

FY21

Research Expenditure and Proposal Activities



Insights

Proposals ↑
15.4% Number of Proposals
22.3% Amount Requested

Awards ↑
24.4% Projected Award Amount

Expenditures ↑
\$203.1M Total Expenditures - NSF
\$114.3M Sponsored Expenditures

Comparison
UH's total research expenditures in
FY20 ahead of Texas Tech and Rice

Insights

Engineering

Leader in number of awards (105) and award amount (\$42.7M). Rise in research expenditures from \$33.8M to \$37.4M.

CLASS

Increase in number of awards (from 42 to 69) and total award amounts (from \$8.17M to \$29.7M)

Medicine

Increase in awards from \$480K (4 awards) to \$2.15M (12 awards)

Department Leaders

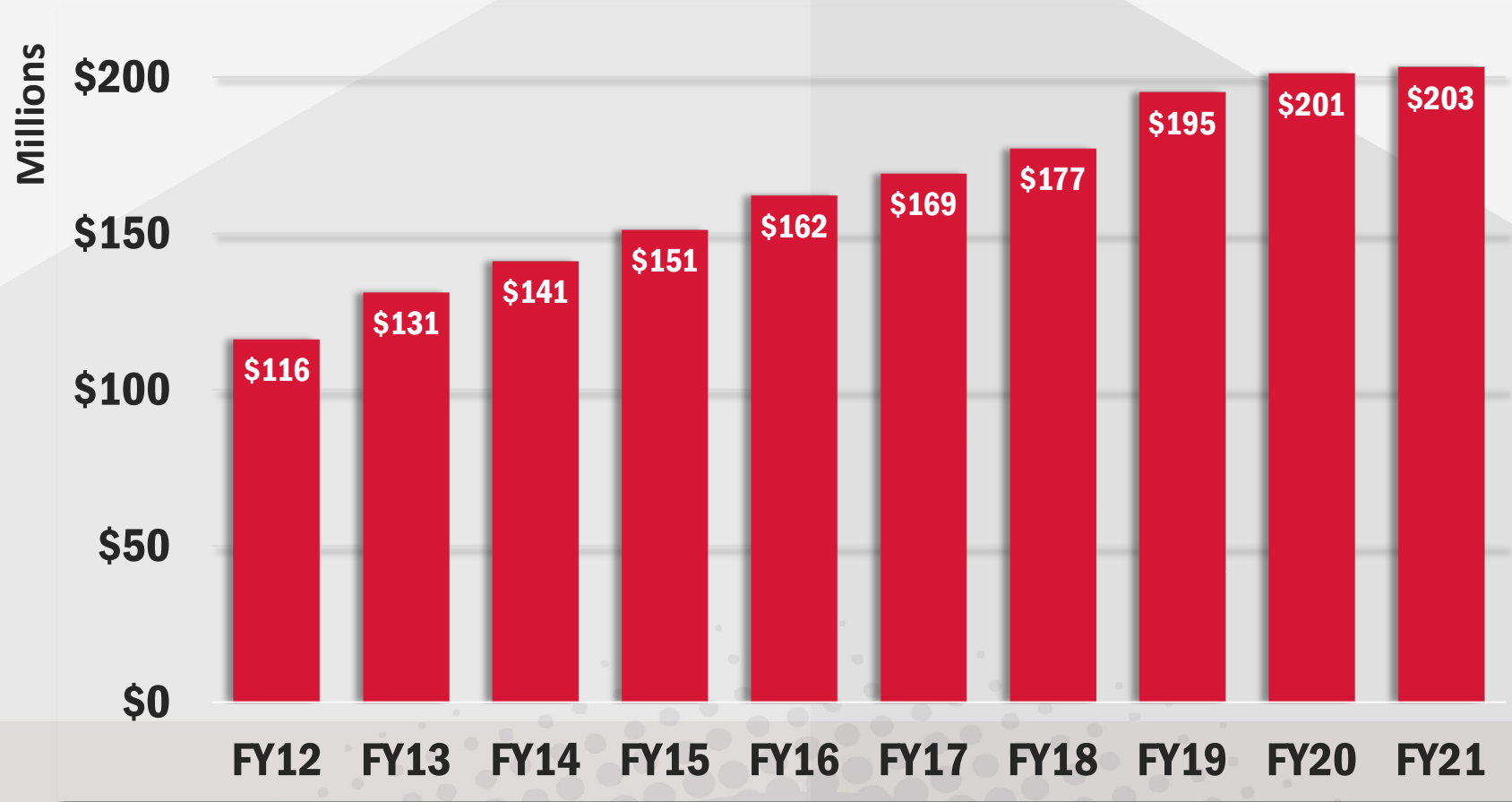
Leaders for research expenditure per ranked faculty:

Pharmacy \$295K

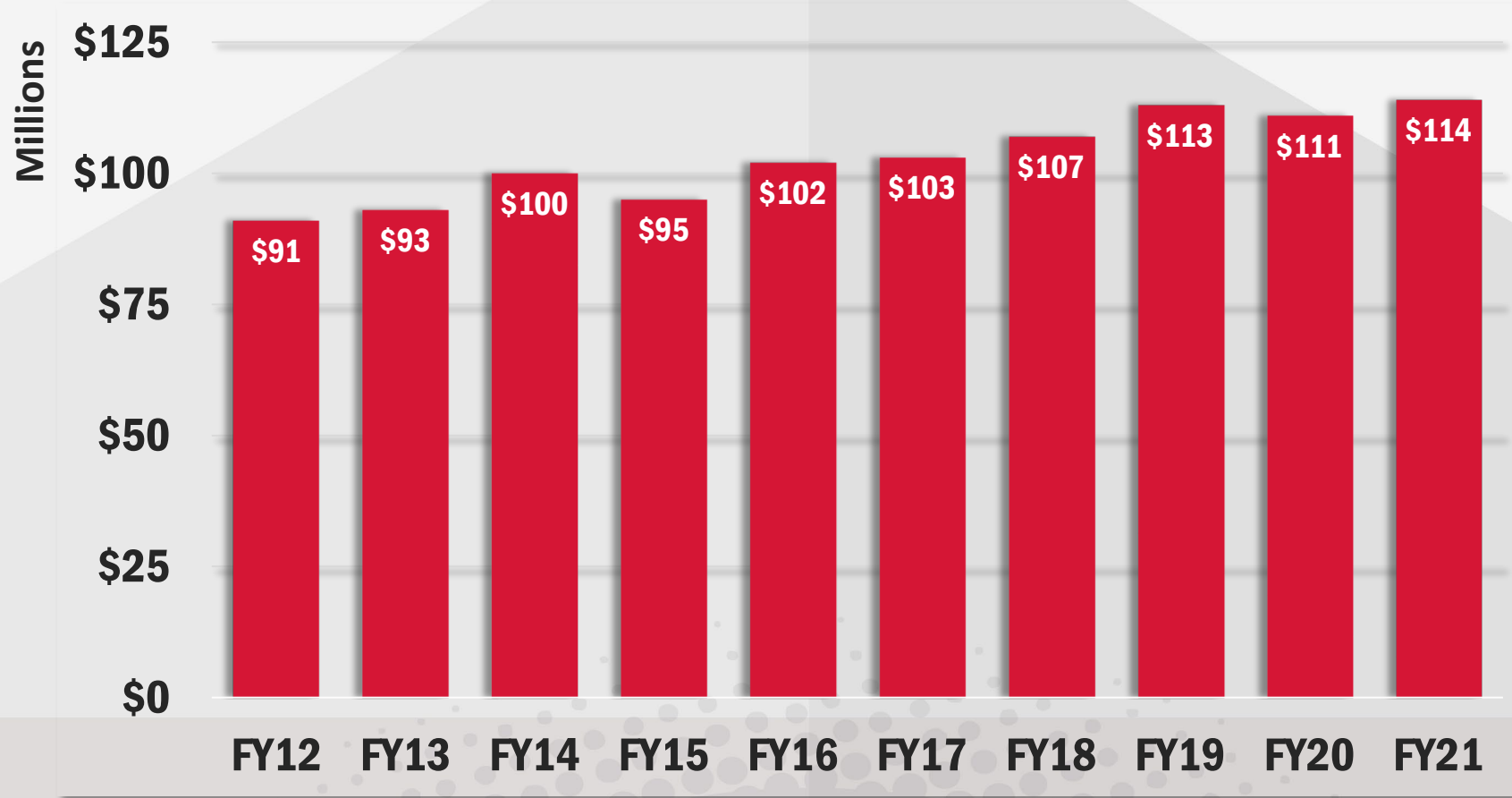
Engineering \$265K

Social Work \$193K

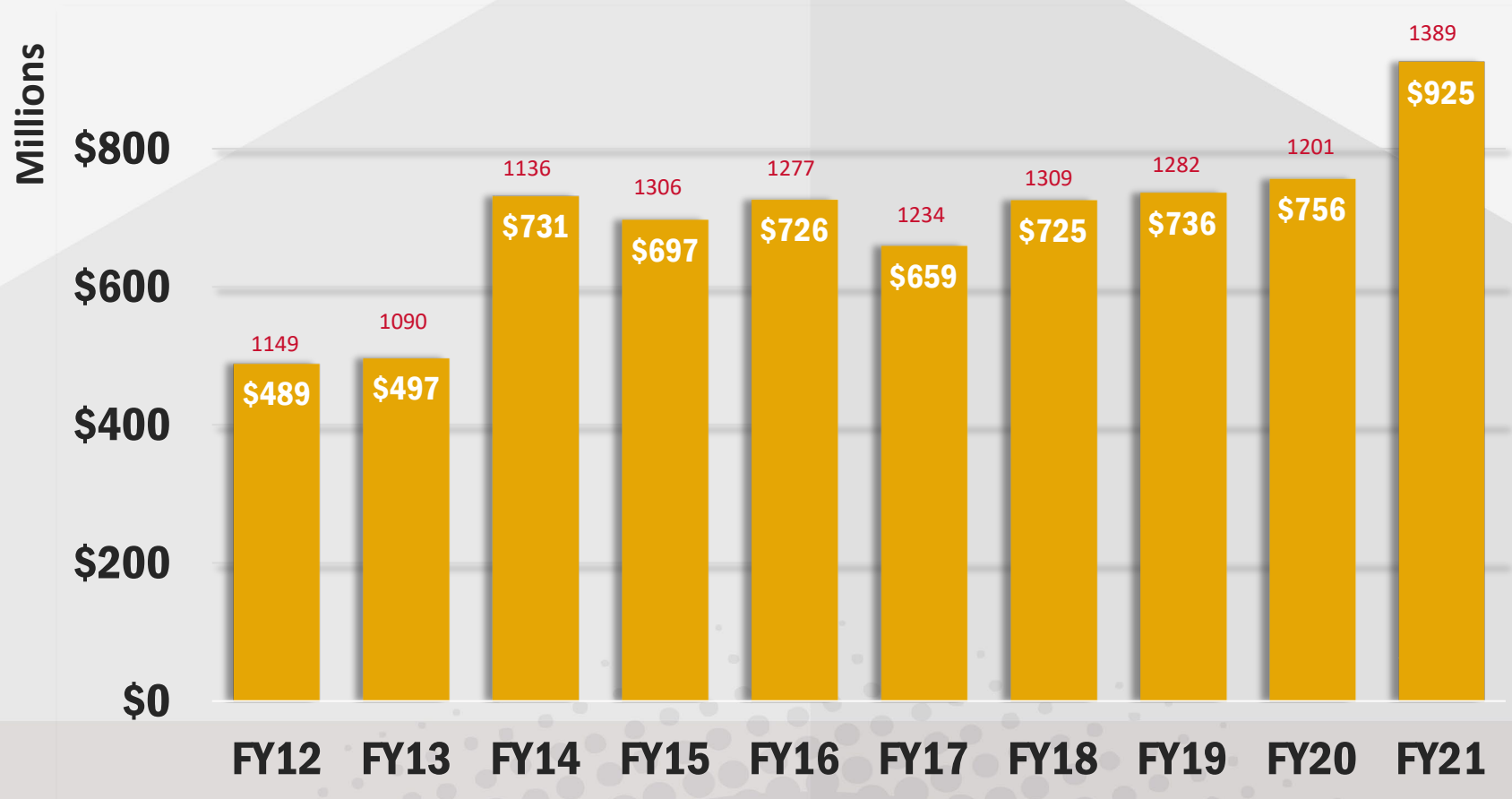
Total Research Expenditures – NSF-Reported



