

NAEC Update – 2025 Center Annual Report Data

Stephan Schuele, MD and Susan Arnold, MD

NAEC President and Vice President

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Overview of 2025 Accreditation Results



2026 vs 2025 NAEAC Membership

Number of Members in 2025	329
Number of applicants at new centers	16
Number of centers who did not complete process or withdrew	- 4
Total number of centers at the end of 2026 accred process	341 (net increase 12 centers)



Center Demographics – 2026 vs 2025

2026 Center Demographics			
	Adult	Pediatric	Total
Level 4	147 (SAME)	93 (+5)	240 (+5)
Level 3	71 (+8)	30 (-1)	101 (+7)
Total	218 (+8)	123 (+4)	341 (+12)
Note: (changes) are compared to 2025			

Level 3 and 4 Partners

Number of Level 3 Centers	Number of Level 4 Center Partners
101	85

Range of Number of Level 4 Partners Reported by Level 3 Centers	Range of Number of Level 3 Centers Referring to Level 4 Centers
1 to 4 (12 level 3 centers listed more than one level 4 partner)	1 to 2 (22 level 4 centers are listed by more than one level 3 partner)

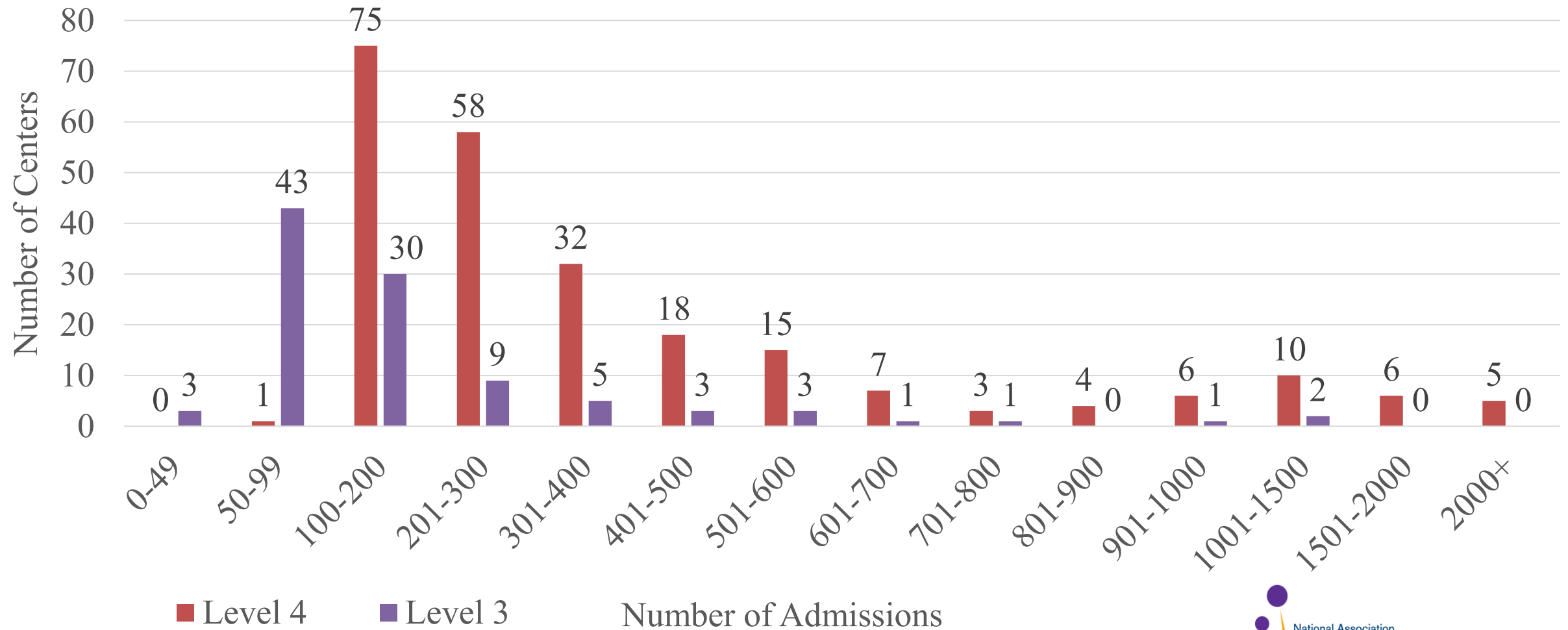
2026 Accreditation Decisions

	# of Centers
Level 4	235 (+10 from 2025)
Level 4 Conditional	5 (-5 from 2025)
Level 3	99 (+8 from 2025)
Level 3 Conditional	2 (-1 from 2025)
No Accreditation	4

