



U-M RESEARCH AWARD AND EXPENDITURES REPORT
OCTOBER 2024

**Received by the Regents
October 17, 2024**

This report summarizes the overall trends in grant and contract activity across all three campuses of the University of Michigan through the second month of Fiscal Year 2025, which ended Aug. 31.

Total research expenditures through the second month of FY25 totaled \$392 million, which is up 8.1% when compared to August 2023.

The number of research submissions through the second month of FY25 was up 13.6%, and the value of those submissions increased 17.8% when compared to August 2023.

The number of new research awards from external sponsors during the second month of FY25 increased 10.5%, and their value increased 10% when compared to August 2023.

Arthur Lupia, Vice President for Research and Innovation (interim)

Shandra White, Assistant Vice President for Research – Sponsored Projects

Jason Owen-Smith, Associate Vice President for Research – Institutional Capabilities and Research Intelligence

Highlights of this month's report include:

- An \$11 million NSF award to Thomas Crossley, a research professor at the Institute for Social Research, to continue the **Panel Study of Income Dynamics**, the longest running longitudinal household survey in the world. The study began in 1968.
- A \$7 million award from the NIH to Dr. Laura Mariani, clinician and associate professor of internal medicine, to fund the Cure Glomerulonephropathy (**CureGN**) consortium, a team of medical research professionals assembled to study glomerular diseases in adults and children.
- A \$3.1 million NIH award to Mark Ilgen, professor of psychiatry and director of **U-M Addiction Treatment Services**, to study the links between alcohol use, firearm access and suicide risk.

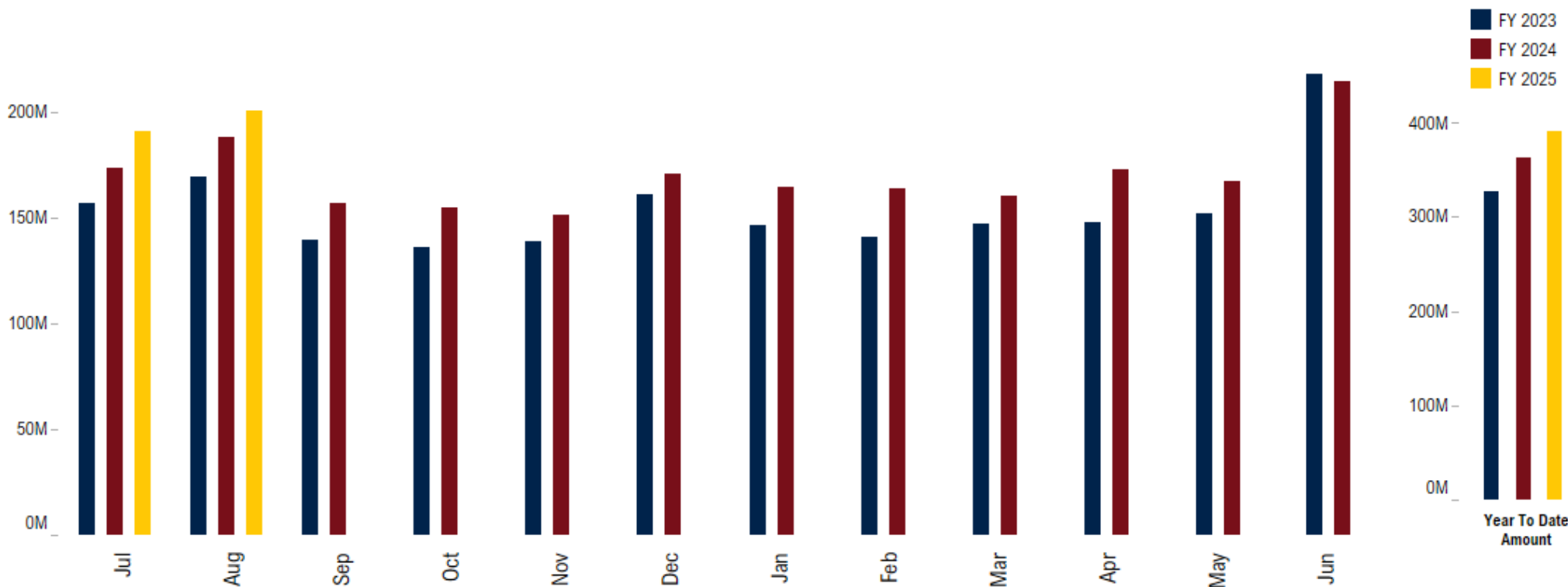
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Expenditures

