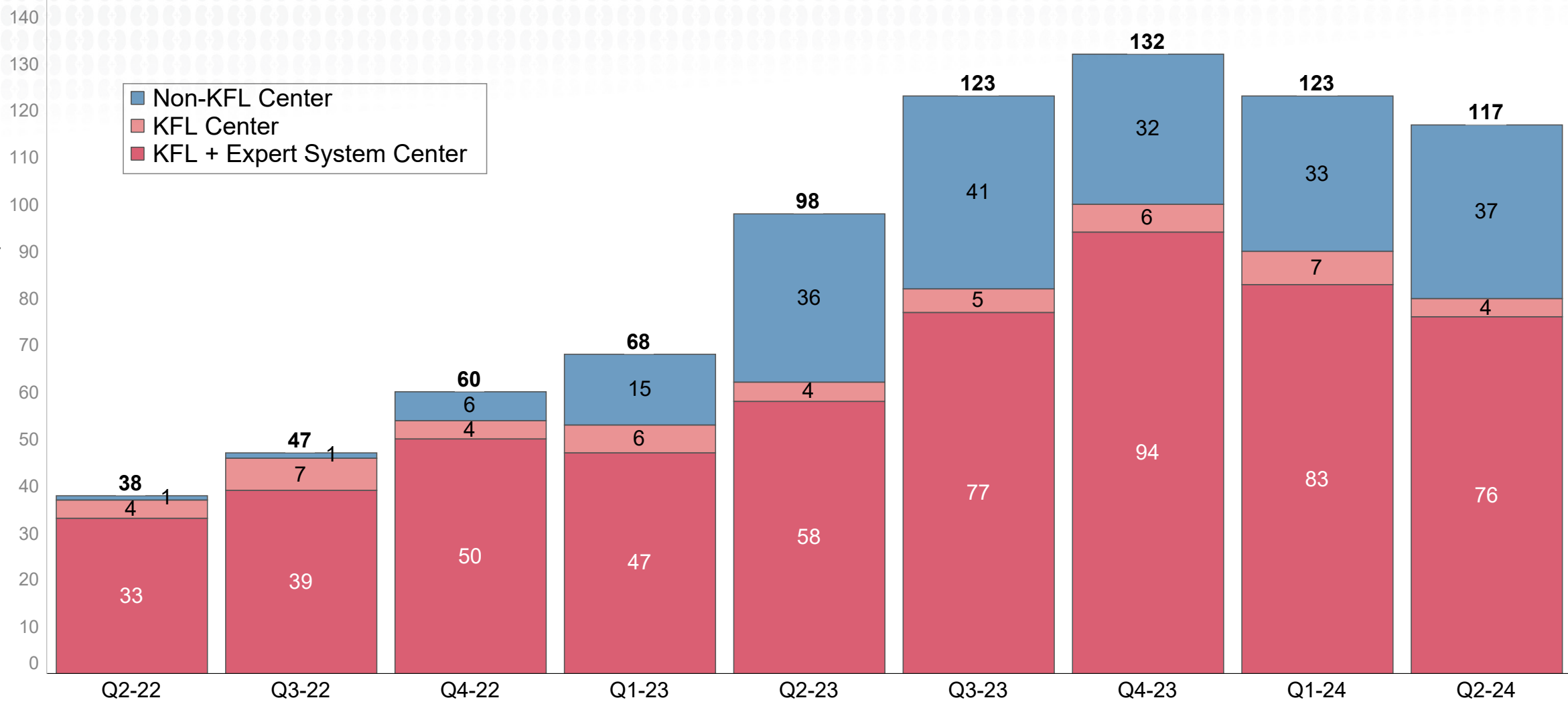


Excludes family voucher holders
Excludes all data within the last 40 days to account for lag time to return the kits
As of 7/1/2024



