



Research Data Fiscal Year 2021-22 (FY 2022) WMU Office of Research and Innovation

Executive Summary

FY 2022 vs FY 2021

Proposal Submissions

- **16.0% increase** in number of proposal submissions
- **28.9% increase** in value of proposal submissions
 - FY 2022 is the highest year on record, based on data available since FY 2010.

Awards

- No change in number of awards
- 2.92% decrease in value of awards

Expenditures

- 3.3% increase in expenditures
- **2.6% point increase** in F&A percentage

NOTE: Higher Education Emergency Relief Funding (HEERF) of \$21.8M and Miller Auditorium Shuttered Venue Grant of \$4.7M are excluded from the data and reporting.

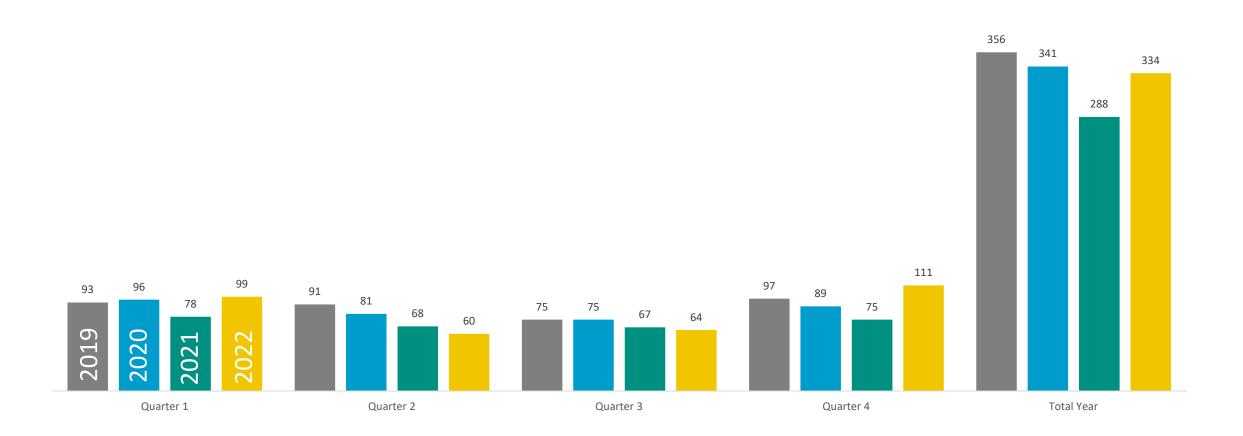


Proposal Submissions

Number of Proposal Submissions

The number of proposal submissions increased 16.0% in FY 2022.