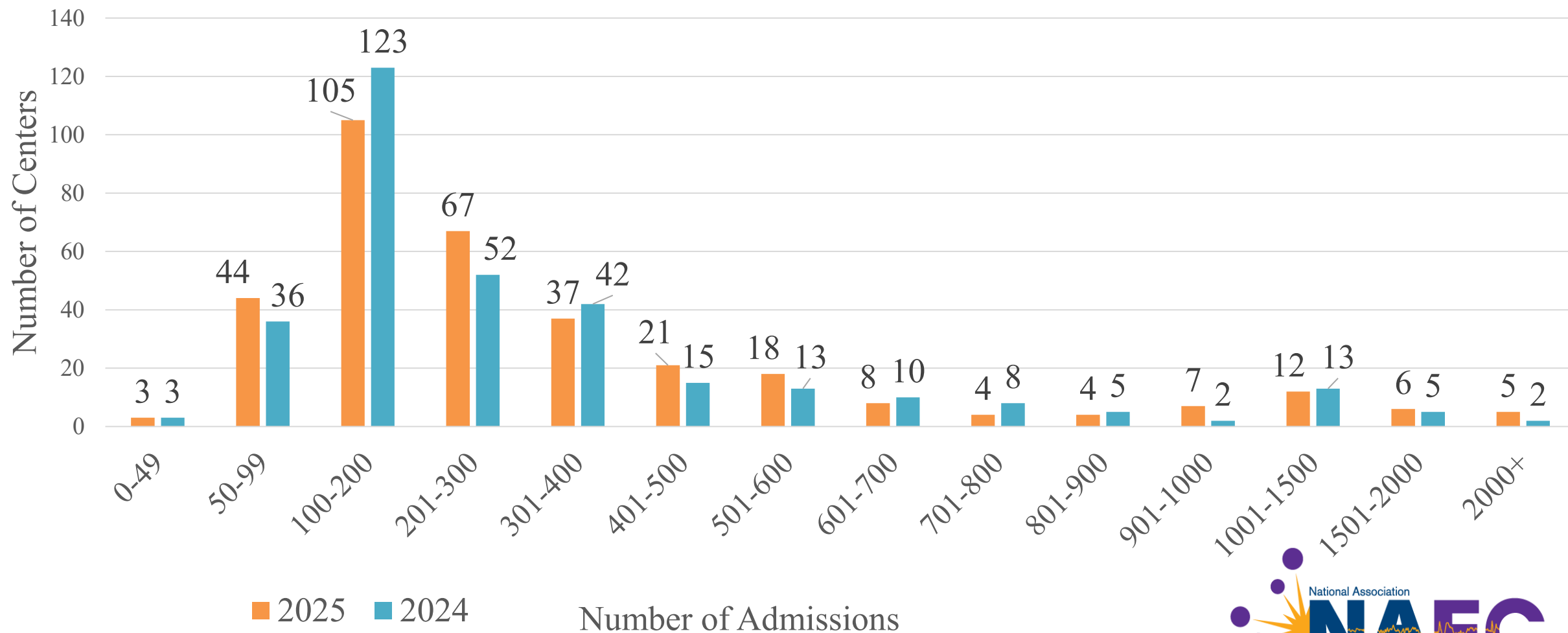
EMU Data



EMU Admissions - 2025



EMU Admissions - 2025 and 2024



2025 EMU Admissions – Total Patients

2025 Total EMU Admissions: 119,285

Total Patients <18	Total Patients 19+
69,414	49,871

2024 Total EMU Admissions: 110,514

2023 Total EMU Admissions: 104,666

2022 Total EMU Admissions: 84,858

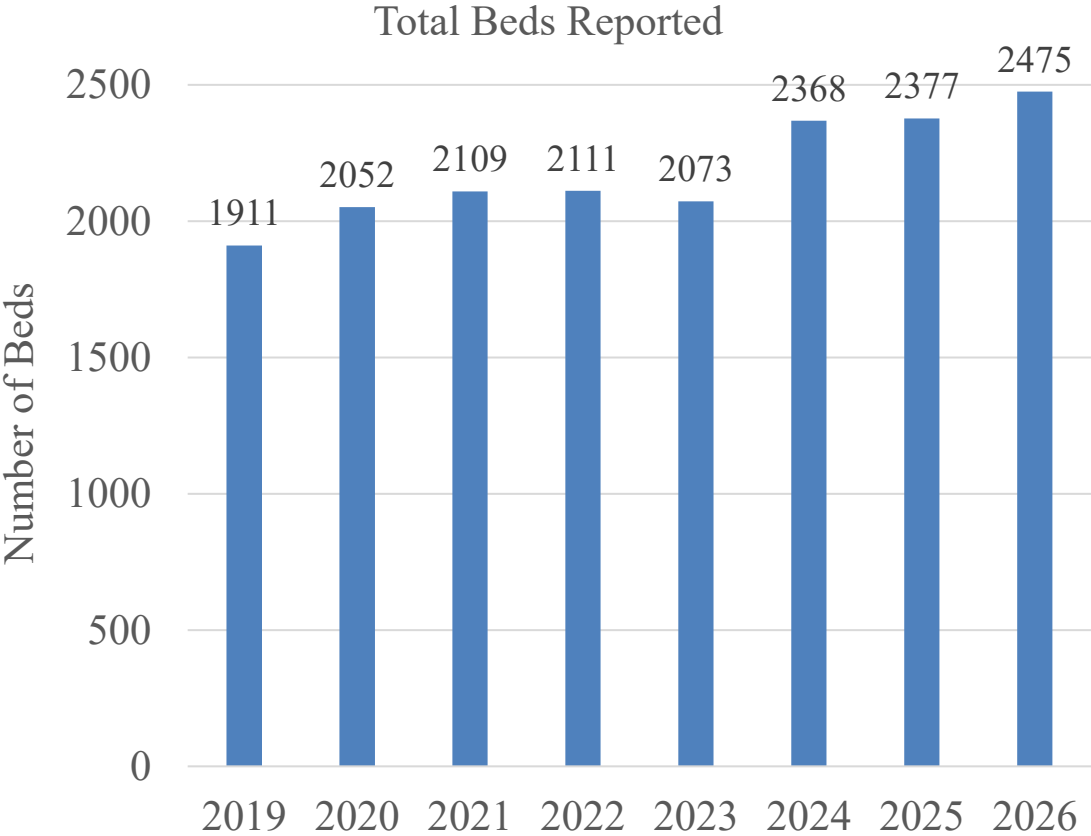
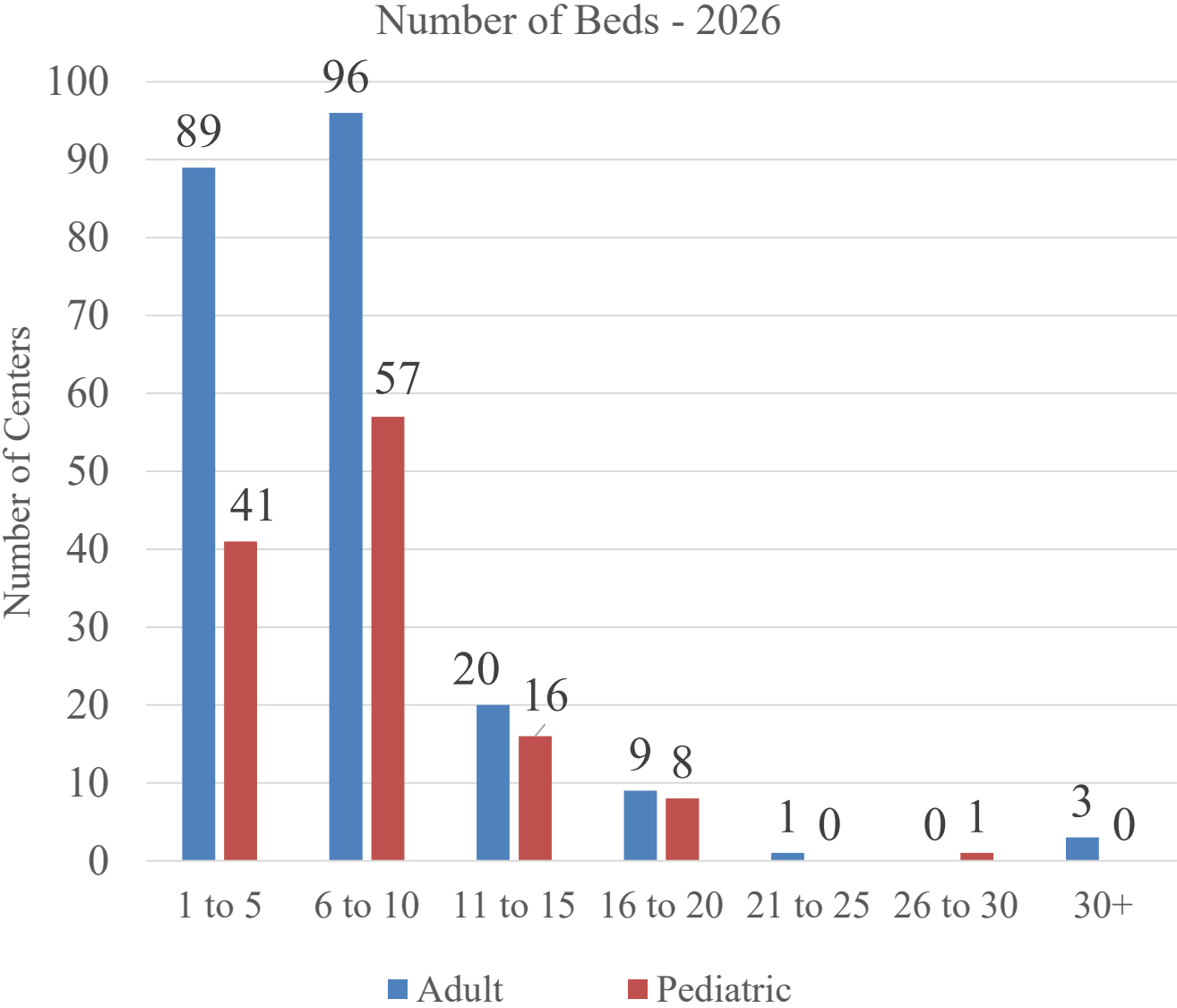
2021 Total EMU Admissions: 84,532

2020 Total EMU Admissions: 68,992

2019 Total EMU Admissions: 95,565



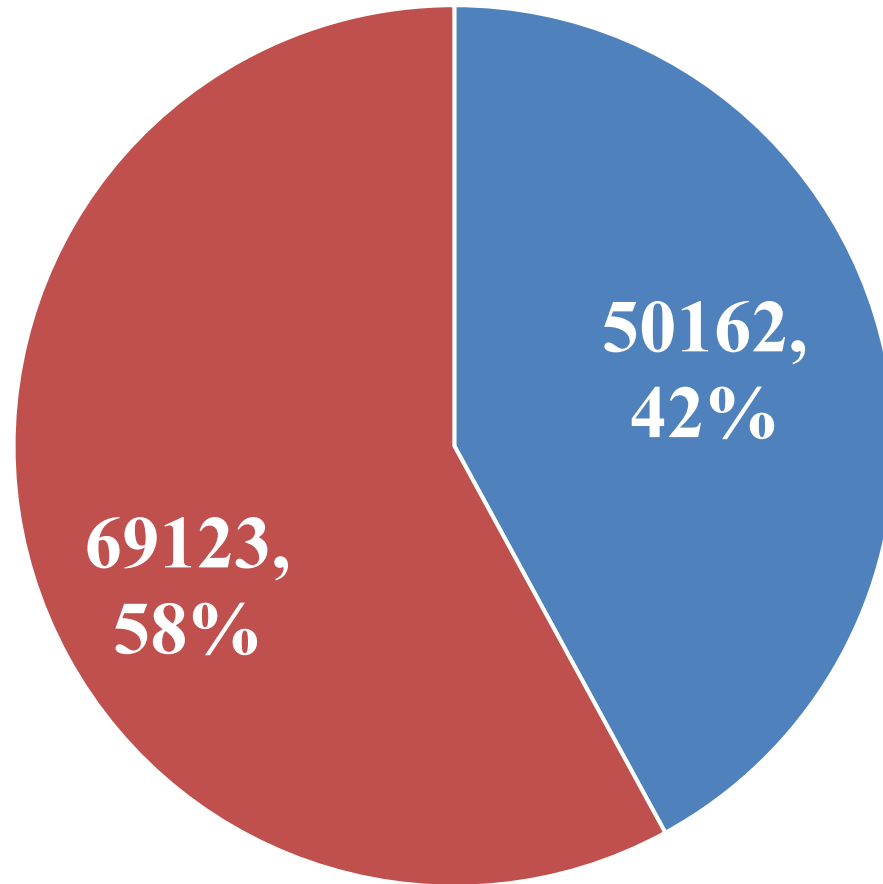
Number of EMU Beds – 2019-2026



Length of Stay for EMU Admissions 2025

	Adult Patients		Pediatric Patients	
	Phase 1	Phase 2	Phase 1	Phase 2
Adult Centers	Average: 3.98 days Range: 1.7 to 9.43 days	Average: 8.45 days Range: 3 to 15.43 days	Average: 2.78 days Range: 0.9 to 8 days	Average: 8.1 days Range: 1 to 24 days
Pediatric Centers	Average 3.36 days Range: 0.83 to 7 days	Average: 7.31 days Range: 1 to 15 days	Average: 3.18 days Range: 0.55 to 14 days	Average: 7.47 days Range: 1 to 18 days

2025 EMU Admissions by Center Type



■ Adult Centers

■ Pediatric Centers

% of NAEAC Centers in 2025

Adult	Ped
64%	36%

Detailed Surgical Data



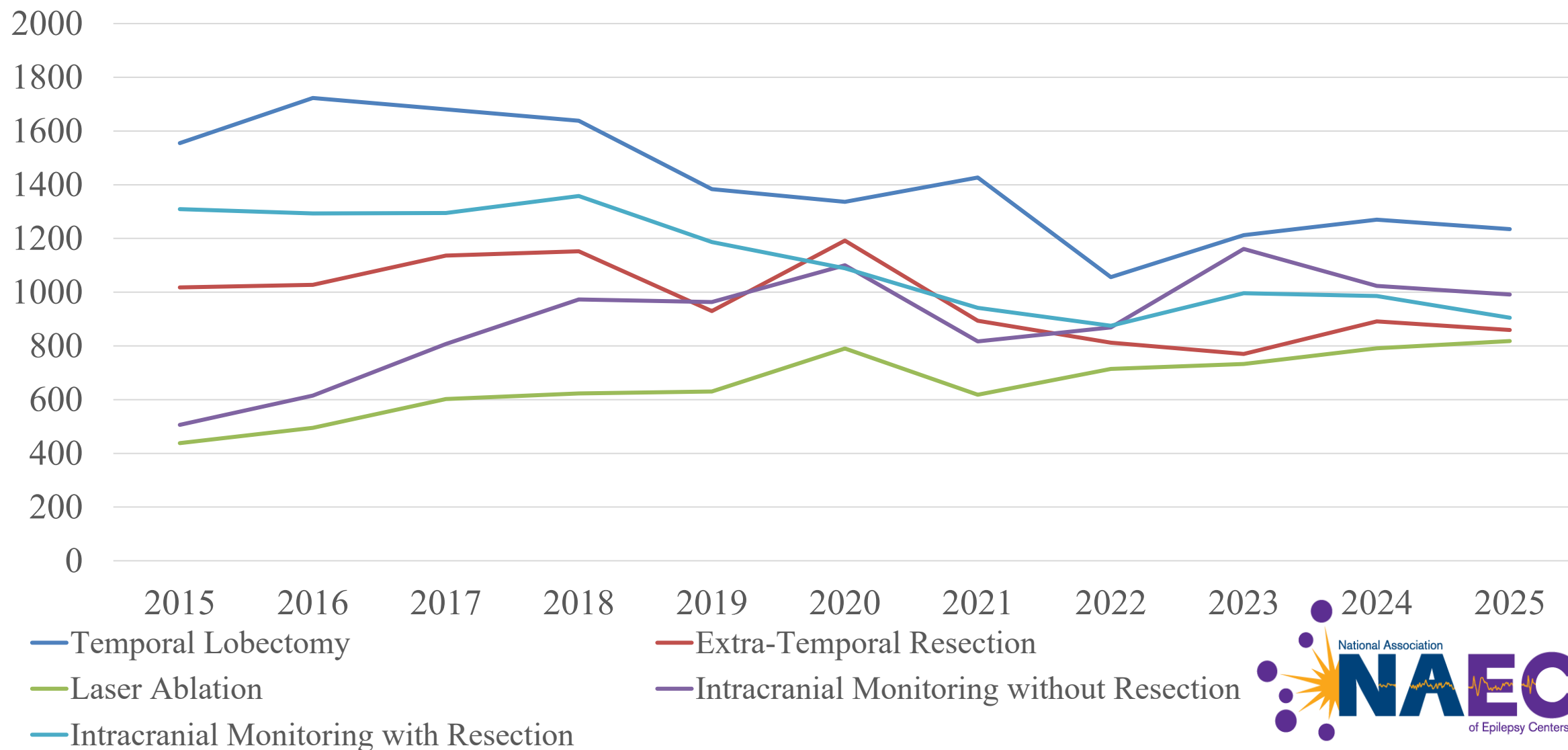
Distribution of Procedures – Totals Reported by NAEAC Centers for 2025

