

# 6th Annual F&A Town Hall



**Erin Rothwell**  
Vice President for Research  
Oct. 30, 2024



# AGENDA

**Updates and Brief National Funding Overview**

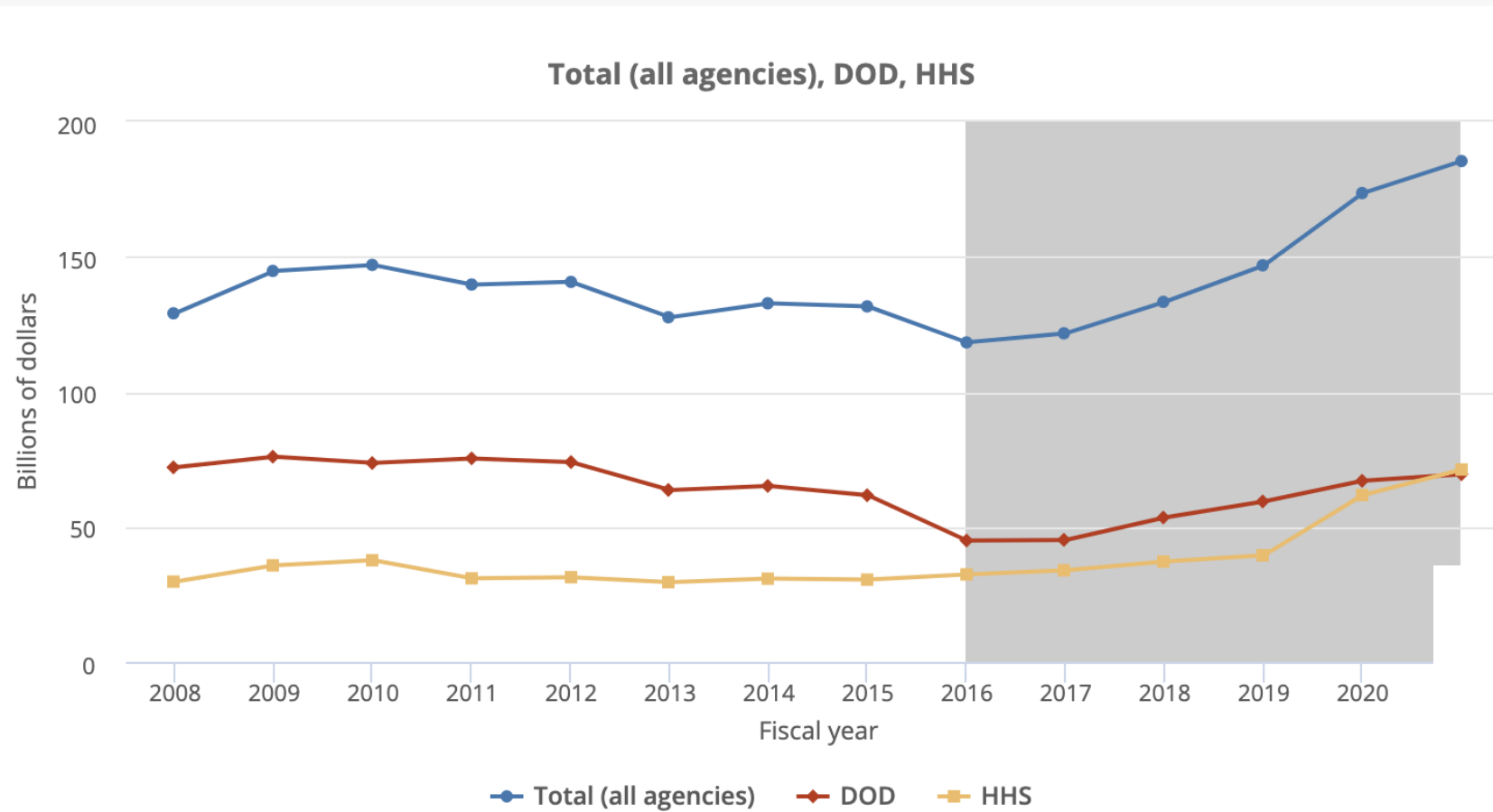
University of Utah Research Report

FY24 Distribution Model

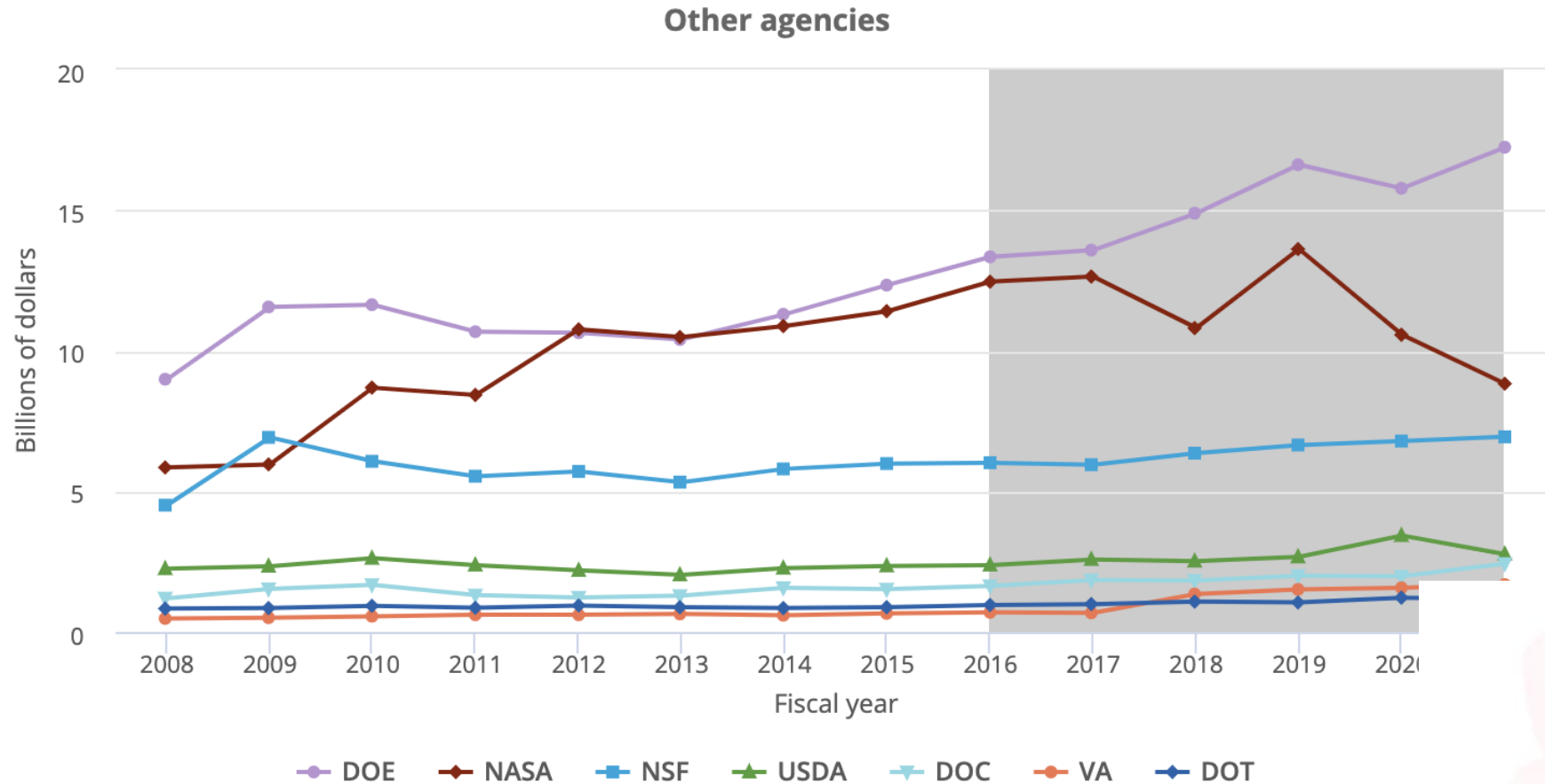
Open Session Q&A

# Federal Landscape

Federal obligations for R&D and R&D plant, total and for selected agencies: FYs 2008–21



# Federal Landscape



<https://nces.nsf.gov/pubs/nsb20225/recent-trends-in-federal-support-for-u-s-r-d>





# National Funding Climate



## **The Biden Administration's NIH Budget Request for FY 2025**

- First-ever White House Initiative on Women's Health Research
- Cancer Moonshot
- Treatment/prevention of Infectious Diseases (Hepatitis C, HIV, Vaccines)
- ARPA-H
- Type 1 diabetes



## **The Biden Administration's NSF Budget Request for FY 2025**

- Advancing Emerging Industries for National and Economic Security
- Create Opportunities Everywhere
- Build a Resilient Planet
- Strengthen Research Infrastructure

# National Funding Climate



## The Biden Administration's DOD Budget Request for FY2025

- DARPA
- Microelectronics
- Cybersecurity
- Space technology
- Responsible Artificial Intelligence
- Critical Minerals
- Laboratory infrastructure



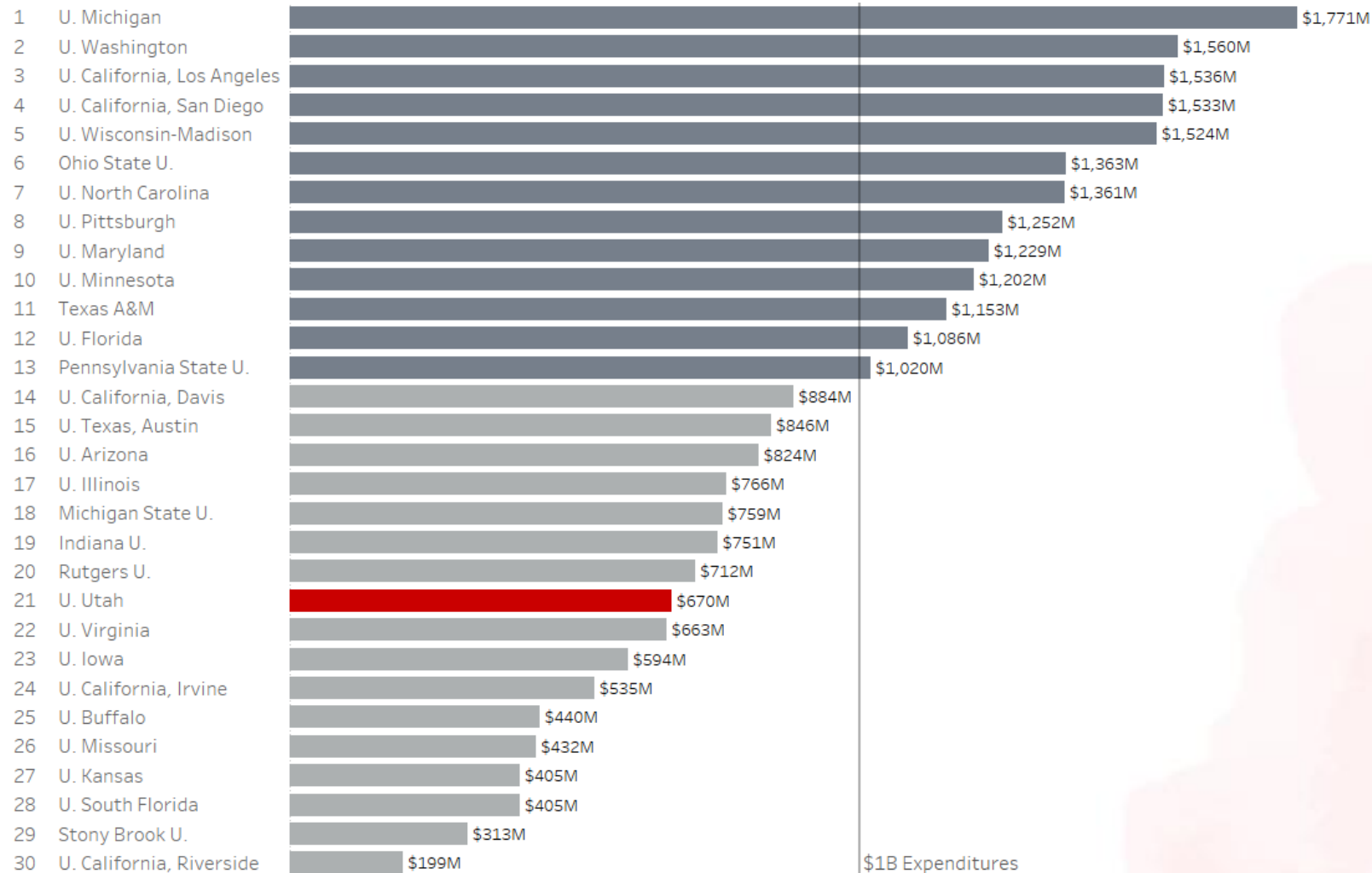
## The Biden Administration's DOE Budget Request for FY2025

- Clean energy workforce
- Innovation energy products (offshore wind, industrial heat, grid infrastructure)
- Laboratory infrastructure
- Artificial intelligence, advance computing
- Fusion power
- Nuclear security

## R&D Expenditures Ranking

# Public AAU Institutions with a Medical School

Data provided by the Higher Education Research and Development (HERD) Survey 2022