KFL: Low EMM Transplants by Center Participation

All Patient Types

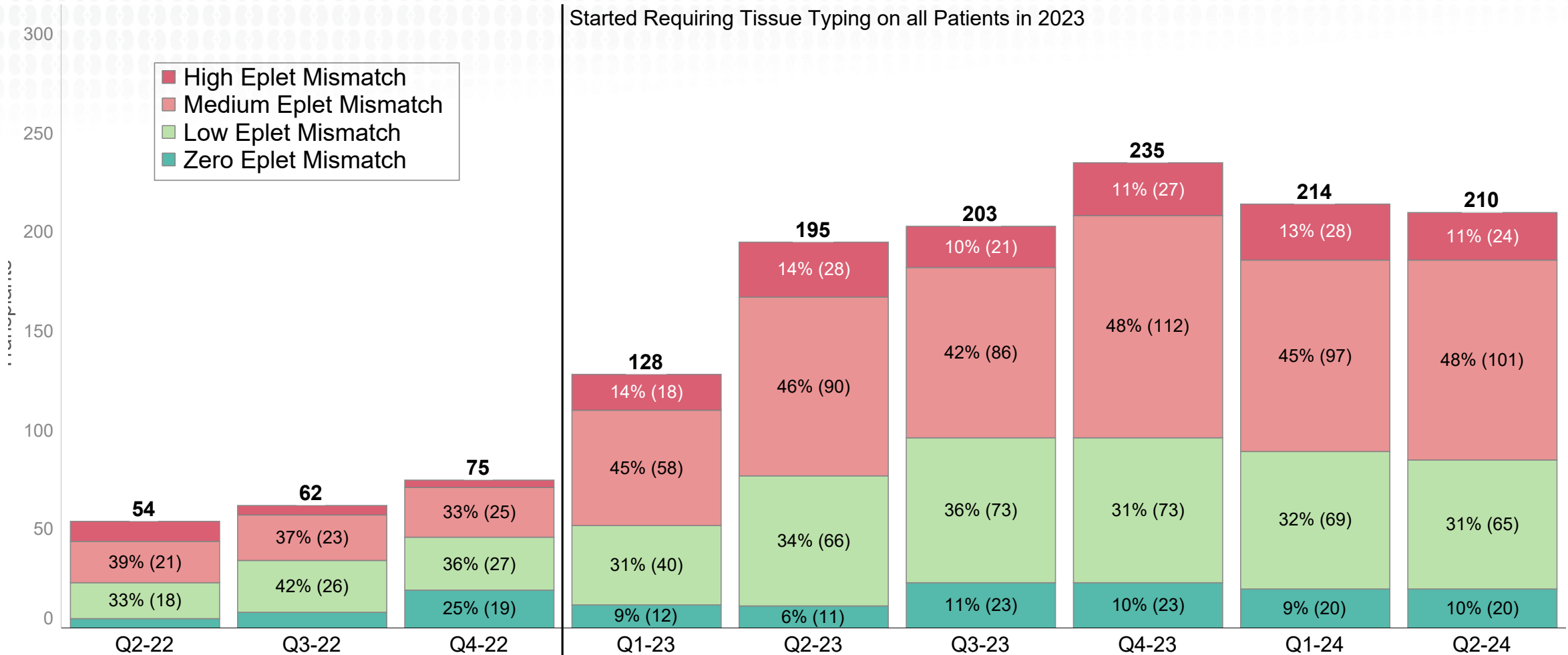


As of 7/1/2024



KFL: Transplants by Eplet Mismatch