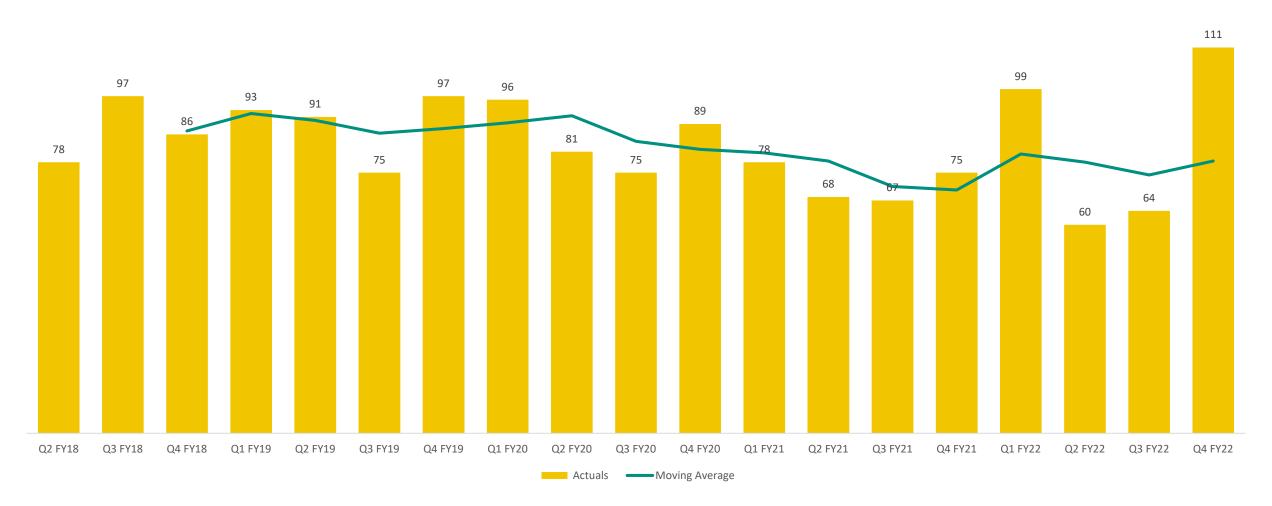
Year-over-Year Comparison



Number of Proposal Submissions

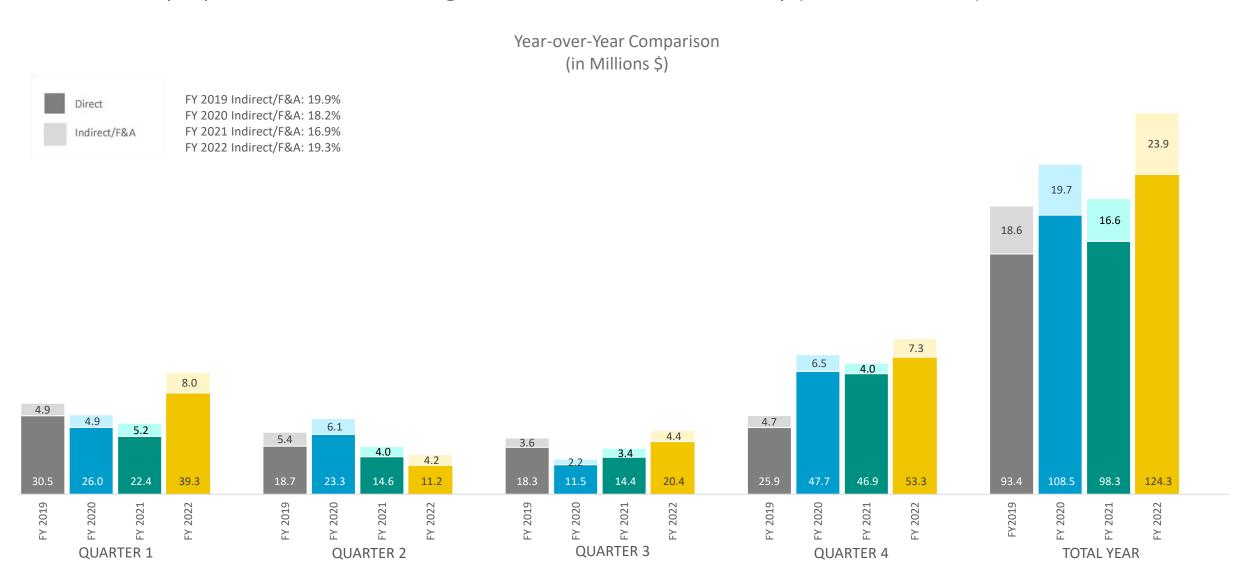
The moving average is starting to trend back up towards pre-pandemic numbers.

Rolling Quarterly Four-Year Average



Value of Proposal Submissions

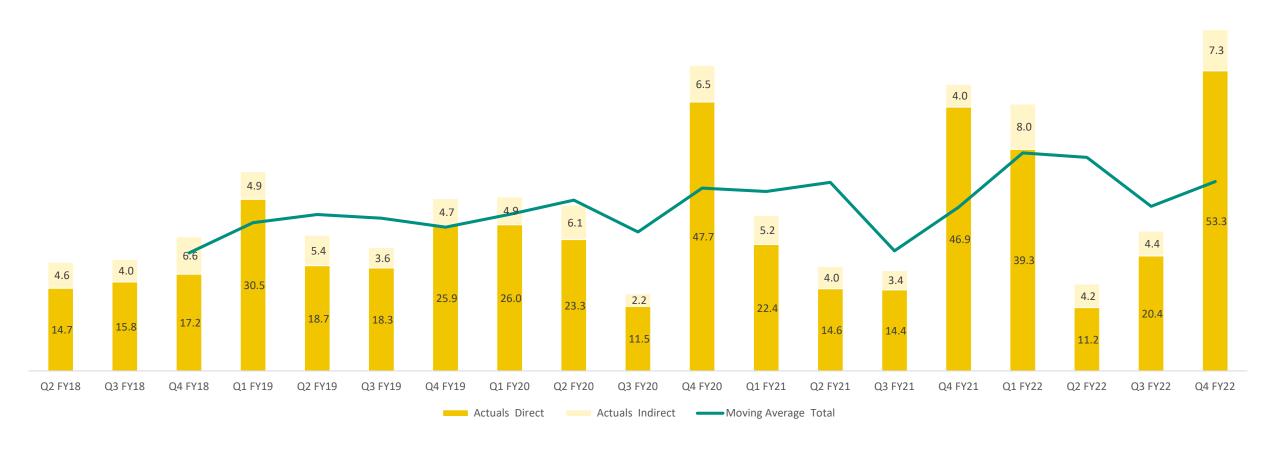
FY 2022 proposal values are the highest in recent recorded history (back to FY 2010).