Sponsored Expenditures

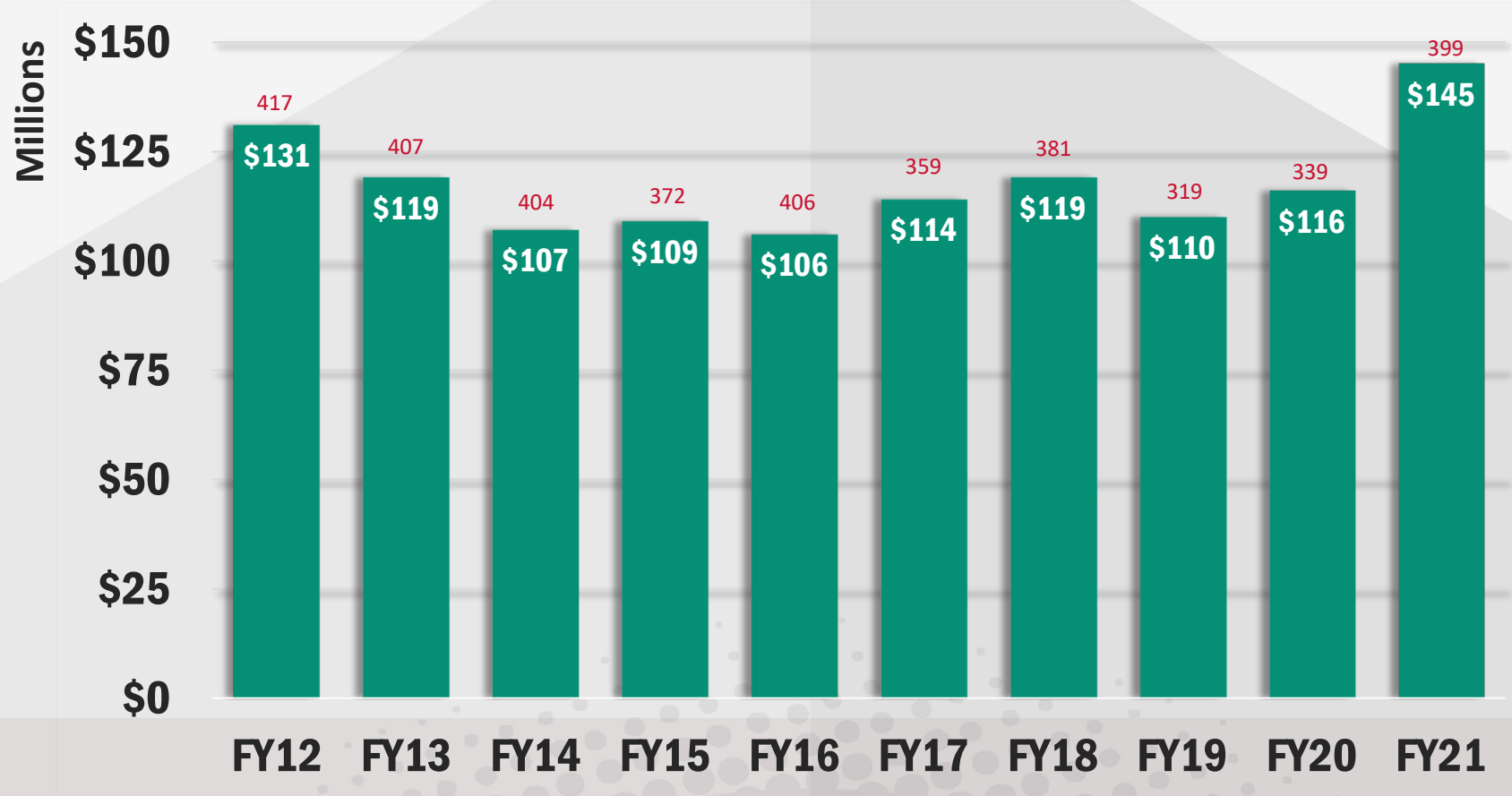


Total Funds Requested



Proposals Submitted

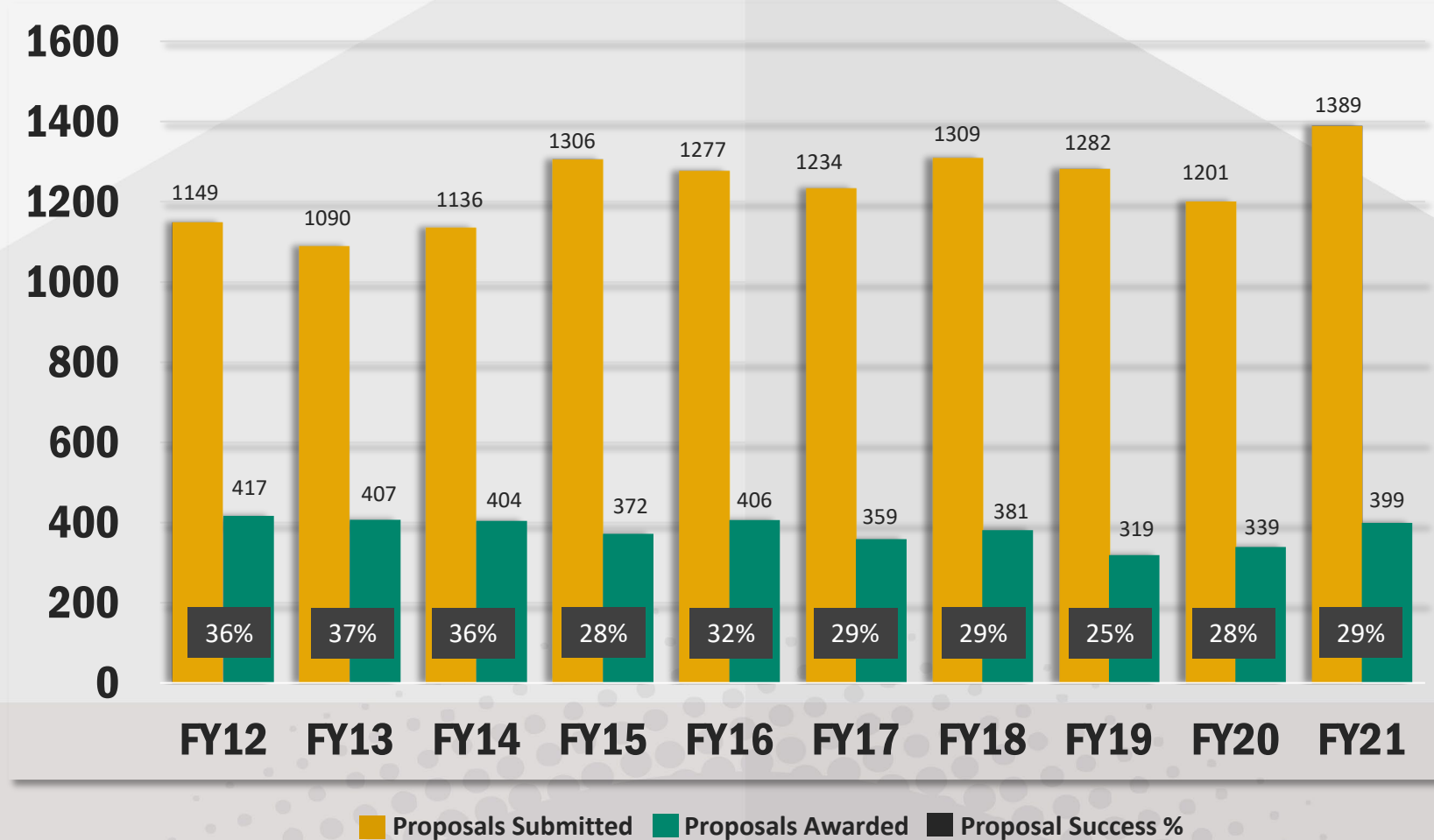
Total Projected Award Amount



Awards Received

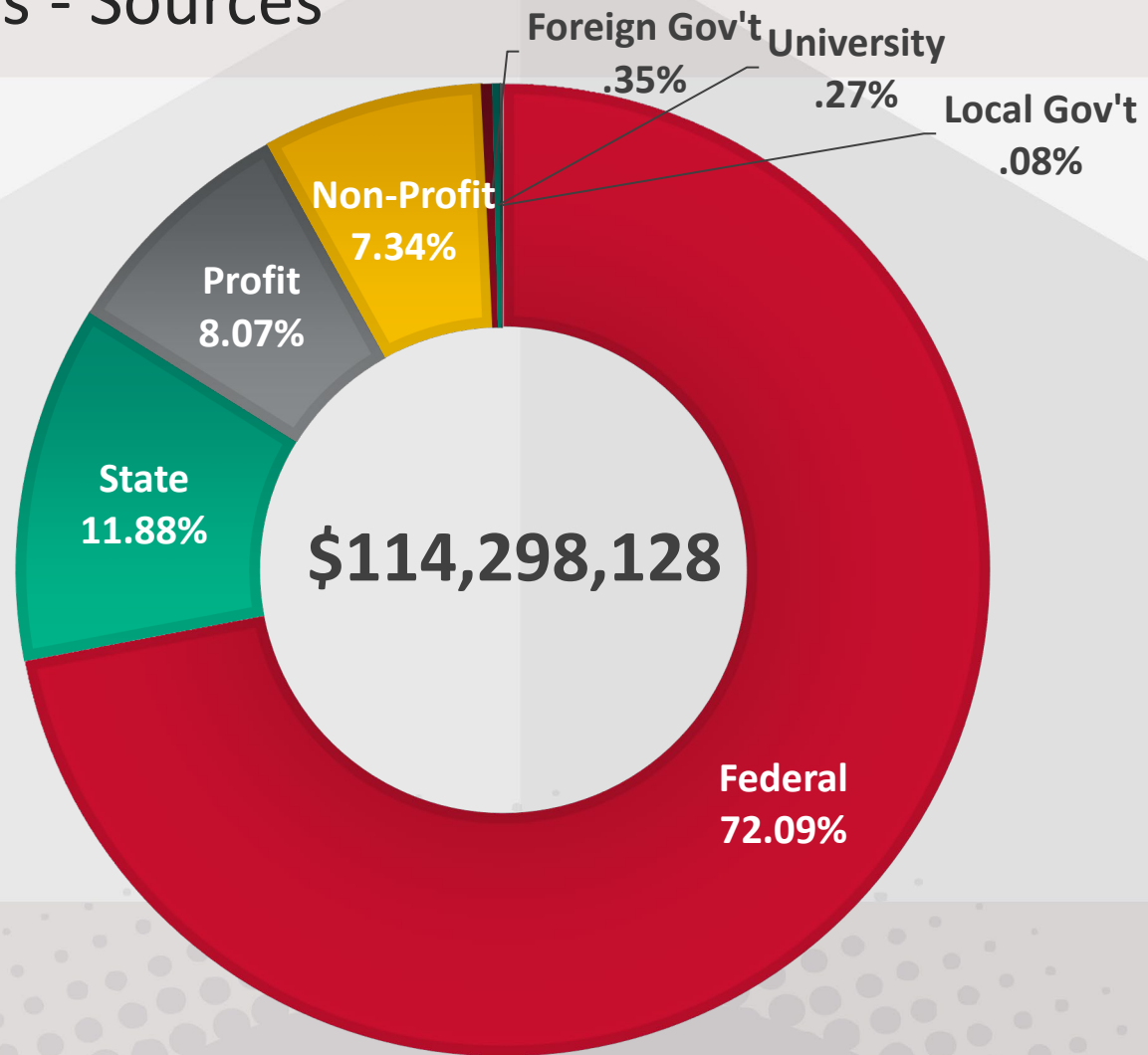
*Total amount received /projected to be received from funding agencies during the lifetime of the award.

Proposal Success



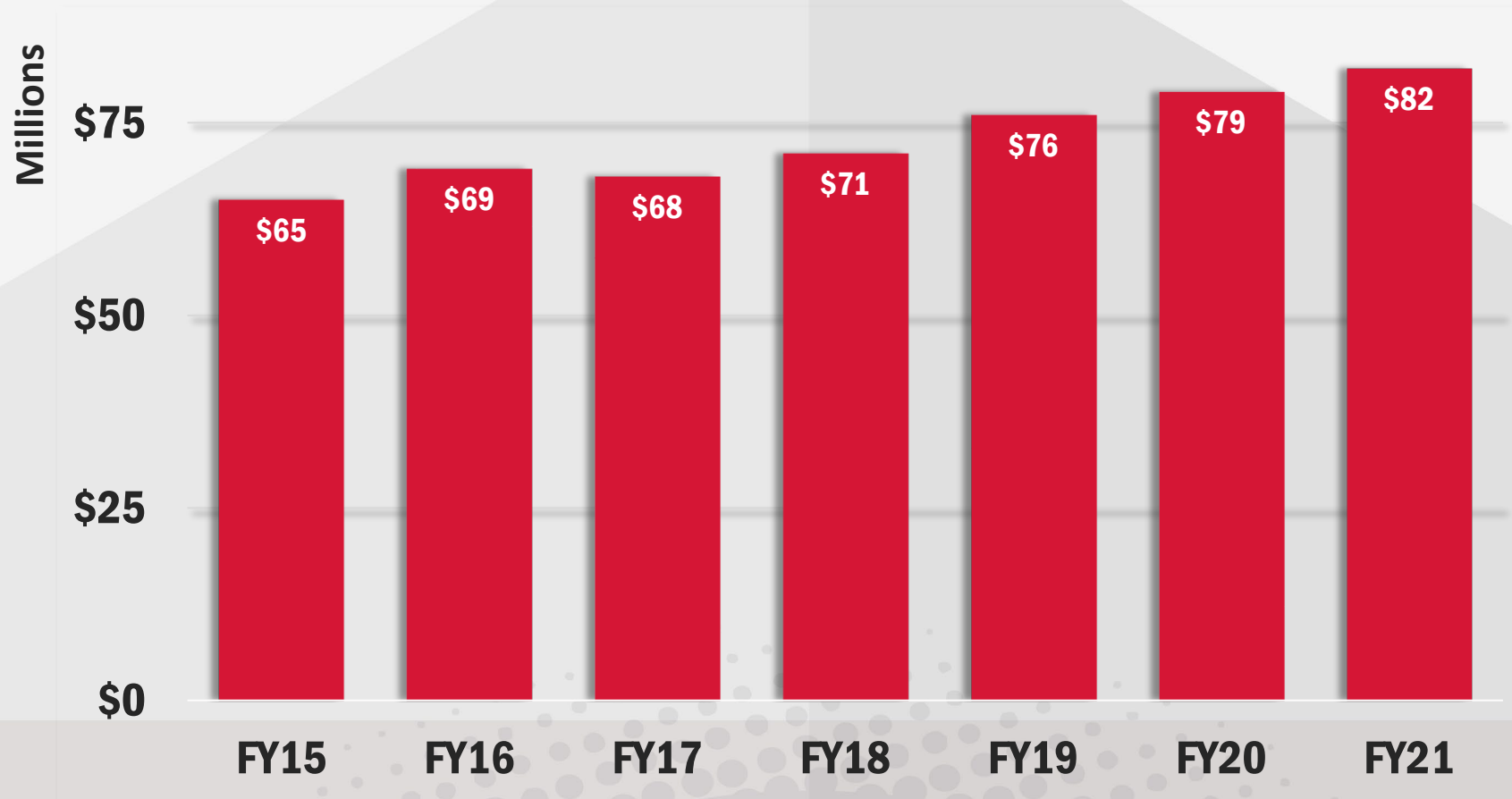
*Proposals submitted in FY19 may have been rewarded in FY20

Research Expenditures - Sources

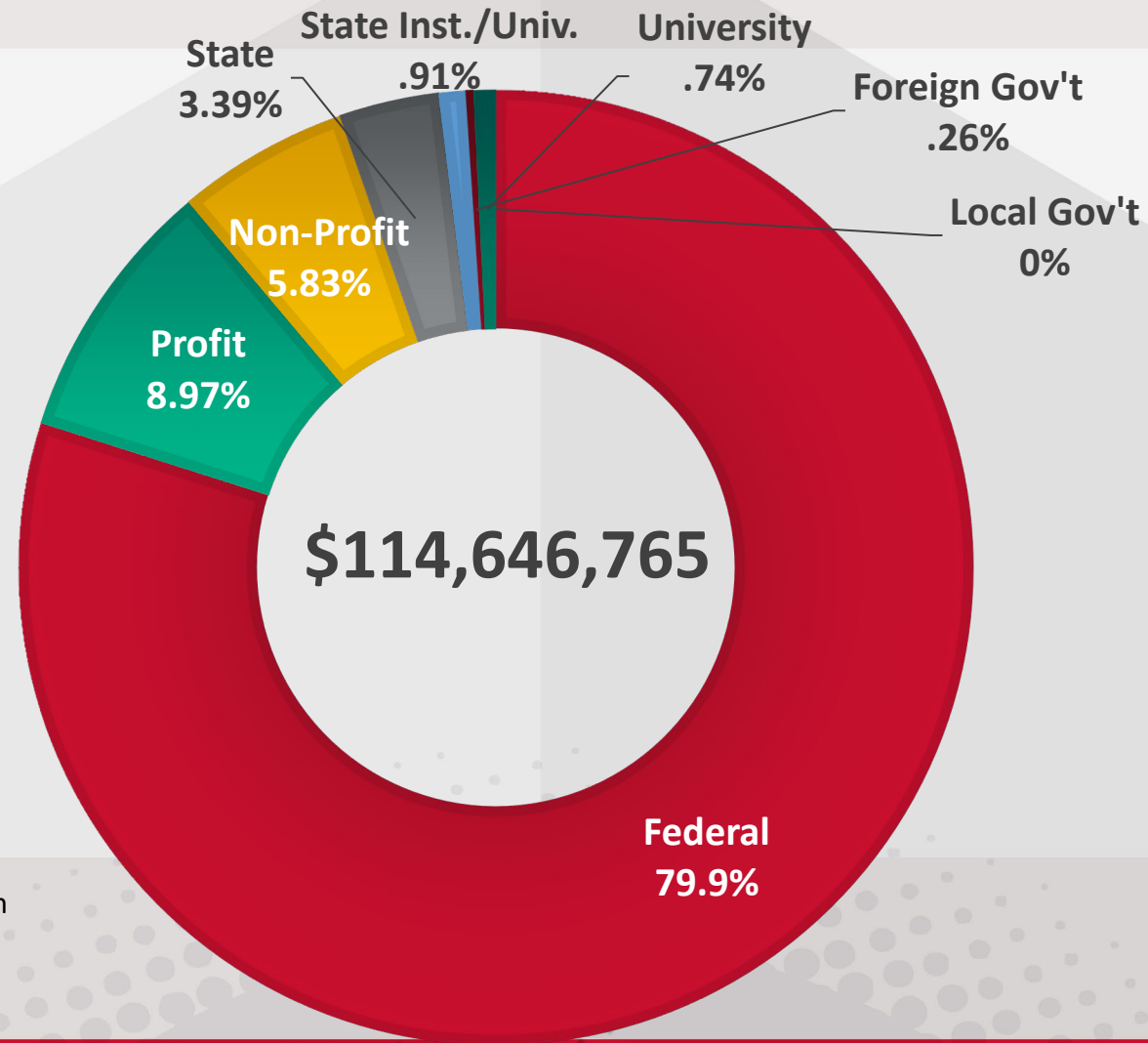


*Total amount expended in projects funded through external sources

Federal Expenditures

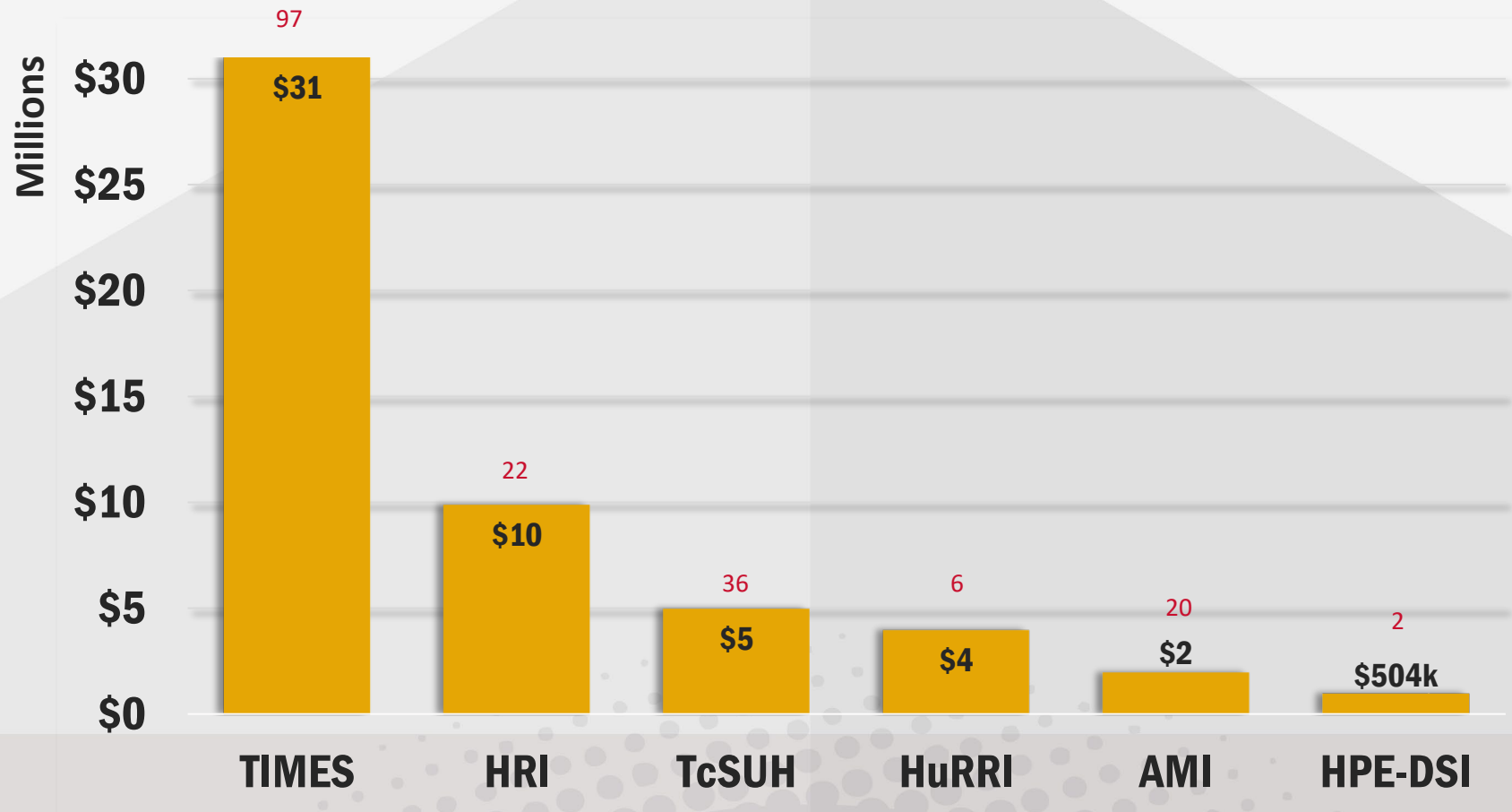


Research Awards - Sources



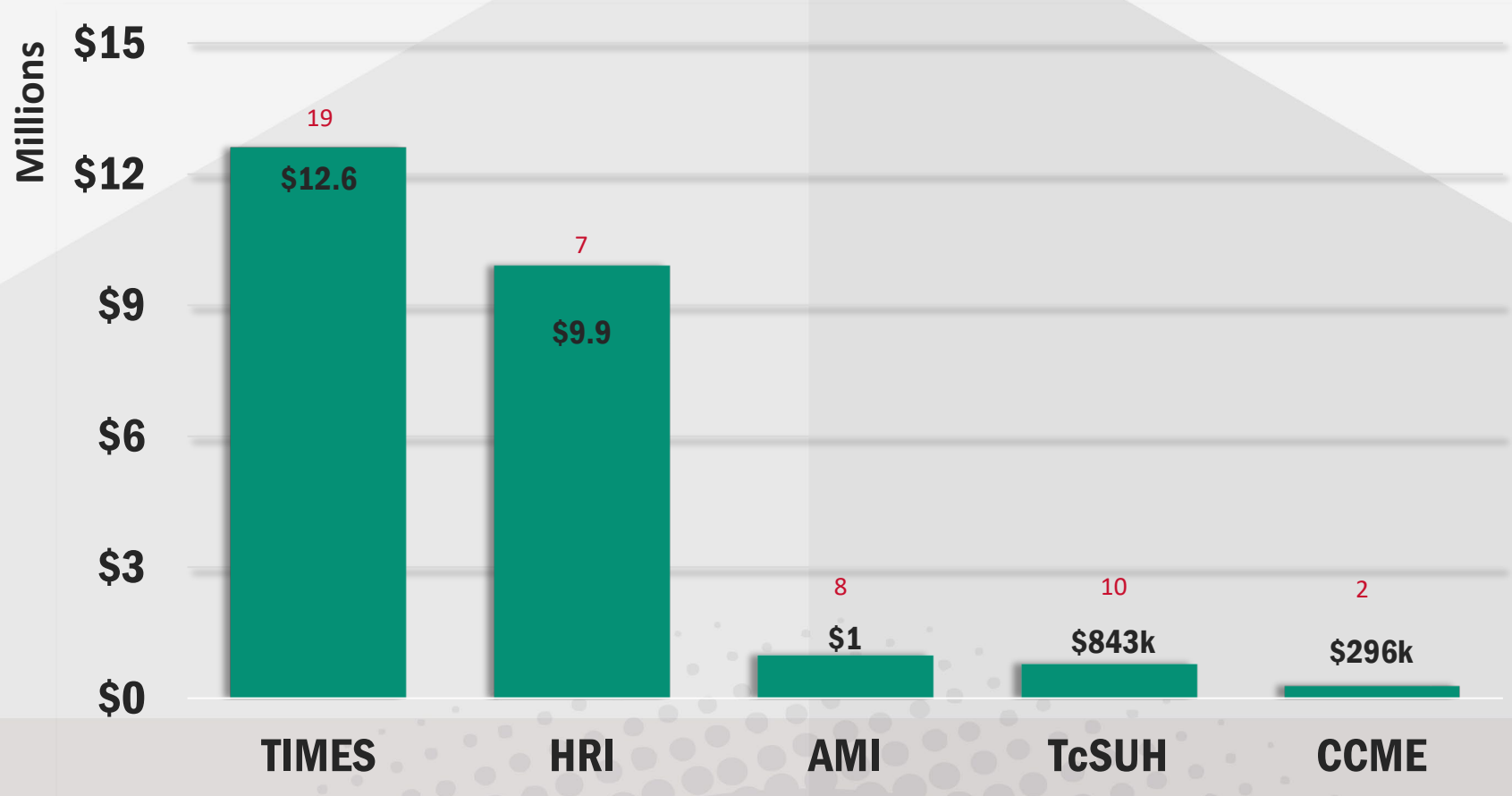
*Total amount received/projected to be received from funding agencies during the lifetime of the award