Voucher and Paired



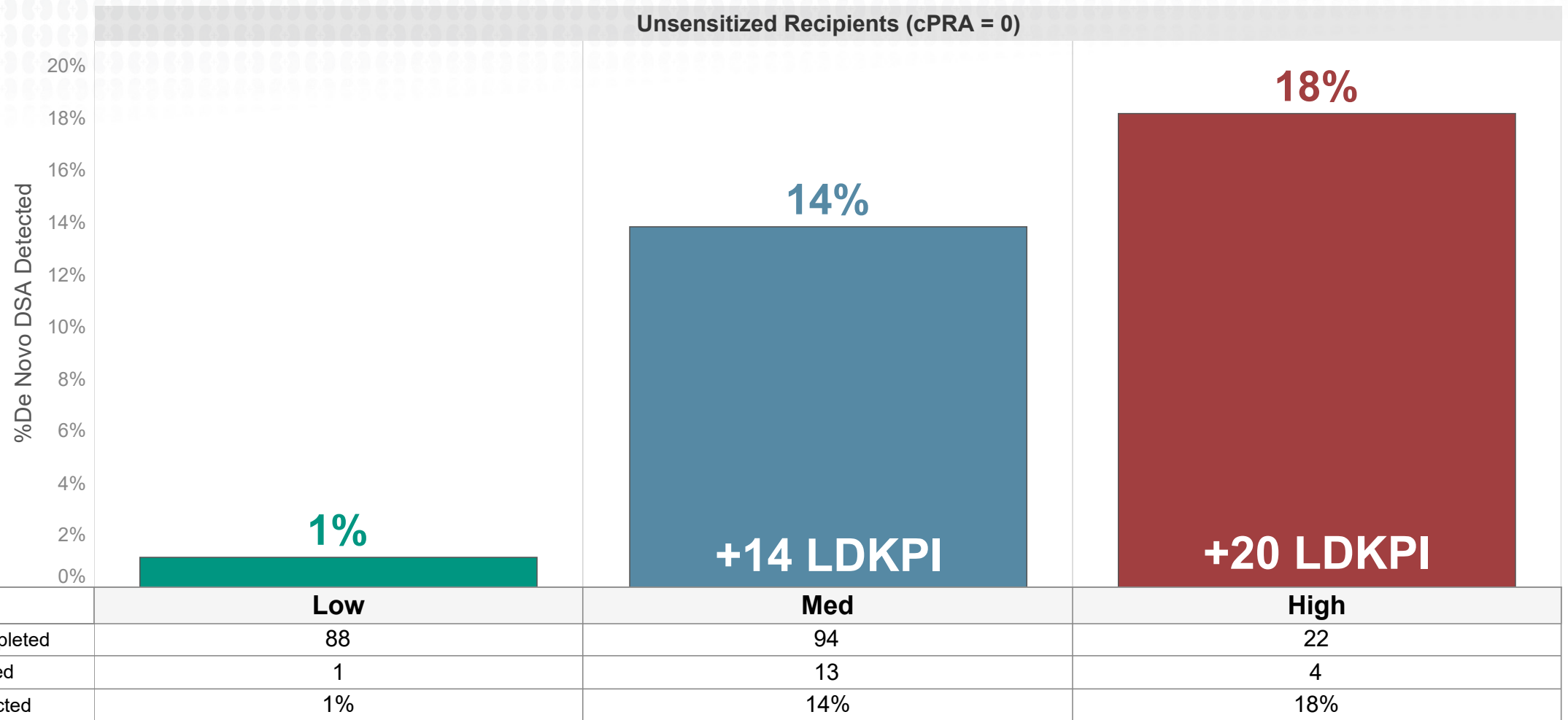
As of 7/1/2024

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KFL: 1-Year Antibody Screening Results