Value of Proposal Submissions

The value of proposal submissions in Q4 FY 2022 was the highest across the past five years...

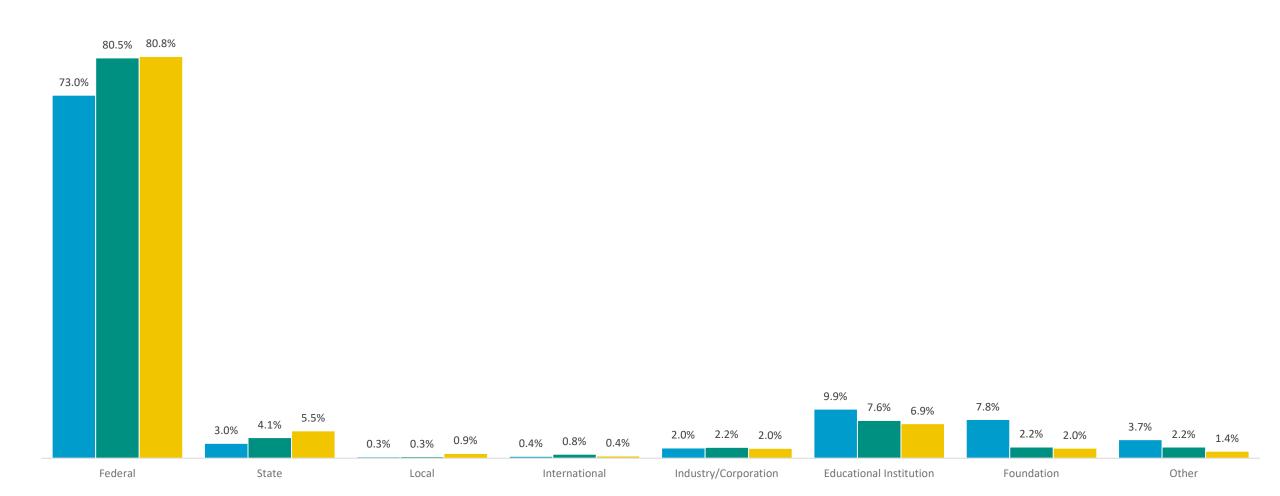
Rolling Quarterly Four Year Average (In Millions \$)



Proposal Sponsors

Federal agencies continue to be the dominant sponsor type.

Percentage of Proposal Submission Value by Sponsor Type



Submissions to Federal Sponsors

U.S. Department of Education led as top Federal Sponsor in proposal value in FY 2022 while **National Science Foundation** had the greatest number of proposal submissions.

Top 10 Federal Funding Sources

U.S. Department of Education	\$50,393,259	13 Proposals Submitted
National Science Foundation	\$44,324,156	50
U.S. Department of Health and Human	\$9,877,337	13
Office of Special Education & Rehabilitative Services	\$3,749,090	3
U.S. Department of Justice	\$2,124,214	3
U.S. Department of Energy	\$1,289,556	3
National Aeronautics and Space	\$1,266,237	4
National Institute of Standards and Technology	\$1,137,570	1
U.S. Department of Agriculture	\$997,444	3
Air Force Office of Scientific Research	\$961,690	2

Proposal Submissions

Submissions by the College of Education and Human Development had the highest dollar value, while the College for Engineering and Applied Sciences submitted the most proposals.