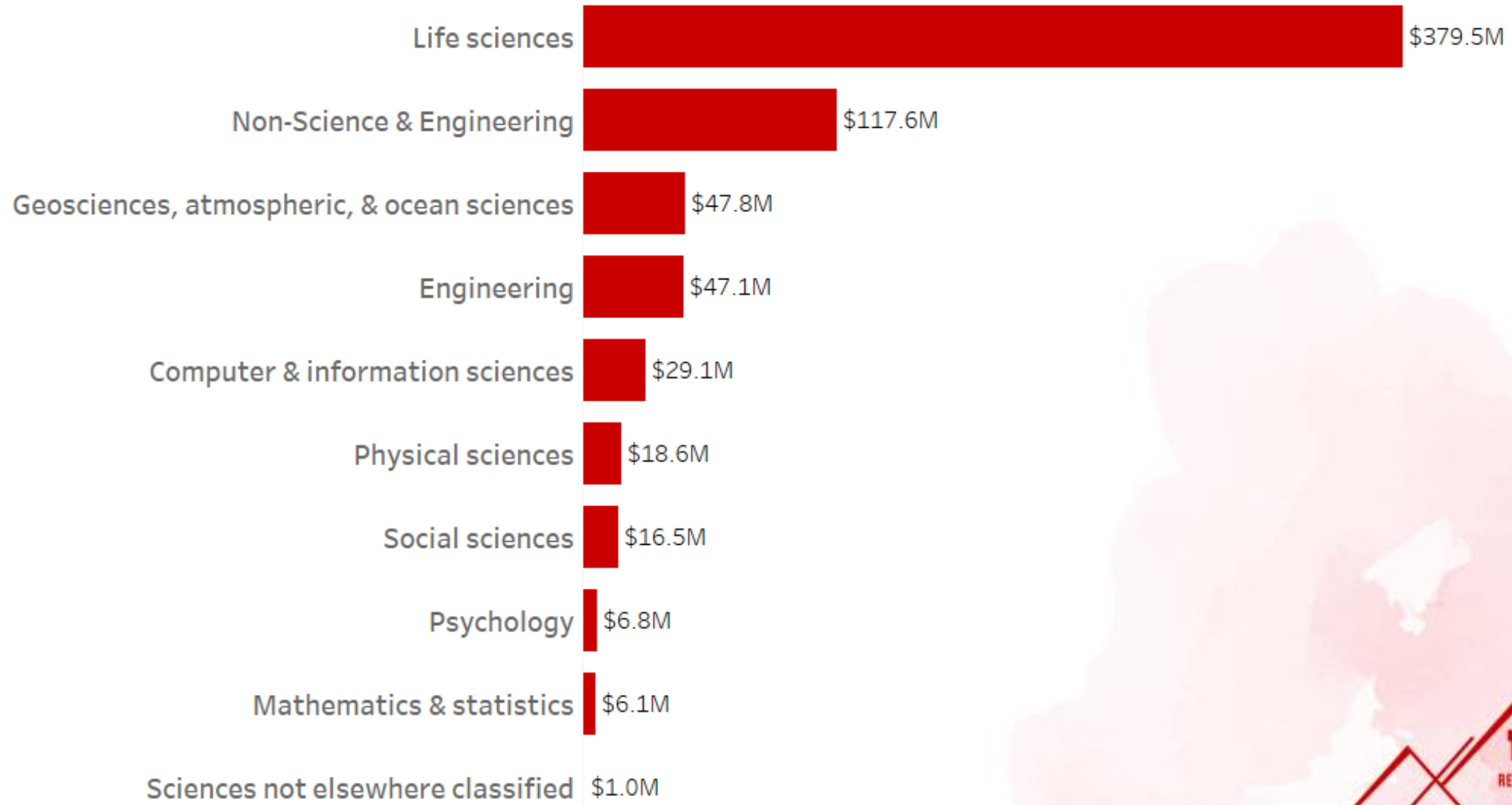


\$1B Expenditures



# R&D Portfolio: University of Utah

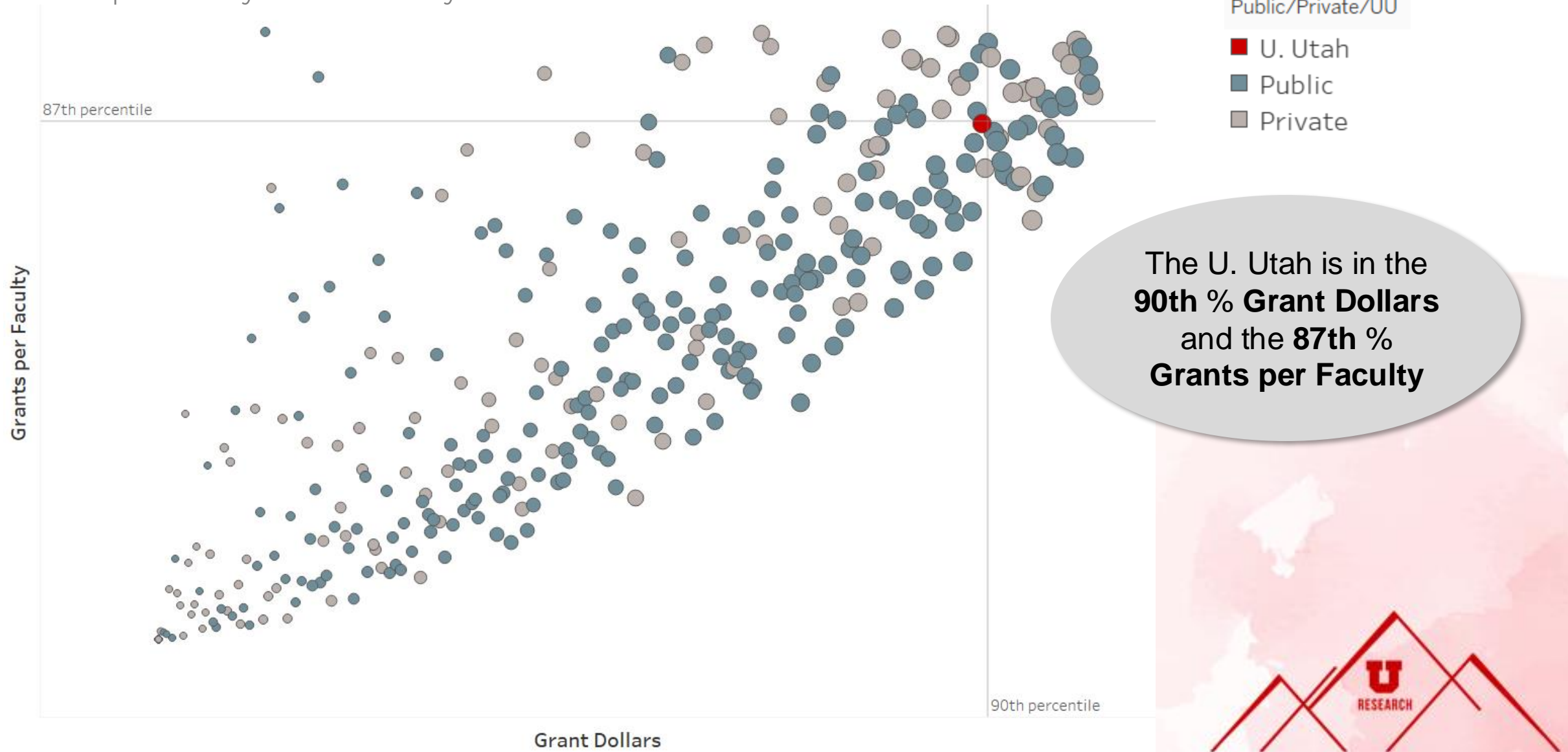
Data provided by the Higher Education Research and Development (HERD) Survey 2022





# Grant Dollars by Grants per Faculty

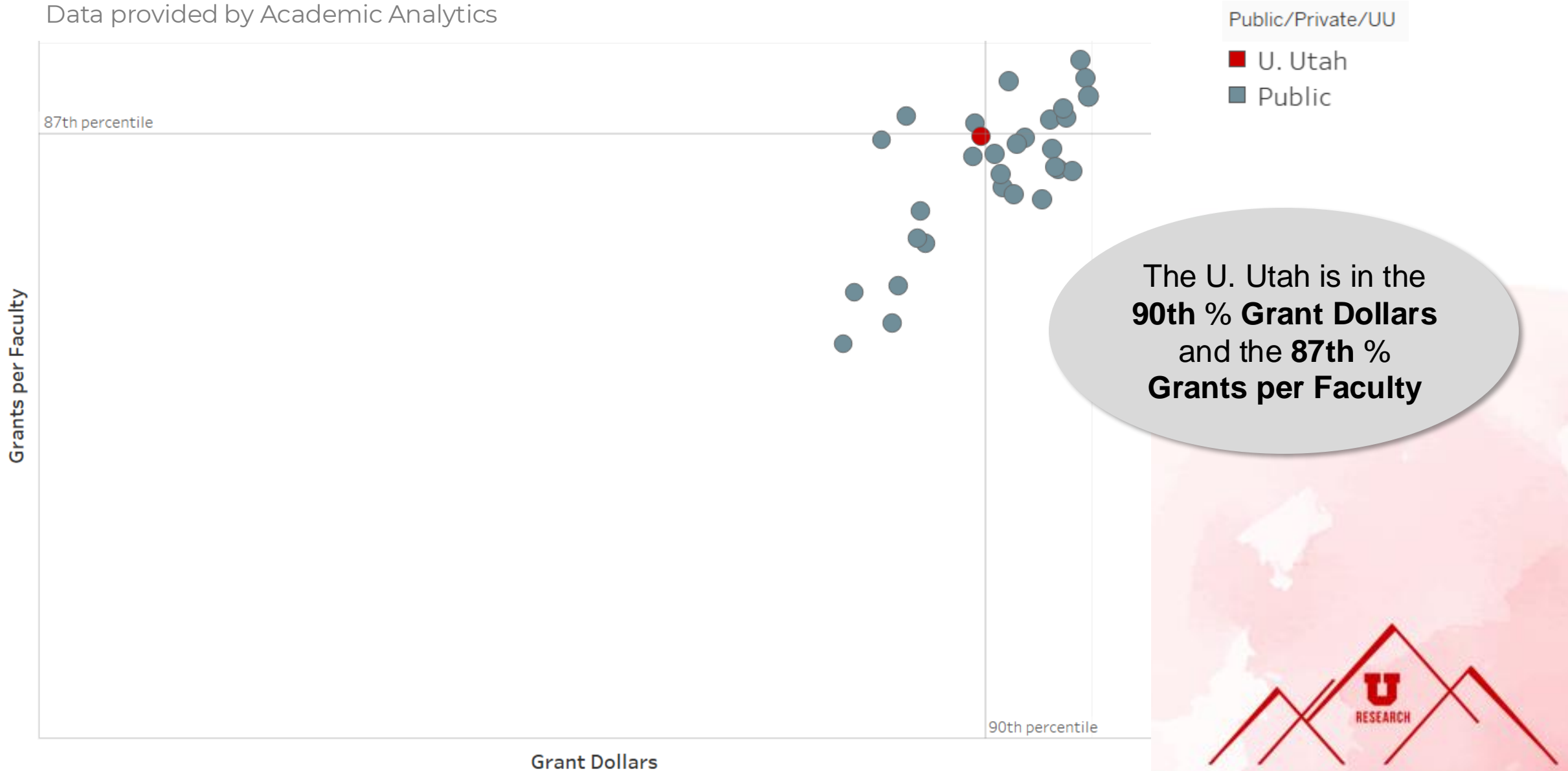
Data provided by Academic Analytics



# Grant Dollars by Grants per Faculty

## Public AAU Institutions with a Medical School

Data provided by Academic Analytics



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# U Research drives economic growth



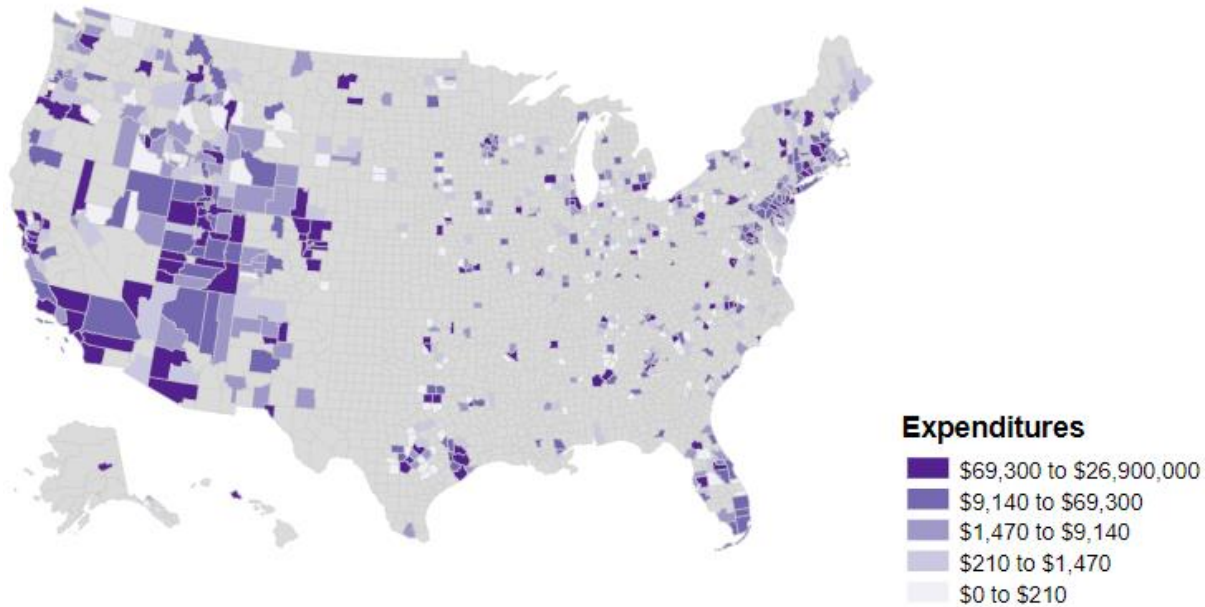
In salaries and wages specifically associated with research in FY 2023



# U Research drives economic growth 2023

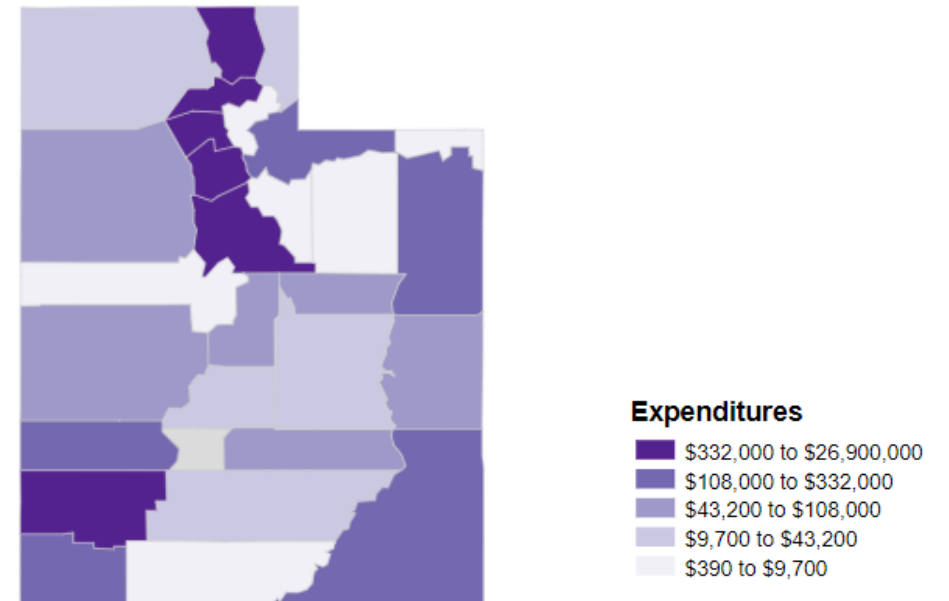
## \$155M in 733 U.S. Counties

Total Vendor and Subaward Expenditures on Federal and Non-Federal Research Awards to the University of Utah by County in FY 2023



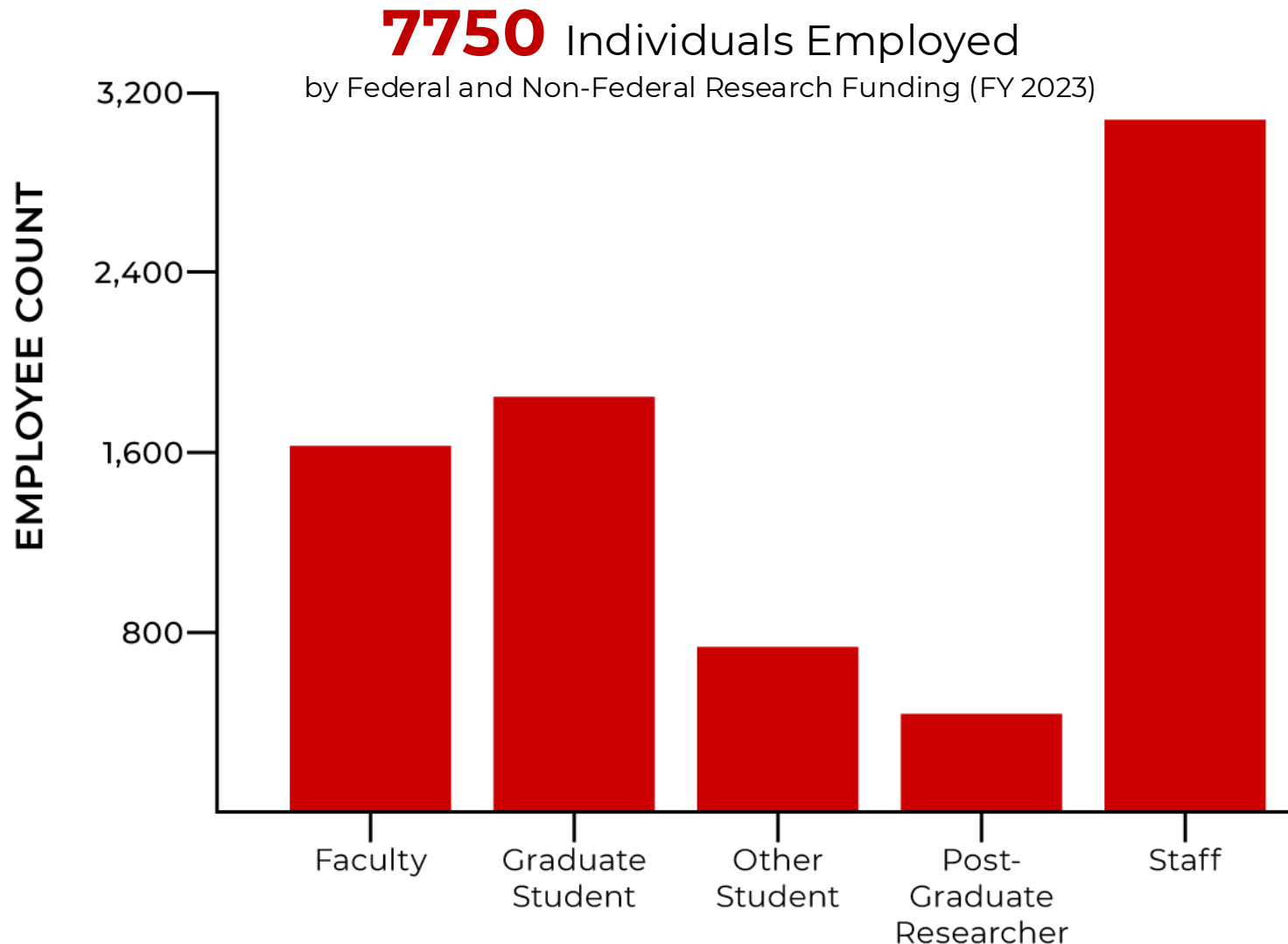
## \$33M in the State of Utah

Total Vendor and Subaward Expenditures on Federal and Non-Federal Research Awards to the University of Utah by Utah Counties FY 2023