Low Eplet Mismatch Transplants Develop Fewer Donor Specific Antibodies

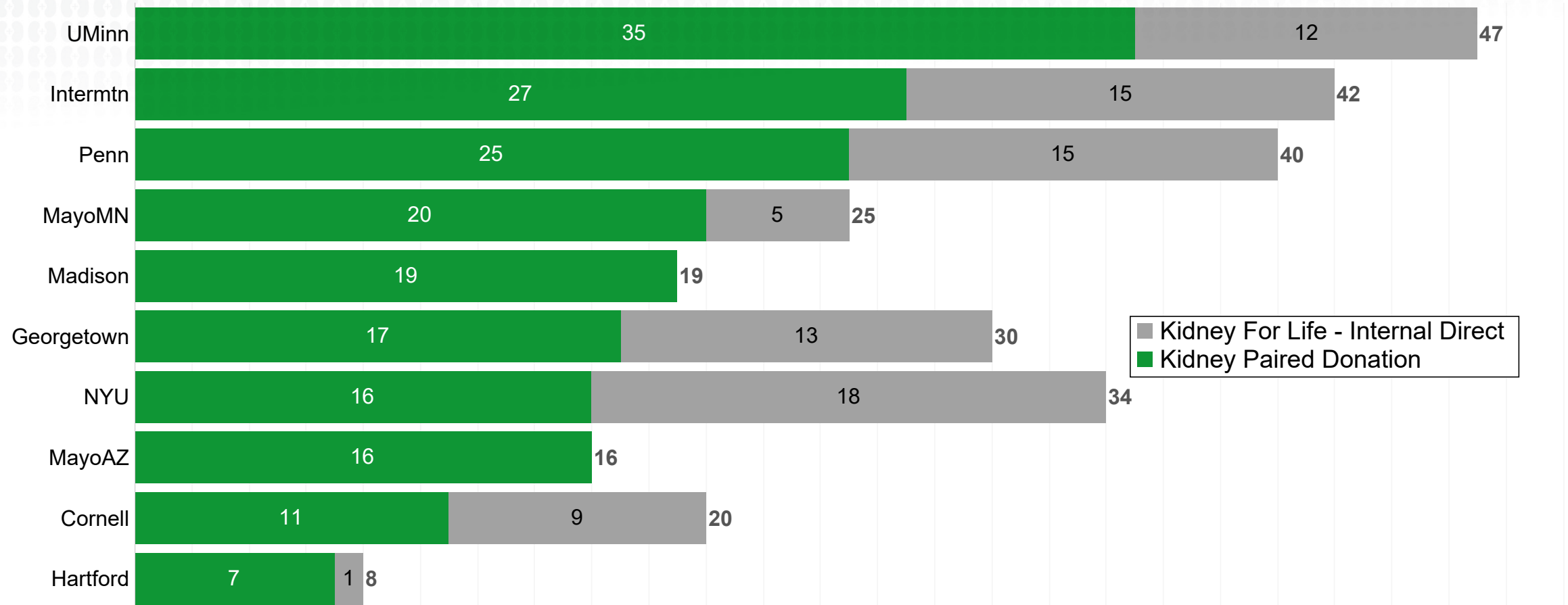


LDKPI data courtesy of NYU C-STAR (Segev & Massie). LDKPI data pending further validation
As of 7/1/2024