Proposal Submissions by College for FY 2022

College of Education and Human Development	\$53,923,579	25 Proposals Submitted
College of Arts and Sciences	\$44,055,981	97
College of Engineering and Applied Sciences	\$27,667,168	104
College of Health and Human Services	\$10,301,215	73
Provost and Vice President for Academic Affairs	\$3,552,508	7
Vice President for Research	\$3,182,516	15
Vice President for Diversity & Inclusion	\$2,357,602	1
Haworth College of Business	\$1,455,456	4
Vice President for Business and Finance	\$1,041,400	2
College of Aviation	\$587,720	3
Office of the President	\$93,000	1
College of Fine Arts	\$26,112	1
Vice President for Student Affairs	\$1,575	1

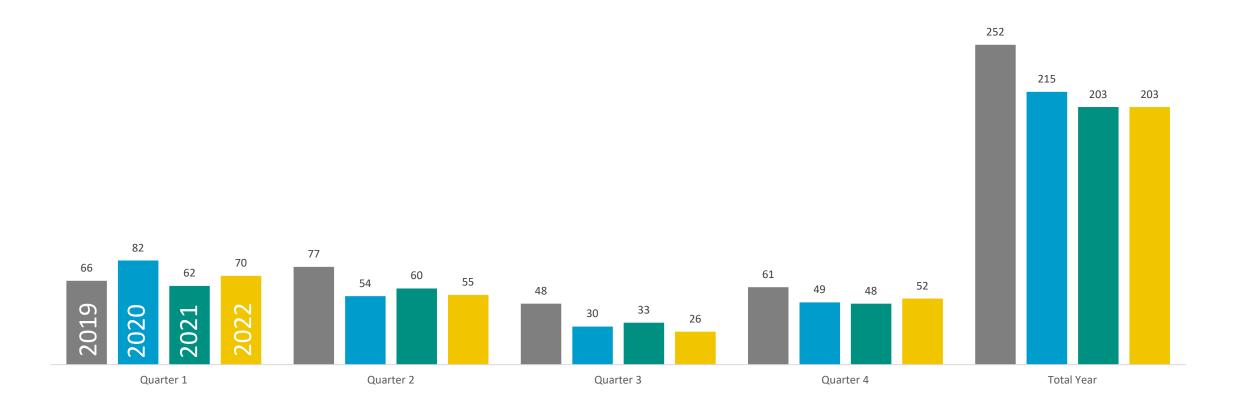


Awards

Number of Awards

The number of awards in FY 2022 equals the award numbers in FY 2021.

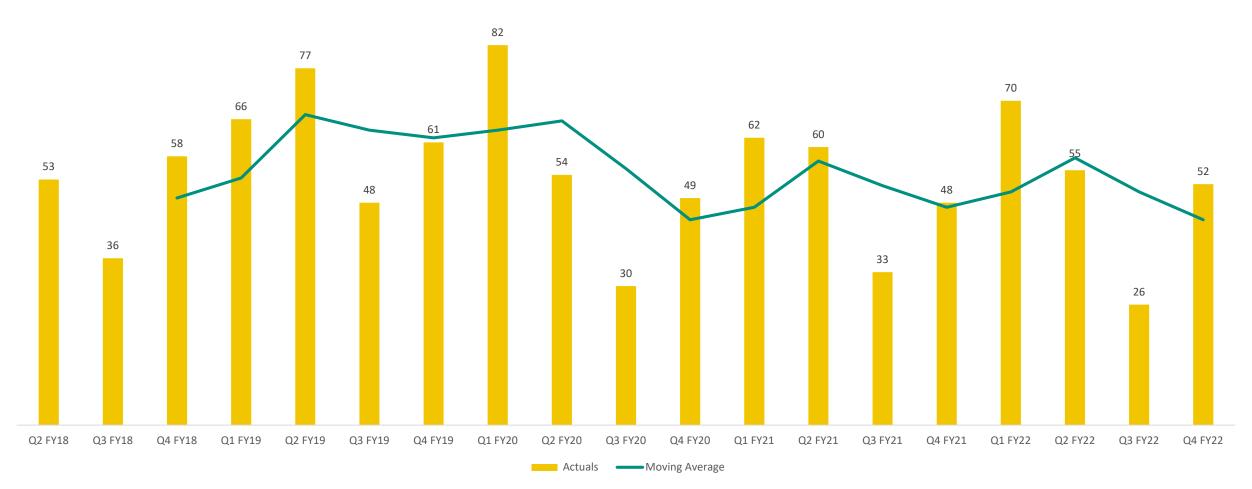
Year-over-Year Comparison



Number of Awards

The trend line shows decreasing numbers.