DOR Centers – FY21 Proposals



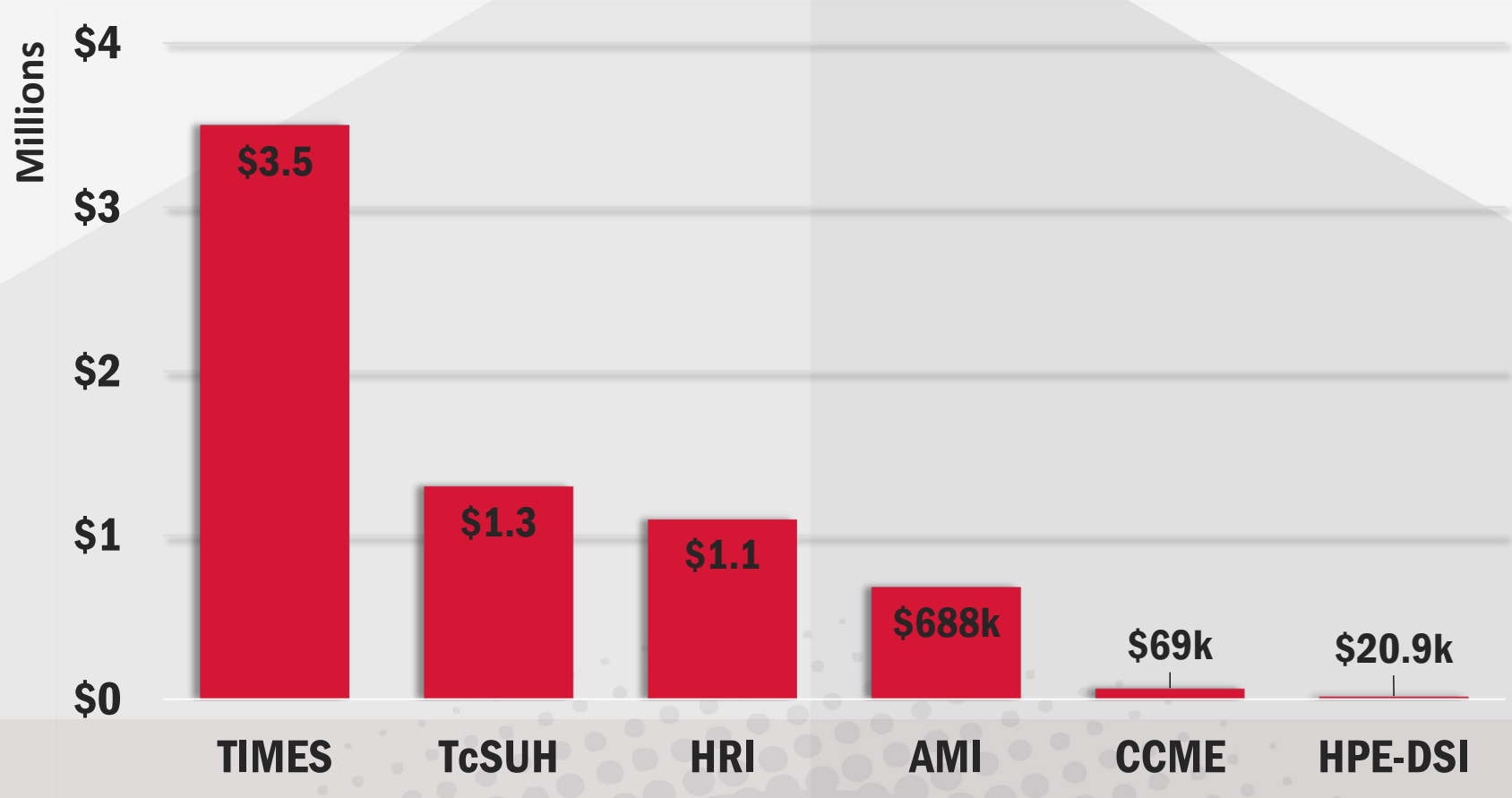
Proposals Submitted

DOR Centers – FY21 Awards



Awards Received

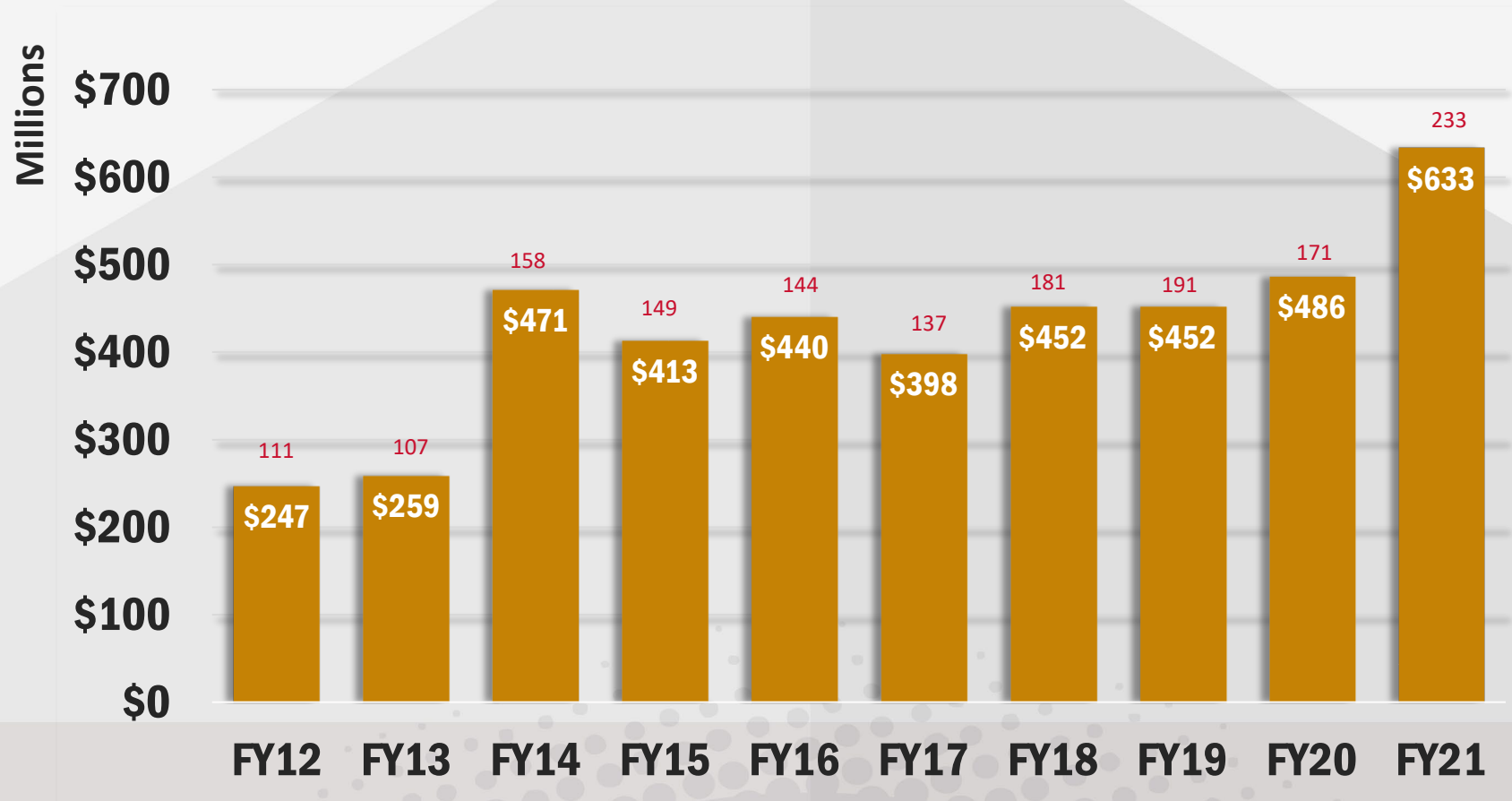
DOR Centers – FY21 Expenditures





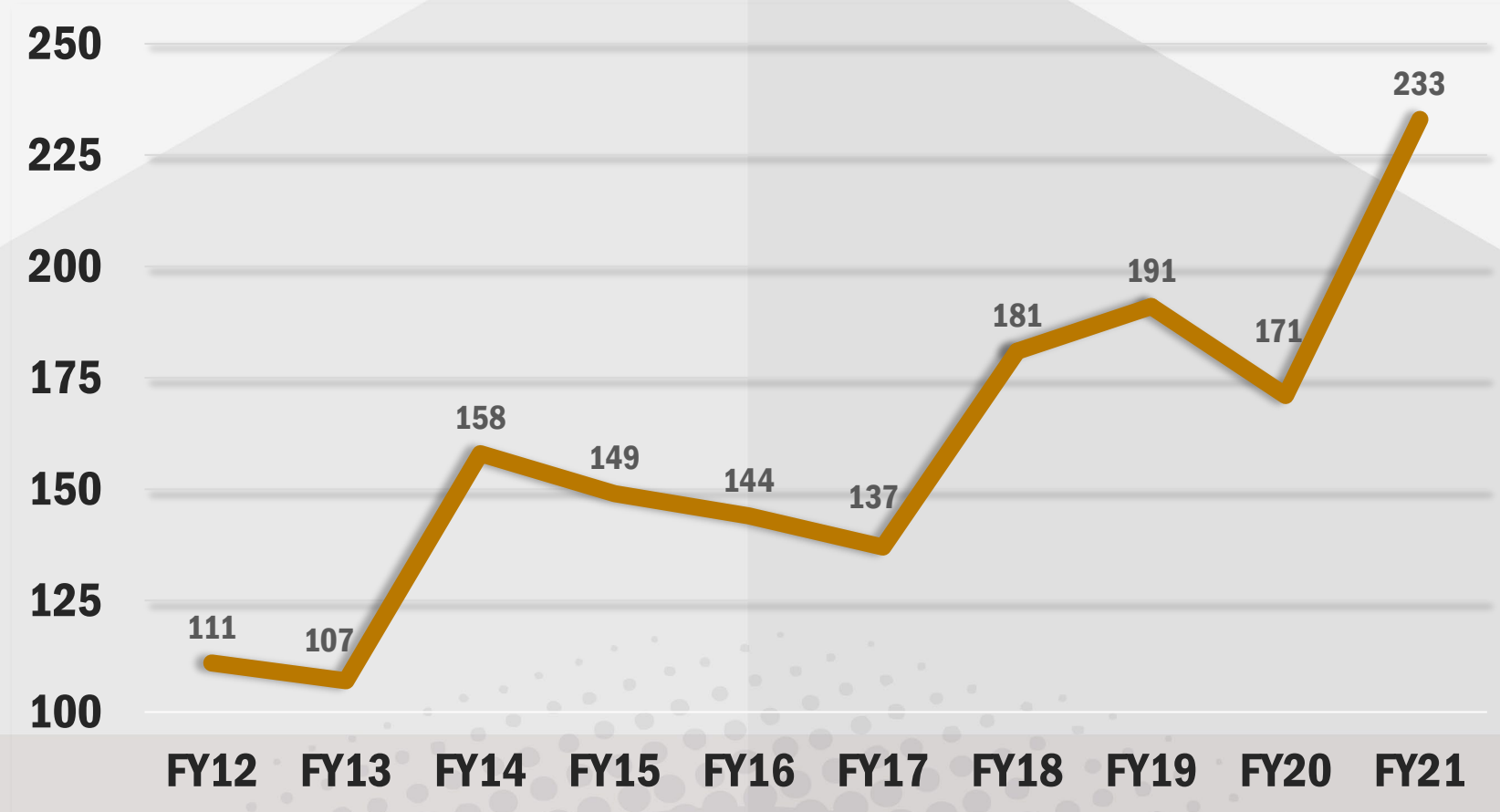
Proposals

Total Funds Requested >\$1M

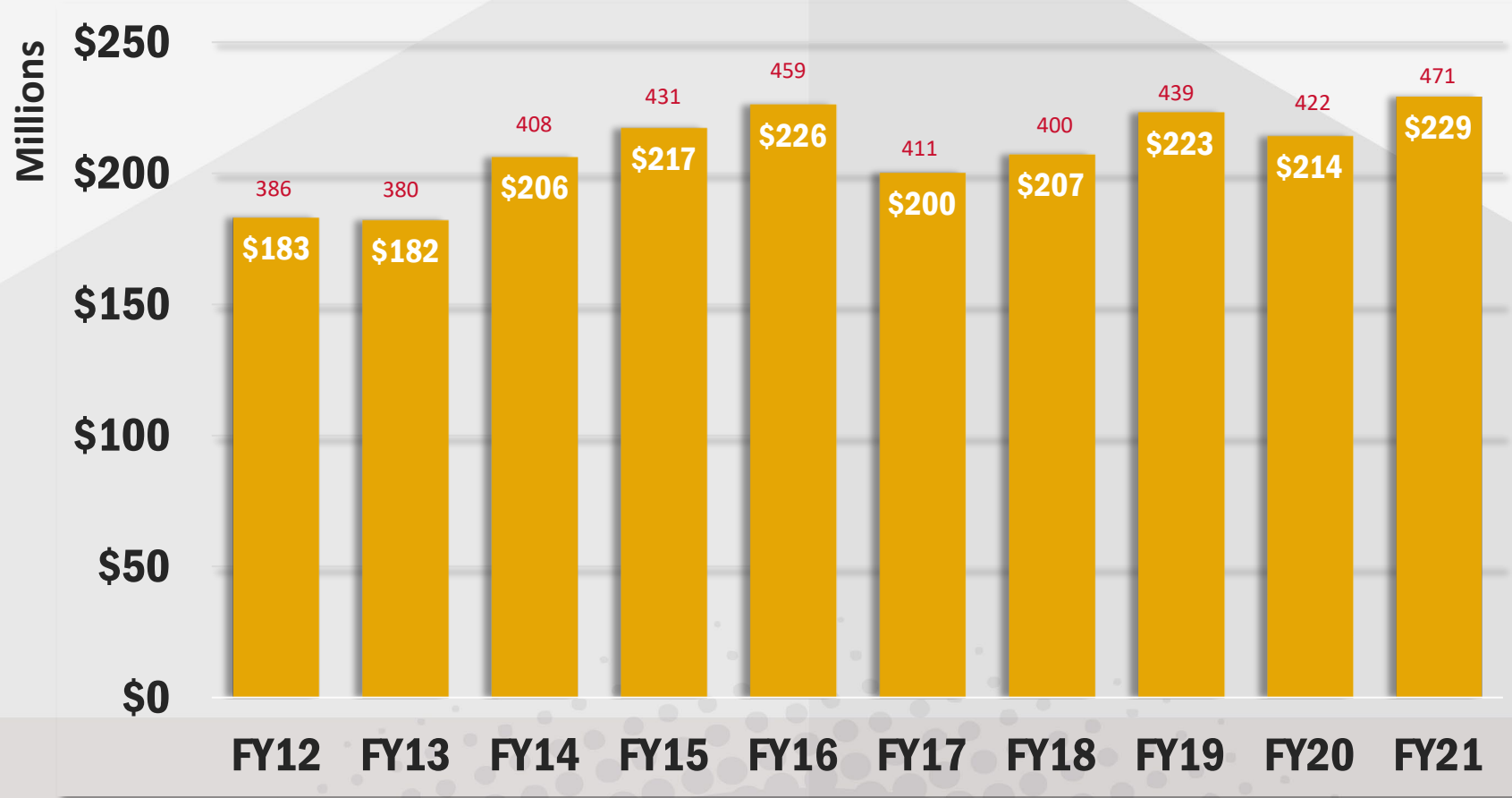


Proposals Submitted

Number of Proposals Submitted >\$1M

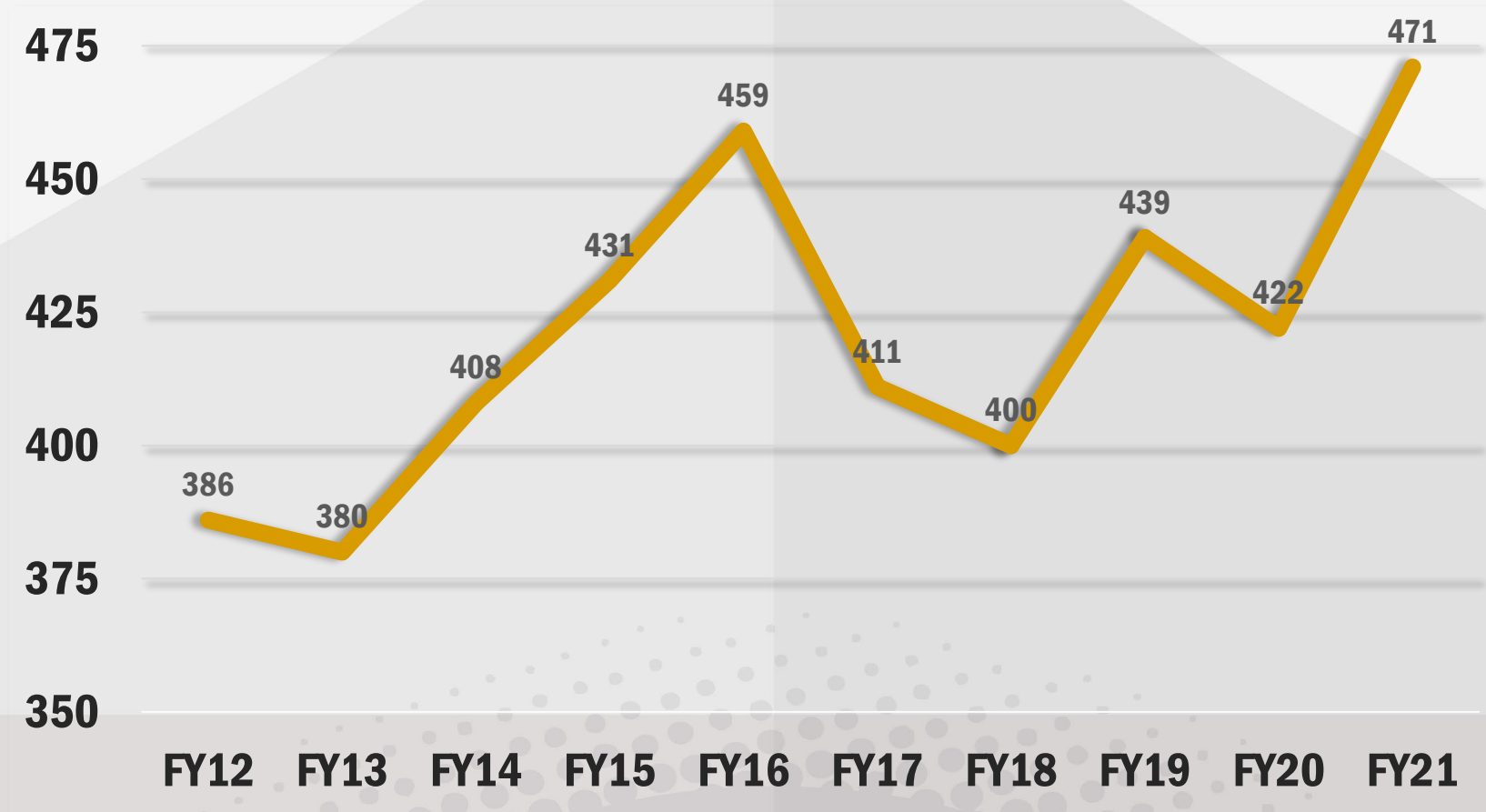


Total Funds Requested \$250k-\$999k