Procedure	Ped Pts	Adult Pts	All Pts
Temporal Lobectomy	322	913	1235
Extra-Temporal Resection	450	409	859
Laser Ablation	274	544	818
Intracranial Monitoring with Resection	372	533	905
Intracranial Monitoring without Resection	229	762	991

Percentage of Change by Procedure

Procedure	2025 vs 2024	2025 vs 2023	2025 vs 2022	2025 vs 2021
Temporal Lobectomy	-3%	2%	17%	-13%
Extra-Temporal Resection	-4%	12%	6%	-4%
Laser Ablation	3%	12%	15%	32%
Intracranial Monitoring with Resection	-8%	-9%	3%	-4%
Intracranial Monitoring without Resection	-3%	-15%	14%	21%

Total Procedures – 2015 - 2025



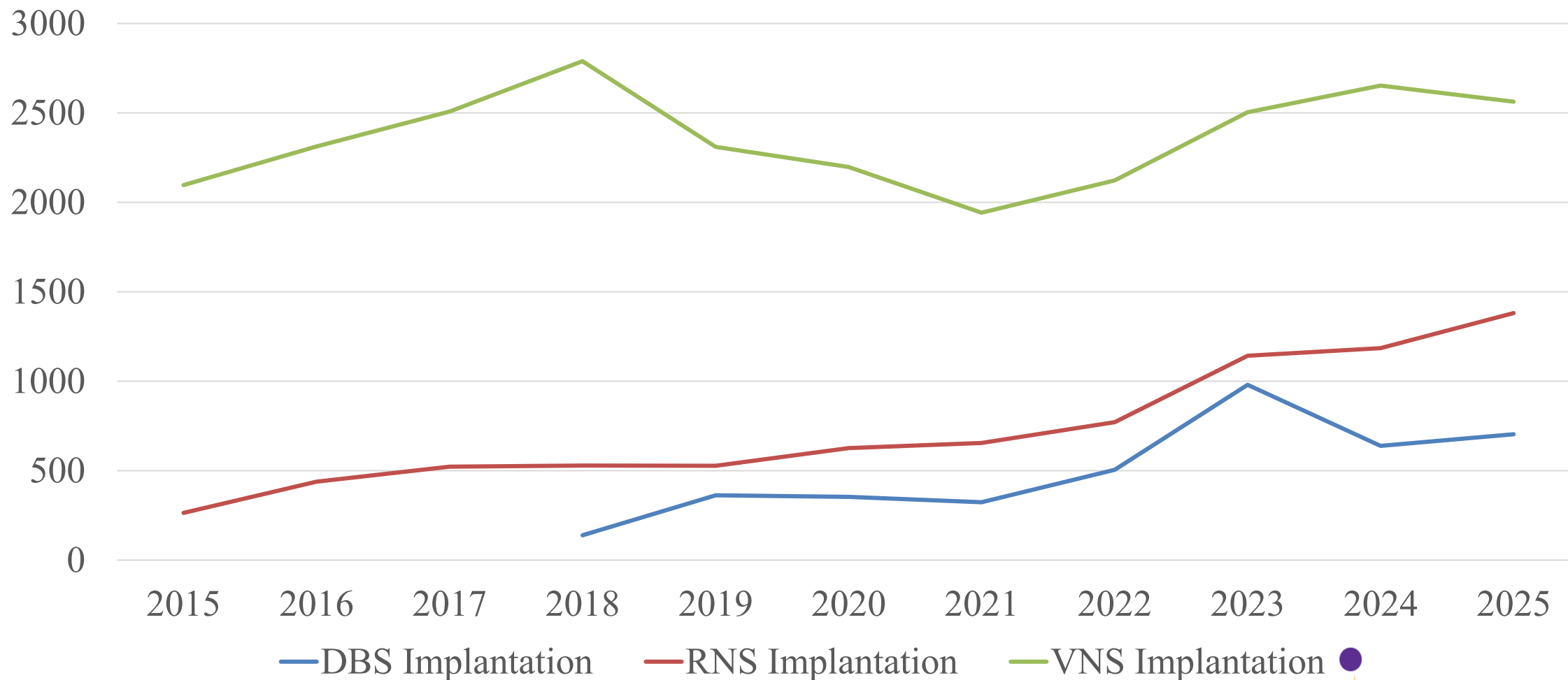
Distribution of Procedures – Totals Reported by NAEAC Centers for 2025

Procedure	Ped Pts	Adult Pts	All Pts
DBS Implantation	136	568	704
RNS Implantation	318	1063	1381
VNS Implantation	1260	1303	2563

Percentage of Change by Procedure

Procedure	2025 vs 2024	2025 vs 2023	2025 vs 2022	2025 vs 2021
DBS Implantation	10%	-28%	39%	118%
RNS Implantation	17%	21%	79%	111%
VNS Implantation	-3%	2%	21%	32%

Total Procedures – 2015-2025

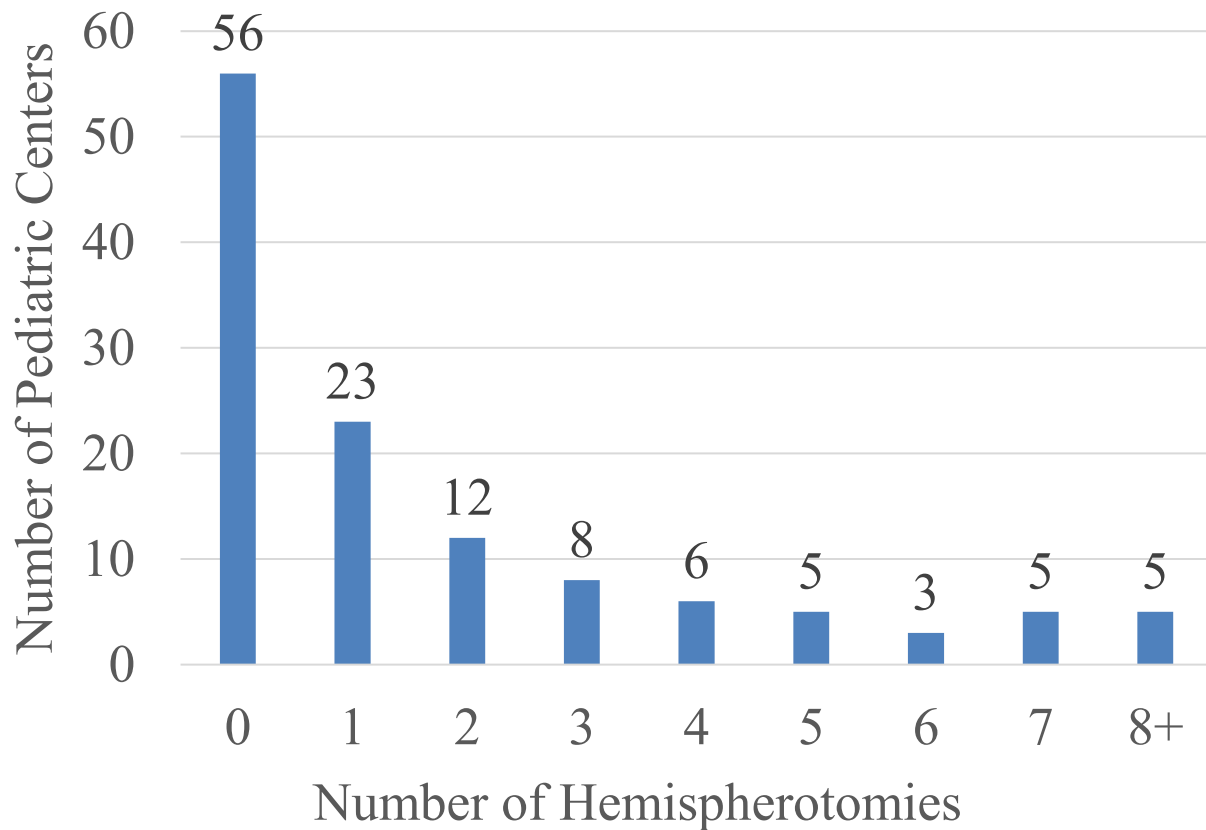


Distribution of Procedures – Totals Reported by NAEAC Centers for 2025

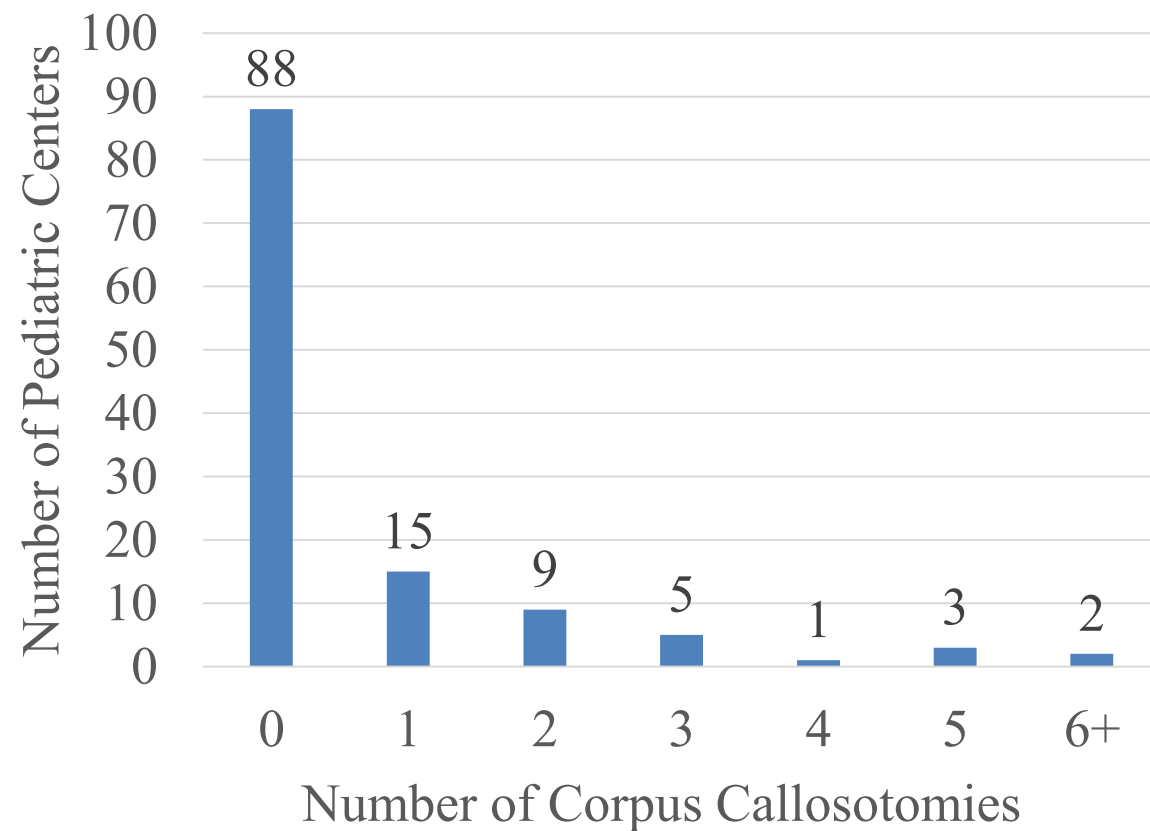
Procedure	Ped Pts	Adult Pts	All Pts
Corpus Callosotomy	79	36	115
Hemispherotomy	214	24	238