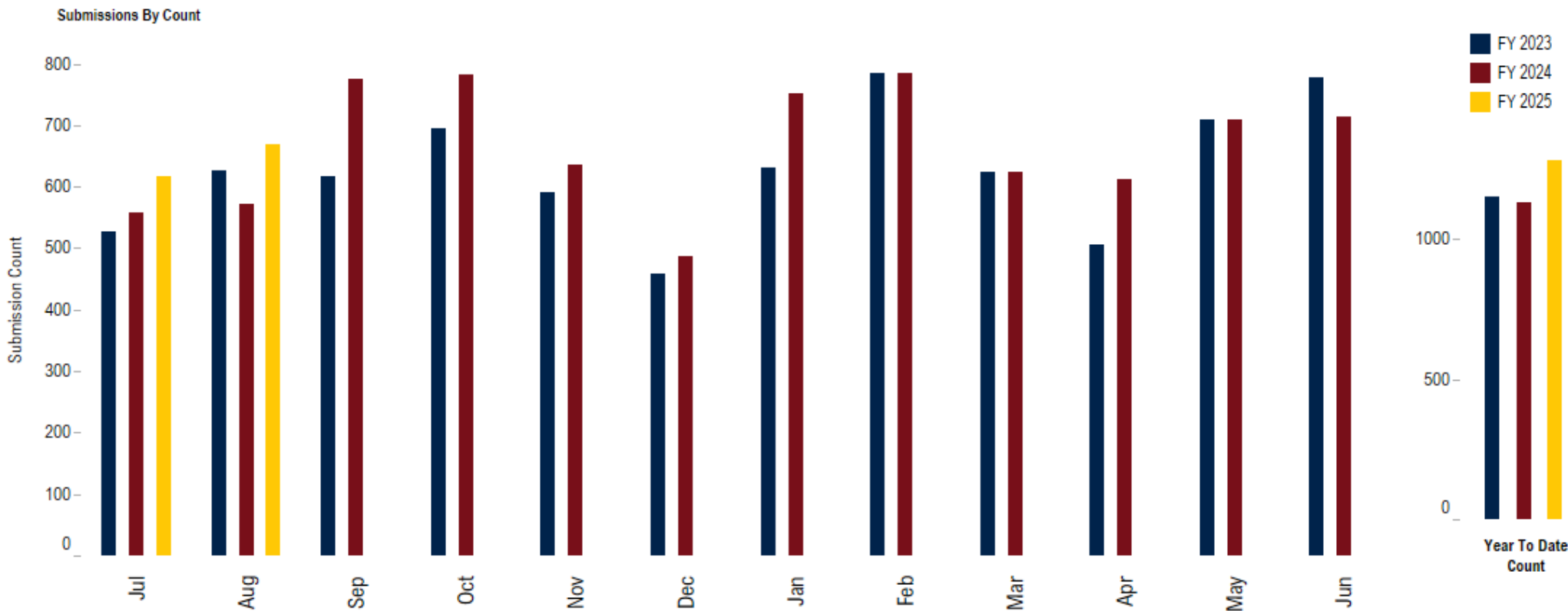
Expenditures By Amount



Year to Date

FY23: \$326,752,551
 FY24: \$362,460,975
 FY25: \$391,816,438

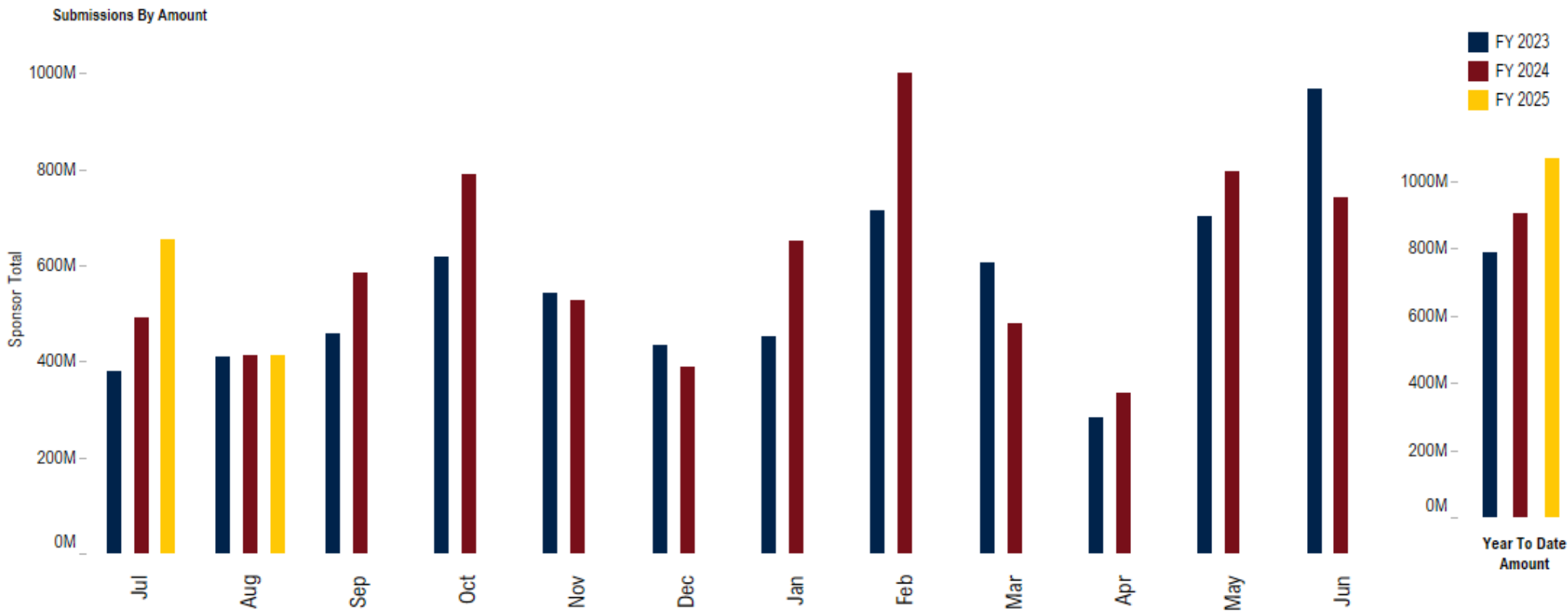
Submissions by Count



Year to Date

FY23: 1,154
FY24: 1,130
FY25: 1,284

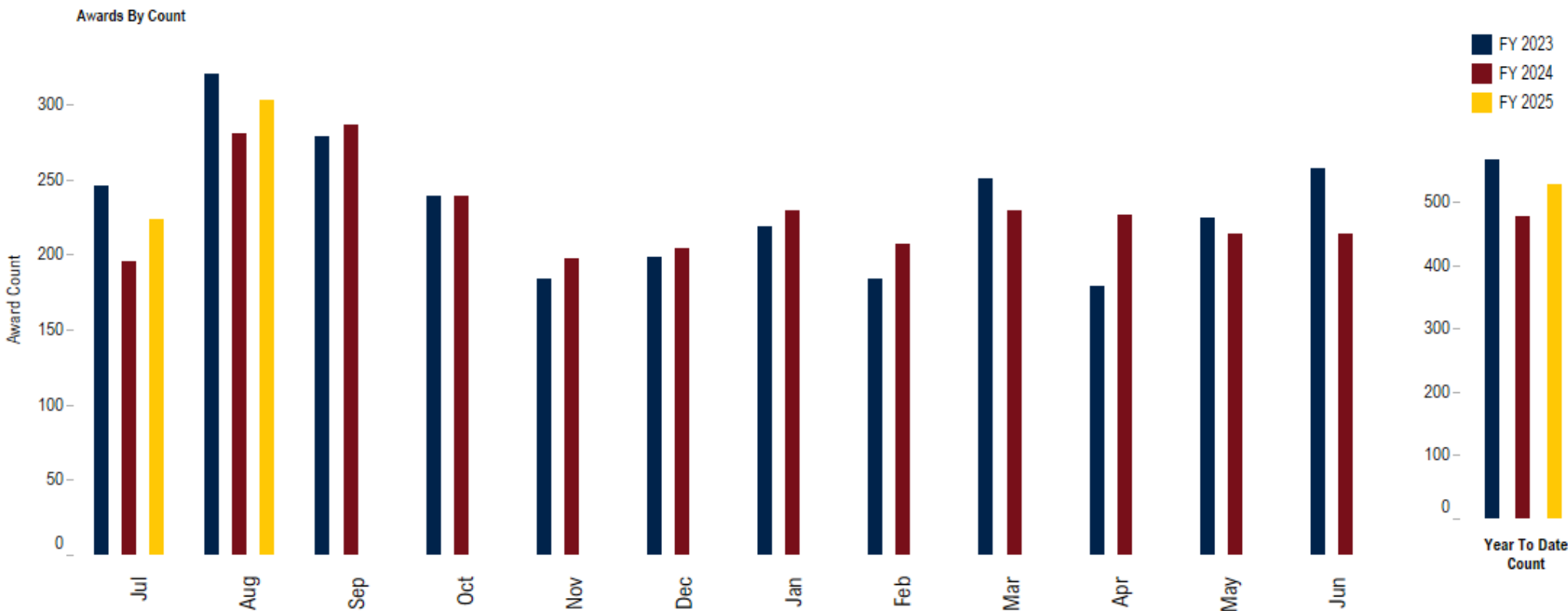
Submissions by Amount



Year to Date

FY23: \$790,865,300
 FY24: \$906,312,238
 FY25: \$1,067,326,918

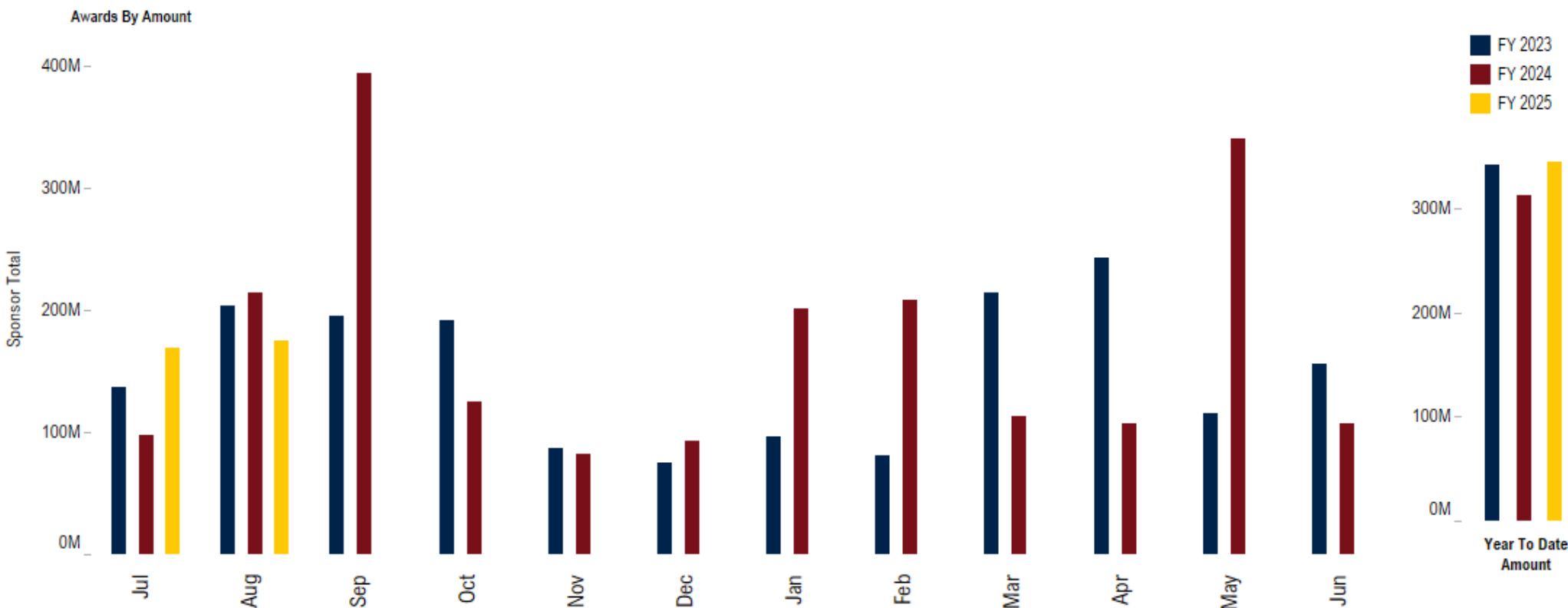
Awards by Count



Year to Date

FY23: 567
FY24: 477
FY25: 527

Awards by Amount



Year to Date

FY23: \$341,670,114
 FY24: \$312,959,436
 FY25: \$344,382,133

Top Monthly Awards