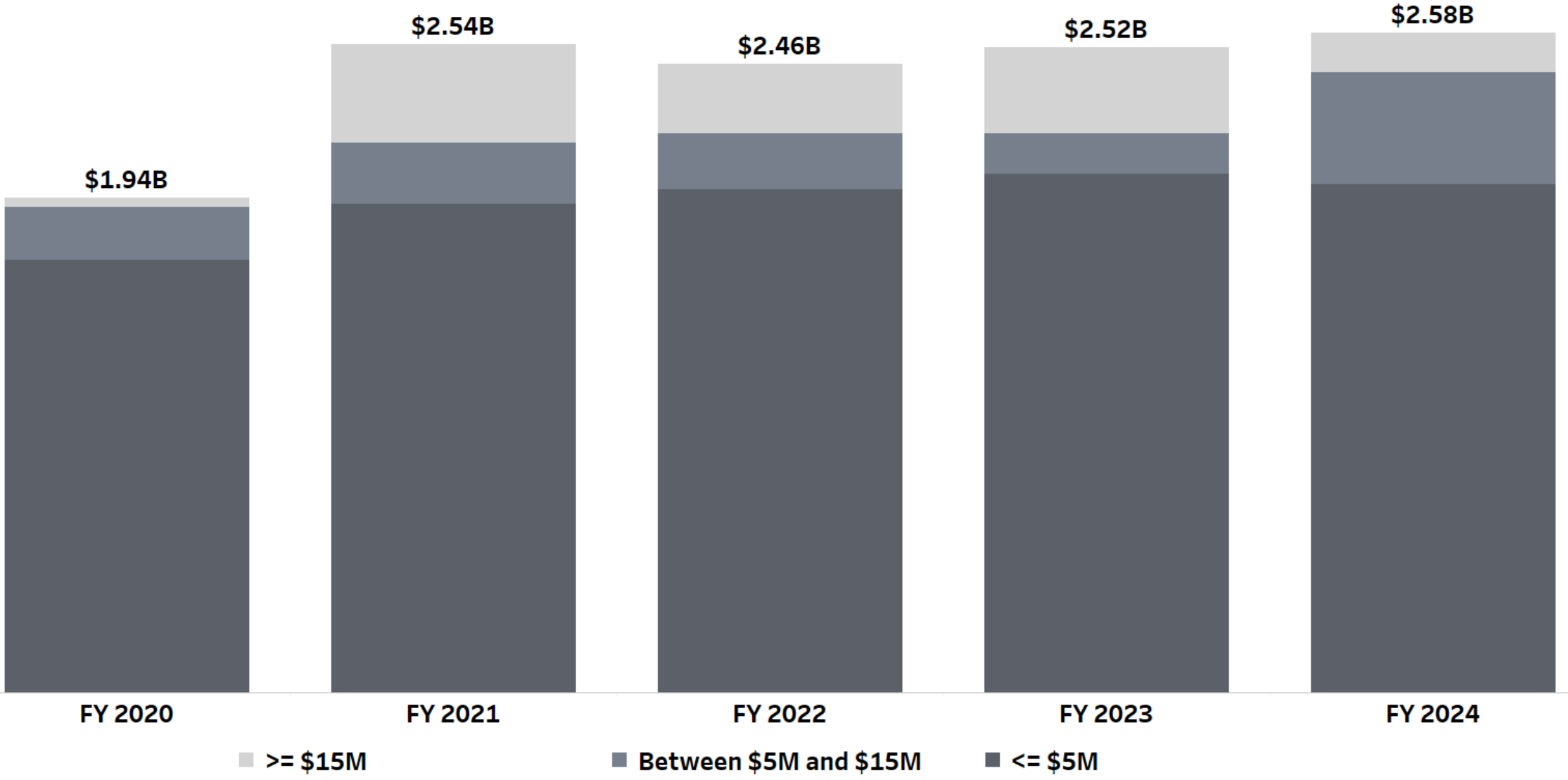




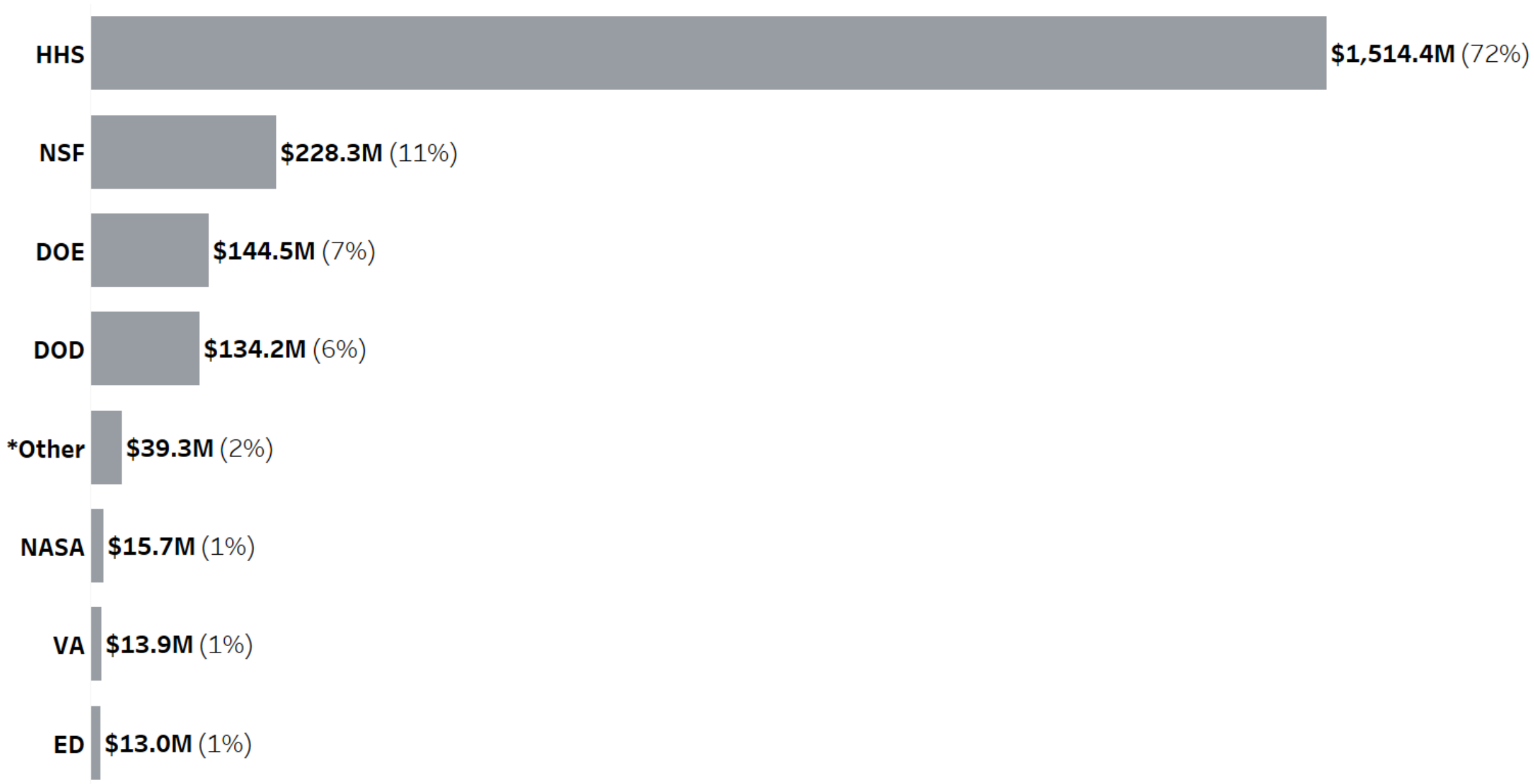
# Employees paid on research dollars 2023



# PROPOSED FUNDS

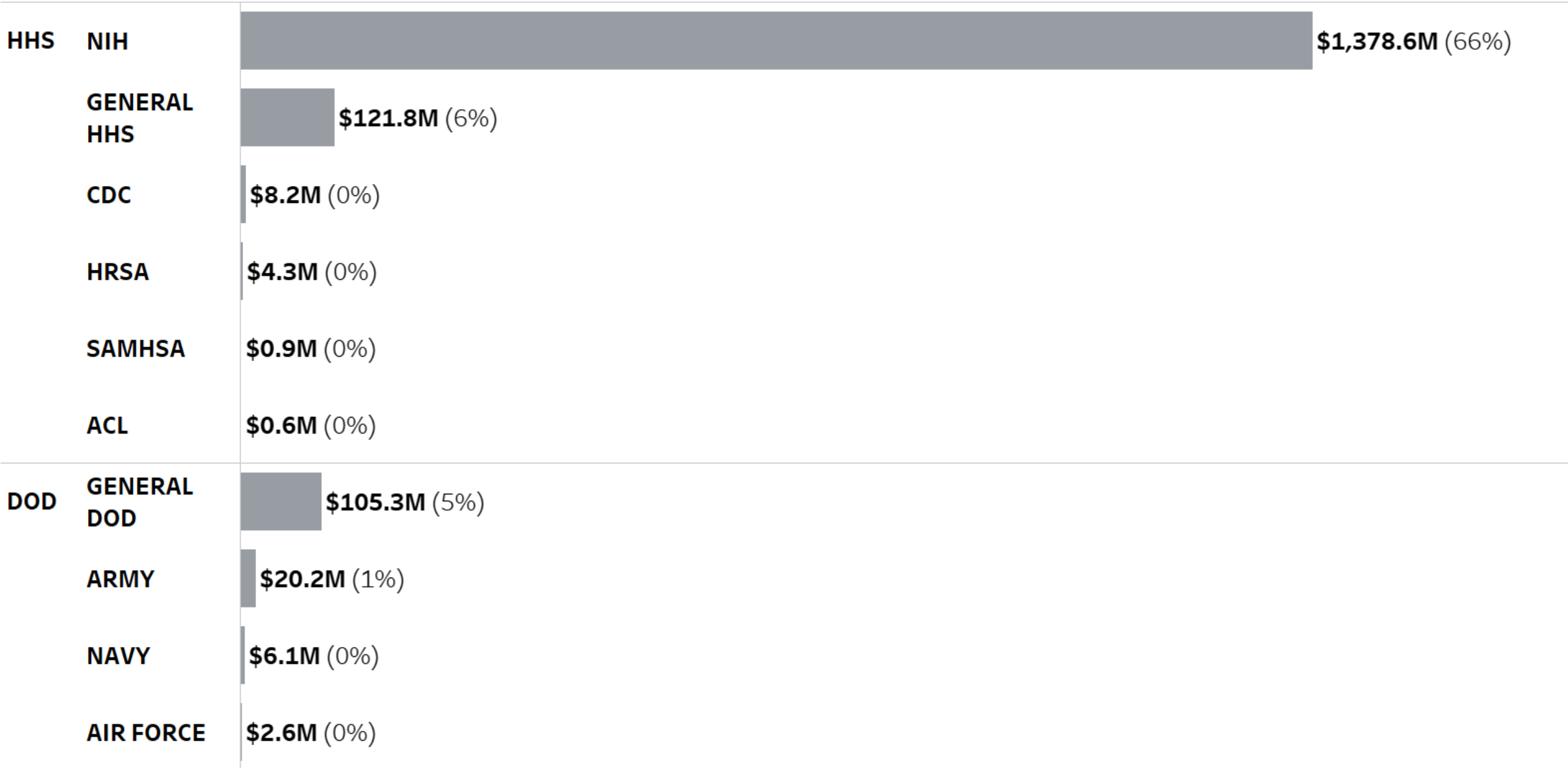


# FUNDS REQUESTED FROM FEDERAL SPONSORS



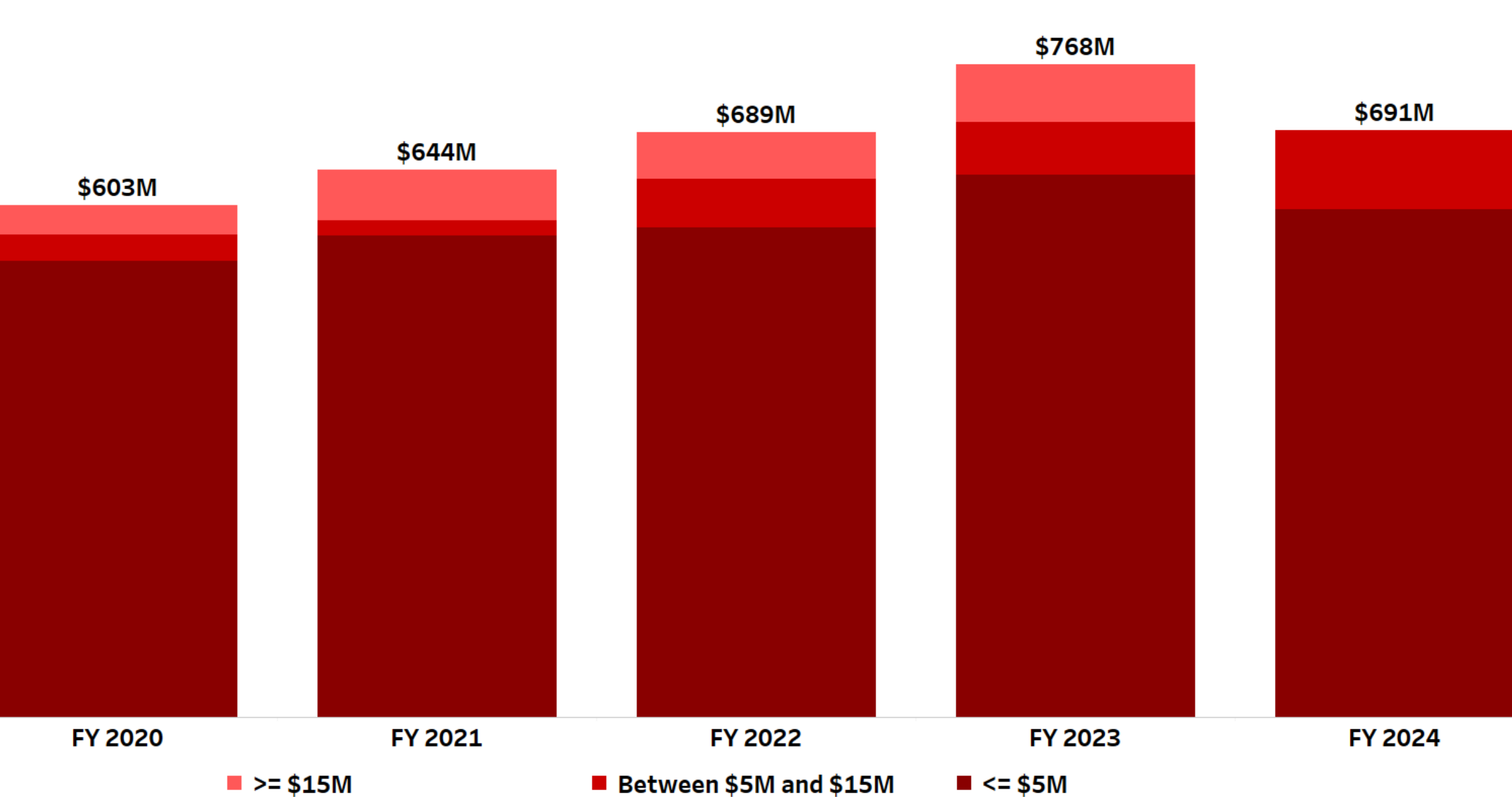
\*Other (<1% each): NEA & NEH (\$17.8M), DOJ (\$5.7M), USDA (\$4.9M), DOC (\$3.4M), DOI (\$3.2M), DHS (\$2.8M), DOT (\$0.9M), DOL (\$0.3), DOS (\$0.2M)

# CLOSER LOOK @ FUNDS REQUESTED FROM FEDERAL SPONSORS



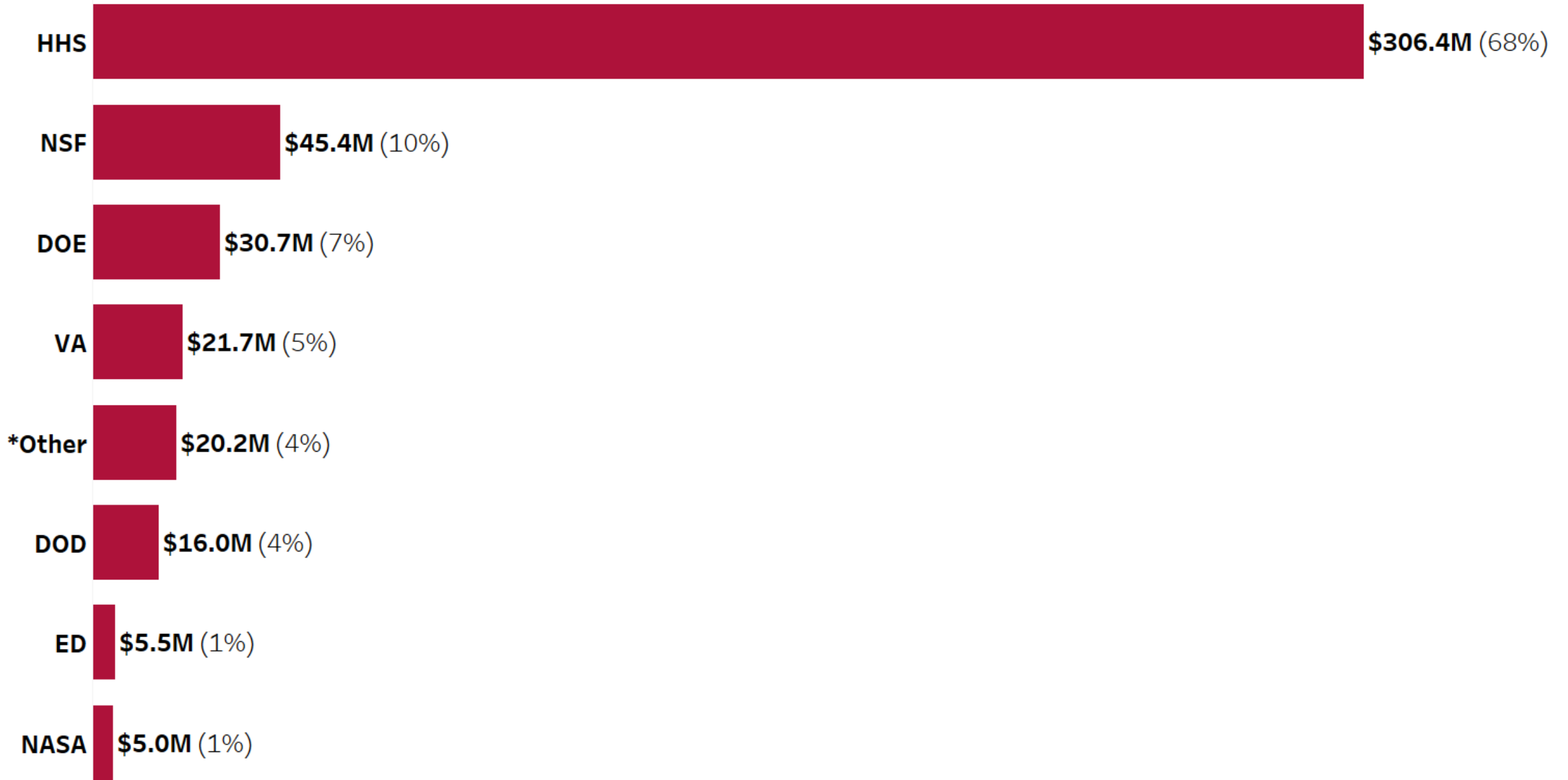
Note: displayed percentages quantify percent of requested federal funding in FY 2024