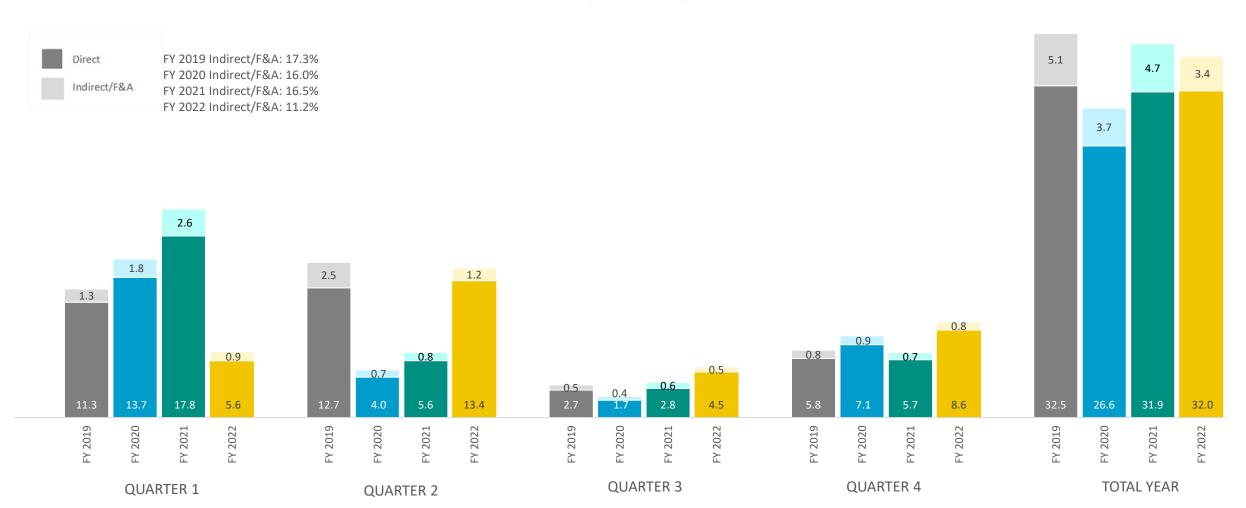




Value of Awards

The direct value of awards in FY 2022 is slightly higher than FY 2021, however, the Indirect/F&A amount and percentage have declined.

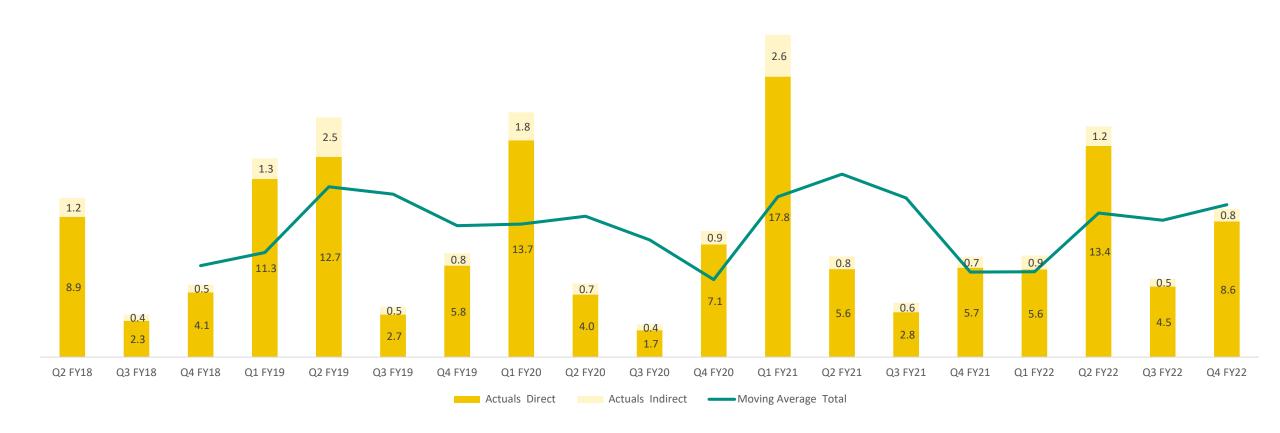
Year-over-Year Comparison (in Millions \$)



Value of Awards

The recent moving average is trending upward for FY 2022.