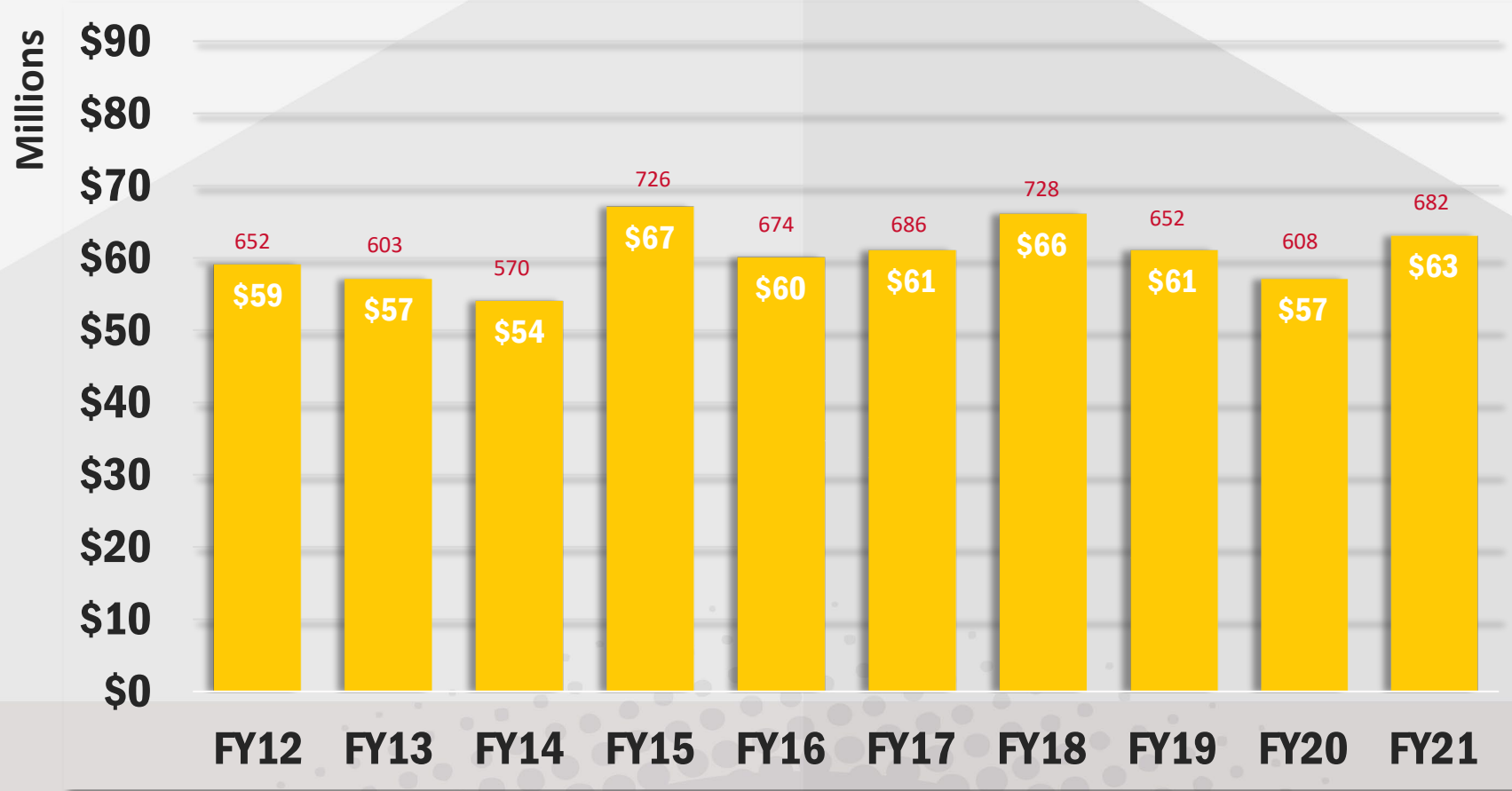


Proposals Submitted

Number of Proposals Submitted >\$250k-\$999k

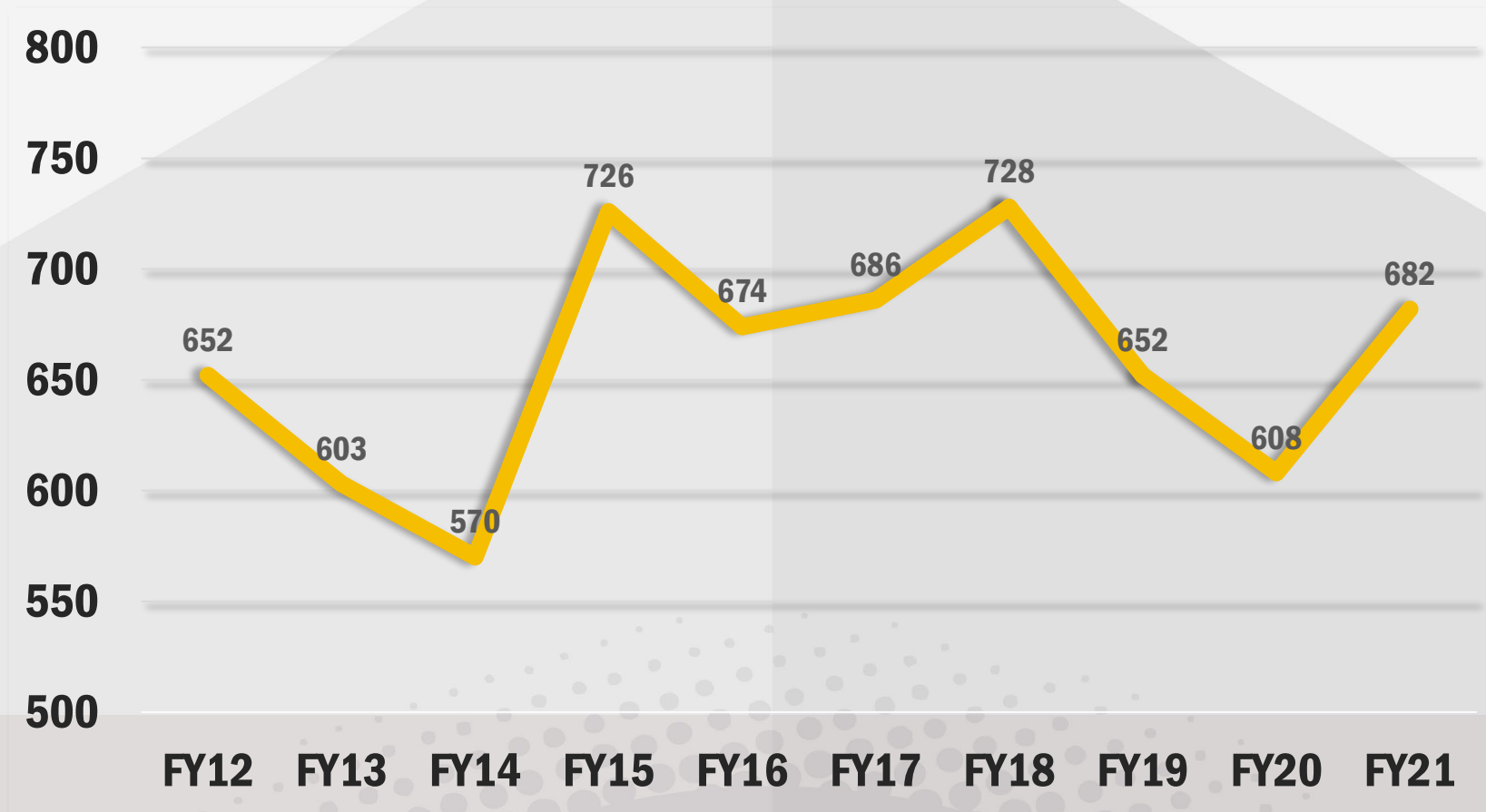


Total Funds Requested <\$250k



Proposals Submitted

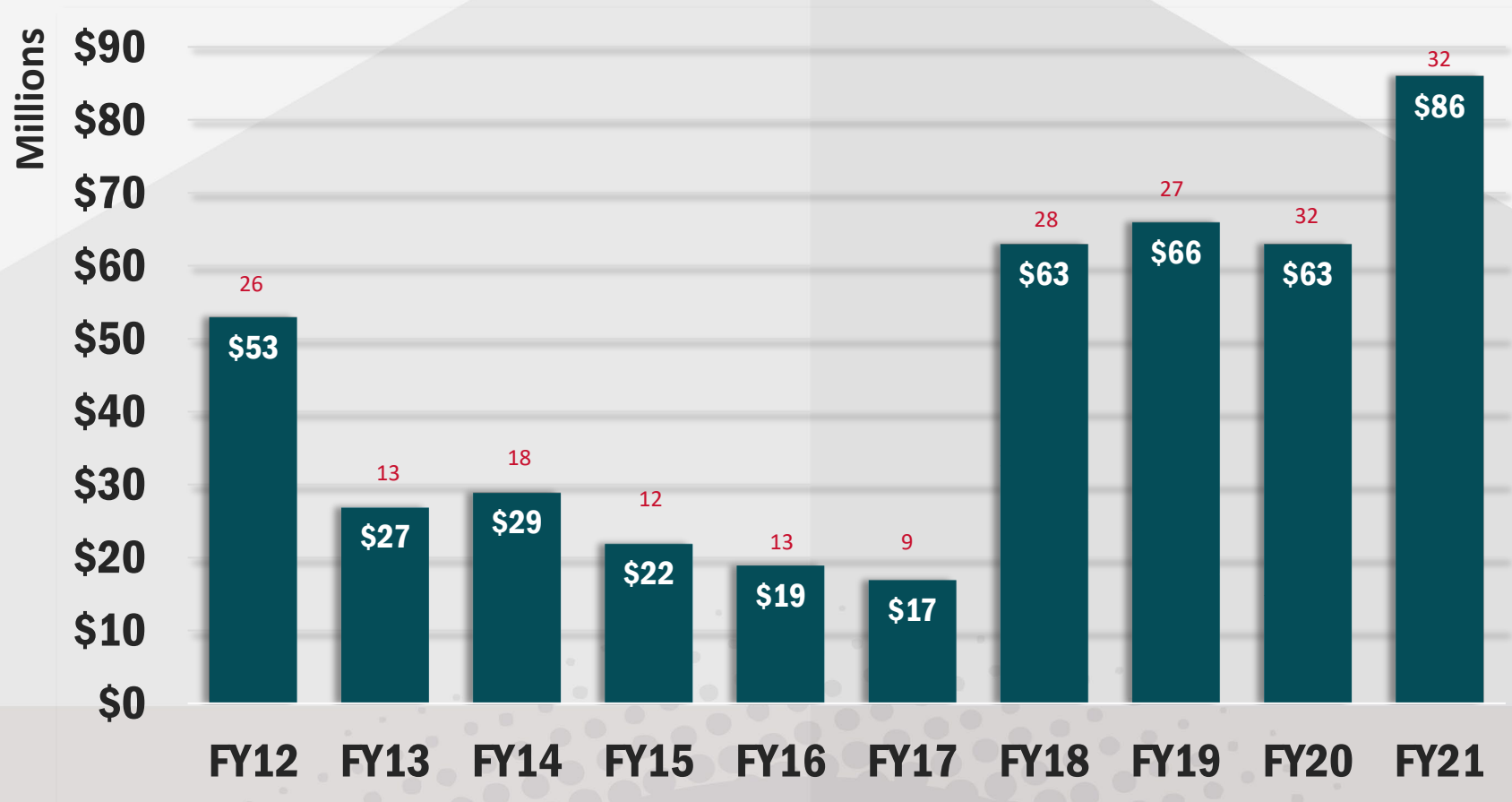
Number of Proposals Submitted <\$250k





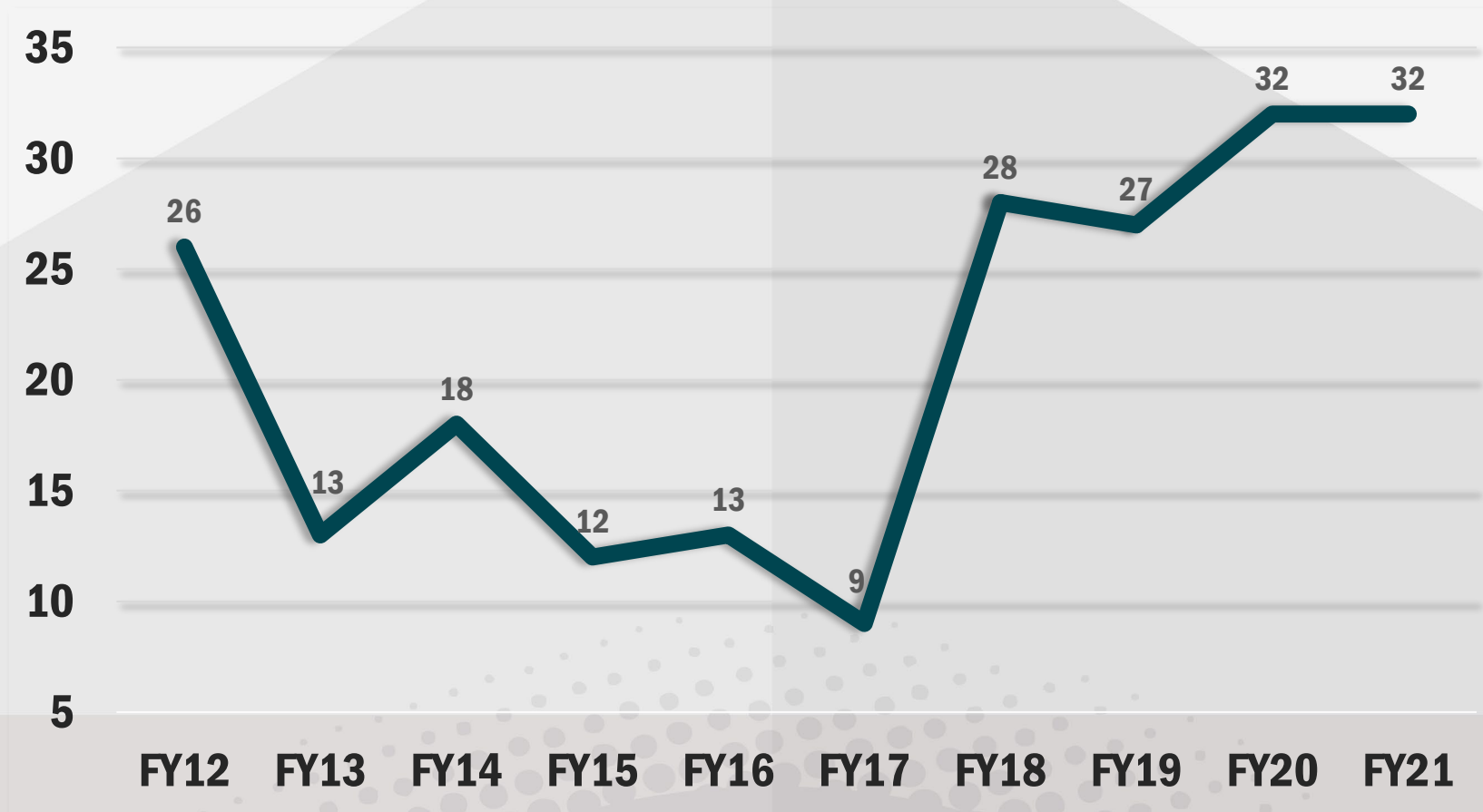
Awards

New Awards Funded >\$1M

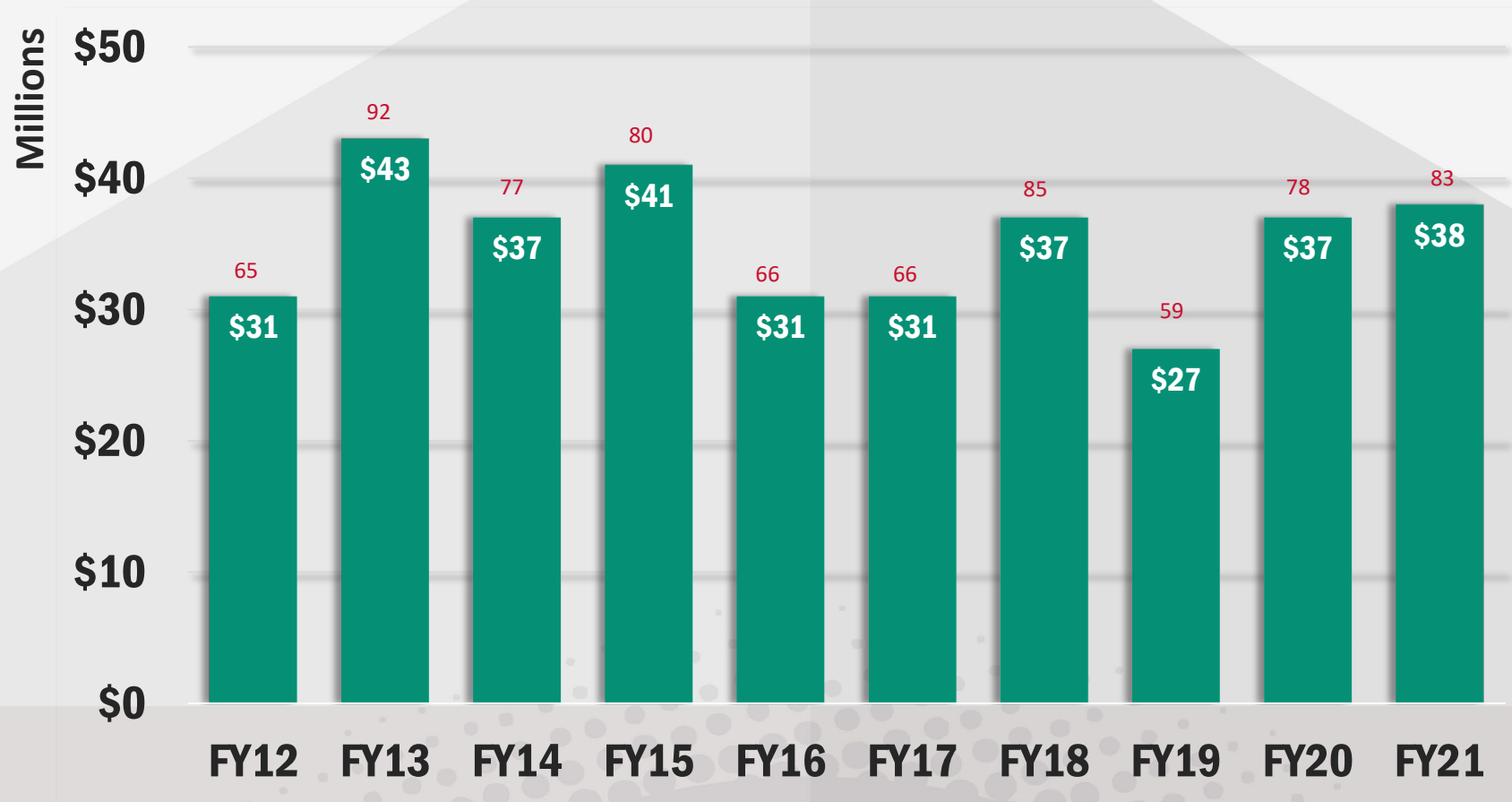


Awards Received

Number of Awards Received >\$1M

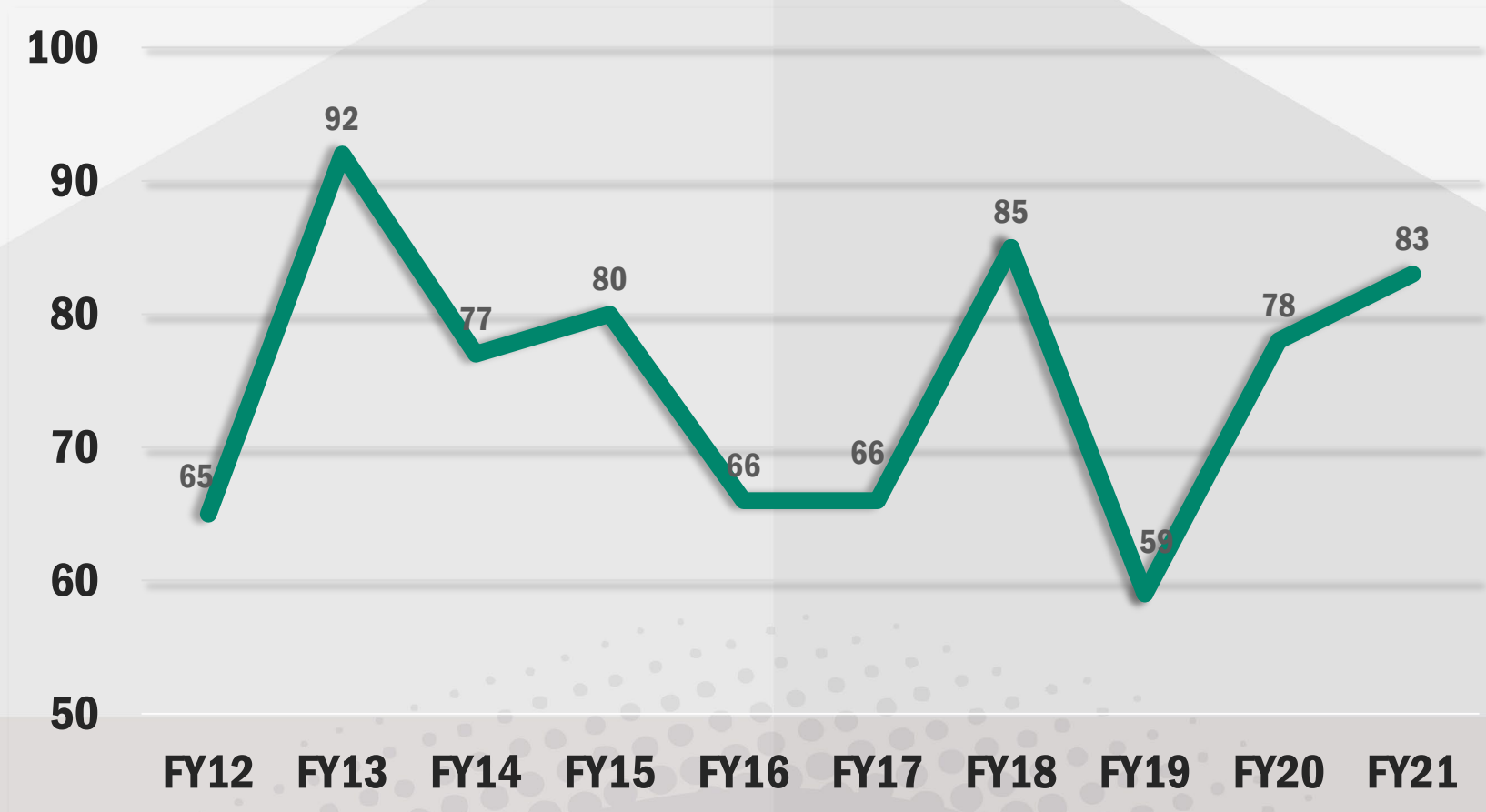