Hemispherotomies and Corpus Callosotomies at Pediatric Centers

Hemispherotomies - 2025



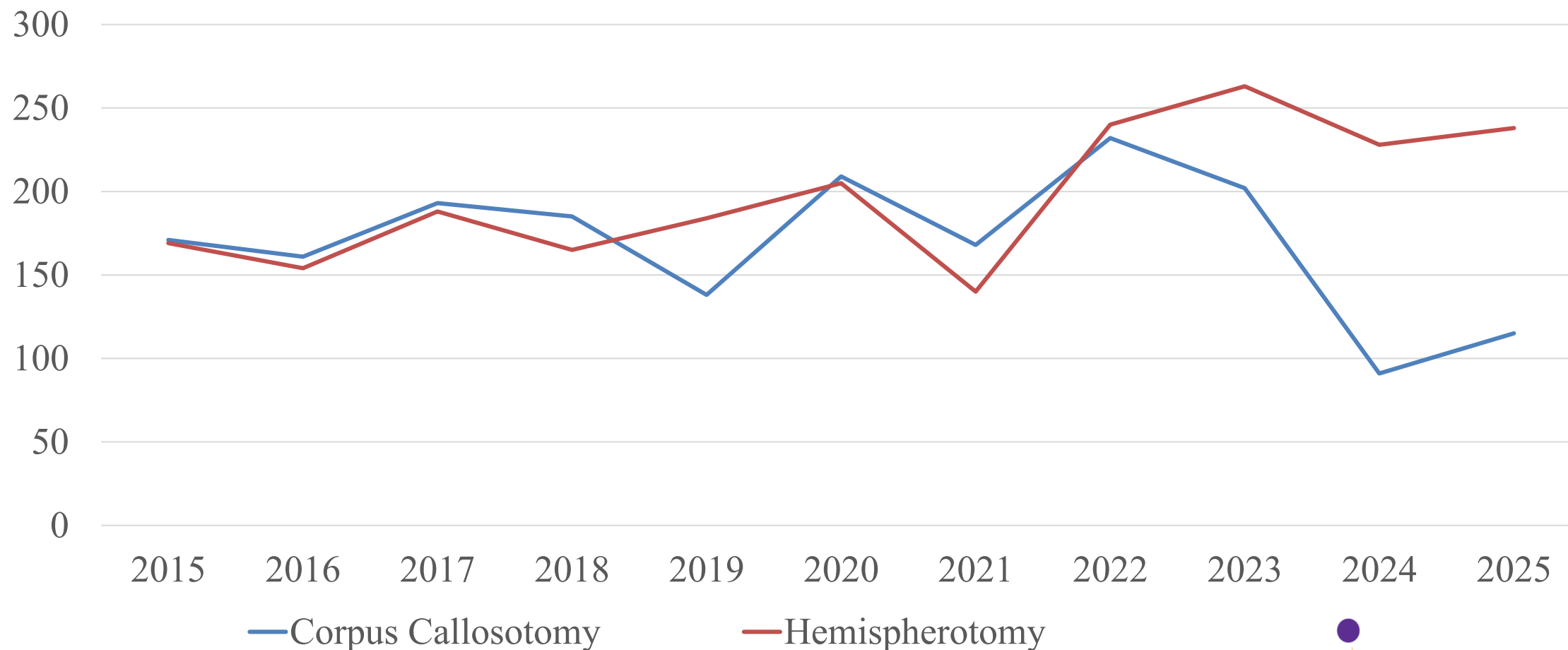
Corpus Callosotomies - 2025



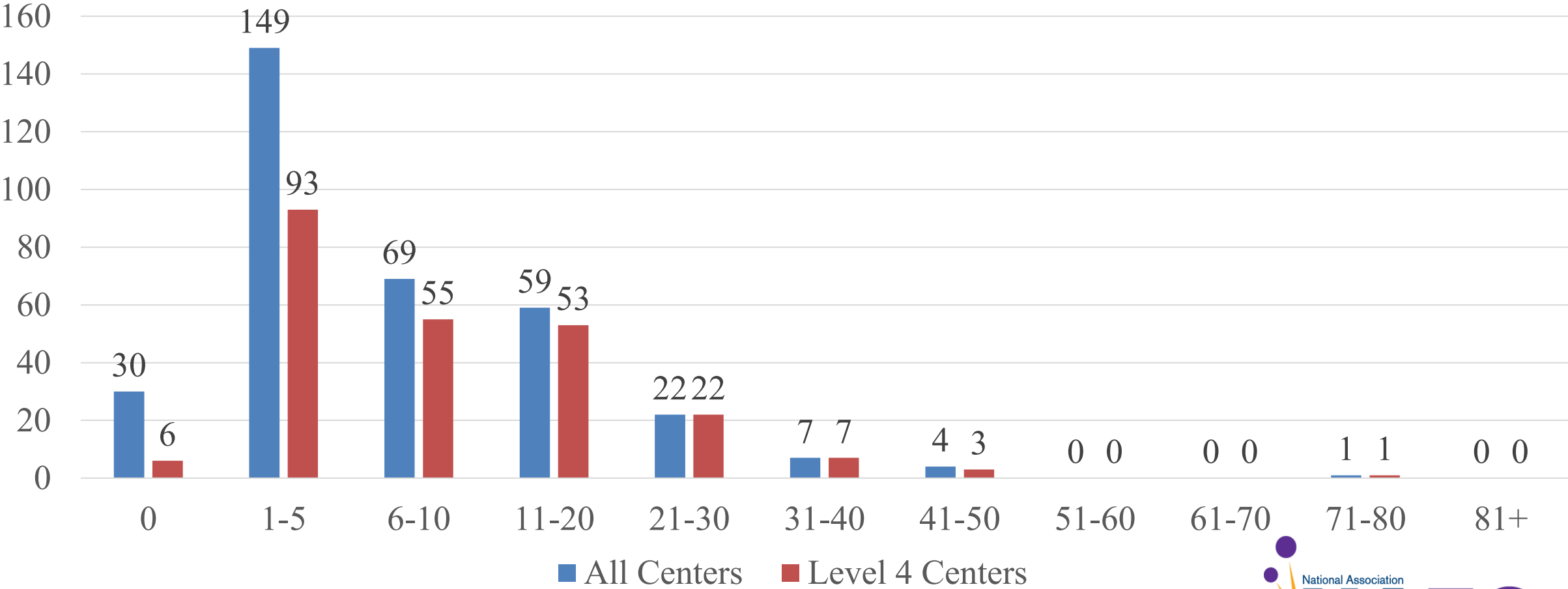
Percentage of Change by Procedure

Procedure	2025 vs 2024	2025 vs 2023	2025 vs 2022	2025 vs 2021
Corpus Callosotomy	26%	-43%	-50%	-32%
Hemispherotomy	4%	-10%	-1%	70%