Top 10 KFL Centers: Low Eplet Mismatch Transplants

Compatible and Incompatible Pairs: Last 12 Months



Excludes Waitlist
As of 7/1/2024

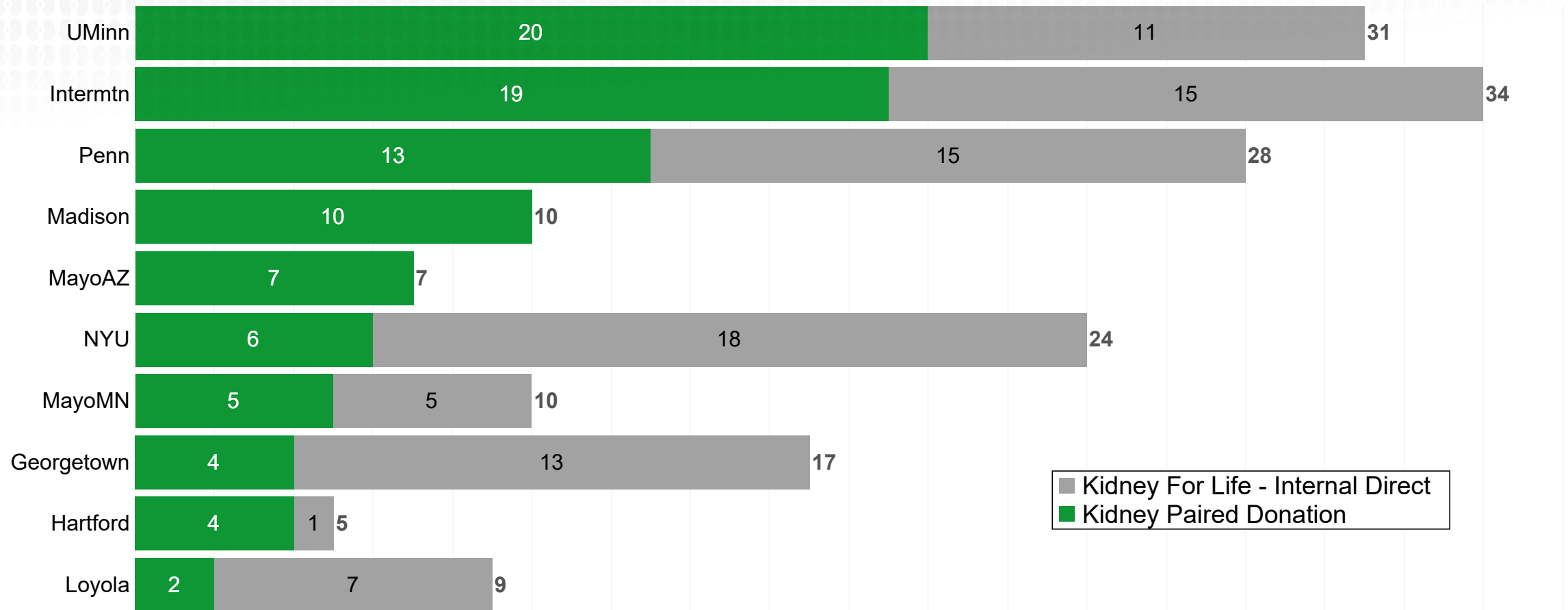
Kidney for Life is an NKR initiative to provide opportunities for better donor matches.

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Top 10 KFL Centers: Low Eplet Mismatch Transplants

Compatible Pairs: Last 12 Months



Excludes Waitlist
As of 7/1/2024

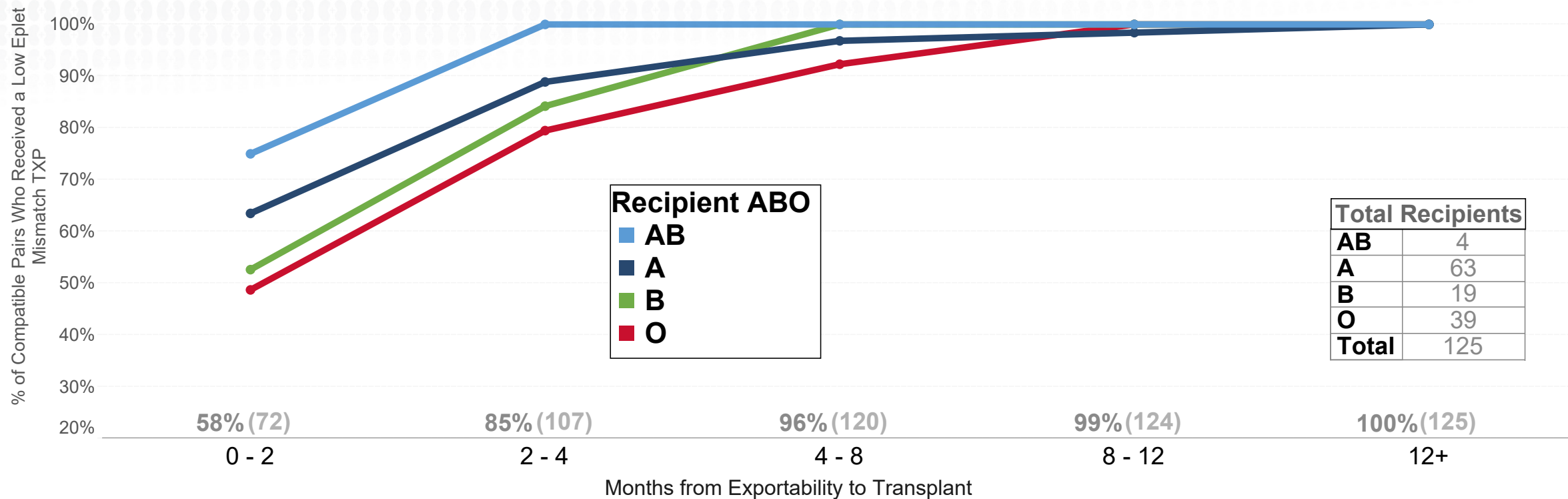
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Actual Wait Times to Transplant