New Awards Funded \$250k-\$999k

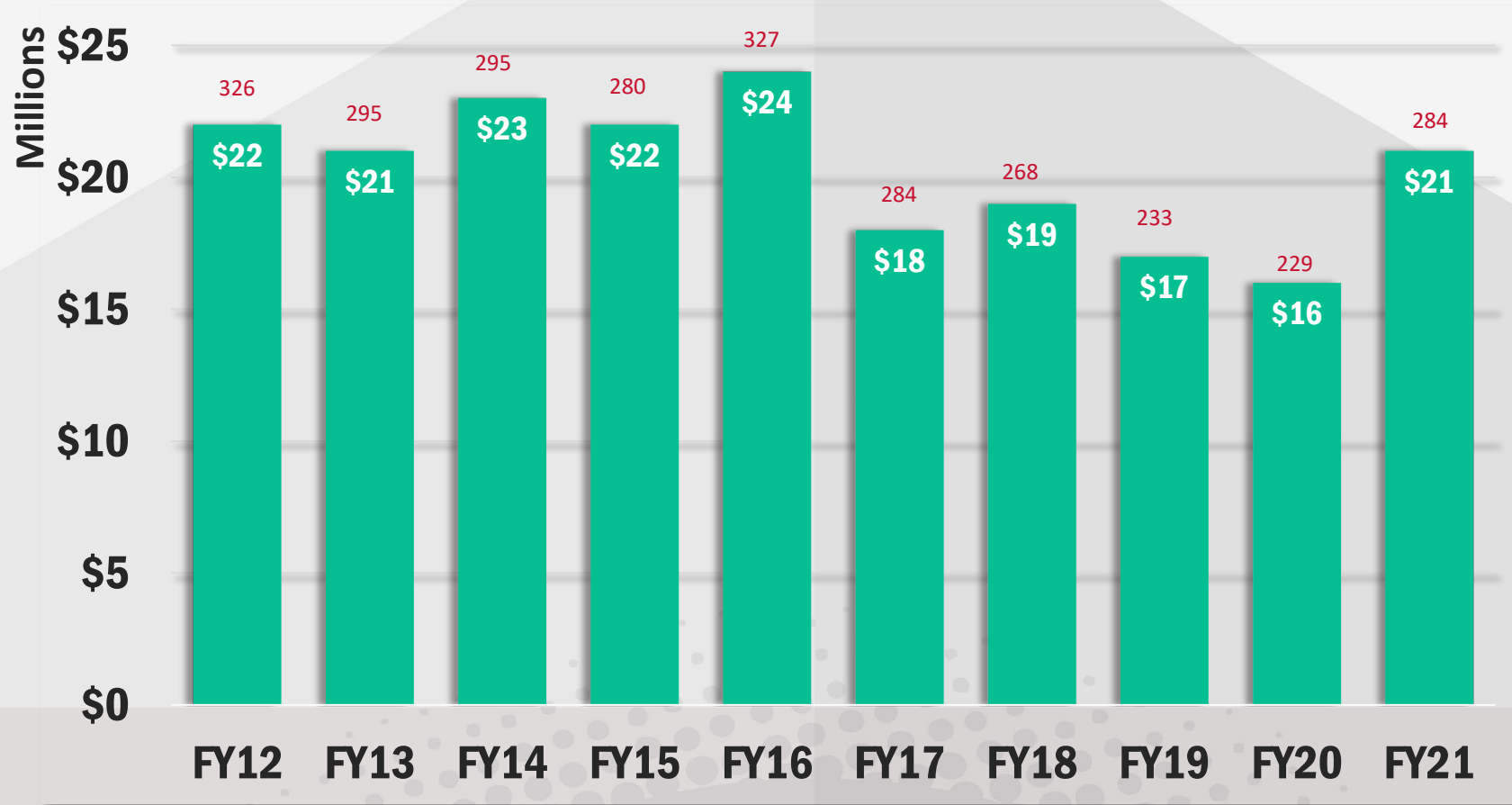


Awards Received

Number of Awards Received \$250k-\$999k

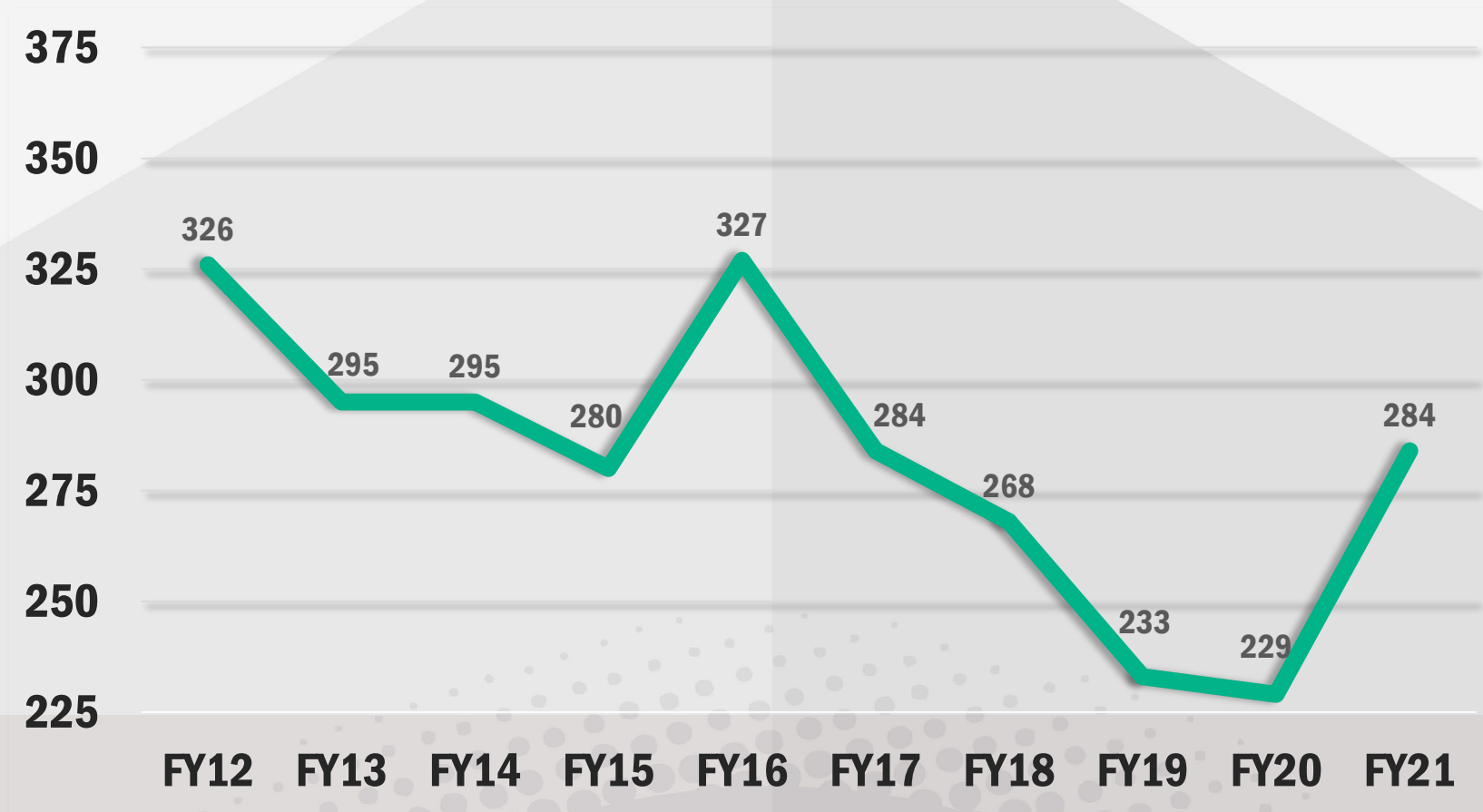


New Awards Funded <\$250k



Awards Received

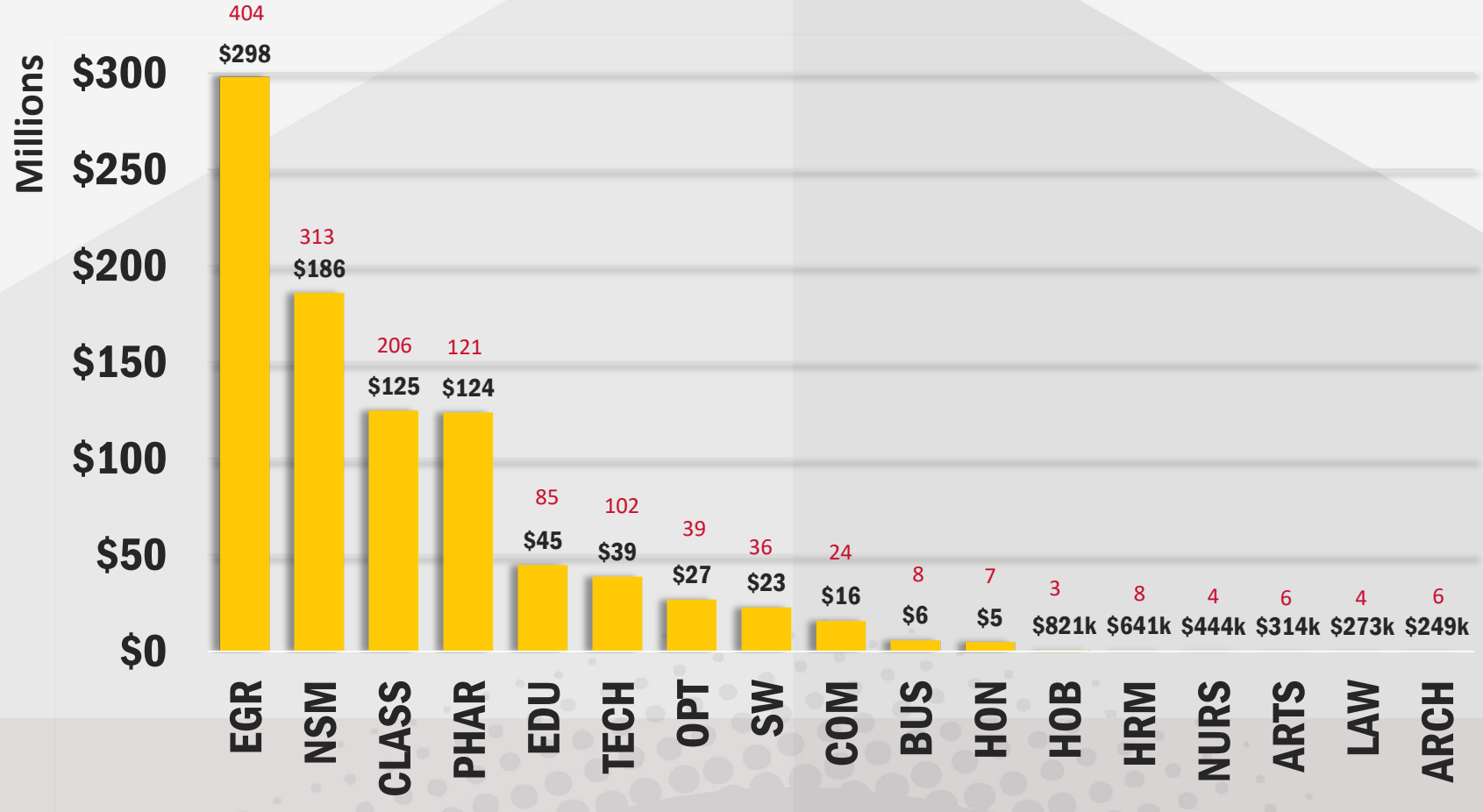
Number of Awards Received <\$250k





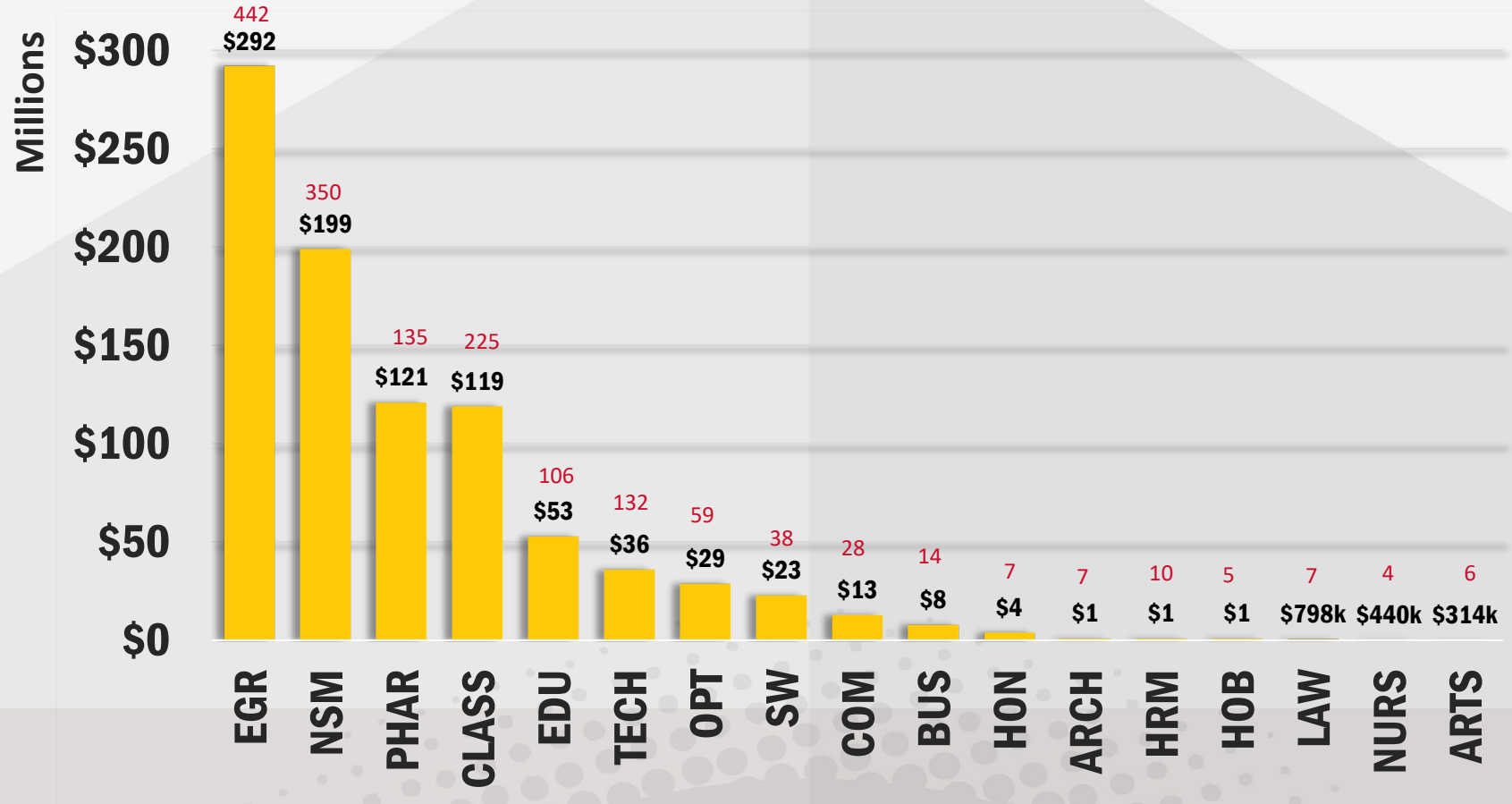
College Proposals, Awards and Expenditures

FY21 College Proposals – PI Affiliation



Proposals Submitted