National Science Foundation

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Crossley, Thomas	SRC-Psid	PSID 2025: Continuity and Change in American Economic and Social Life	National Science Foundation	\$10,999,998	5.0
Liang, Di	EECS - ECE Division	FuSe2 Topic 2: Heterogeneous In-Package Photonics with Reconfigurable Optical Switching for AI Clusters (HEROIC-AI)	National Science Foundation	\$2,000,000	3.0

National Institutes of Health

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Mariani, Laura	MM Int Med-Nephrology	CureGN	Health and Human Services, Department of-National Institutes of Health	\$6,999,999	4.8
Gudjonsson, Johann	MM Dermatology Department	University of Michigan Skin Biology and Diseases Resource-based Center	Health and Human Services, Department of-National Institutes of Health	\$3,603,610	4.8
Lin, Allison	MM Psych Substance Abuse	Evaluating real-world effectiveness of tele-buprenorphine: A mixed-methods study to develop clinical guidance	Health and Human Services, Department of-National Institutes of Health	\$3,456,294	4.8

Top Monthly Awards

Department of Defense

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Narla, Goutham	MM Int Med-Genetic Medicine	Therapeutic modulation of the Serine/Threonine Phosphatase PP2A for the treatment of uterine serous cancers (USC) and uterine carcinosarcomas (UCS)	Defense, Department of-Army, Department of the	\$1,555,176	3.0
Mi, Zetian	EECS - ECE Division	CMOS compatible, defect-free universal growth of III-N and III-V multilayer heterostructures on Si (001)	Defense, Department of-Defense Advanced Research Projects Agency	\$1,440,538	1.5
Narla, Goutham	MM Int Med-Genetic Medicine	Therapeutic modulation of the Serine/Threonine Phosphatase PP2A to prevent resistance to MAPK inhibitor therapy in NSCLC	Defense, Department of-Army, Department of the	\$1,390,569	3.0