Compatible Pairs Who Received a Low Eplet Mismatch Transplant

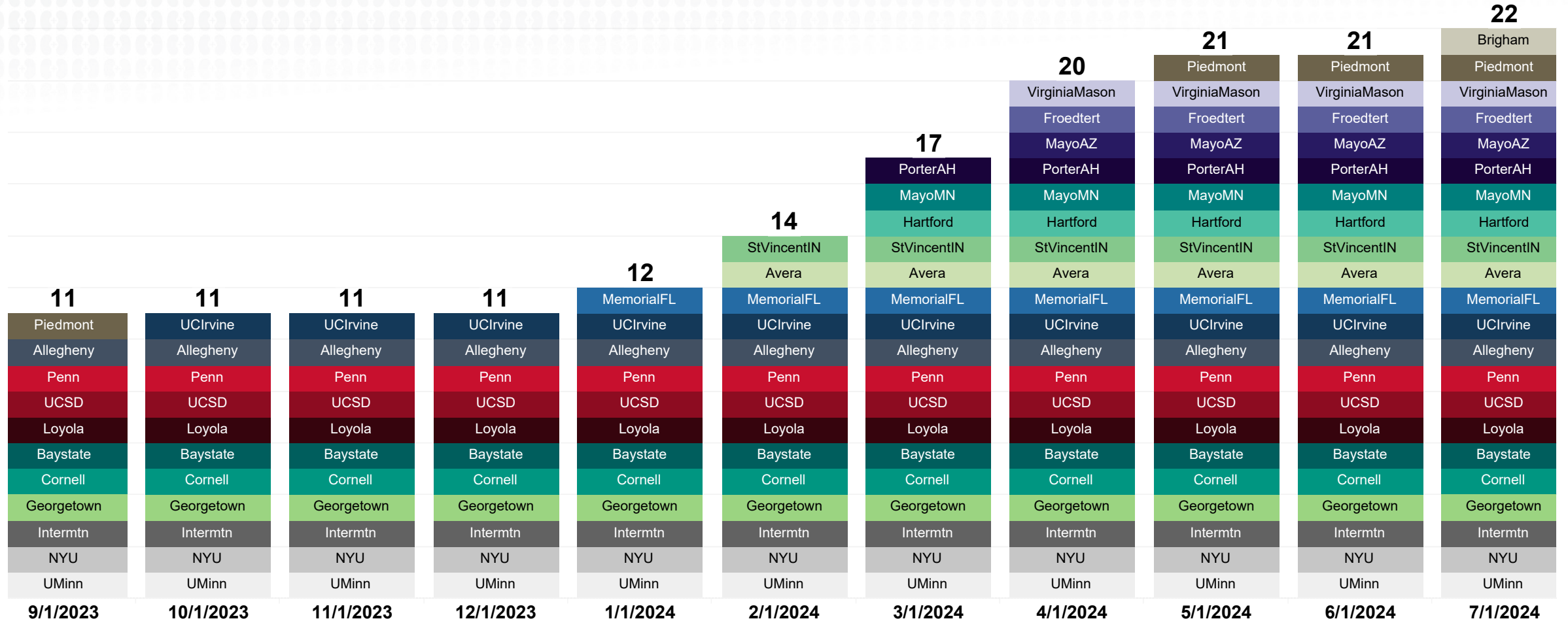


	0 - 2	2 - 4	4 - 8	8 - 12	12+
AB	75%	100%	100%	100%	100%
A	63%	89%	97%	98%	100%
B	53%	84%	100%	100%	100%
O	49%	79%	92%	100%	100%