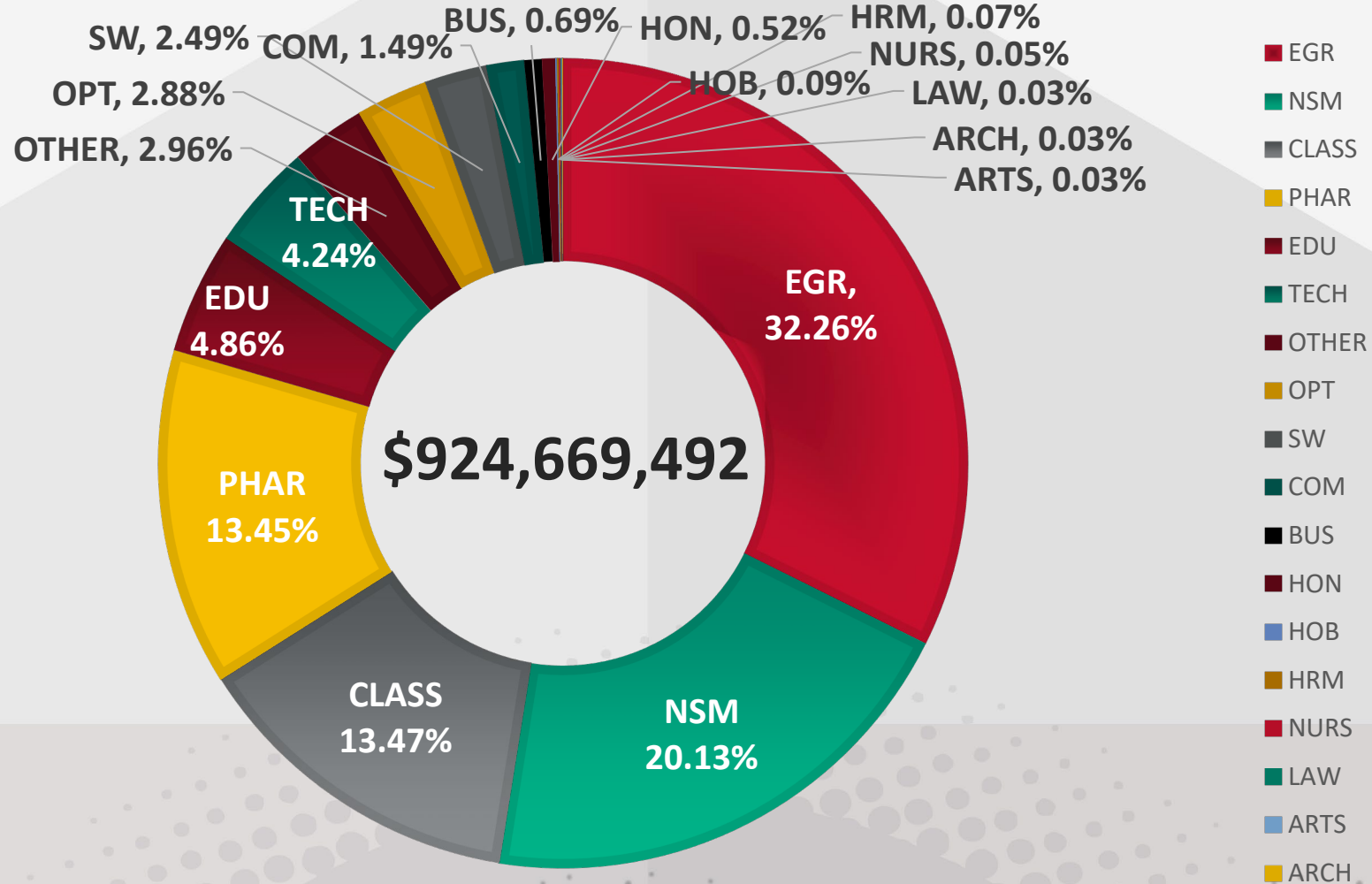
FY21 College Proposals – PI and Co-PI Affiliation



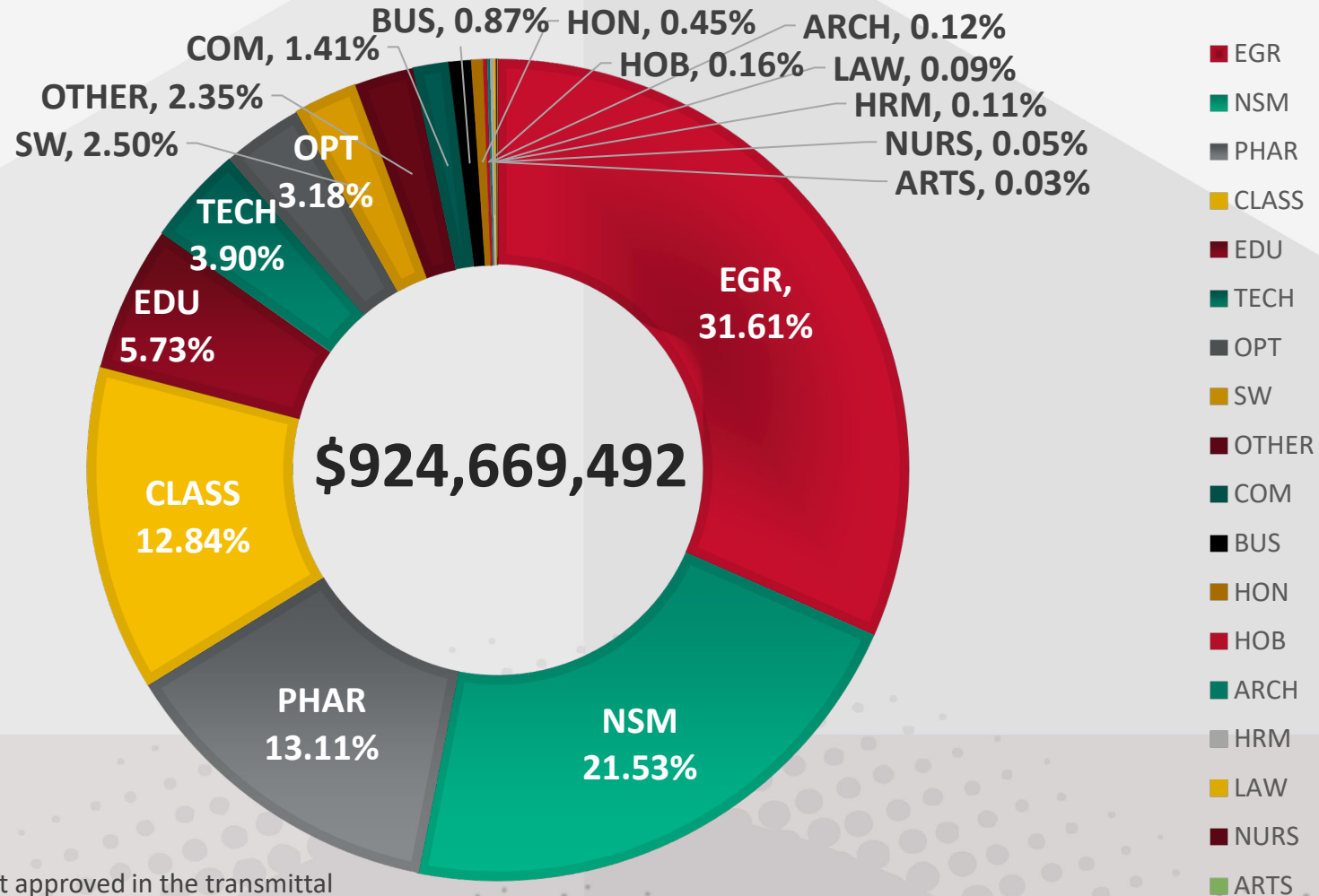
Proposals Submitted

*Distribution of amount is based on the FA Split approved in the transmittal

College Funds Requested – PI Affiliation

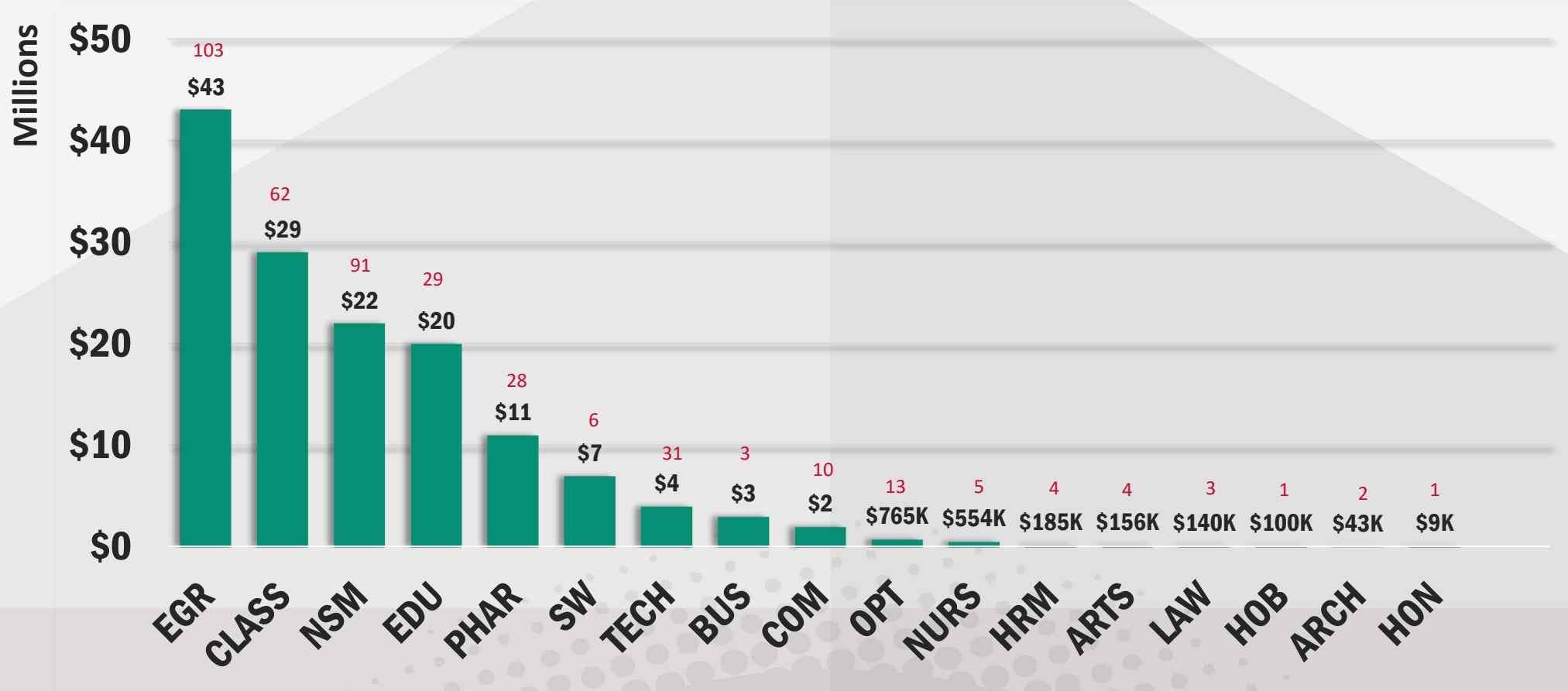


College Funds Requested – PI and Co-PI Affiliation



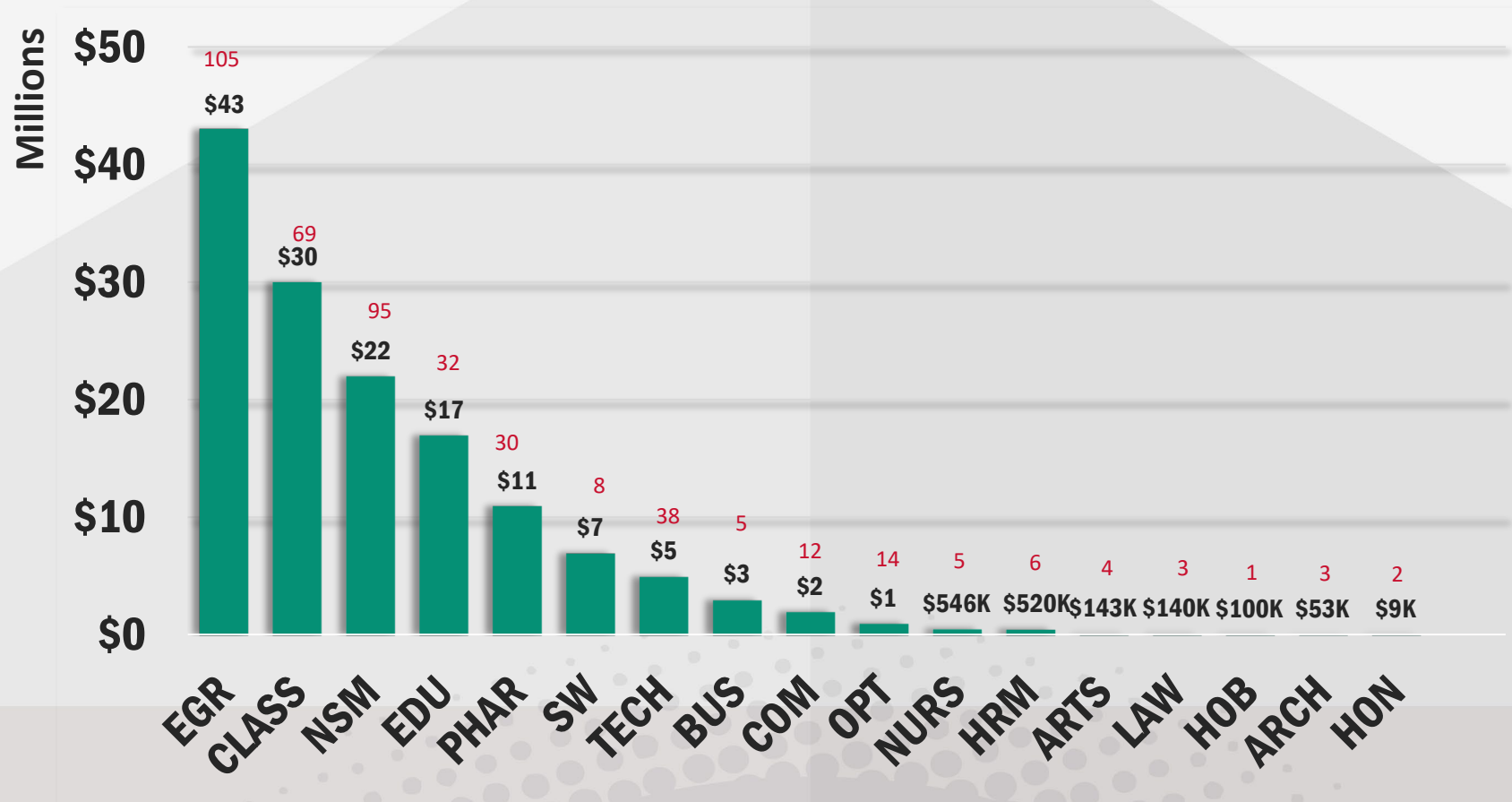
*Distribution of amount is based on the FA Split approved in the transmittal