# RESEARCH FUNDING



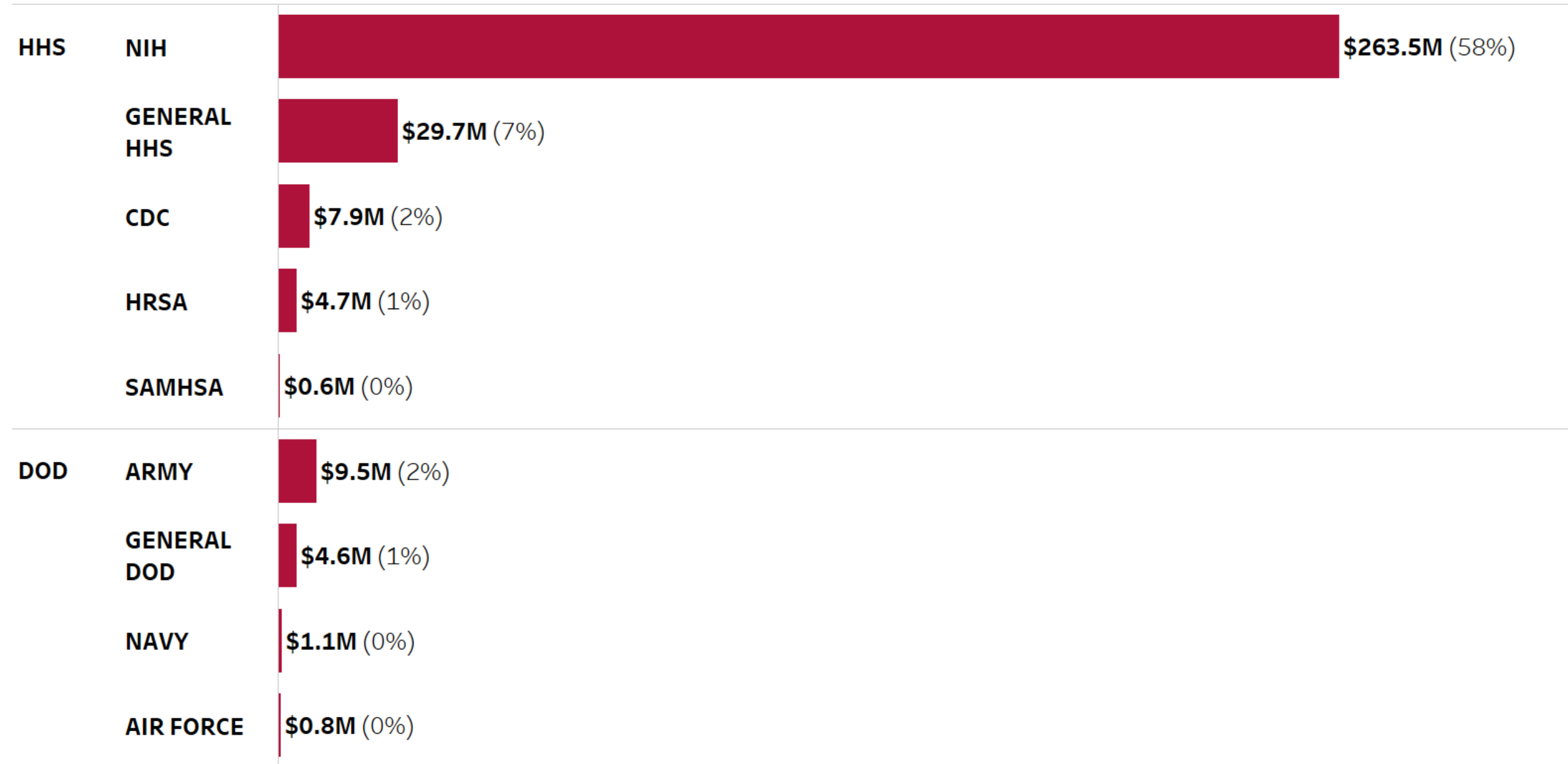


# SOURCES OF FEDERAL FUNDING IN FY 2024



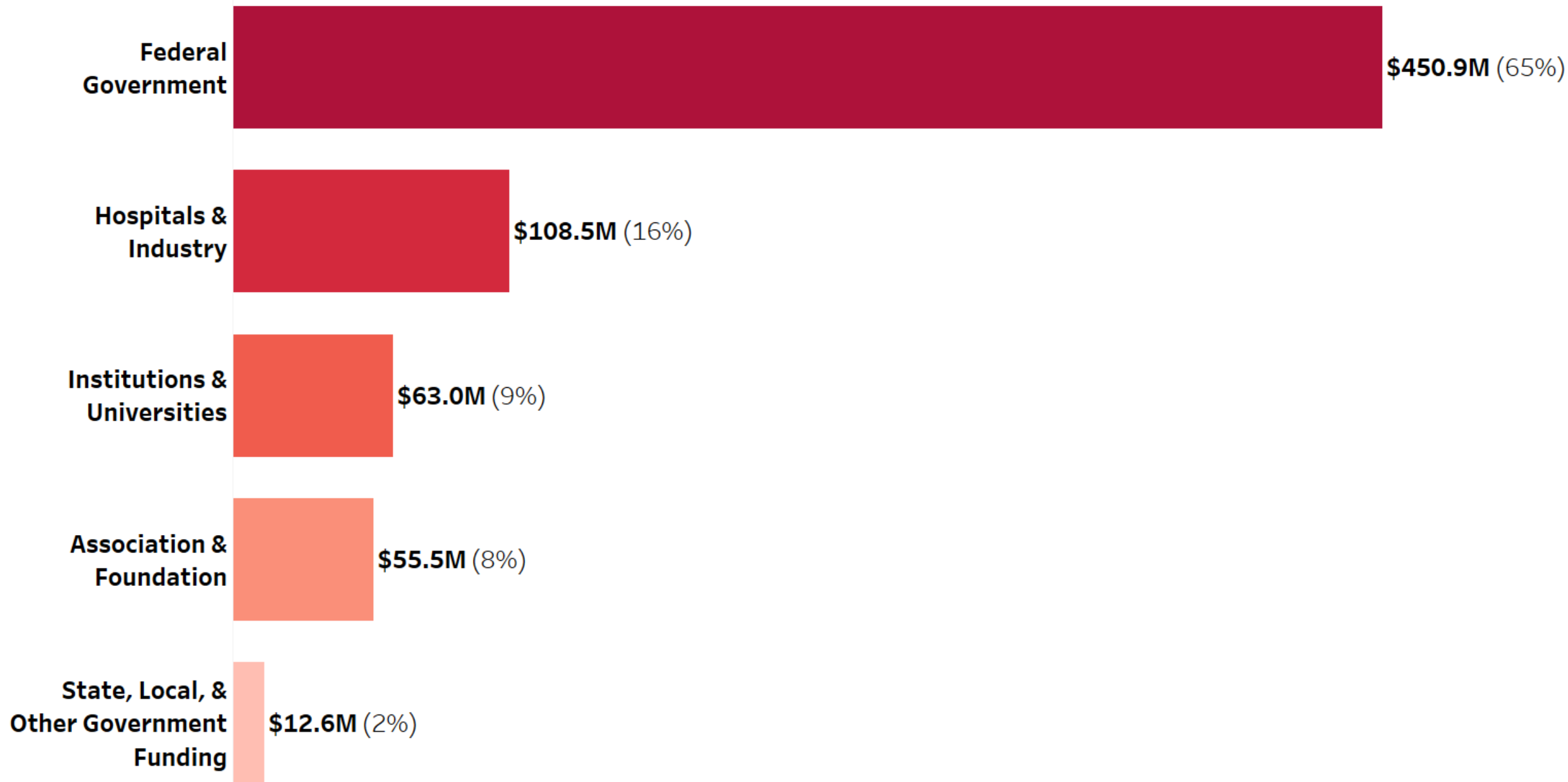
\*Other (<1% each): DOT (\$5.8M), DOS (\$5.1M), DOJ (\$2.6M), DOI (\$2.5M), DOC (\$2M), DHS (\$1.4M), NEA & NEH (\$0.4M), USDA (0.4M)