Excludes KFL internal direct. Last 12 months to date. cPRA ≤ 99
As of 6/30/2024



KFL: Expert System Center Growth

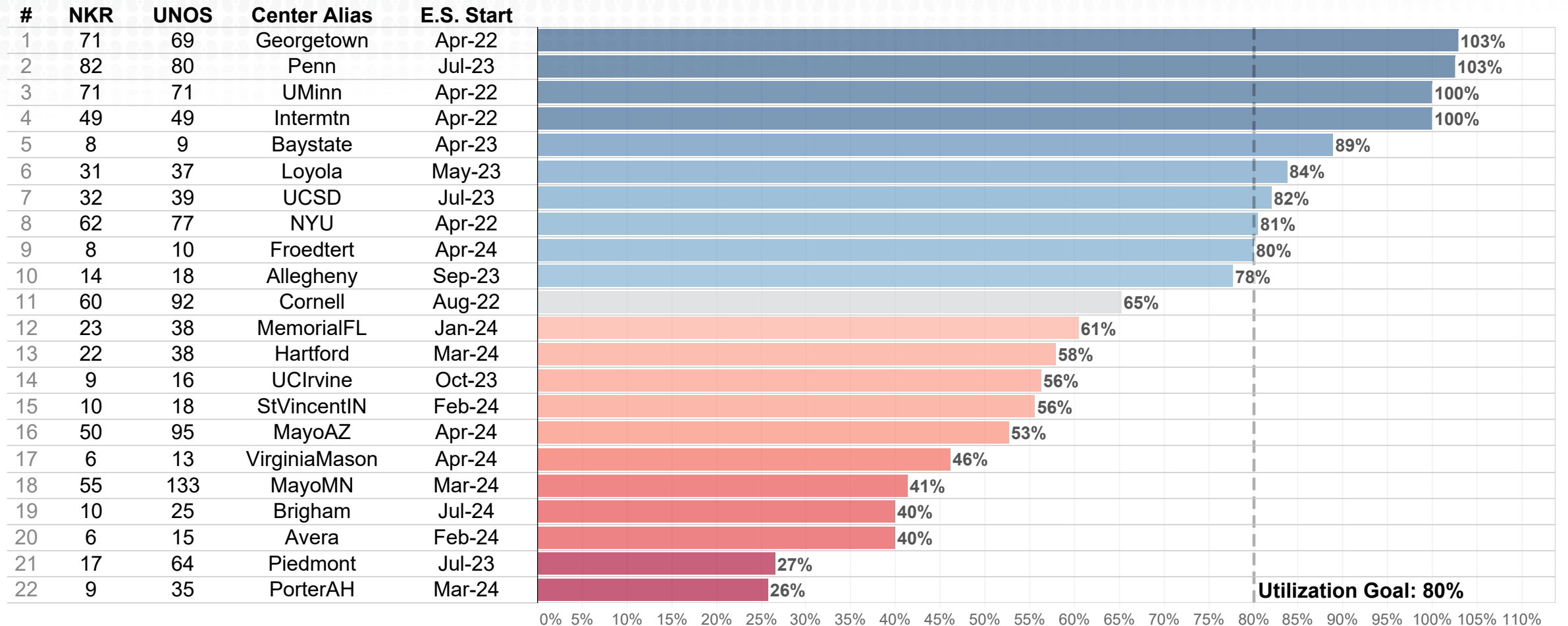


Data recorded the first day of the month
As of 7/1/2024



KFL Expert System: Utilization

NKR Transplants / UNOS Living Transplant Data

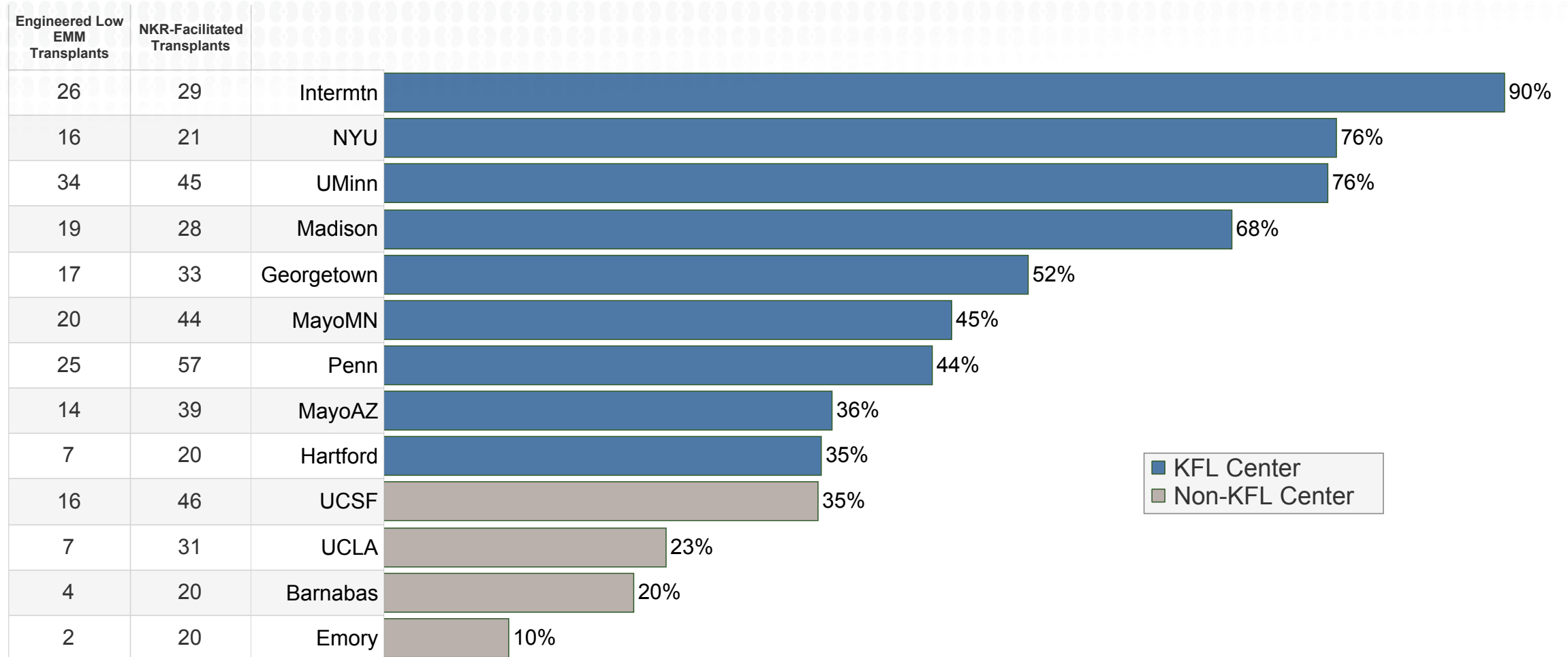


Most recent 12 months of UNOS industry data: 4/1/2023–3/31/2024
 Excludes waitlist transplants
 As of 7/1/2024



KFL Top Centers: Engineered Low Eplet Mismatch Transplants

Low EMM TXPs / NKR-Facilitated Transplants: Last 12 Months



*Voucher and paired only
Minimum 20 NKR-facilitated transplants
As of 7/1/2024*



Resources

kidneyregistry.org

donor-shield.org

Rank	Center Name	State	...
1	University of Minnesota Medical Center	MN	83
2	Mayo Clinic Rochester	MN	88
3	Hospital of the University of Pennsylvania	PA	81
4	Mayo Clinic Arizona	AZ	77
5	MedStar Georgetown University Hospital	DC	45
6	University of Wisconsin-Madison	WI	63
7	NYU Langone Health	NY	71
8	NewYork-Presbyterian/Well Cornell	NY	71
9	UCSF Medical Center	CA	51
10	UCR Medical Center	CA	49
11	Intermountain Medical Center	UT	23
12	Louisville University Medical Center	IL	29
13	Piedmont Hospital	GA	46
14	Emory Transplant Center	GA	30

kidneytransplantcenters.org

donorcarenet.org

kidneyforlife.org

findakidney.org

livingdonorgames.org