Department of Energy

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Poudeu-Poudeu, Pierre	Materials Science & Engin.	Coherent CdTe/ZnTe heterostructures for highly efficient CdTe bifacial PV devices	Energy, Department of	\$250,000	1.4
Akhoury, Ratindranath	LSA Physics	Applications of quantum information tools in quantum field theory	Energy, Department of	\$45,480	0.9
Zuo, Lei	Naval Arch & Marine Dept	HCC 2025 Hydropower Collegiate Competition prize	Energy, Department of	\$5,000	1.0

Top Monthly Awards

Industry

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Gudjonsson, Johann	MM Dermatology Department	5634-Gudjonsson DERM 792 Eli Lilly Eli Lilly and Almirall Lebrikizumab Mechanistic Study	Dermira, Inc.	\$7,922,220	1.9
Gardner, Thomas	MM Ophthal. & Visual Science	MTM Vision Consortium Operating Agreement	Boehringer Ingelheim Pharmaceuticals, Inc.	\$3,000,000	15.0
Kretzler, Matthias	MM Int Med-Nephrology	Sanofi - NEPTUNE MATCH Public Private Partnership	Sanofi S.A.	\$2,295,000	5.0

Foundations

Principal Investigator	Department	Award Title	Sponsor	Award Sponsor Total	Estimated Award Duration (years)
Nakamura, Lisa	LSA Digital Studies Institute	DISCO (Digital Inquiry, Speculation, Collaboration, and Optimism) Network 2.0	The Andrew W. Mellon Foundation	\$2,983,000	3.0
Ball, Deborah	MARSAL EDUC - Ed Studies	TeachingWorks: Product Features Guideline Development	Bill and Melinda Gates Foundation	\$748,002	1.9
Shaefer, Luke	Poverty Solutions at U-M	Rx Kids: Prenatal and Infant Allowances in Flint, MI	Doris Duke Foundation for Islamic Art (DDFIA)	\$392,450	2.9



U-M RESEARCH AWARD AND EXPENDITURES REPORT

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U-M RESEARCH AWARD AND EXPENDITURES REPORT
FISCAL YEAR 2024

This brief report summarizes the overall trends in grant and contract activity across all three campuses of the University of Michigan in Fiscal Year 2024, which ended June 30. A full report with audited research metrics from FY24 will be released this fall.

Total research expenditures for FY24 totaled \$2.04 billion, which is up 9.9% when compared to FY23 and marks **the first time the university's annual research expenditures have exceeded \$2 billion.**

The value of our research submissions increased 9.6% when compared to FY23, while the value of new research awards from external sponsors increased 16.1%.