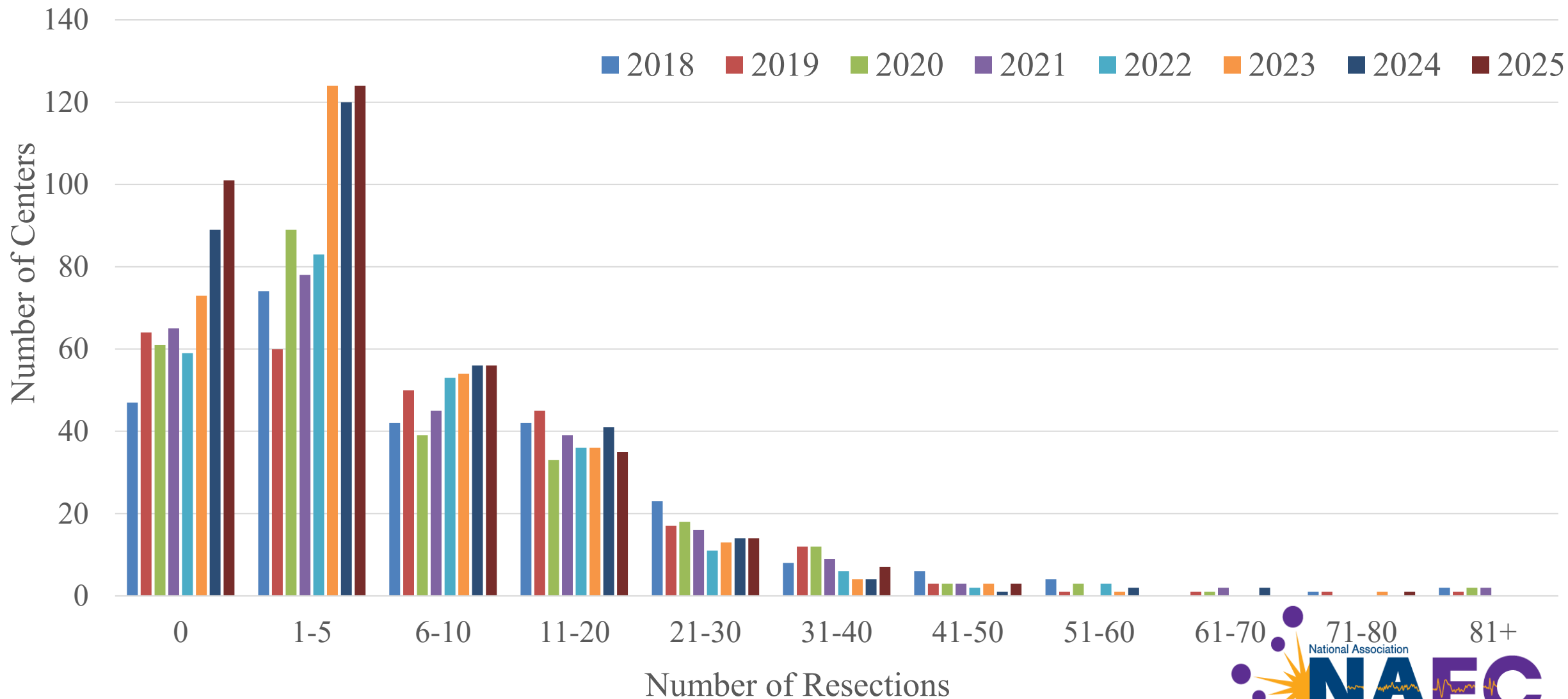
Total Procedures – 2015-2025



Total Resections and Ablations for All Centers 2025



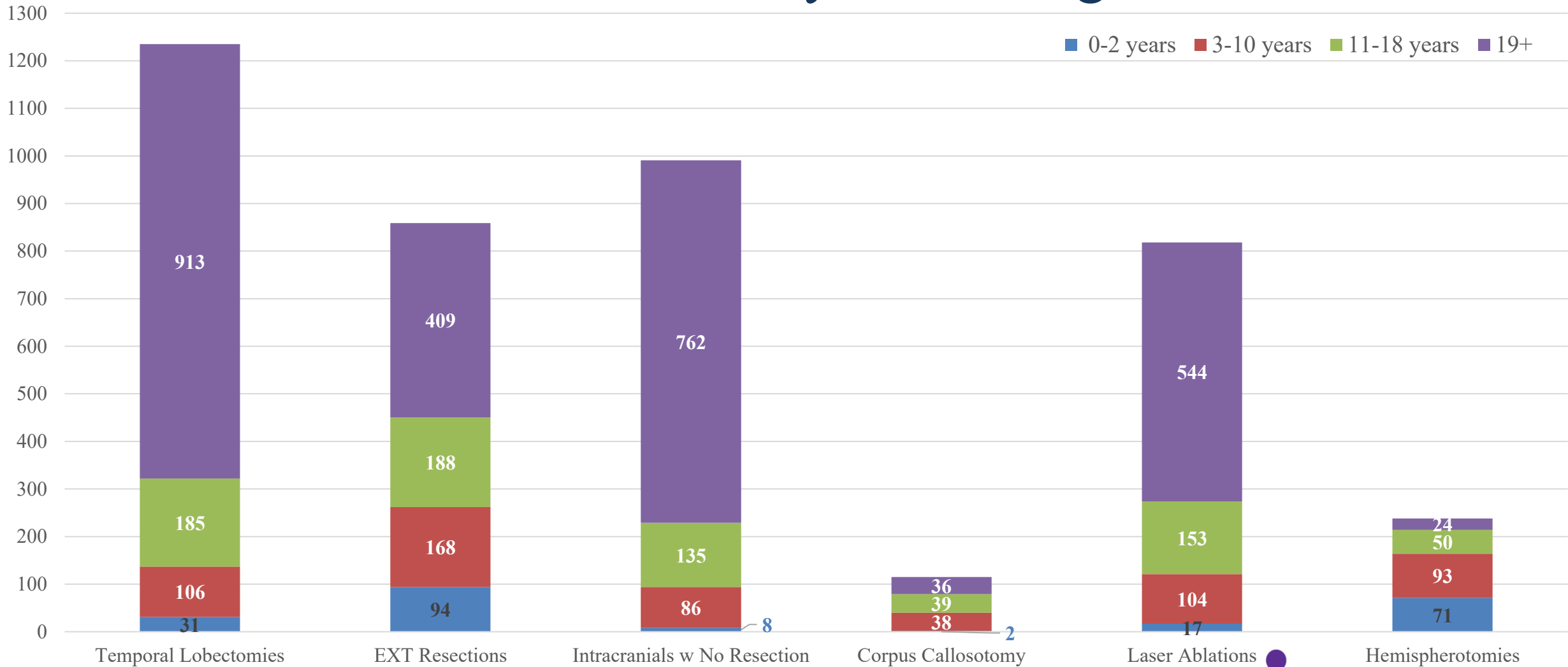
Total Resections for All Centers 2018-2025