# CLOSER LOOK @ SOURCES OF FEDERAL FUNDING IN FY 2024

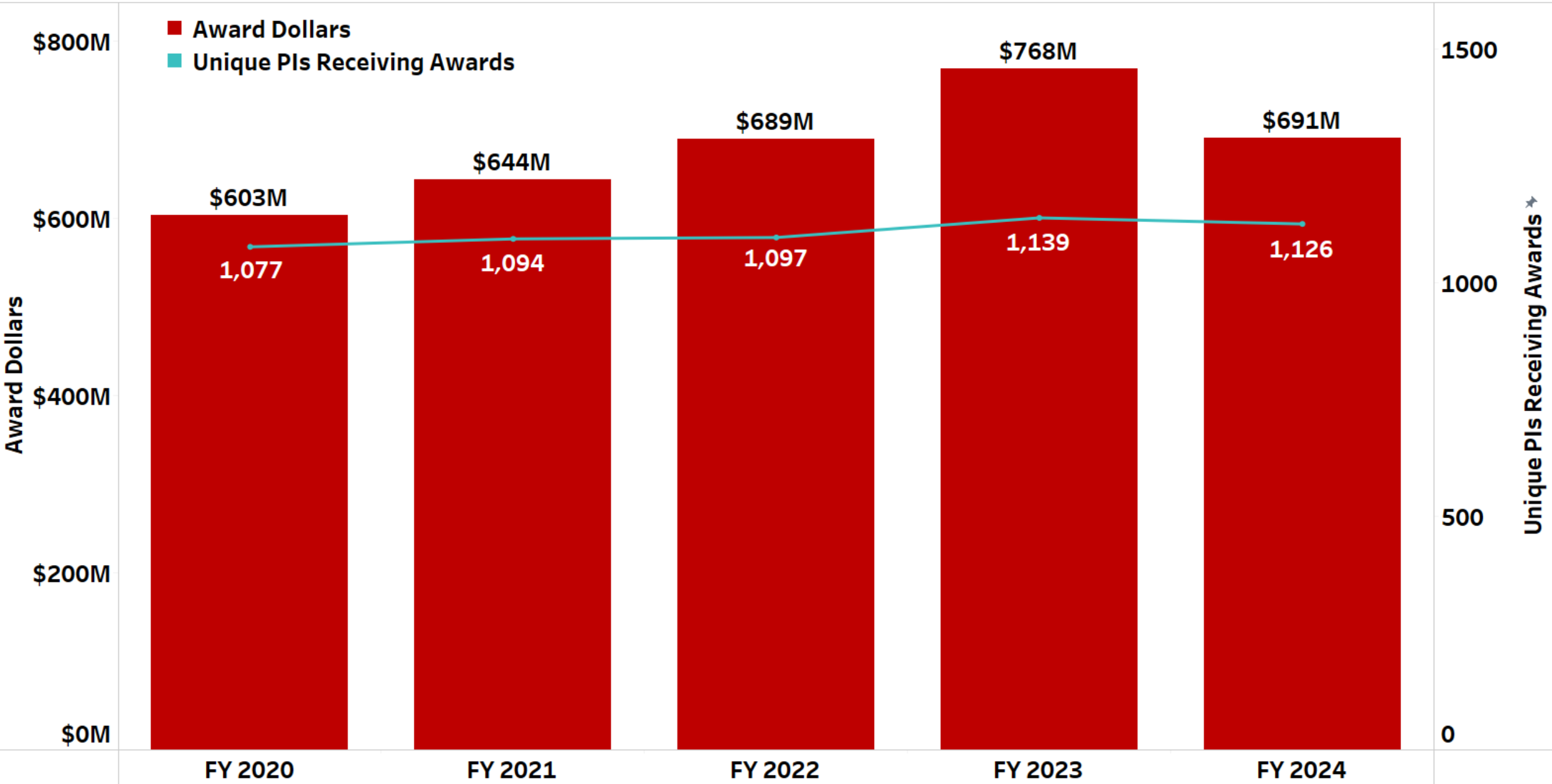


Note: displayed percentages quantify percent of federal funding in FY 2024

# SOURCES OF RESEARCH FUNDING IN FY 2024

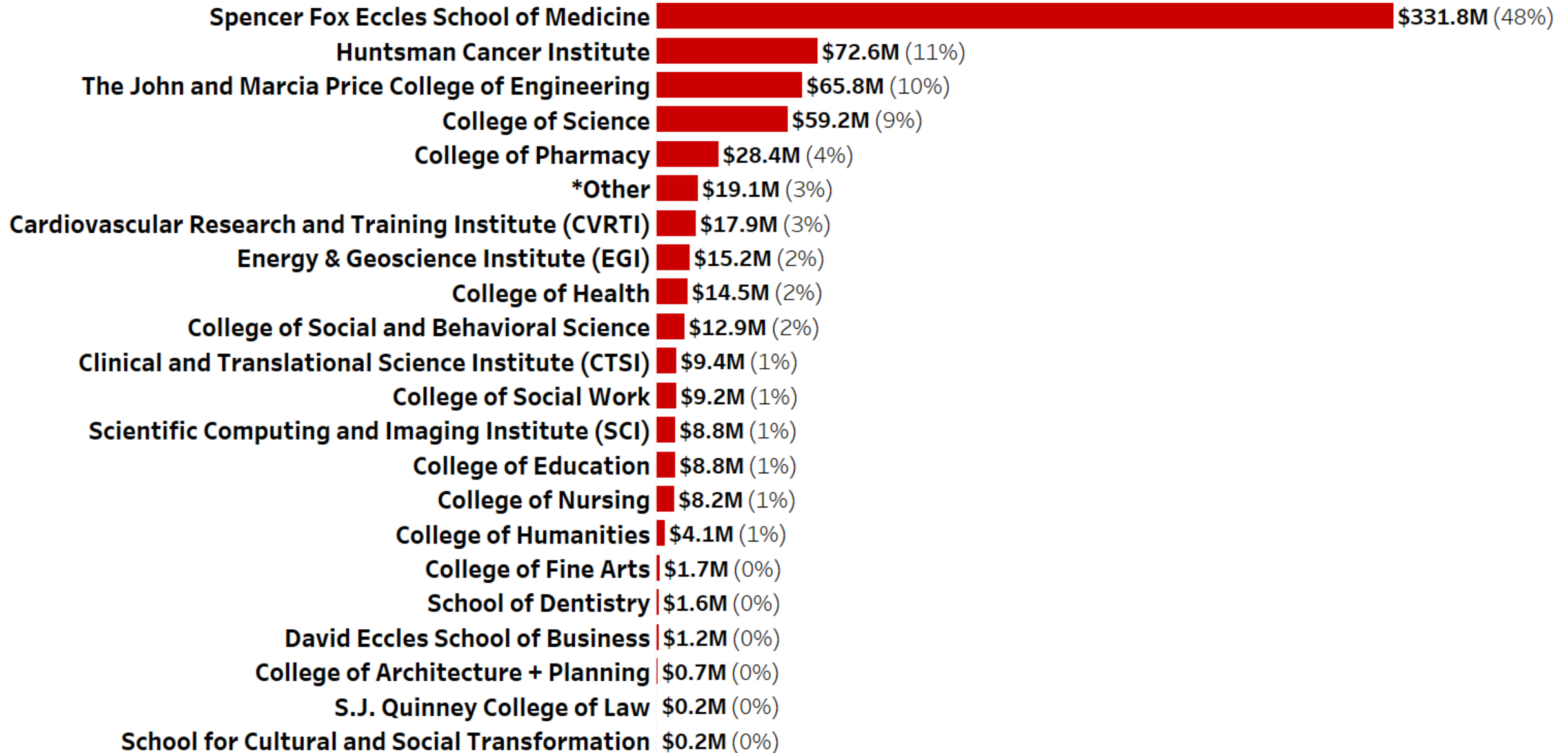


# RESEARCH FUNDING & PI GROWTH



# GROWING RESEARCH AS ONE U

## Funded Research in FY2024

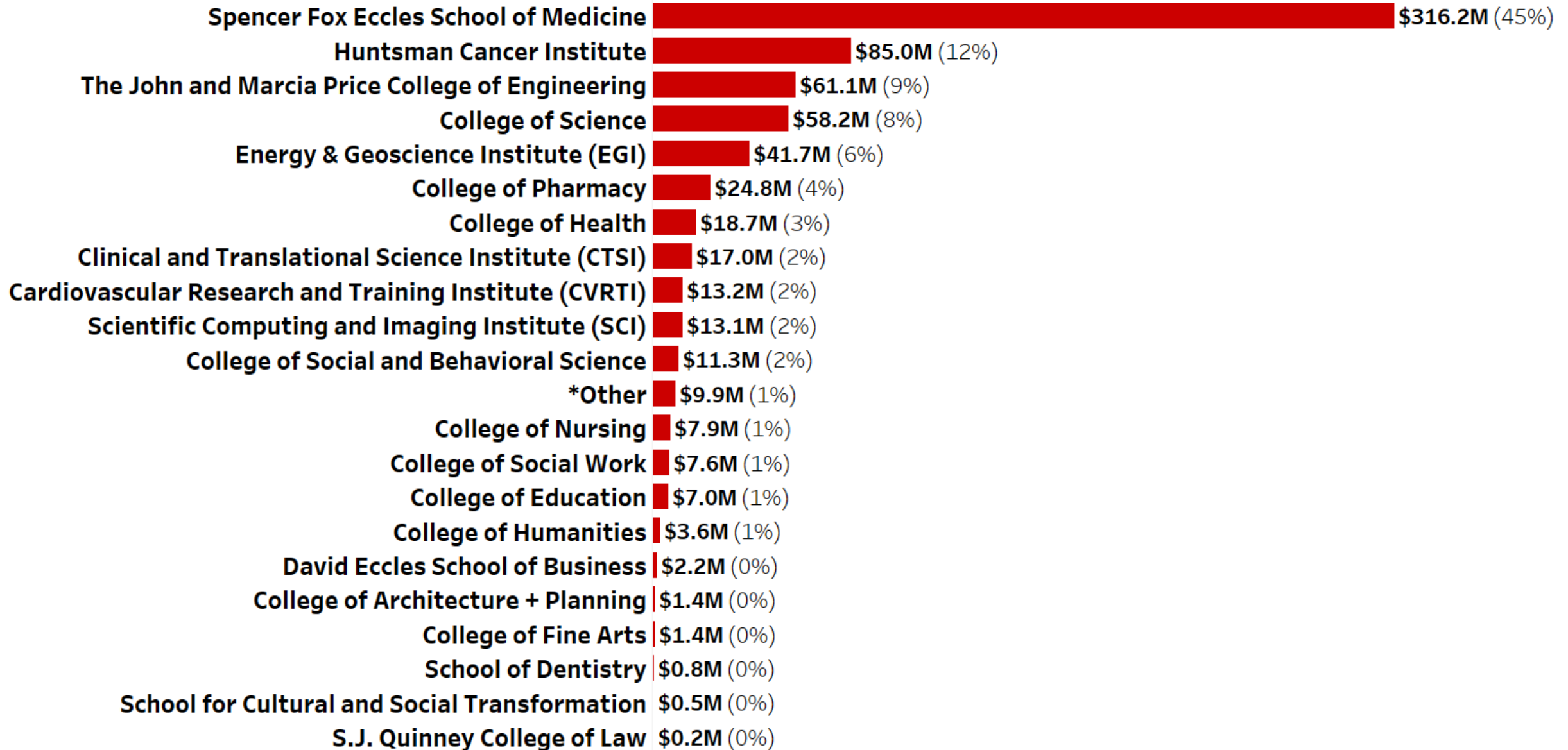


\*Other: non-institute units that do not financially roll up to a college



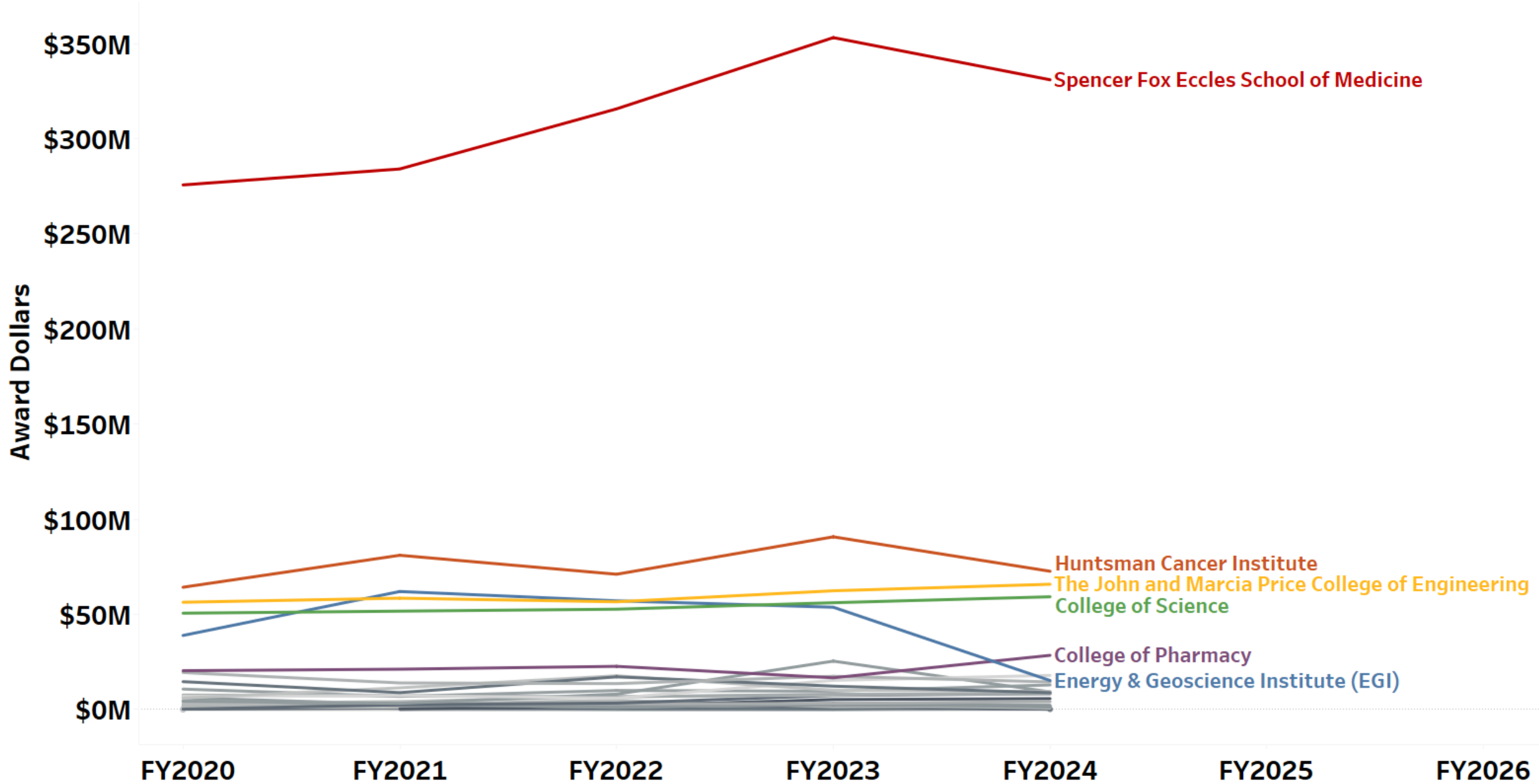
# GROWING RESEARCH AS ONE U

## Research Expenditures in FY2024

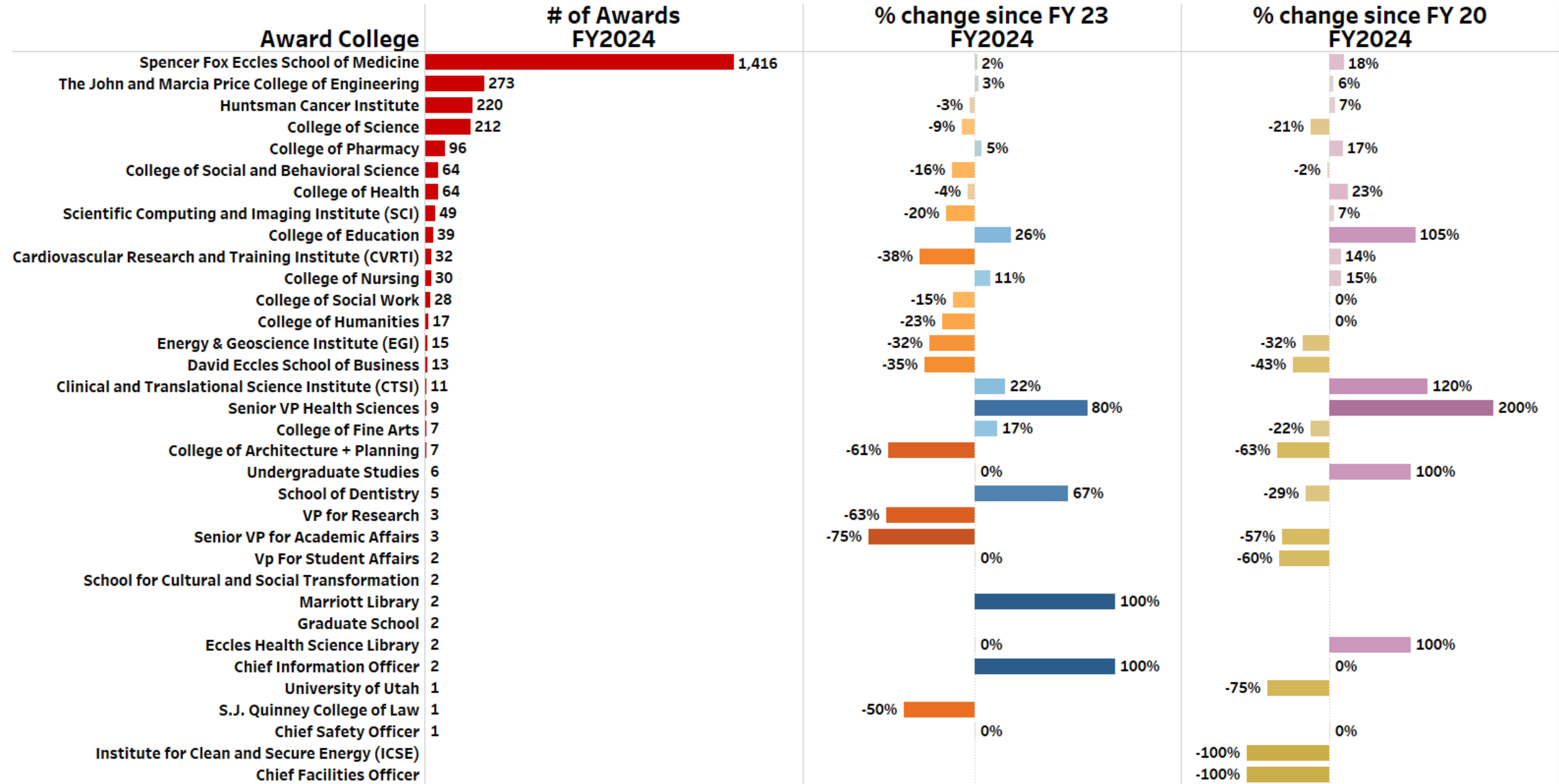


\*Other: non-institute units that do not financially roll up to a college

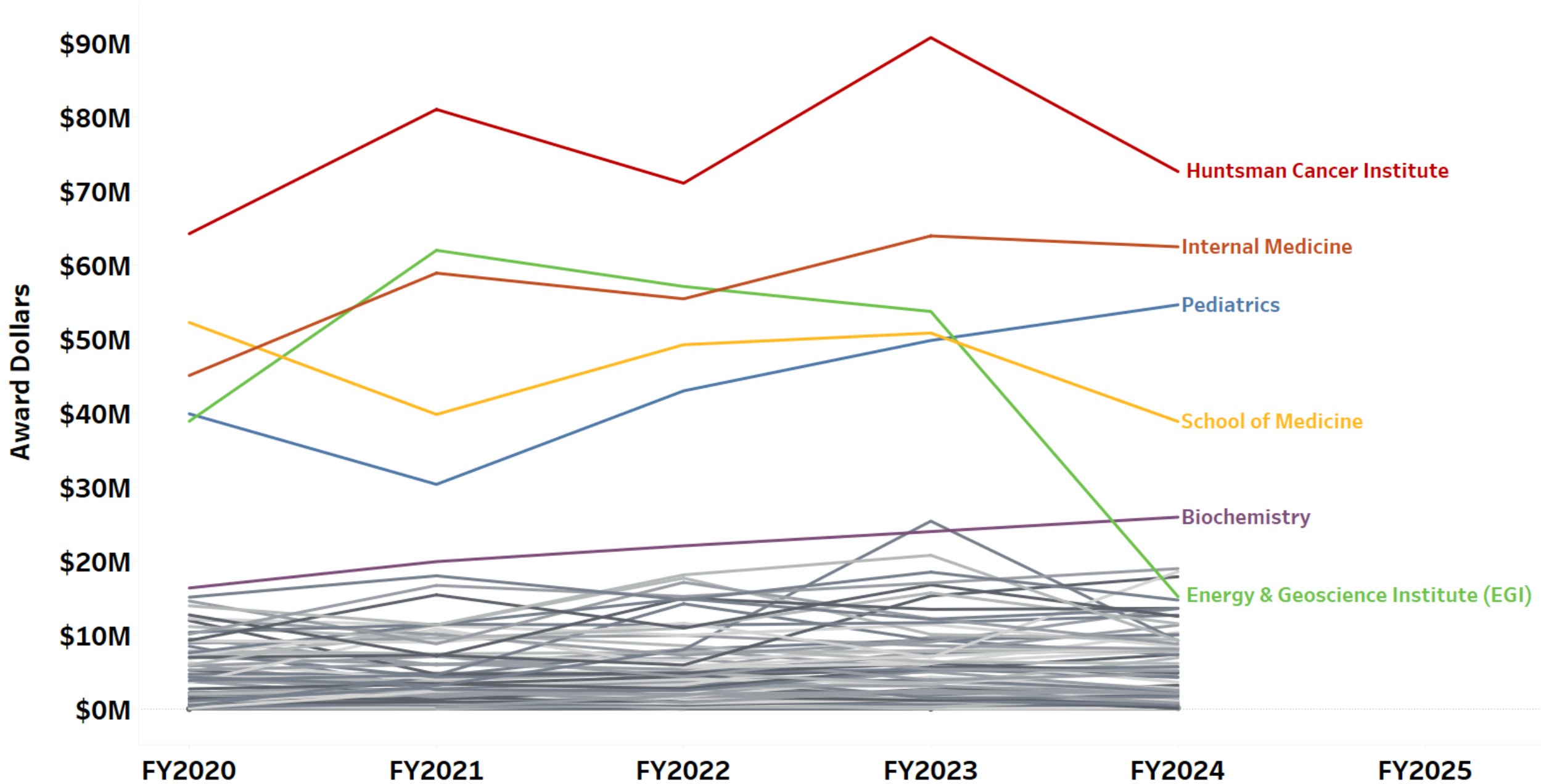
# AWARDED RESEARCH FUNDING BY COLLEGE



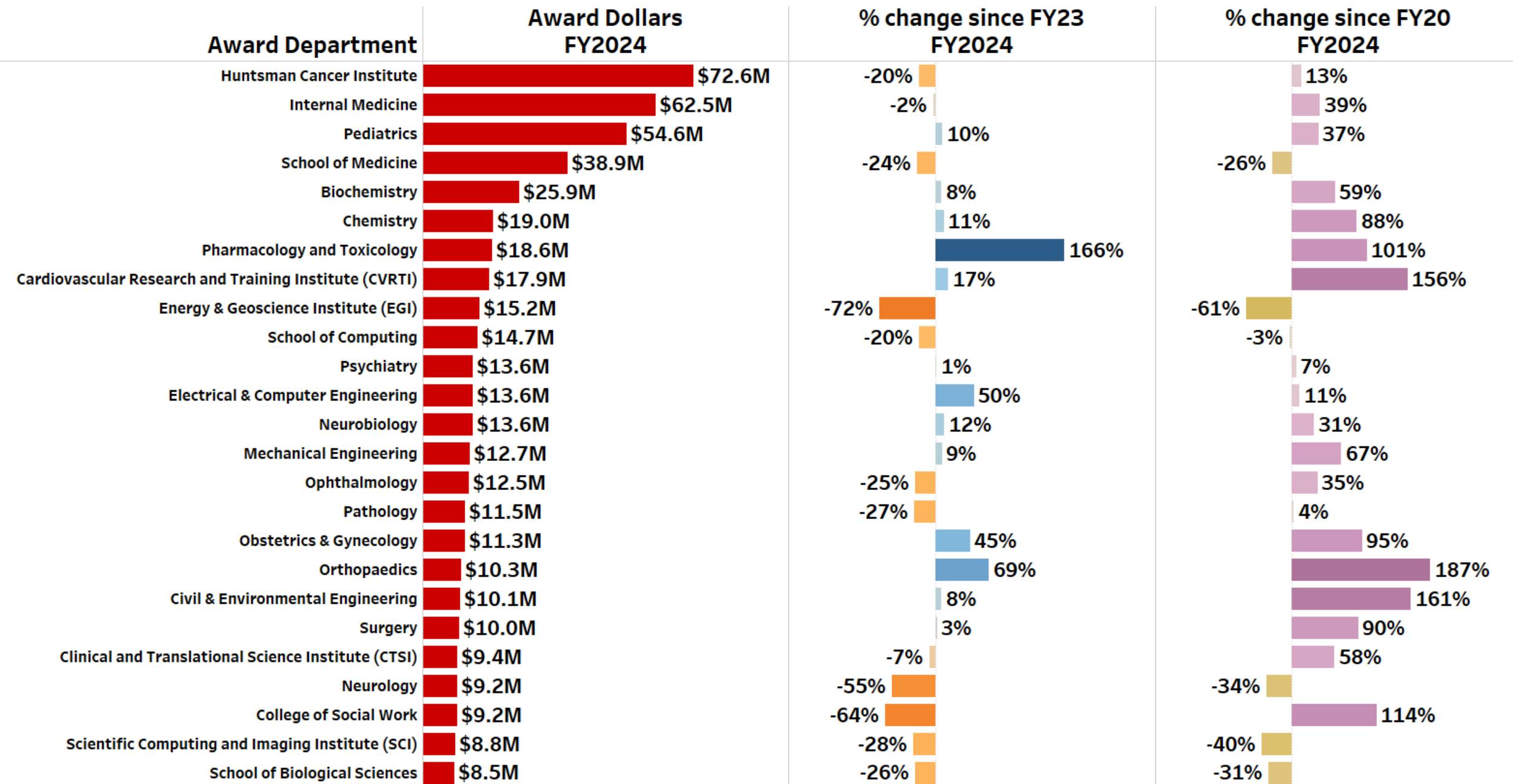
# % CHANGE IN # OF RESEARCH AWARDS BY COLLEGE