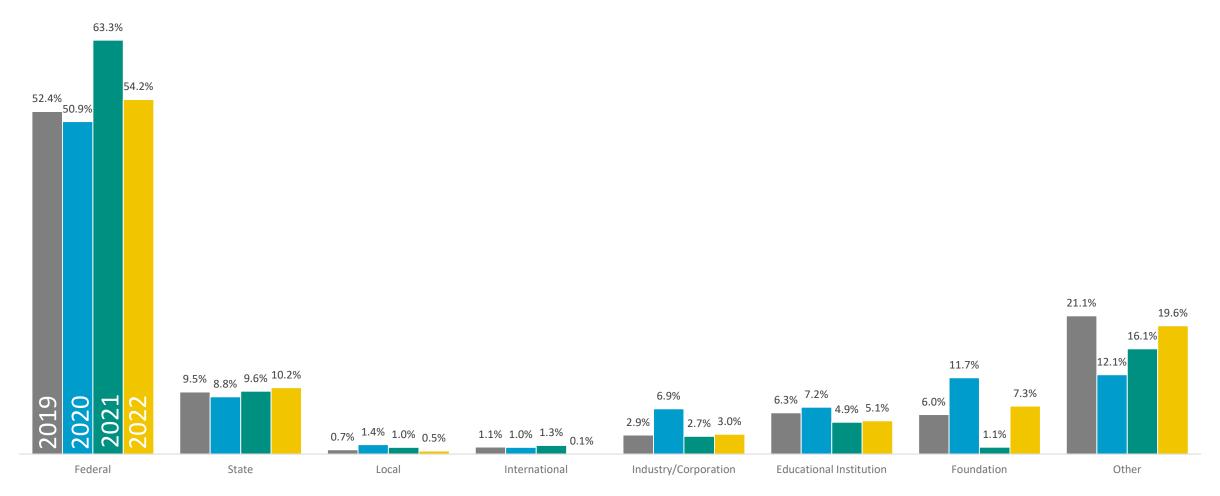
Rolling Quarterly Four Year Average (In Millions \$)



Award Sponsors

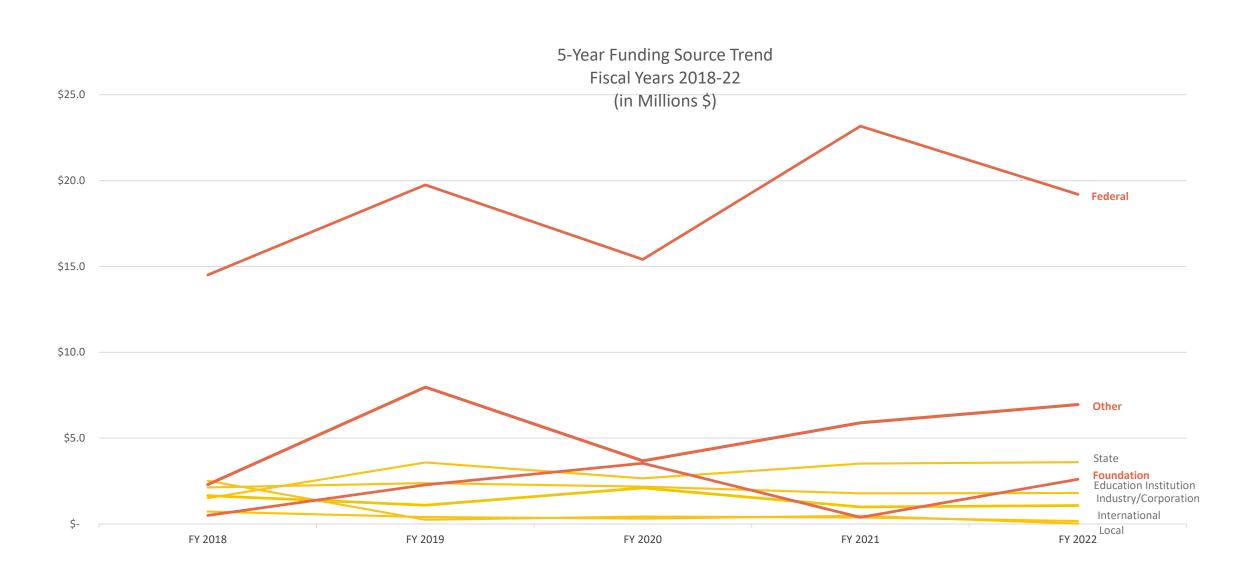
Awards are predominately from Federal sponsors with an recent increase in awards by Foundation sponsors.