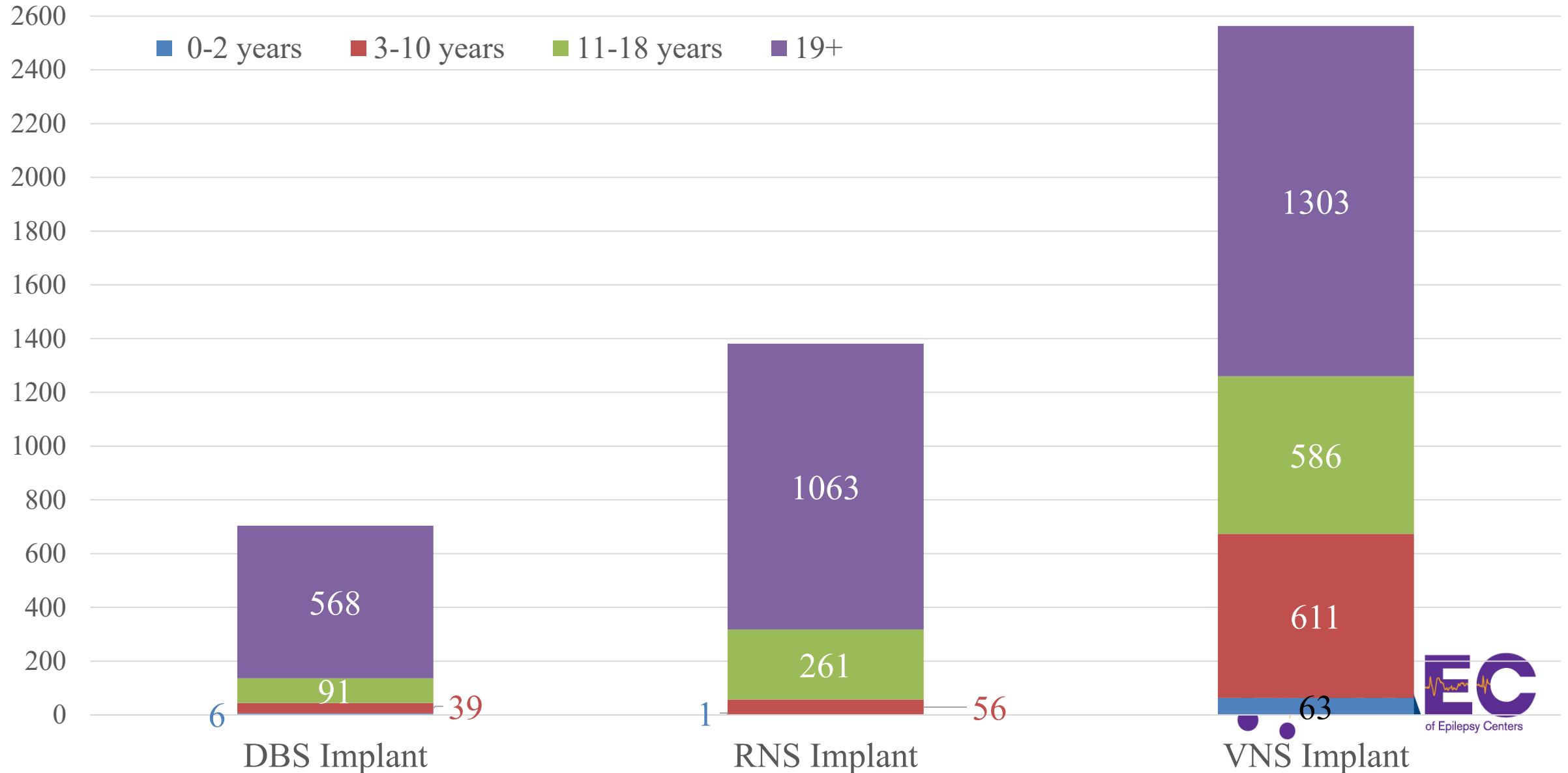
Adult vs. Pediatric Data



Distribution by Patient Age

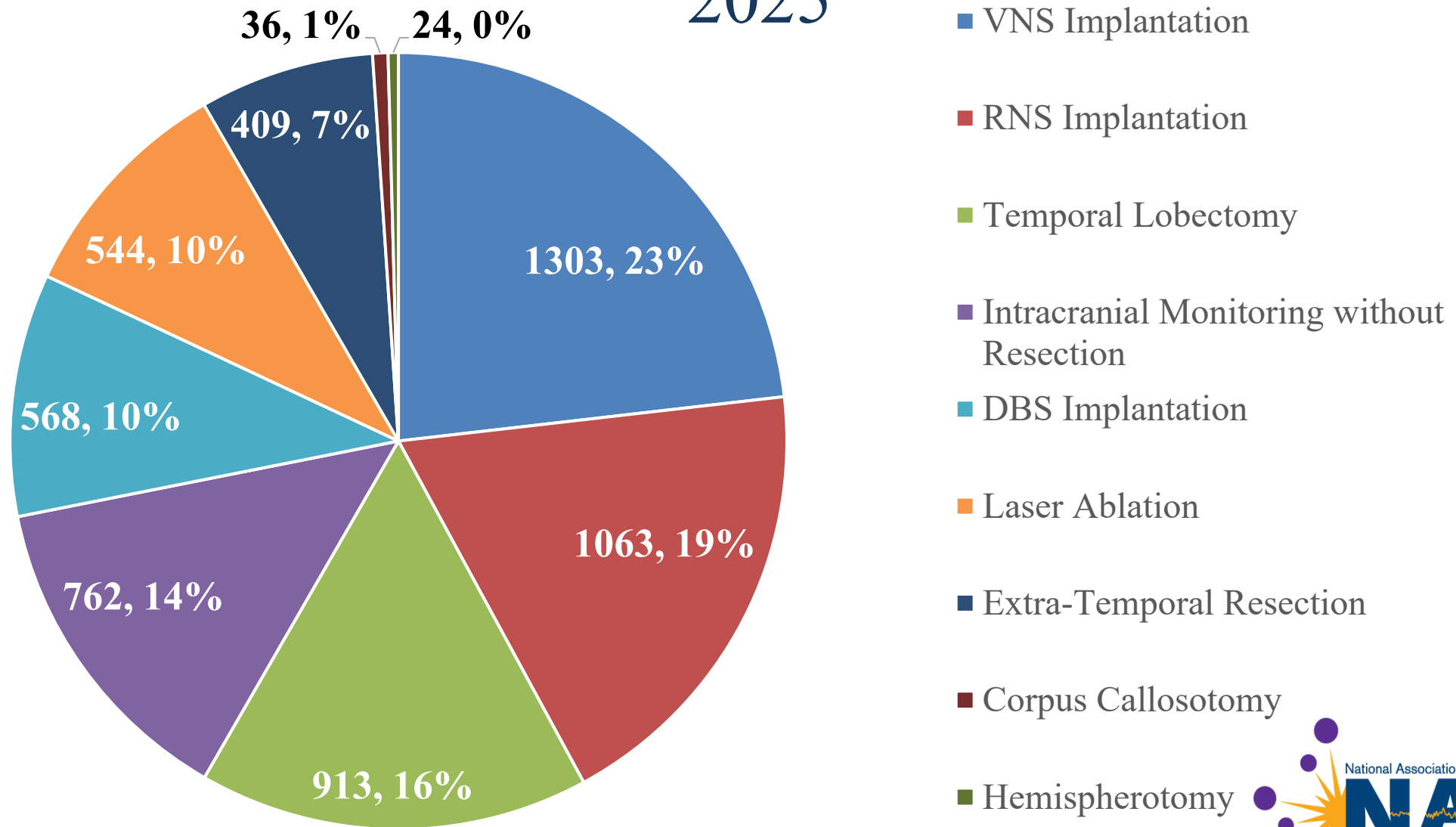


Distribution by Patient Age

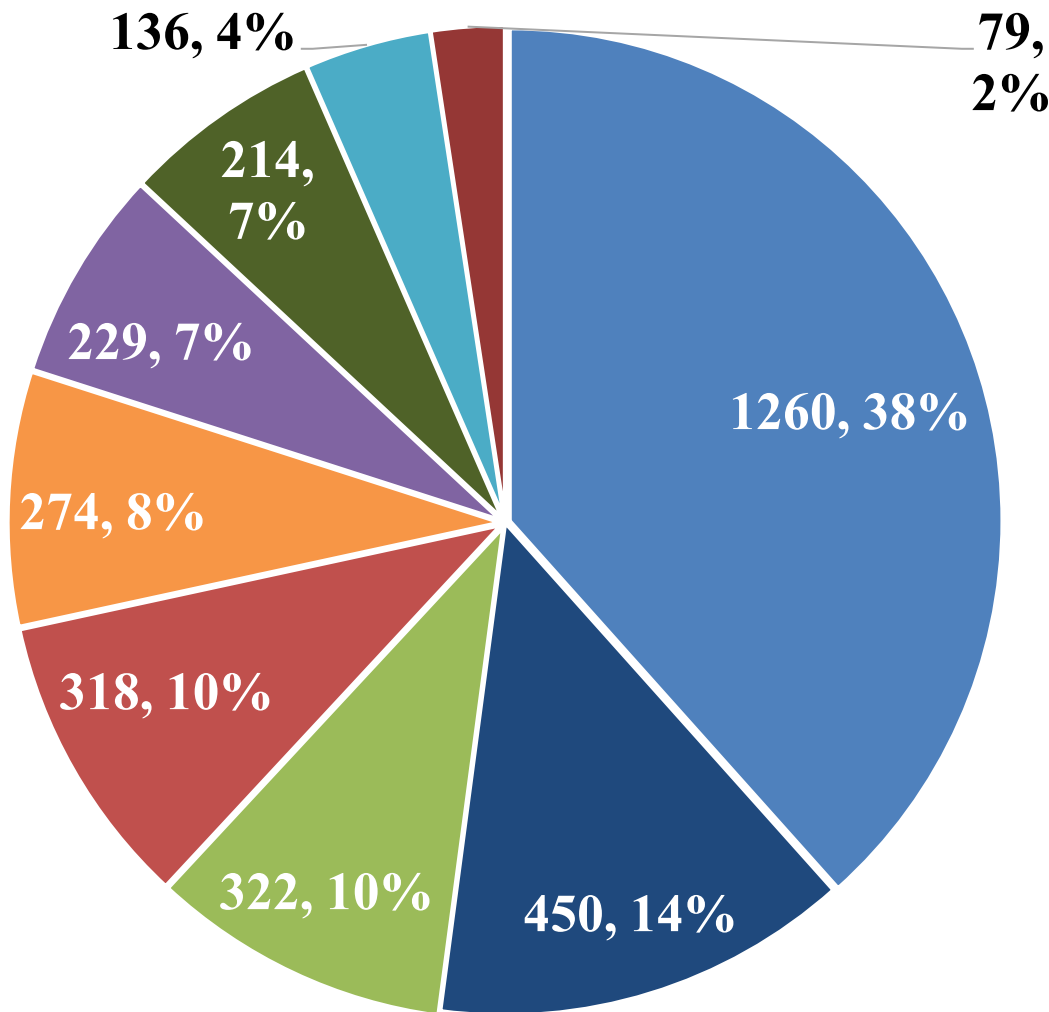


Distribution of Procedures for Adult Patients

2025

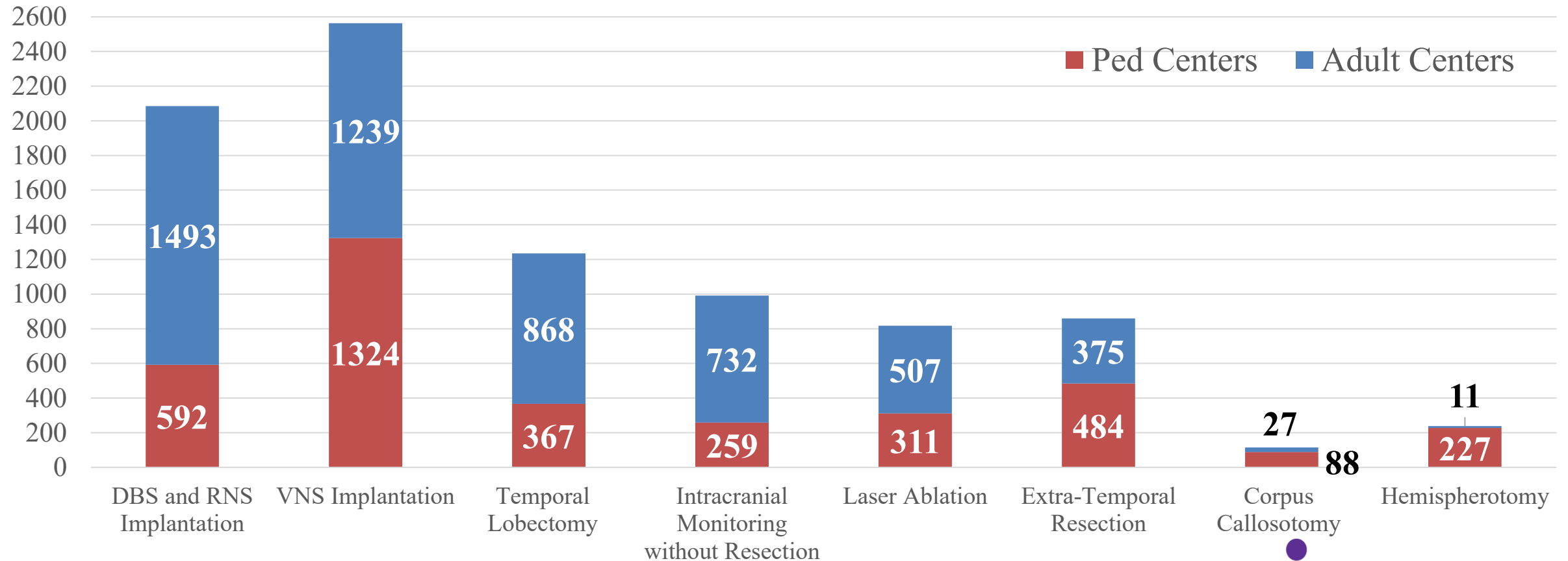


Distribution of Procedures for Pediatric Patients – 2025

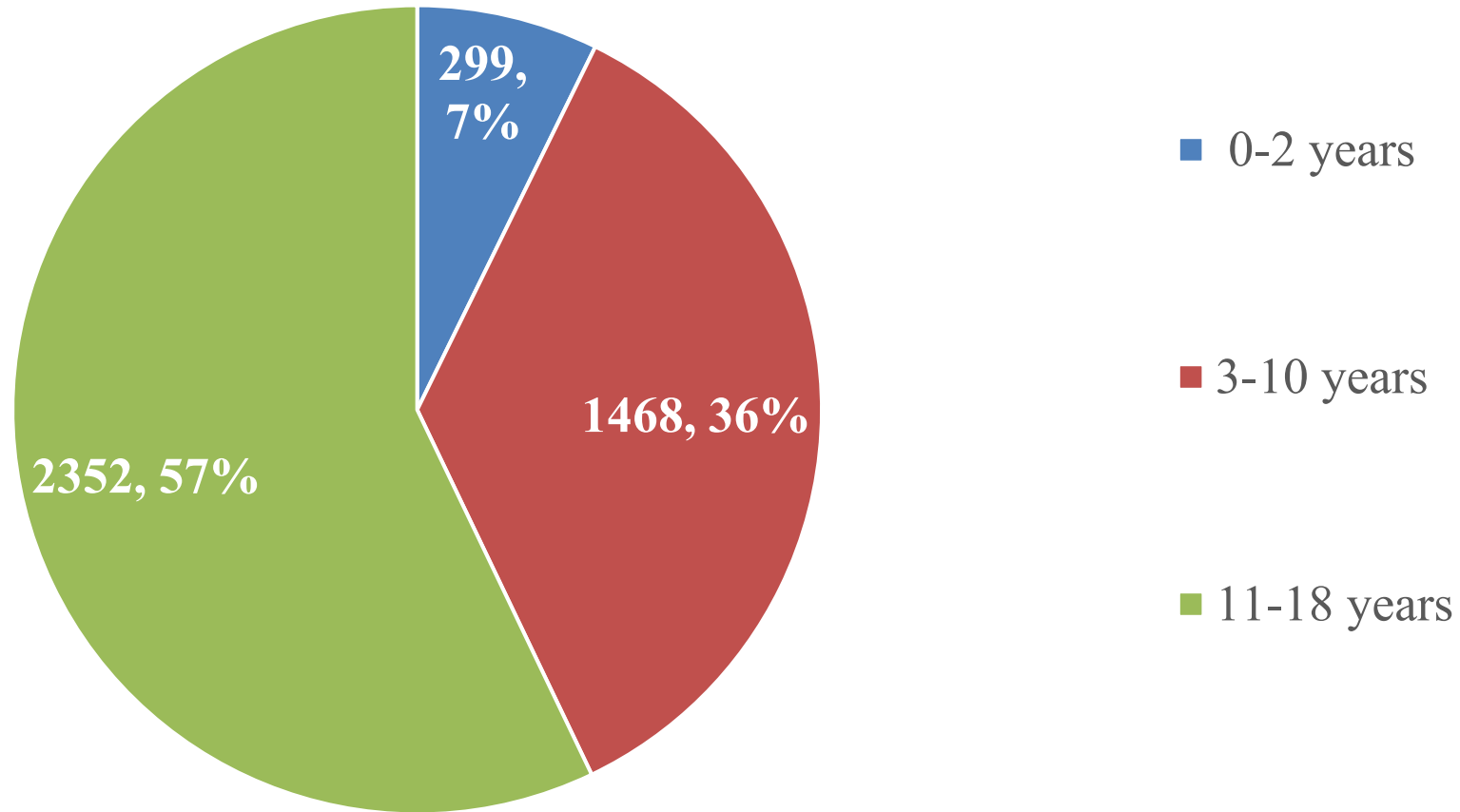


- VNS Implantation
- Extra-Temporal Resection
- Temporal Lobectomy
- RNS Implantation
- Laser Ablation
- Intracranial Monitoring without Resection
- Hemispherotomy
- DBS Implantation
- Corpus Callosotomy