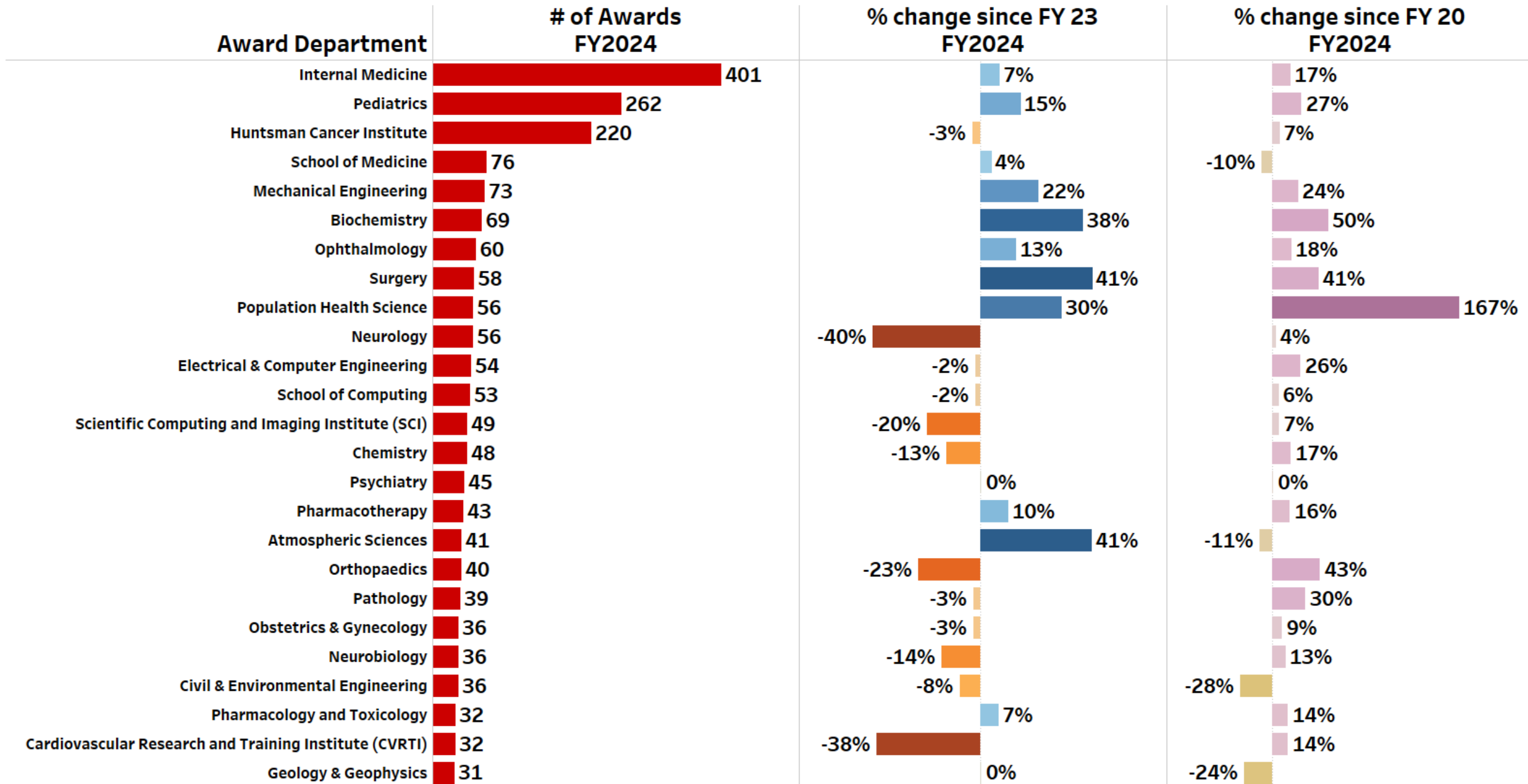
# AWARDED RESEARCH FUNDING BY DEPARTMENT



# % CHANGE IN AWARDED RESEARCH FUNDING FOR THE TOP 25 DEPARTMENTS



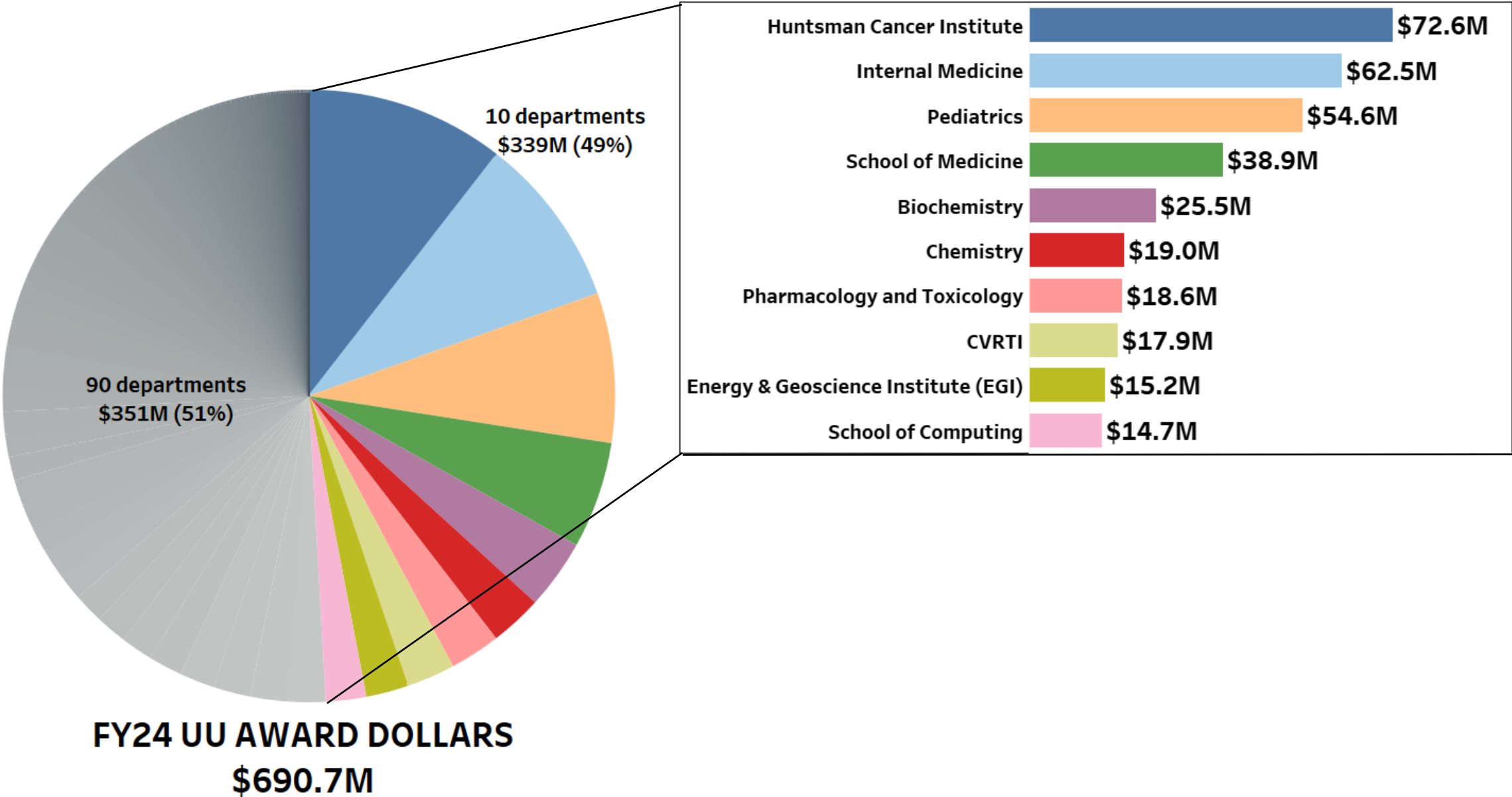
# % CHANGE IN # OF RESEARCH AWARDS FOR THE TOP 25 DEPARTMENTS





# DEPARTMENTS LEADING UU AWARD DOLLARS in FY24

On average, 10% of UU departments account for 50% of UU Award Dollars





## FY 2024 AWARD DOLLARS by DEPARTMENT

Award Department	Distinct # of PIs	# of Awards	Award \$	% of Total Award \$	Running % of Total Award \$	Running Total # of Departments
<b>Grand Total</b>	<b>1,126</b>	<b>2,635</b>	<b>\$691,367,369</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100</b>
Huntsman Cancer Institute	109	220	\$72,636,274	10.51%	10.51%	1
Internal Medicine	103	400	\$62,416,067	9.03%	19.53%	2
Pediatrics	103	262	\$54,626,945	7.90%	27.44%	3
School of Medicine	37	76	\$38,854,989	5.62%	33.06%	4
Biochemistry	22	69	\$25,927,686	3.75%	36.81%	5
Chemistry	21	48	\$18,973,202	2.74%	39.55%	6
Pharmacology and Toxicology	11	32	\$18,563,162	2.68%	42.23%	7
Cardiovascular Research and Training Institute (CVRTI)	15	33	\$17,929,210	2.59%	44.83%	8
Energy & Geoscience Institute (EGI)	9	15	\$15,188,668	2.20%	47.03%	9
School of Computing	28	53	\$14,723,559	2.13%	49.15%	10
Psychiatry	21	45	\$13,608,737	1.97%	51.12%	11
Electrical & Computer Engineering	19	54	\$13,600,765	1.97%	53.09%	12
Neurobiology	19	36	\$13,569,975	1.96%	55.05%	13
Mechanical Engineering	27	73	\$12,689,217	1.84%	56.89%	14
Ophthalmology	26	60	\$12,514,076	1.81%	58.70%	15
Pathology	24	39	\$11,529,560	1.67%	60.37%	16
Obstetrics & Gynecology	19	36	\$11,333,187	1.64%	62.01%	17
Orthopaedics	22	40	\$10,332,115	1.49%	63.50%	18
Civil & Environmental Engineering	18	36	\$10,060,974	1.46%	64.96%	19

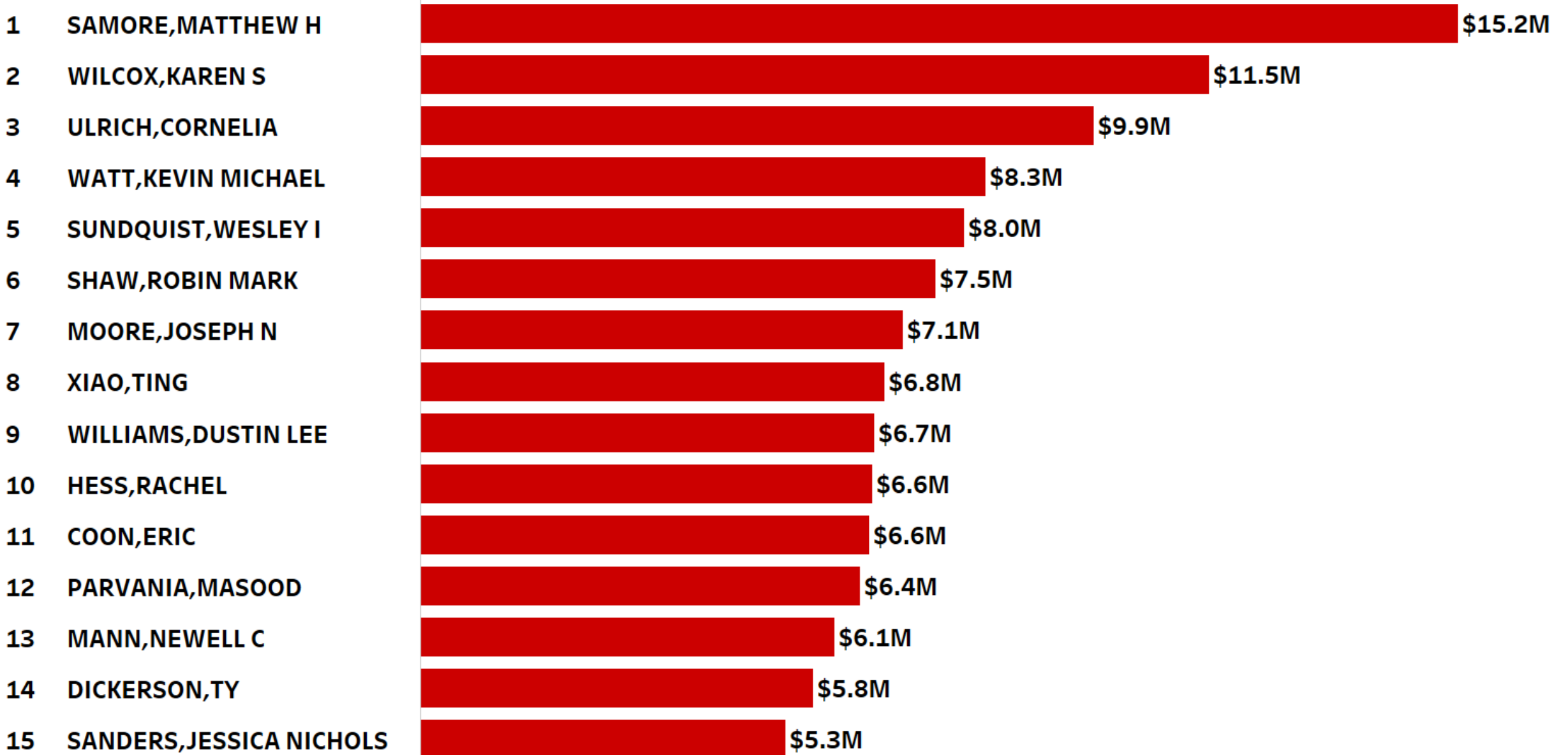
# Proposals and Awards

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- *118 PIs (10.5%) account for 50% of the U's research awards in FY24*

# TOP 15 FUNDED PIs IN FY 2024

1,126 unique PIs received award funding in FY 2024



# Top 20 Funded PIs

## FY 2024 AWARD DOLLARS by PI

Award PI UNID	Award PI Name	# of Awards	Award \$	% of Total Award \$	Running % of Total Award \$	Running Total # of PIs
<b>Grand Total</b>		<b>2,635</b>	<b>\$691,367,369</b>	<b>100.00%</b>	<b>100.00%</b>	<b>1,126</b>
00102331	SAMORE, MATTHEW H	17	\$15,194,398	2.20%	2.20%	1
00100748	WILCOX, KAREN S	6	\$11,543,775	1.67%	3.87%	2
00991242	ULRICH, CORNELIA	4	\$9,861,212	1.43%	5.29%	3
06025743	WATT, KEVIN MICHAEL	9	\$8,269,399	1.20%	6.49%	4
00030372	SUNDQUIST, WESLEY I	3	\$7,961,645	1.15%	7.64%	5
06027964	SHAW, ROBIN MARK	7	\$7,542,684	1.09%	8.73%	6
00028363	MOORE, JOSEPH N	2	\$7,063,301	1.02%	9.75%	7
00699371	XIAO, TING	1	\$6,794,779	0.98%	10.74%	8
00447186	WILLIAMS, DUSTIN LEE	2	\$6,652,912	0.96%	11.70%	9
00946054	HESS, RACHEL	4	\$6,622,466	0.96%	12.66%	10
00887960	COON, ERIC	1	\$6,570,672	0.95%	13.61%	11
06001488	PARVANIA, MASOOD	9	\$6,443,530	0.93%	14.54%	12
00178120	MANN, NEWELL C	6	\$6,059,121	0.88%	15.42%	13
00551082	DICKERSON, TY	2	\$5,750,000	0.83%	16.25%	14
00640158	SANDERS, JESSICA NICHOLS	2	\$5,348,237	0.77%	17.02%	15
01074771	YOON, SARANG KIM	2	\$5,234,626	0.76%	17.78%	16
00889676	GARLAND, ERIC L	6	\$5,153,476	0.75%	18.52%	17
00914425	BARBER, MICHAEL ERNEST	1	\$5,079,321	0.73%	19.26%	18
00752257	MINTEER, SHELLEY D	5	\$4,989,452	0.72%	19.98%	19
00662073	METZ, TORRI DERBACK	7	\$4,829,516	0.70%	20.68%	20