Award Sponsors

Awards are still predominately from Federal sponsors. FY 2022 saw growth in Foundation and Other sponsors.



Award Sponsors

The value of awards from Foundation and Other sponsors increased in FY 2022. Federal awards saw a decline from FY 2021. Most other funding sources stayed steady.

Note: FY2019 numbers include some federal and state awards that covered multiple years (i.e., an entire \$5 million award received upfront rather than in annual increments).

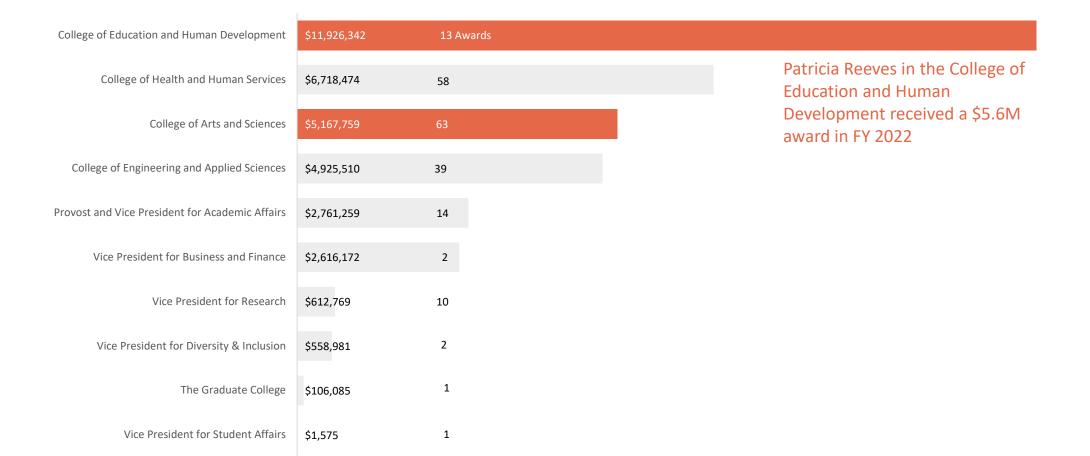
in millions

Sponsor Type	FY 2018	FY 2019	FY 2020	FY 2021	FY 2022
Federal	\$ 14.5	\$ 19.8	\$ 15.4	\$ 23.2	\$ 19.2
State	\$ 1.5	\$ 3.6	\$ 2.7	\$ 3.5	\$ 3.6
Local	\$ 2.5	\$ 0.2	\$ 0.4	\$ 0.4	\$ 0.2
International	\$ 0.7	\$ 0.4	\$ 0.3	\$ 0.5	\$ 0.0
Industry/Corporation	\$ 1.6	\$ 1.1	\$ 2.1	\$ 1.0	\$ 1.1
Educational Institution	\$ 2.1	\$ 2.4	\$ 2.2	\$ 1.8	\$ 1.8
Foundation	\$ 0.5	\$ 2.3	\$ 3.5	\$ 0.4	\$ 2.6
Other	\$ 2.3	\$ 8.0	\$ 3.7	\$ 5.9	\$ 7.0
Total	\$ 25.8	\$ 37.7	\$ 30.3	\$ 36.6	\$ 35.4

Award Recipients

The College of Education and Human Development received the greatest amount of funding. The College of Arts and Sciences received the highest number of awards.