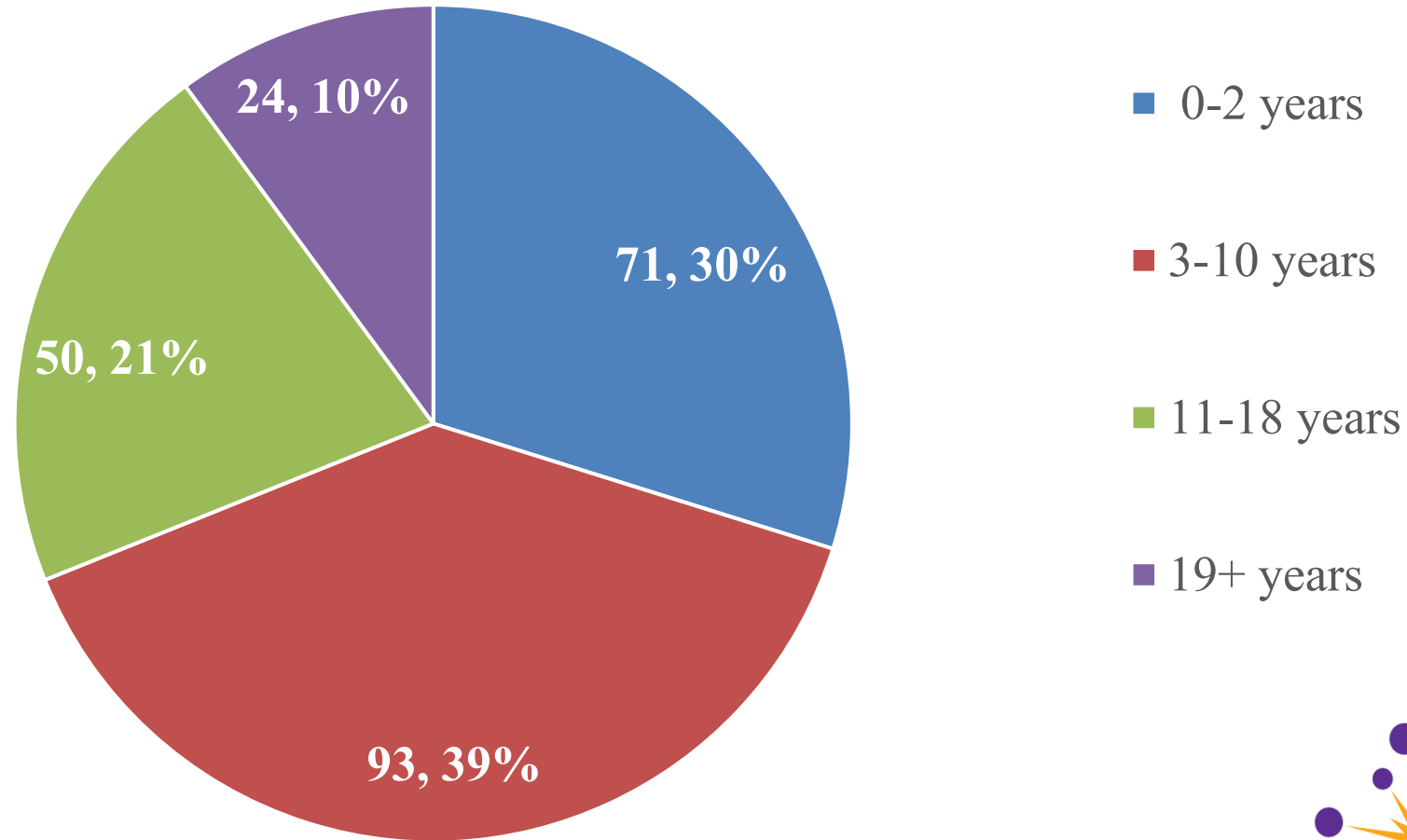
Distribution of procedures for adult centers and ped centers



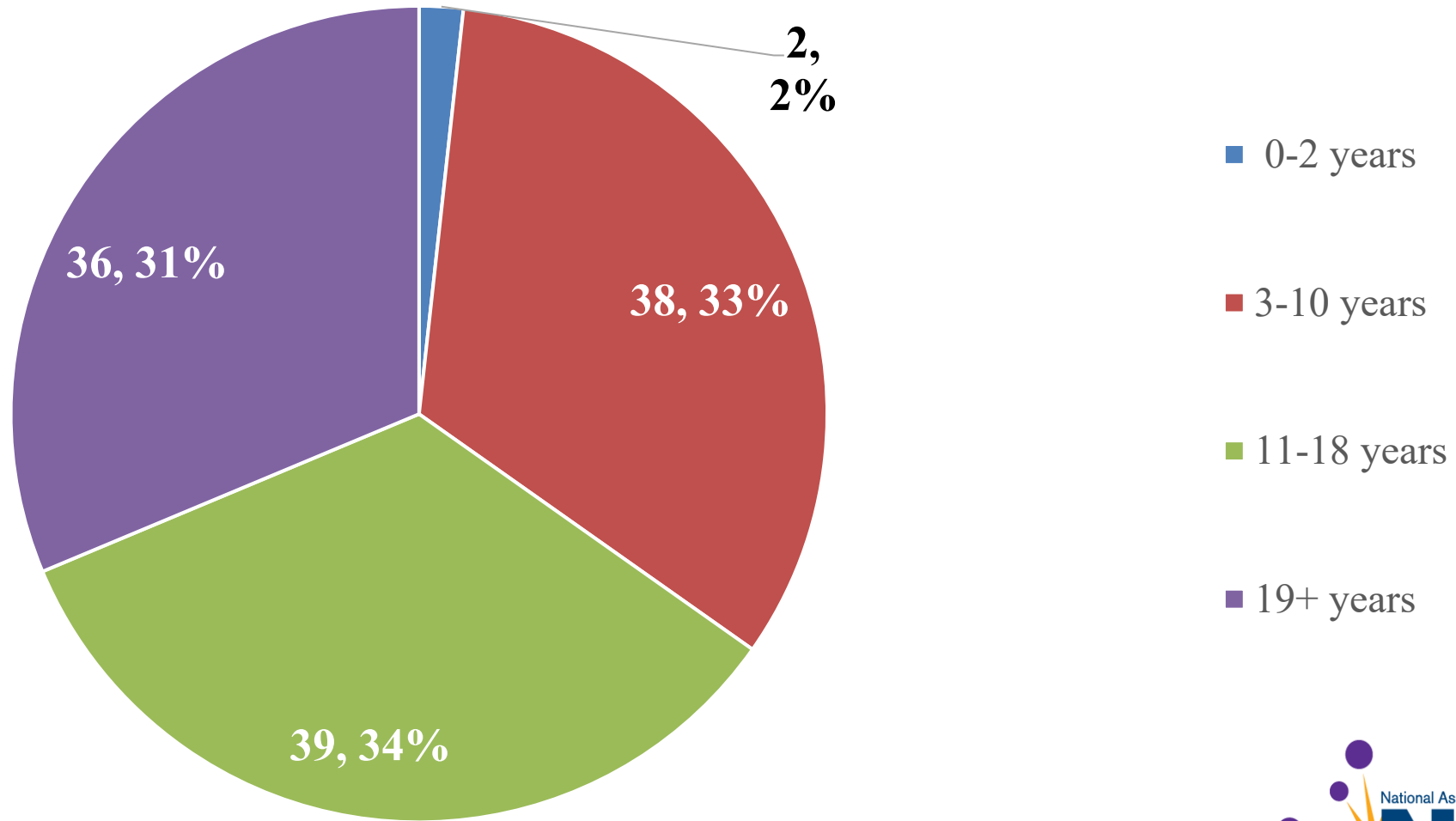
2025 Total Procedures for Pediatric Patients by Age of Patient