# AGENDA

■ Updates and Brief National Funding Overview

■ University of Utah Research Report

■ **FY24 Distribution Model**

■ Open Session Q&A

# F&A Video by UCSF

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- <https://www.youtube.com/watch?v=yxTDIFvkvio>



# Federal Dollar for Research Support





# Current UofU F&A Rates

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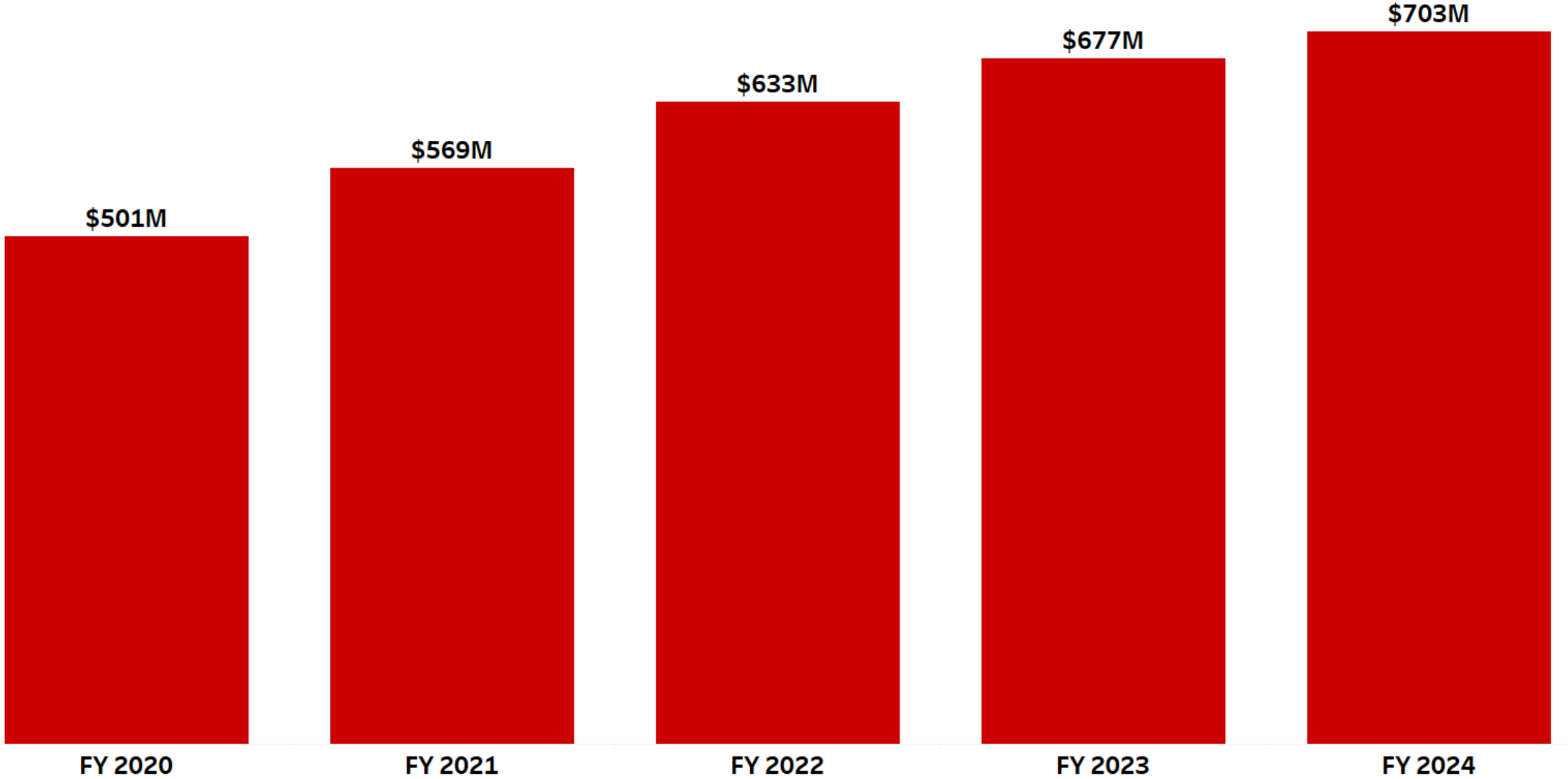
- Research: **54.0%**
- Instructional Training: **41.5%**
- Other Sponsored Activities: **35.0%**
- Training Grants, Foundations, etc: **Lower F&A Rates**
- Subcontracts: **Charged on first \$25k**

We are in continuing F&A resolution status

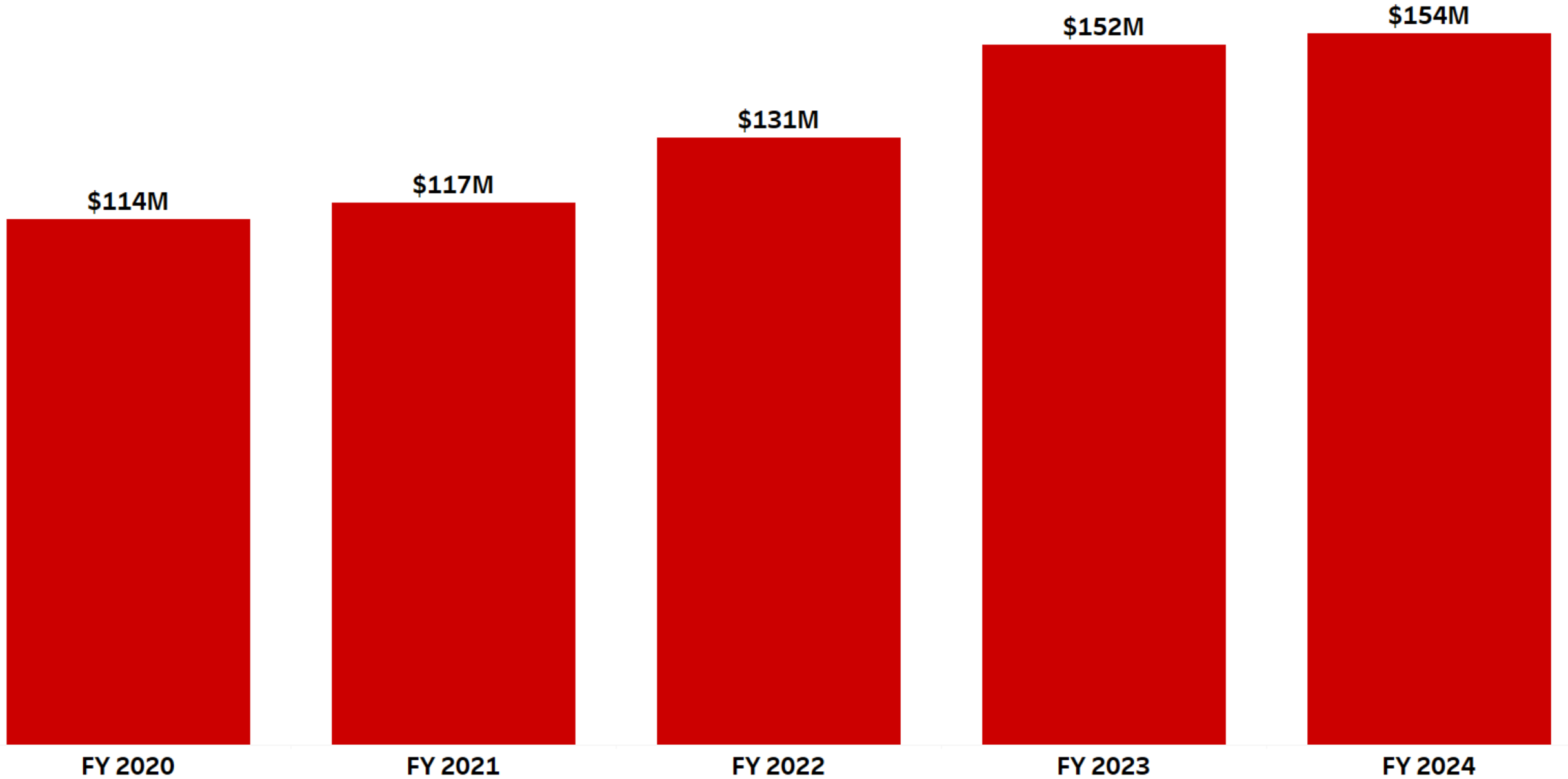
<https://osp.utah.edu/resources/quick-reference/fa-rates.php>



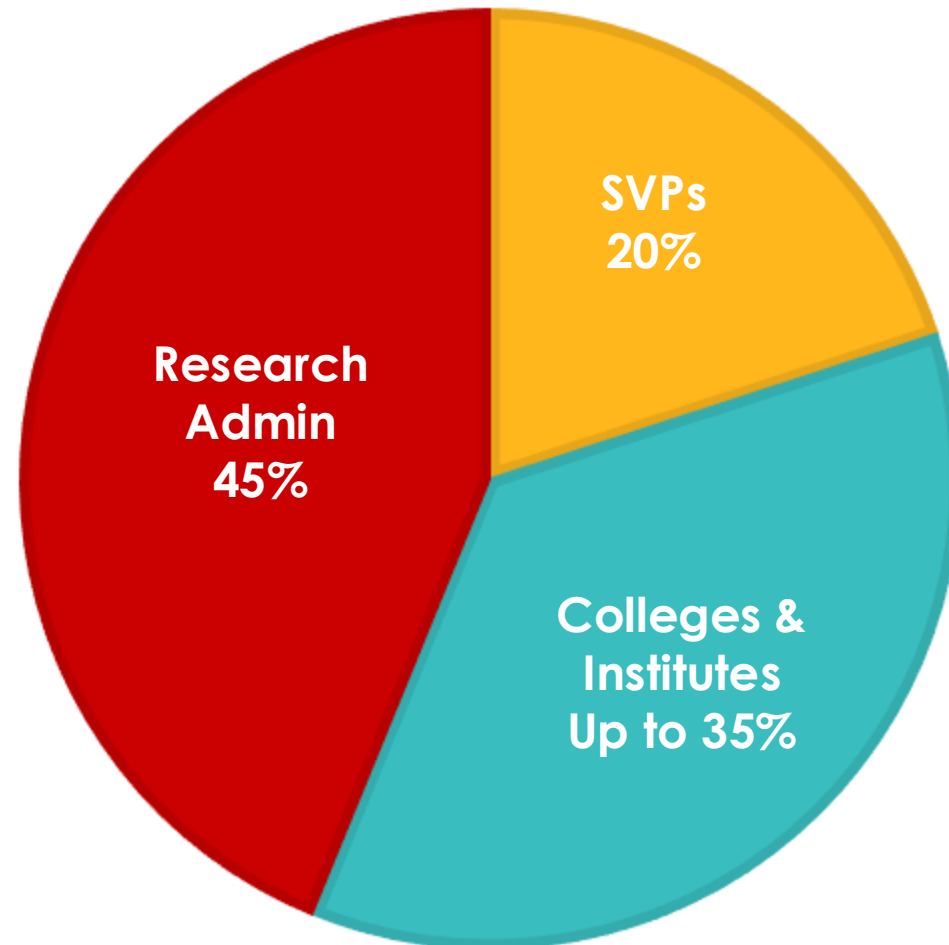
# RESEARCH EXPENDITURES



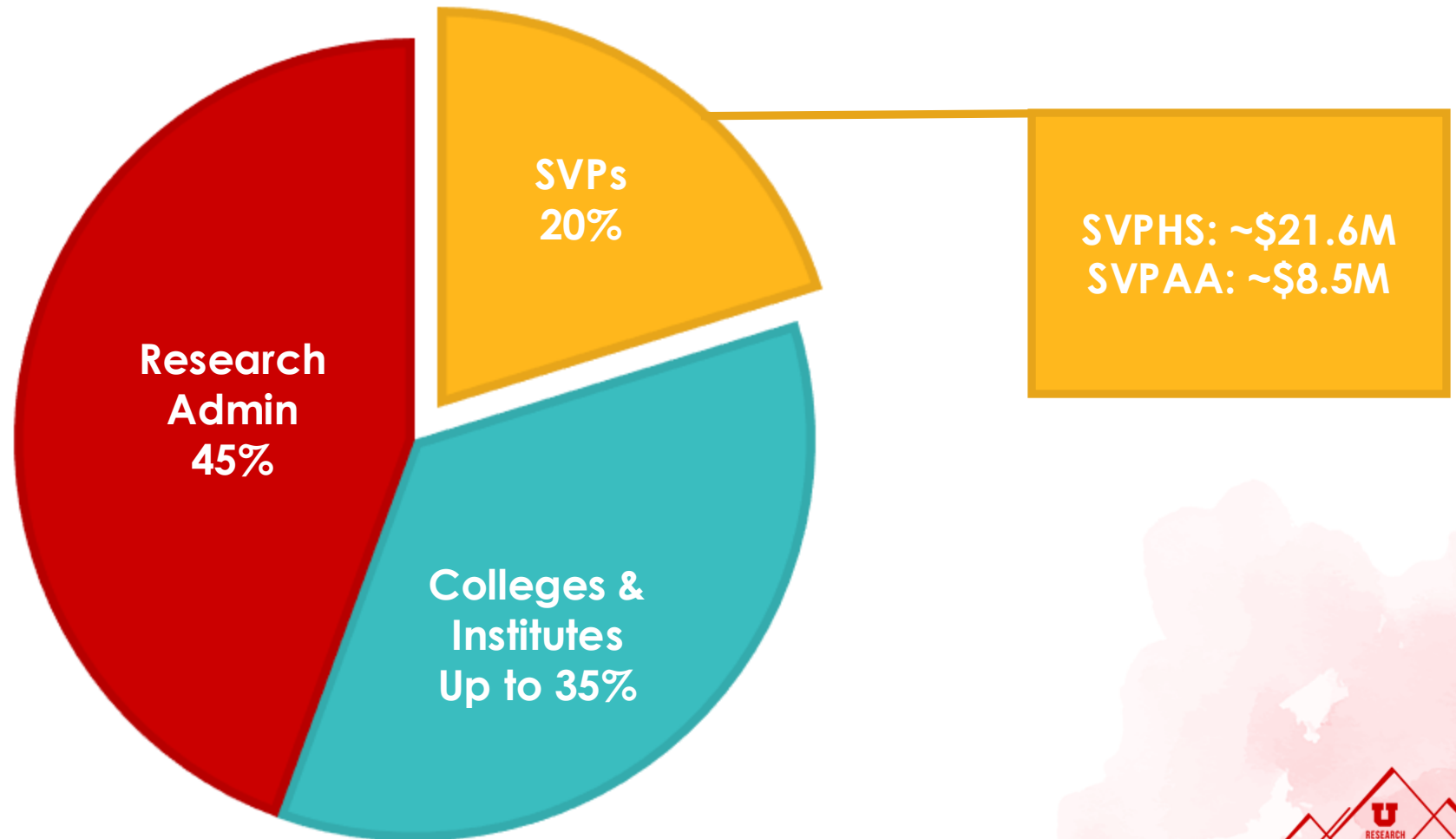
# F&A EXPENDITURES



# FY 24 F&A Distribution



# FY 24 F&A Distribution to SVPs



# How are SVPs investing their F&A distribution?

## SVP INVESTMENTS

### SVPAA

Majority goes to *Engineering and Science* with smaller amounts distributed to other colleges/institutes.