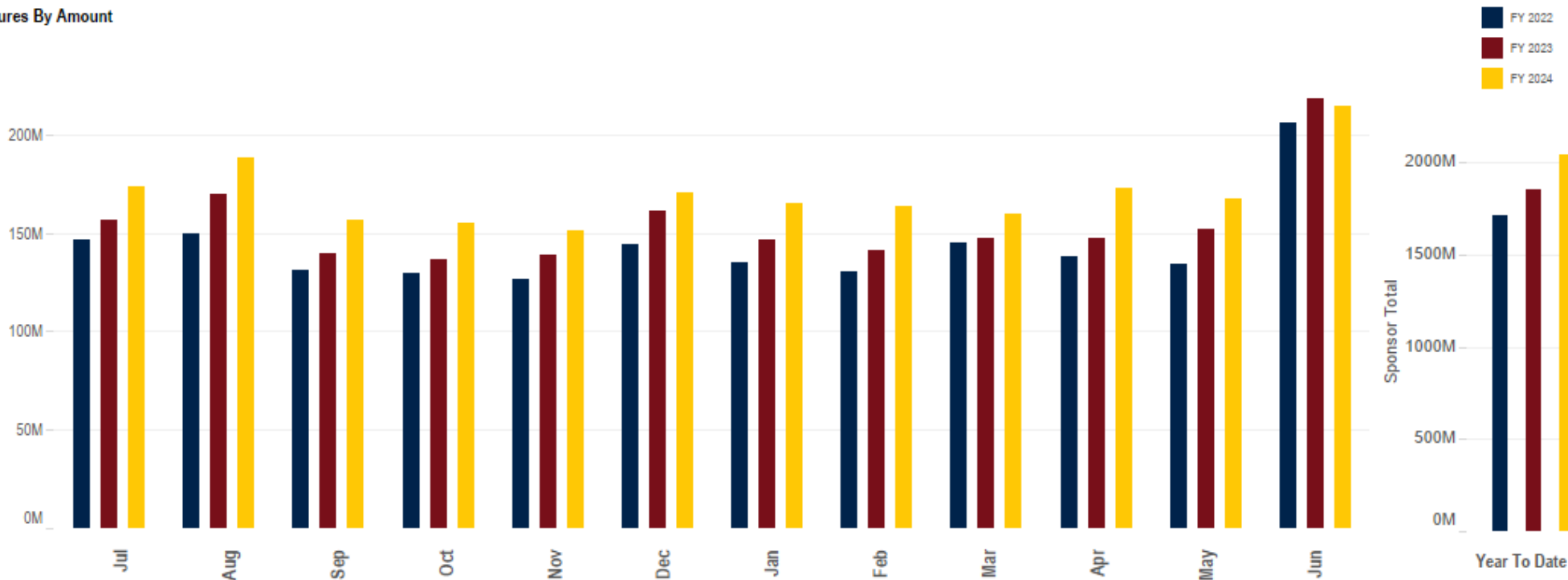
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Expenditures