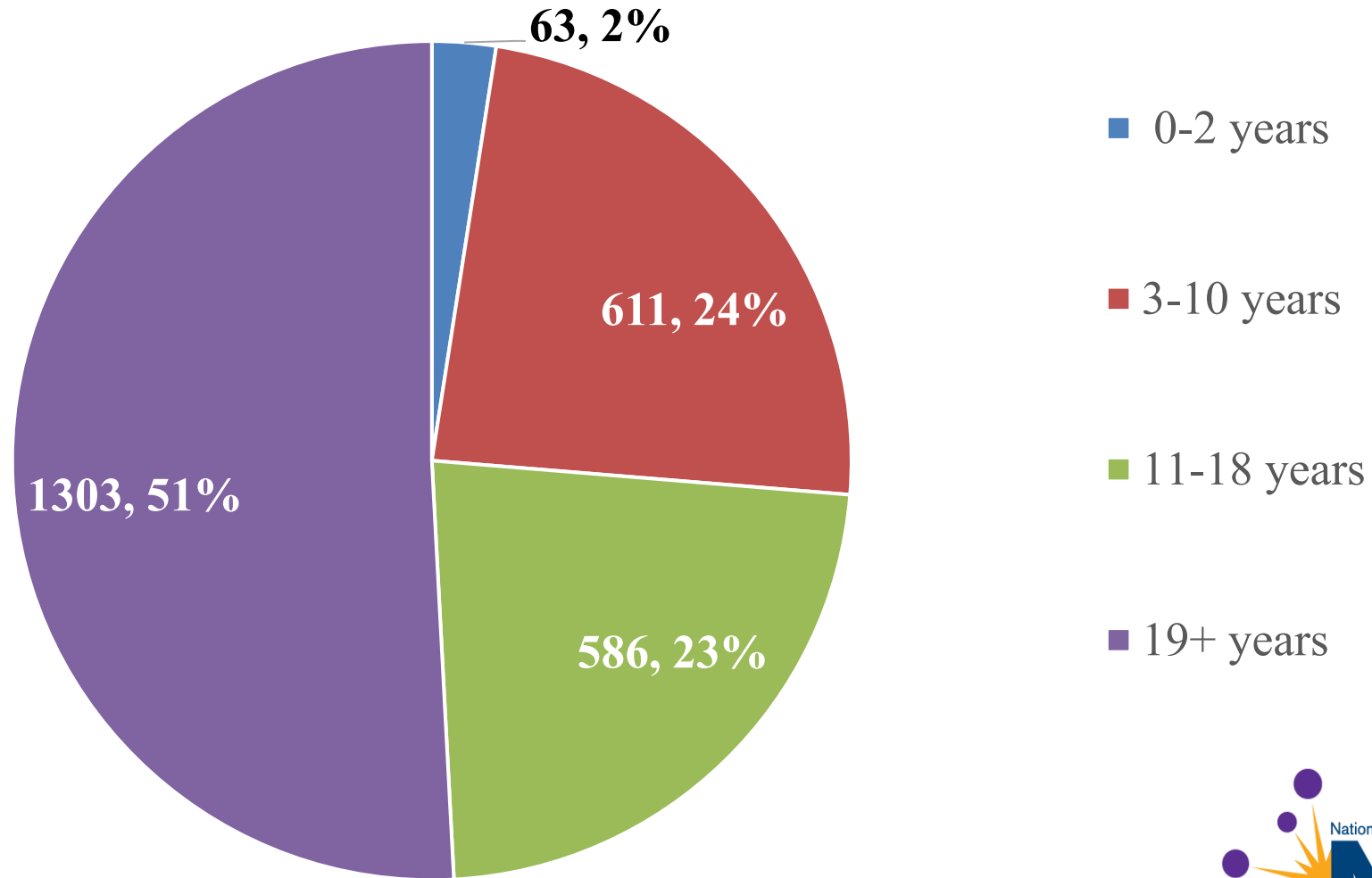
2025 Hemispherotomies by Age of Patient



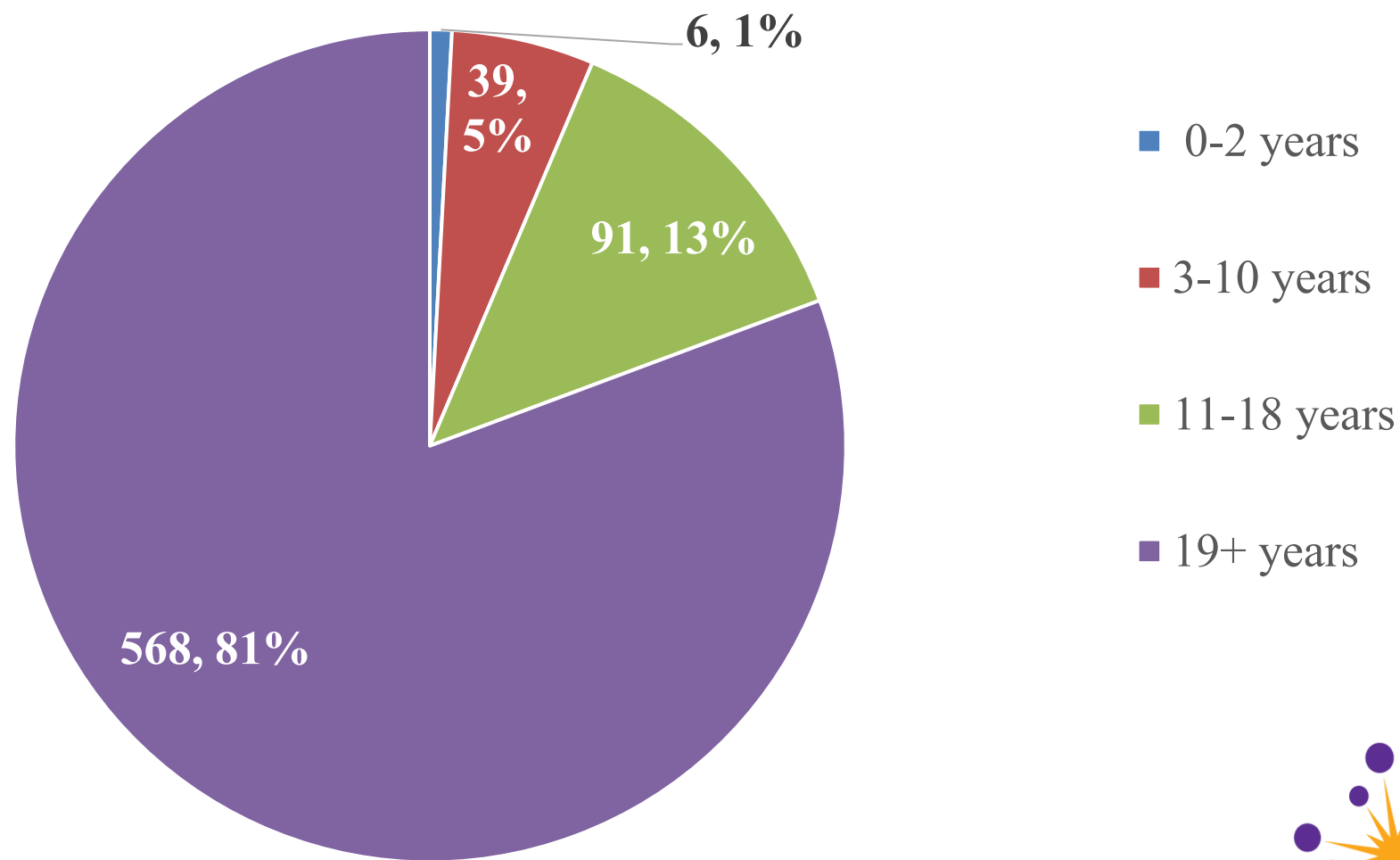
2025 Corpus Callosotomies by Age of Patient



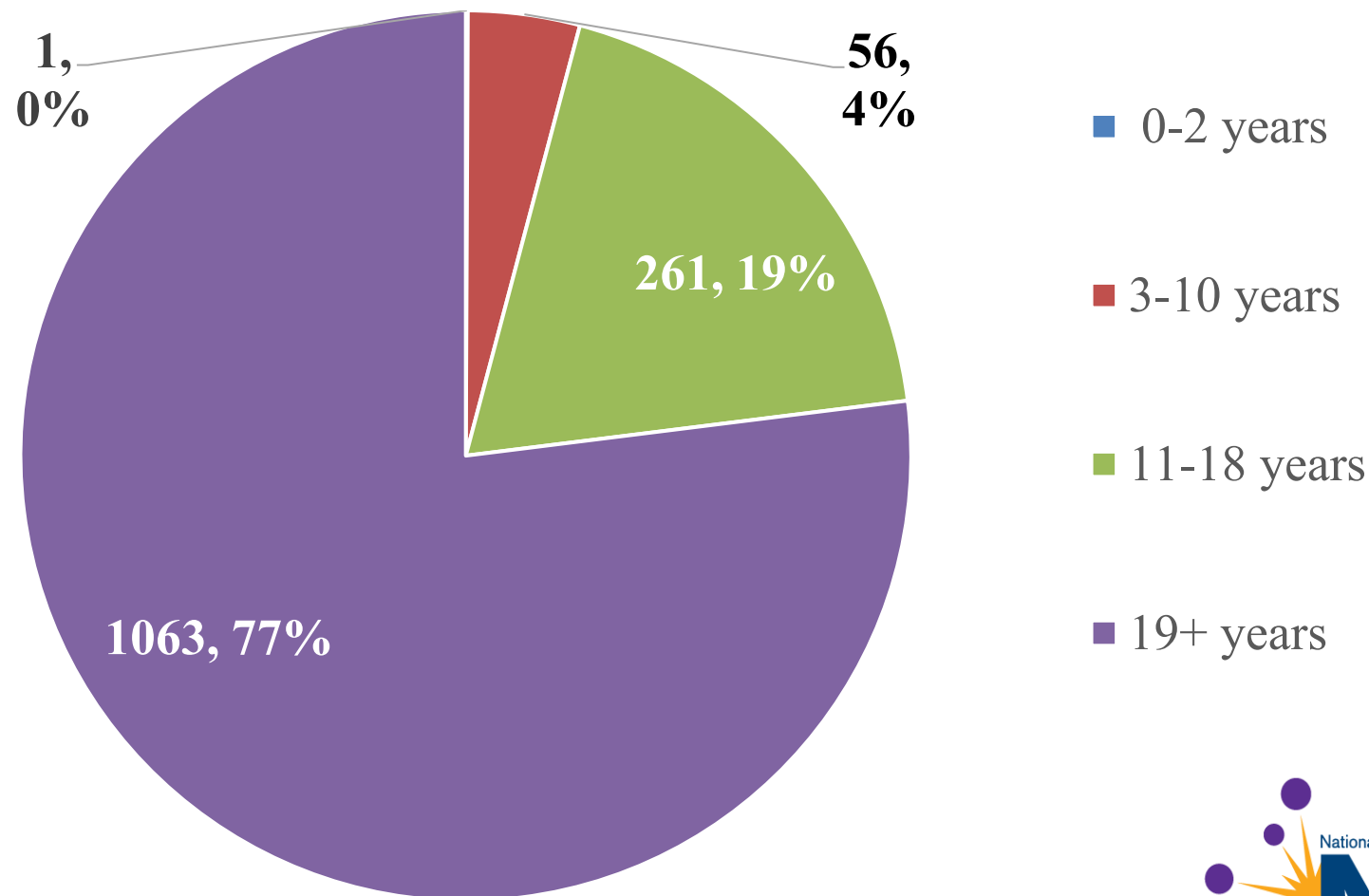
2025 VNS Implantations by Age of Patient



2025 DBS Implantations by Age of Patient



2025 RNS Implantations by Age of Patient



Future Directions



Surgical Data Collection Program

- Accuracy and validation
- Outcome
 - Overall
 - Self comparison
- Patient specific
 - e.g. Invasive monitoring with/without resection - what happens to patients without resection?
 - Role of multiple procedures
- Impact of Etiology and other factors on procedural choice and outcome
- Information on rare procedures
 - What do we know about extratemporal laser ablations?
 - Callosotomies



Questions and Discussion