FY21 College Awards – PI Affiliation



Awards Received

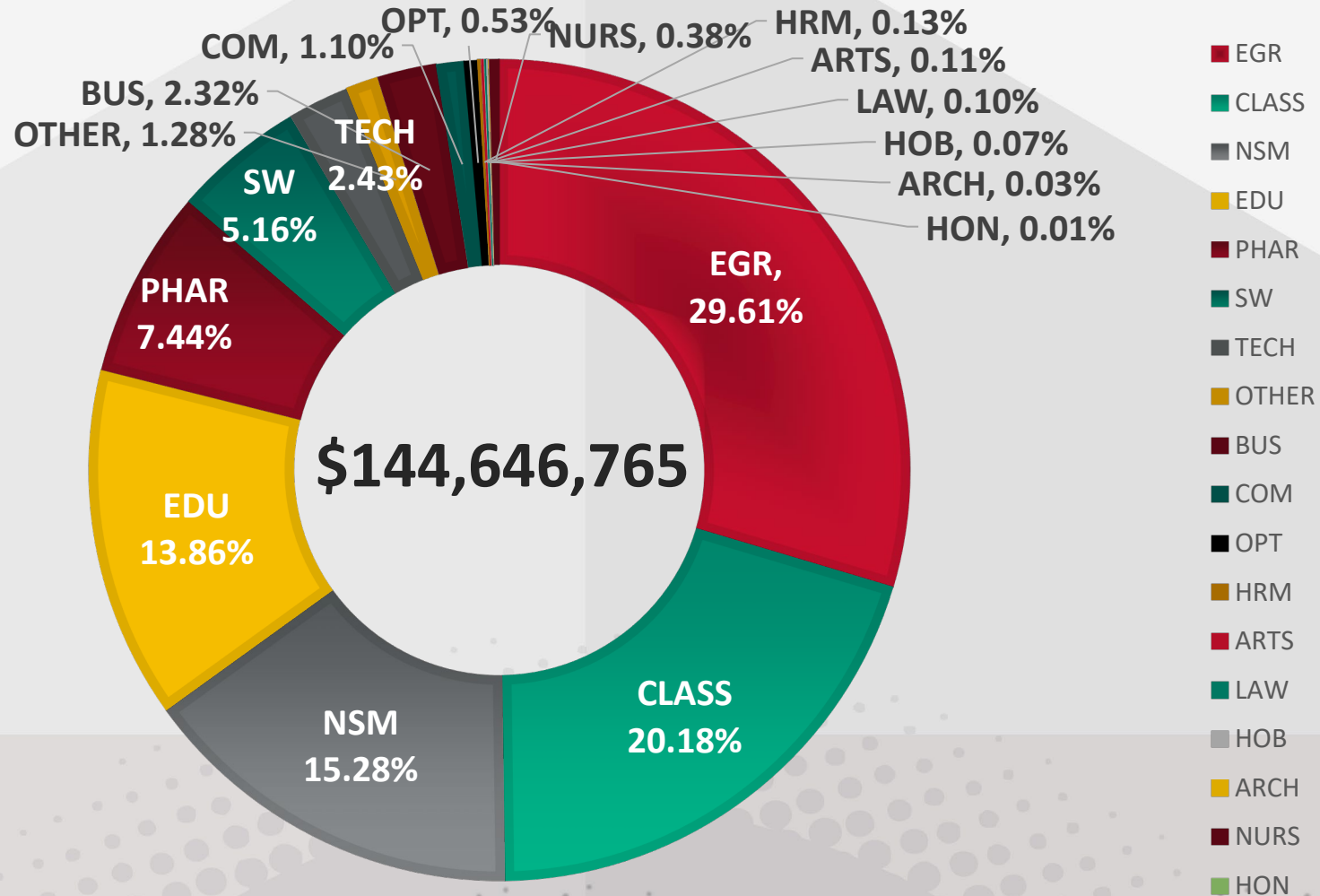
FY21 College Awards – PI and Co-PI Affiliation



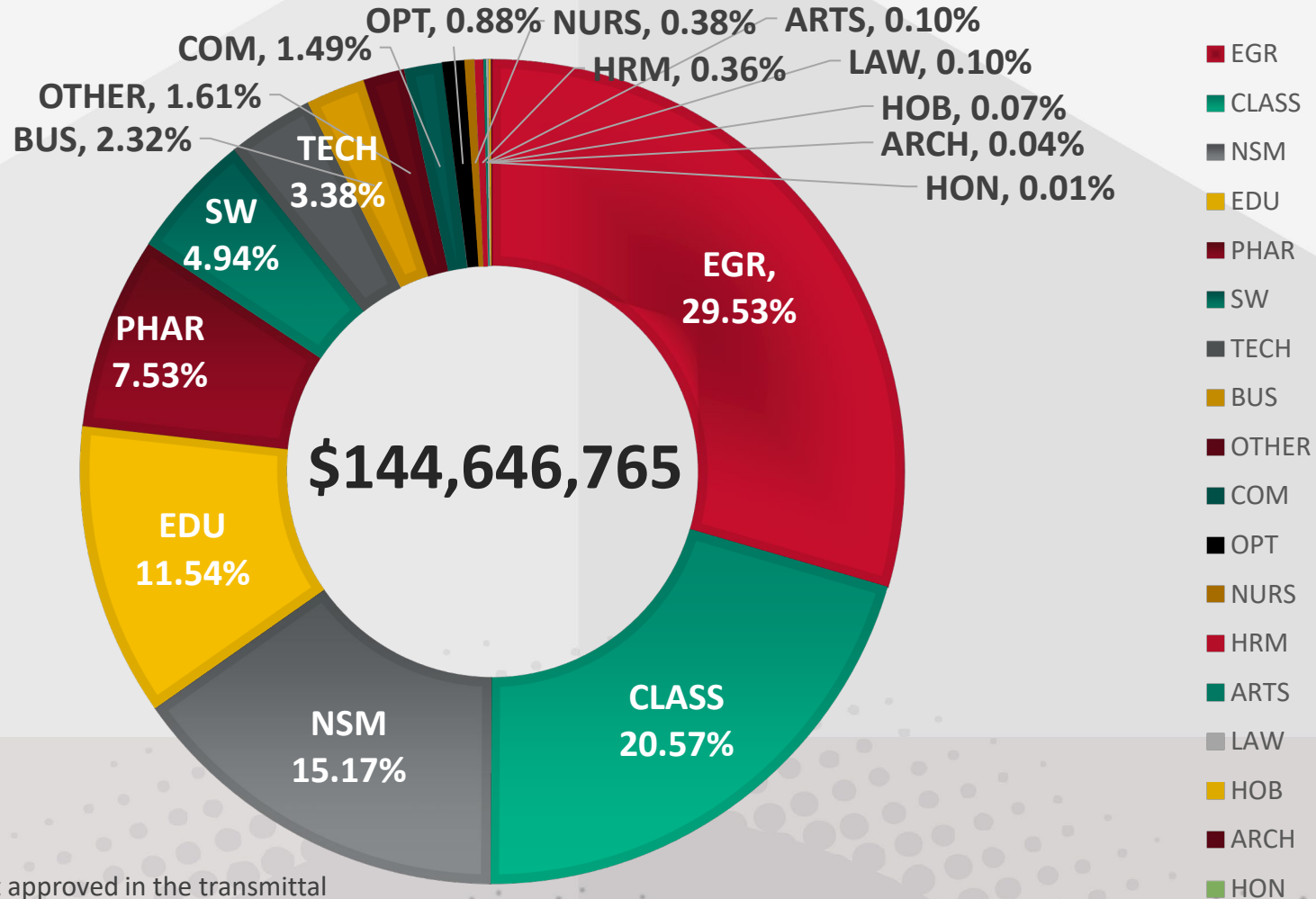
Awards Received

*Distribution of amount is based on the FA Split approved in the transmittal

College Projected Award Amount – PI Affiliation

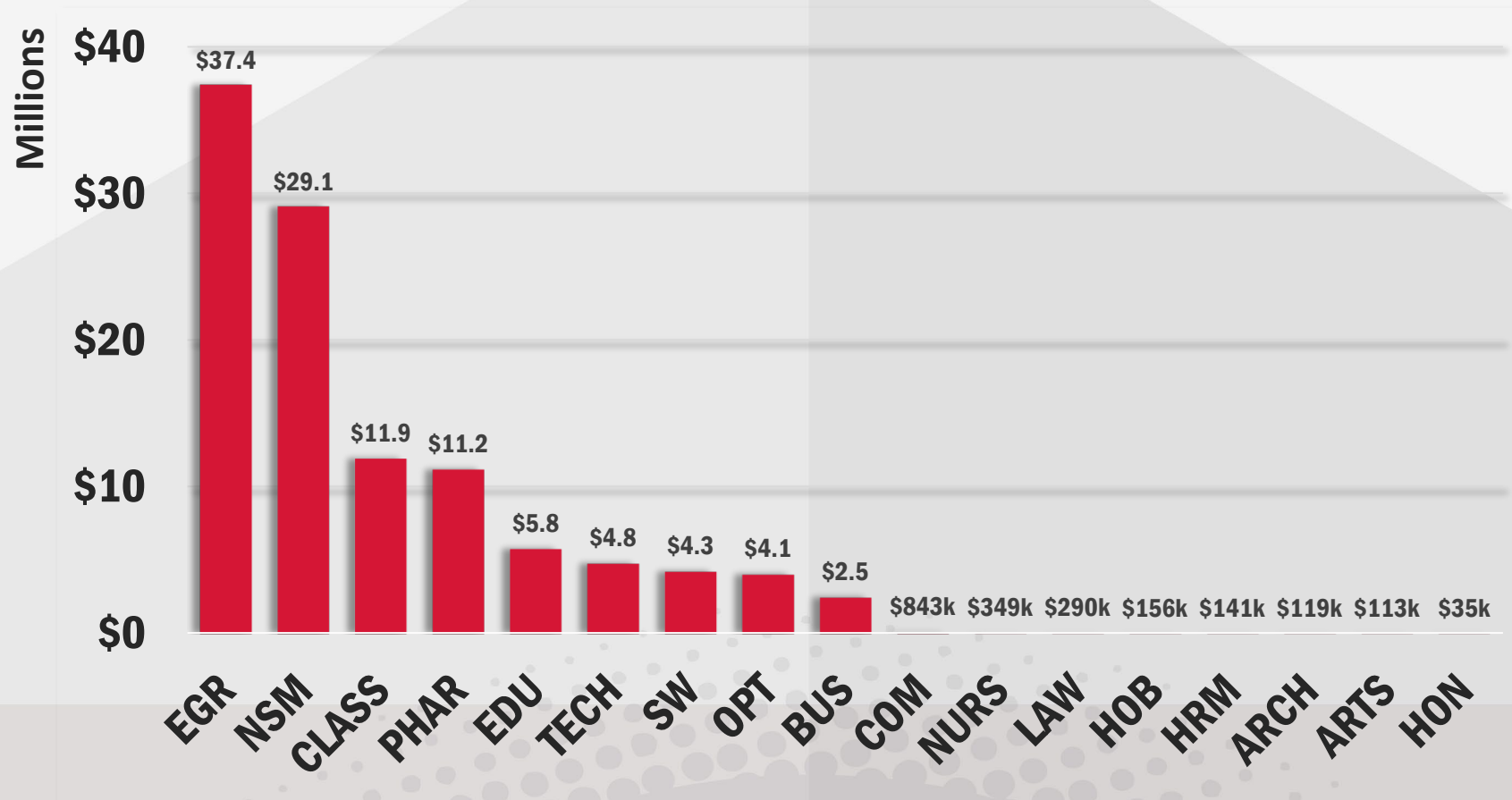


College Projected Award Amount – PI and Co-PI Affiliation



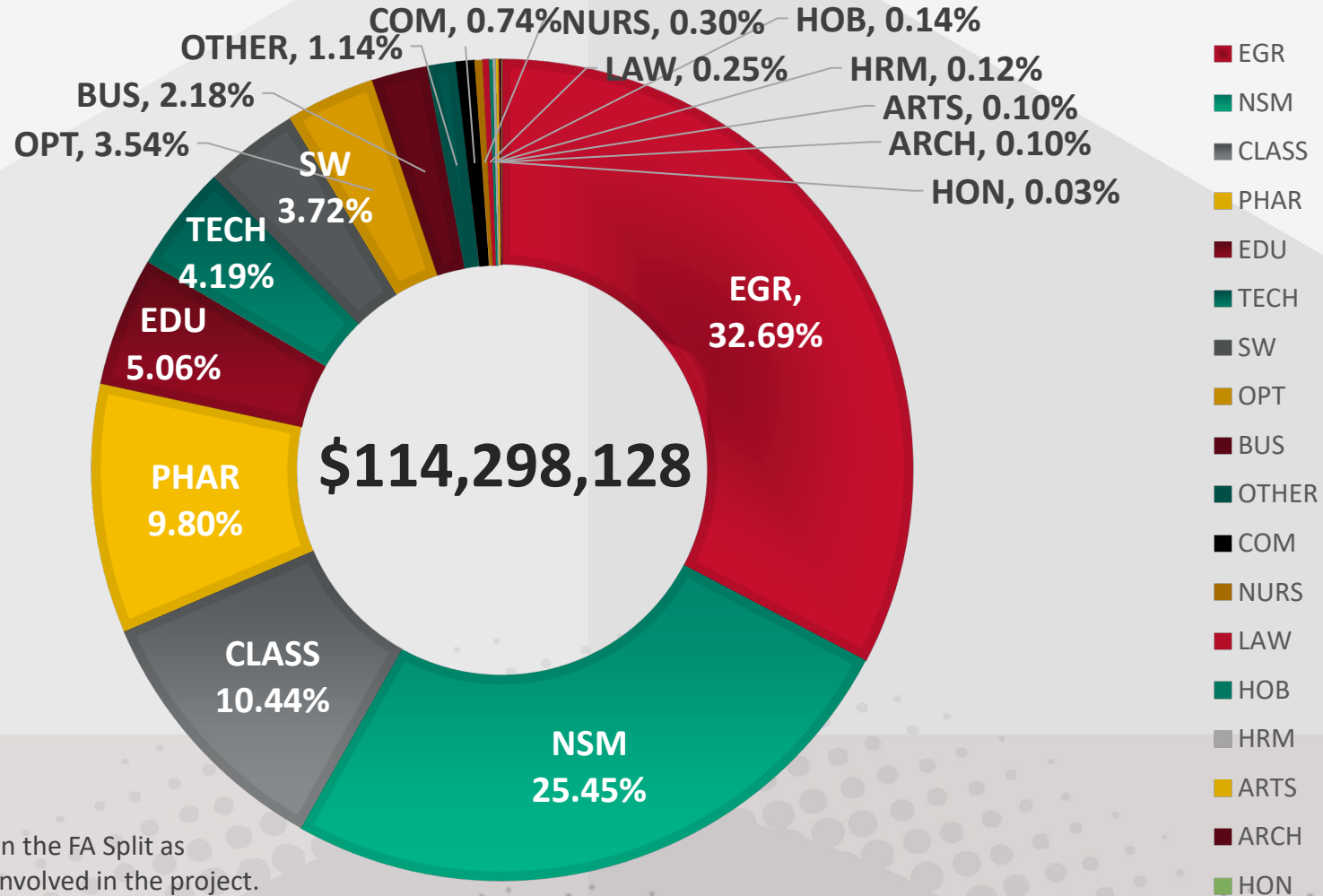
*Distribution of amount is based on the FA Split approved in the transmittal

FY21 College Research Expenditures



*All expenditures herein are distributed based on the FA Split as approved in the transmittal for all investigators involved in the project.

College Research Expenditures



*All expenditures herein are distributed based on the FA Split as approved in the transmittal for all investigators involved in the project.