### SVPHS

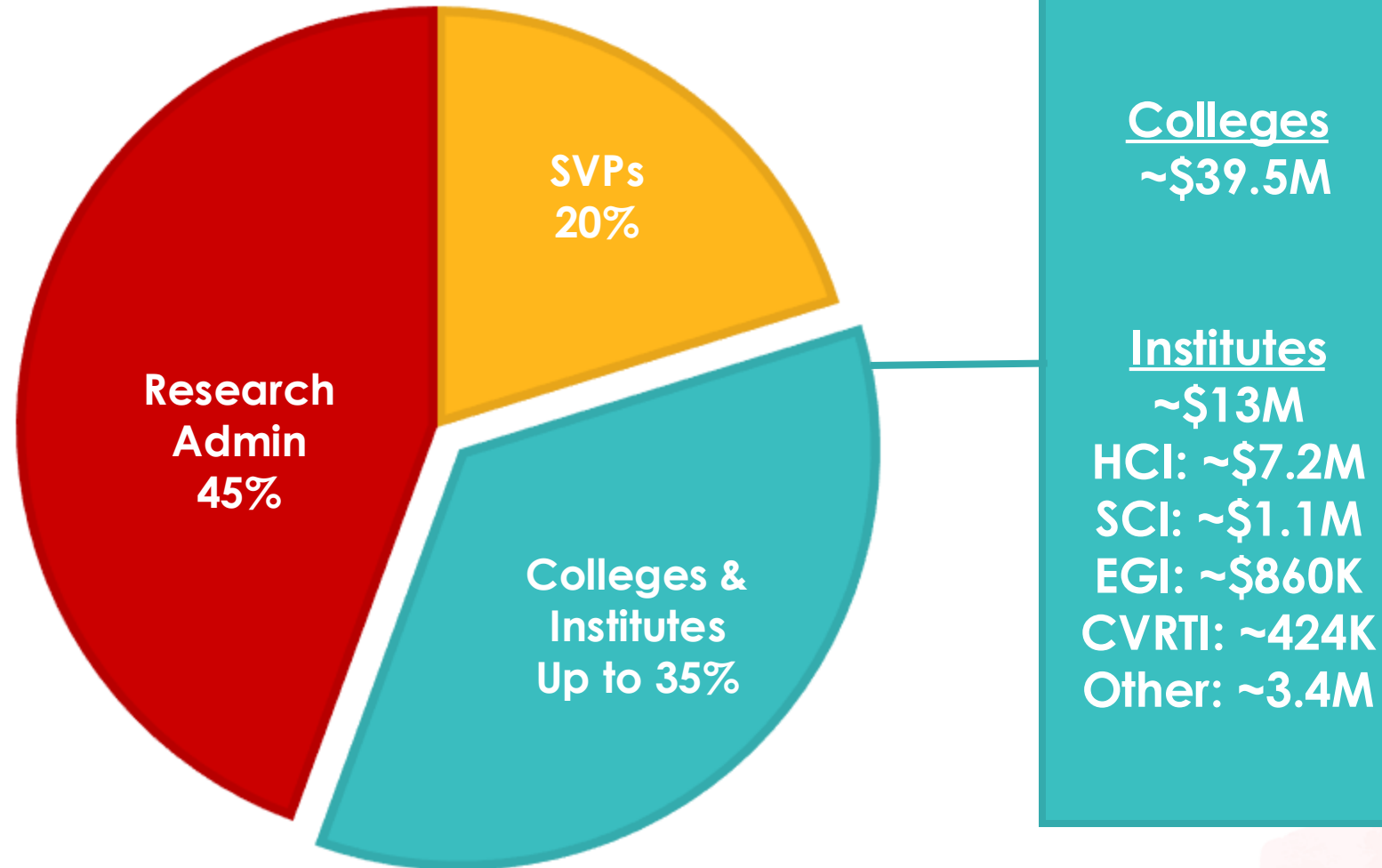
Infrastructure: 63.57%  
Lease: 20.55%  
Recruitment/Retention: 15.88%

SVPHS – Catalina Ochoa, [catalina.ochoa@hsc.utah.edu](mailto:catalina.ochoa@hsc.utah.edu)

SVPAA – Kimie Adamson, [kimberly.adamson@utah.edu](mailto:kimberly.adamson@utah.edu)

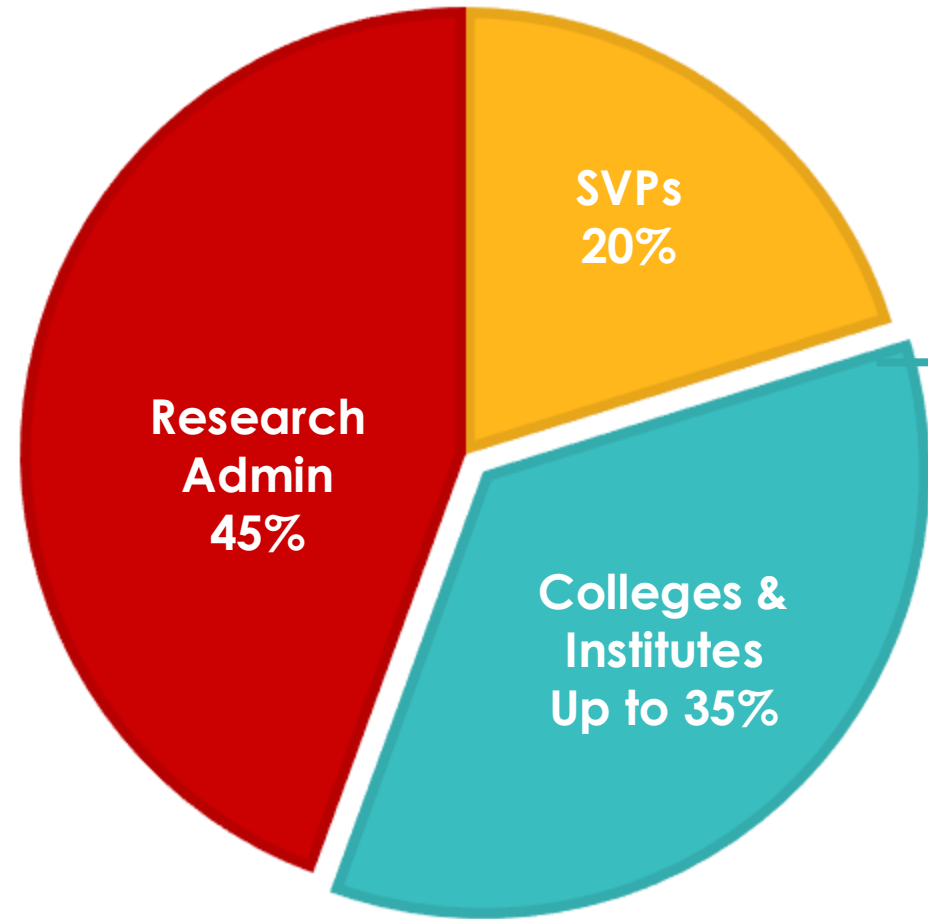


# FY24 F&A Distributions to Colleges/Institutes





# FY24 F&A Distributions to Colleges/Institutes

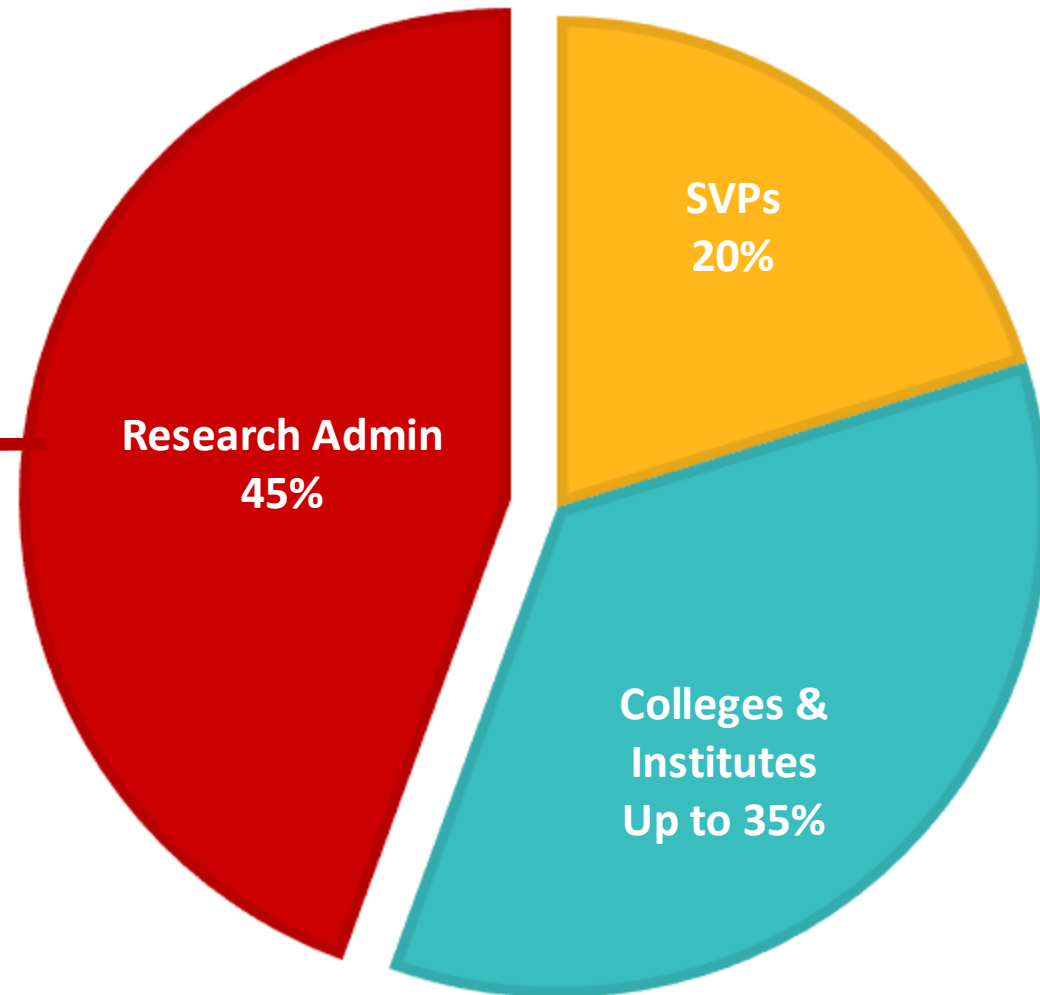


## Colleges

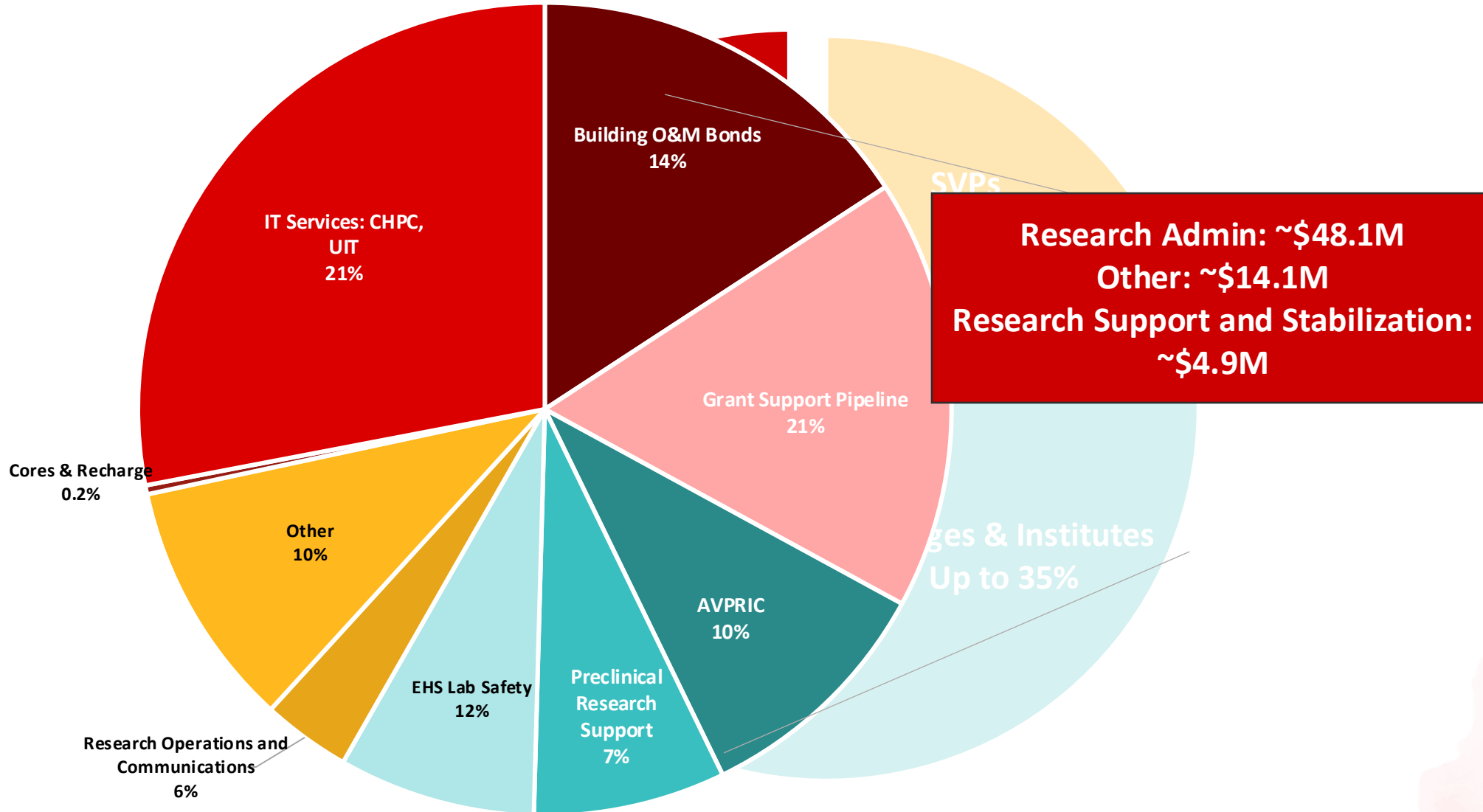
School Of Medicine	\$23,343,731
College Of Engineering	\$5,373,143
College Of Science	\$4,860,765
College Of Pharmacy	\$2,041,307
College Of Health	\$1,235,503
College Of Soc.& Beh. Sci.	\$763,644
College Of Nursing	\$628,008
College Of Social Work	\$587,278
College Of Education	\$168,311
College Of Humanities	\$121,480
College Of Fine Arts	\$107,752
School Of Business	\$87,360
College Of Architecture	\$85,657
School Of Dentistry	\$67,450
College Of Law	\$9,879

# FY24 F&A Distributions Research Admin. & Strategic Initiatives

Research Admin: ~\$48.1M  
Other: ~\$14.1M  
Research Support and  
Stabilization: ~\$4.9M  
College Paid RA Tuition: ~\$4.2M



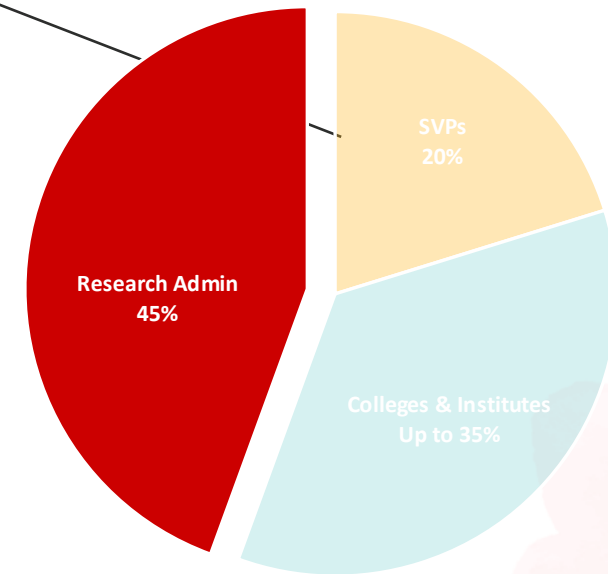
# FY24 F&A Distributions to Research Admin



# FY24 F&A Allocation for Strategic Investments

## Other

**Seed Funds/Awards: ~\$2.8M**  
**Cost-Share: ~\$2.5M**  
**Rainy Day: \$1M**  
**Additional SVP Allocations: \$2.4M**  
**Other HS Allocations: \$3.5M**  
**Vivarium/Infrastructure Updates: \$2M**



# What are the goals and expectations going forward?

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## **Goals:**

- Intended to reward and incentivize research excellence
- Provide more resources to colleges and institutes for research

## **Evaluation:**

- Analyze over the next five years (Entering year 05)
- F&A Tuition on Grants Taskforce (January 2025)



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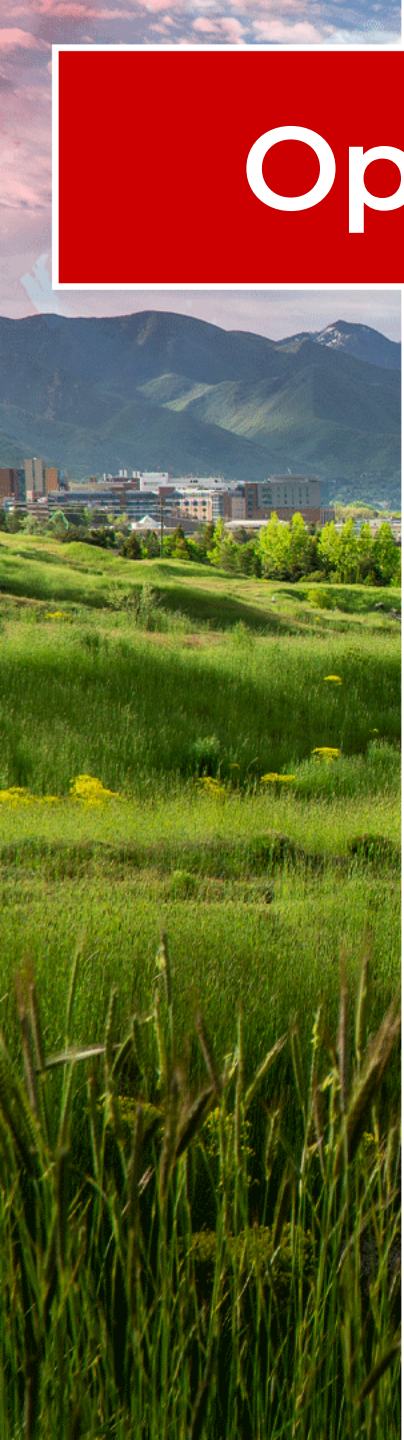
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**Open Session Q&A**

# Open Session

- Questions or comments?







## VICE PRESIDENT FOR RESEARCH

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# THANK YOU