Expenditures By Amount



Year to Date

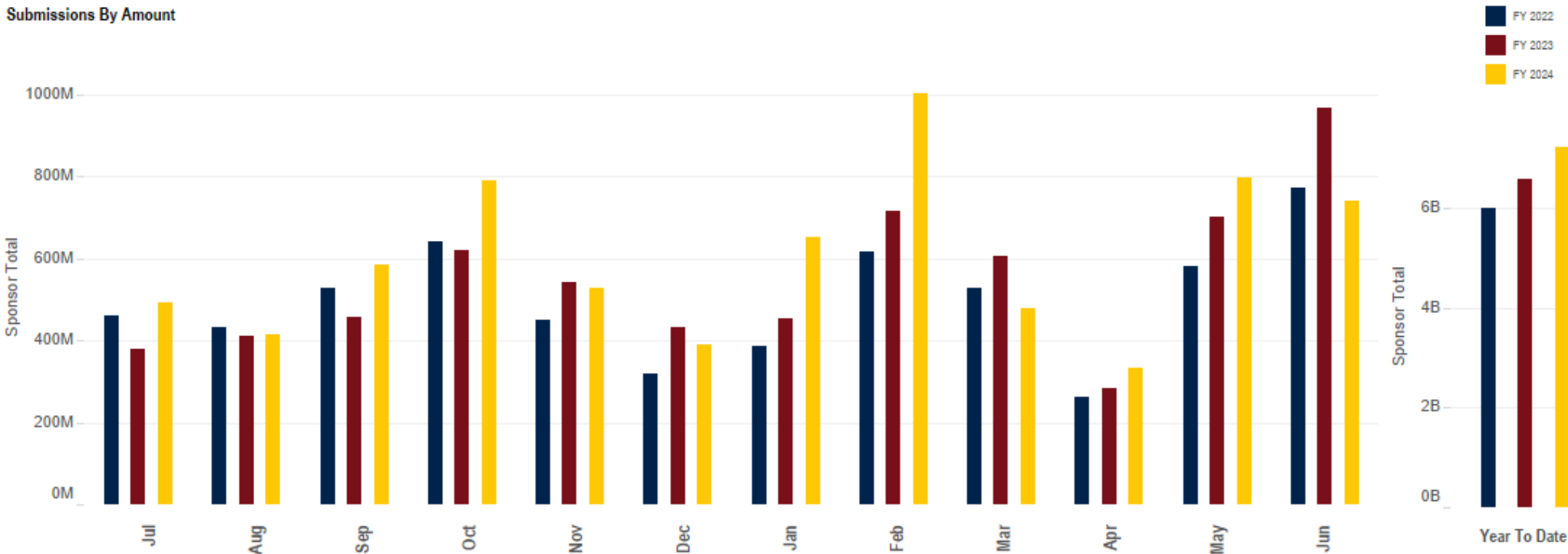
FY22: \$1,717,552,618

FY23: \$1,857,103,345

FY24: \$2,040,682,687

Submissions by Amount

Submissions By Amount



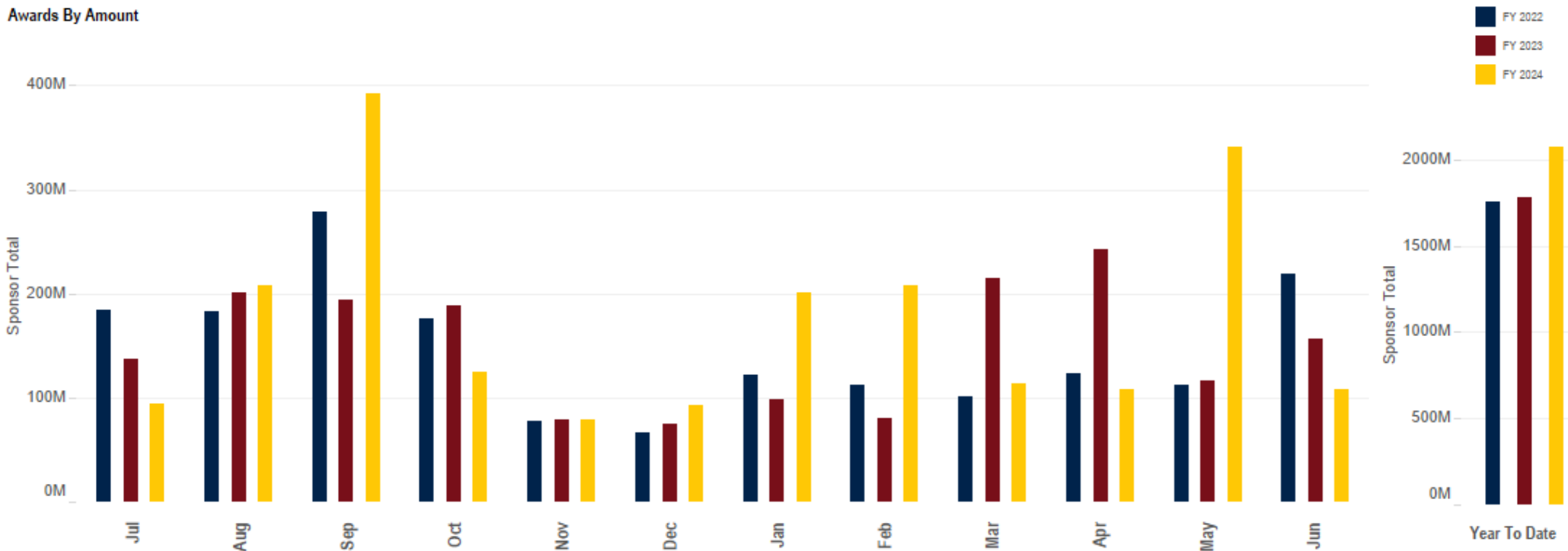
Year to Date

FY22: \$5,981,550,616

FY23: \$6,573,964,413

FY24: \$7,206,716,398

Awards by Amount



Year to Date

FY22: \$1,755,213,704

FY23: \$1,783,028,204

FY24: \$2,069,332,379