Value and Number of Awards by College for FY 2022



Top Award Recipients

Patricia Reeves received a \$5.6M award for the "Grand Rapids Southeast Promise Neighborhood Project (GRSEPNP)" from the U.S. Department of Education along with \$1.7M for the "High Impact Leadership SEED Grant."

PI	College/Unit	Depart m ent	Award Totals
Reeves,Patricia	College of Education and Human Development	Ed Leadership, Research & Tech	\$7,304,293
Asher,Zachary	College of Engineering and Applied Sciences	Mechanical & Aeronautical Engr	\$2,143,496
Li,Ming	College of Education and Human Development	Dean-College of Education	\$ 1,68 1,210
Bensley,Robert	College of Health and Human Services	School Interdisciplinary HIth	\$1,592,395
Carr,Erika	Provost and Vice President for Academic Affairs	Pre-College Program ming	\$1,437,344
Nelson,Regena	College of Education and Human Development	Teaching, Learning, Educ Studi	\$1,375,301
Perez,Andrea	College of Health and Human Services	Unified Clinics	\$1,136,589
Weller,Bridget	College of Health and Human Services	School of Social Work	\$955,282
Cisler,Ron	College of Health and Human Services	Dean-College-Hith & Human Svcs	\$843,604
Lem m er,Kristina	College of Engineering and Applied Sciences	Mechanical & Aeronautical Engr	\$712,546

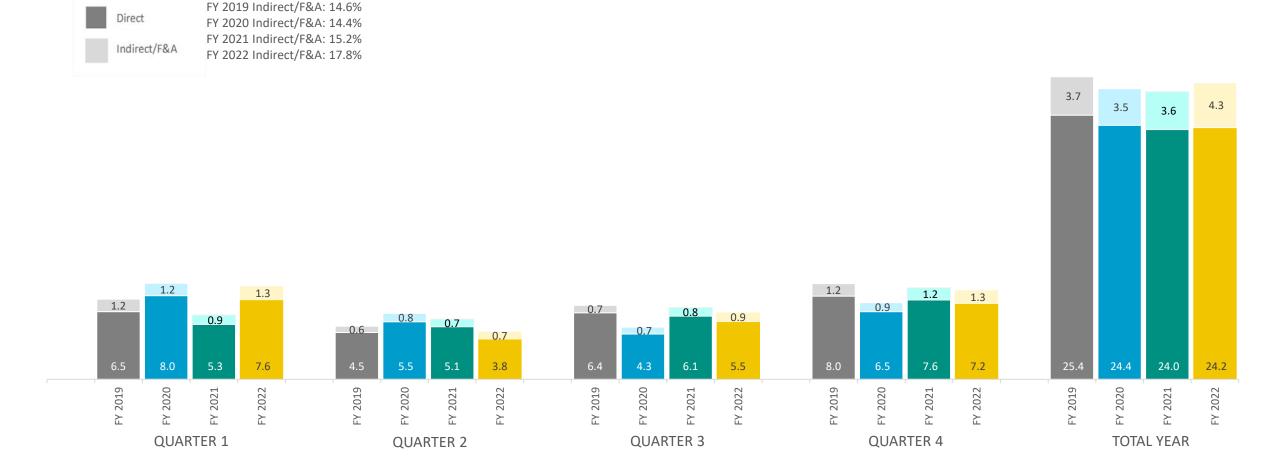


Expenditures

Expenditures

Expenditures in FY 2022 posted a modest increase of 3.3% over FY 2021. FY 2022 F&A percentage is up 2.6% points over the prior year.

Year-over-Year Comparison (in Millions \$)



Expenditures

The College of Arts and Sciences led in expenditures in FY 2022.

Expenditures by College for FY 2022

College of Arts and Sciences	\$6,162,667
College of Health and Human Services	\$5,655,286
College of Engineering and Applied Sciences	\$5,404,506
College of Education and Human Development	\$5,278,282
Provost and Vice President for Academic Affairs	\$2,582,496
Vice President for Research	\$2,252,536
Vice President for Diversity & Inclusion	\$599,959
Haworth College of Business	\$324,680
The Graduate College	\$92,652
College of Aviation	\$91,299
Merze Tate College	\$79,058
Vice President for Student Affairs	\$1,811