College Research Expenditures Per Ranked Faculty >\$100K

PHAR
\$295k

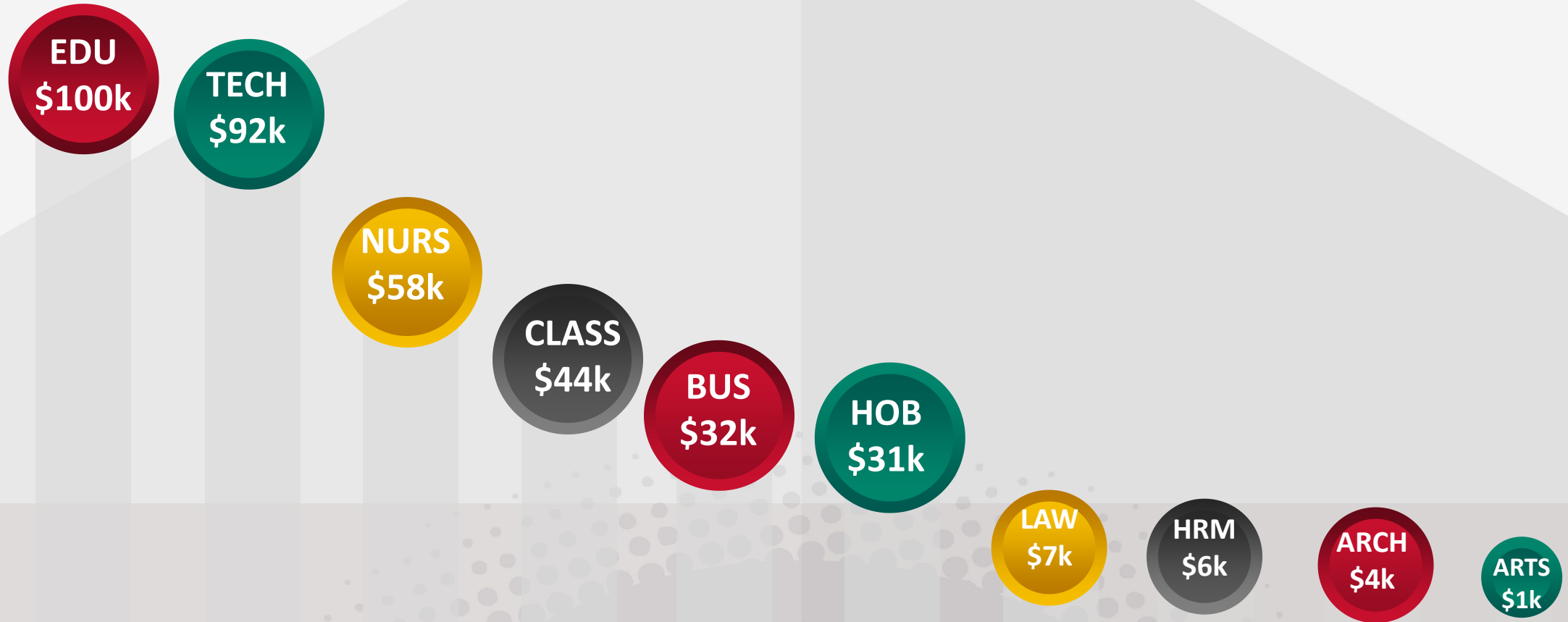
EGR
\$265k

SW
\$193k

OPT
\$169k

NSM
\$143k

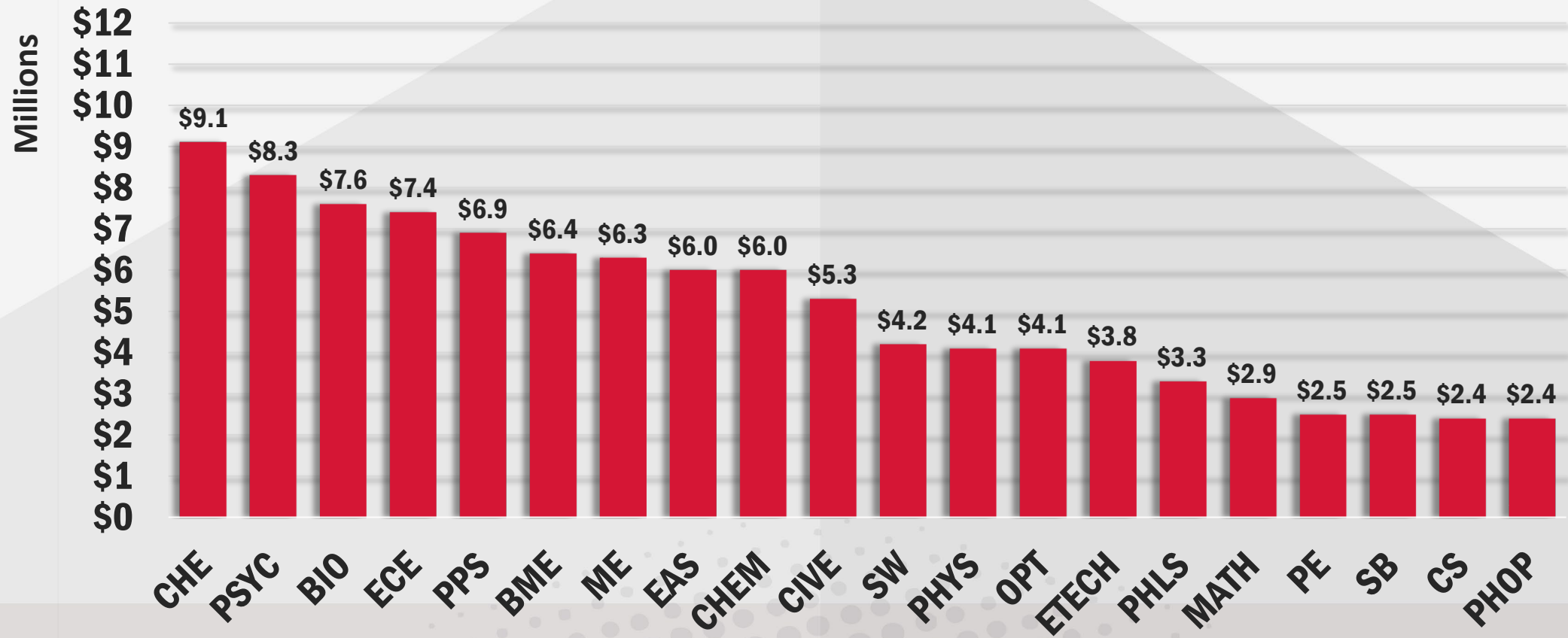
College Research Expenditures Per Ranked Faculty <\$100K



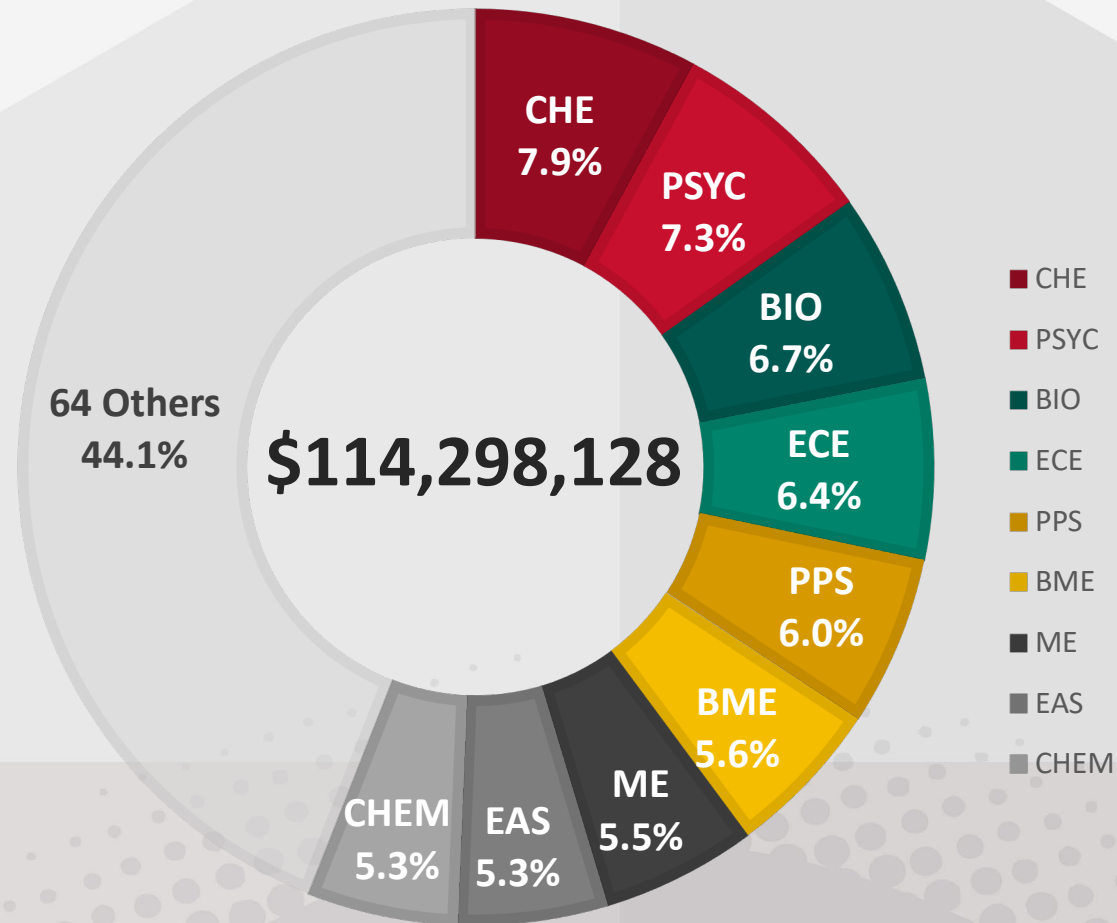


Academic Department Productivity

Top 20 Department Research Expenditures



Department Research Expenditures – Top 10



Department Research Expenditures Per Ranked Faculty

Chemical Engineering
\$477,233

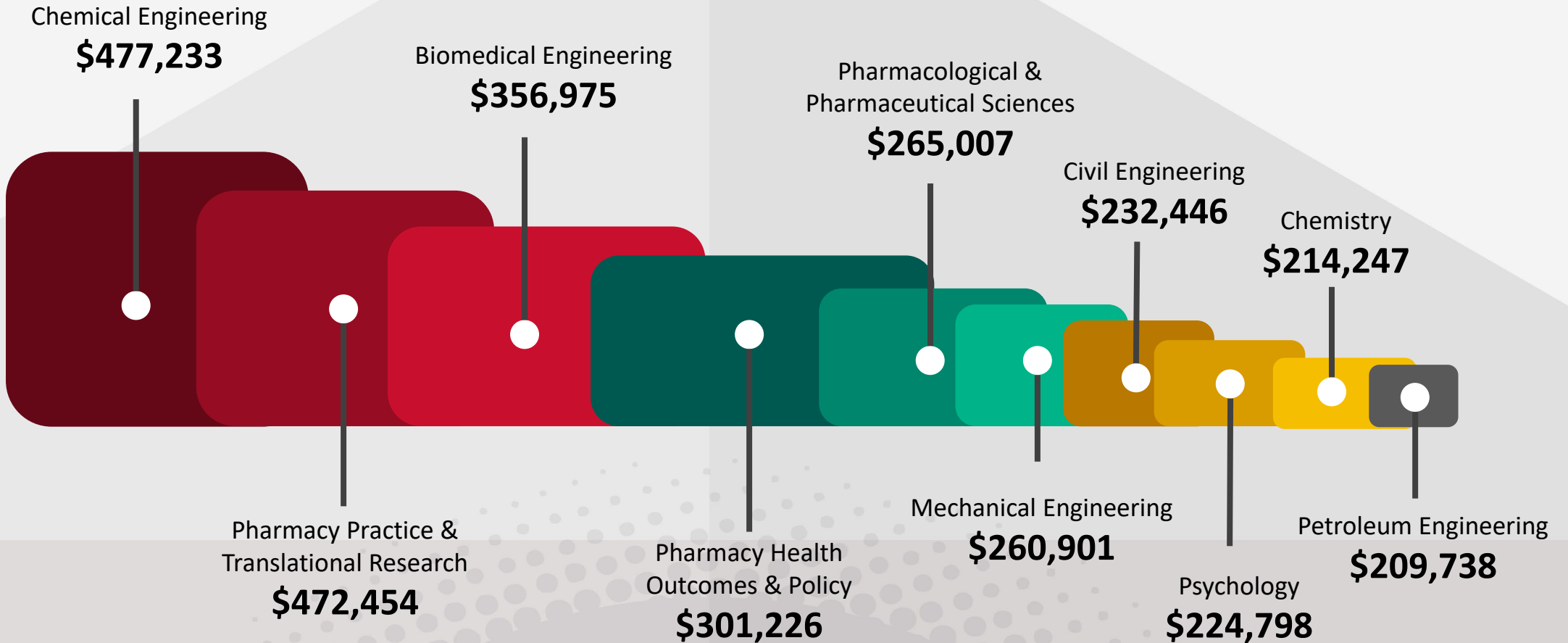
Biomedical Engineering
\$356,975

Pharmacological &
Pharmaceutical Sciences
\$265,007

Pharmacy Practice &
Translational Research
\$472,454

Pharmacy Health
Outcomes & Policy
\$301,226

Department Research Expenditures Per Ranked Faculty

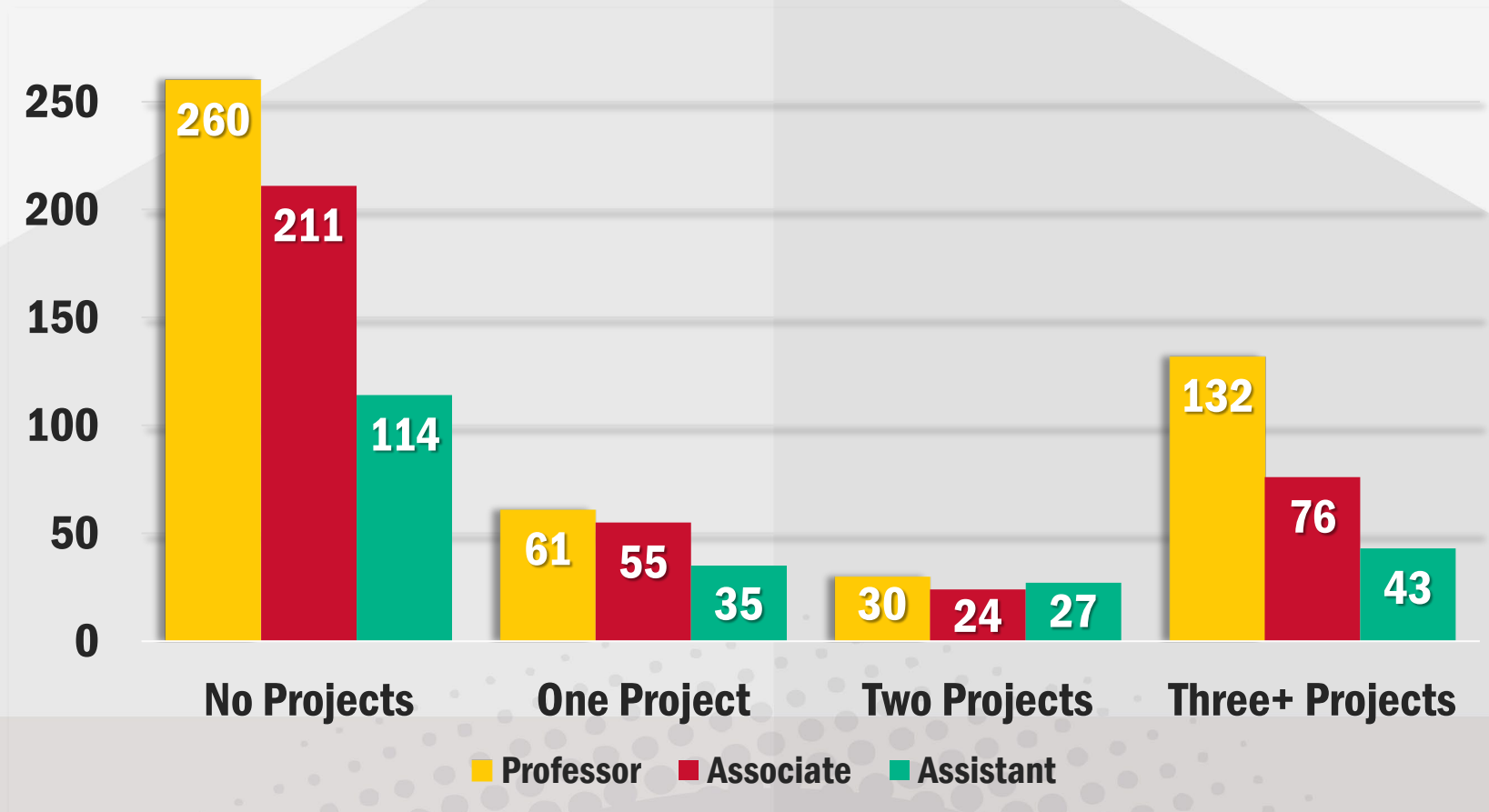




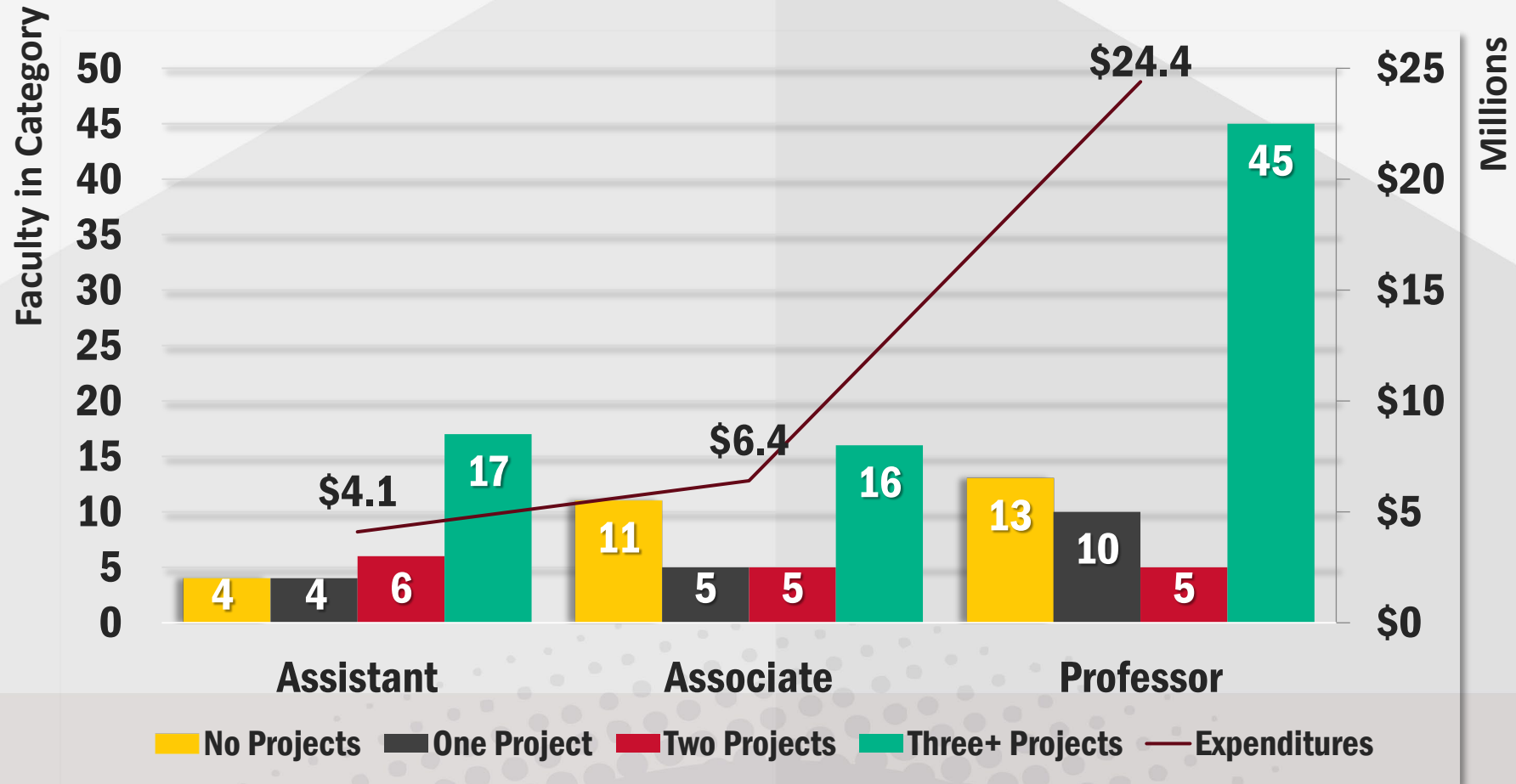
Active Projects and Expenditures

Per Faculty Rank
FY21

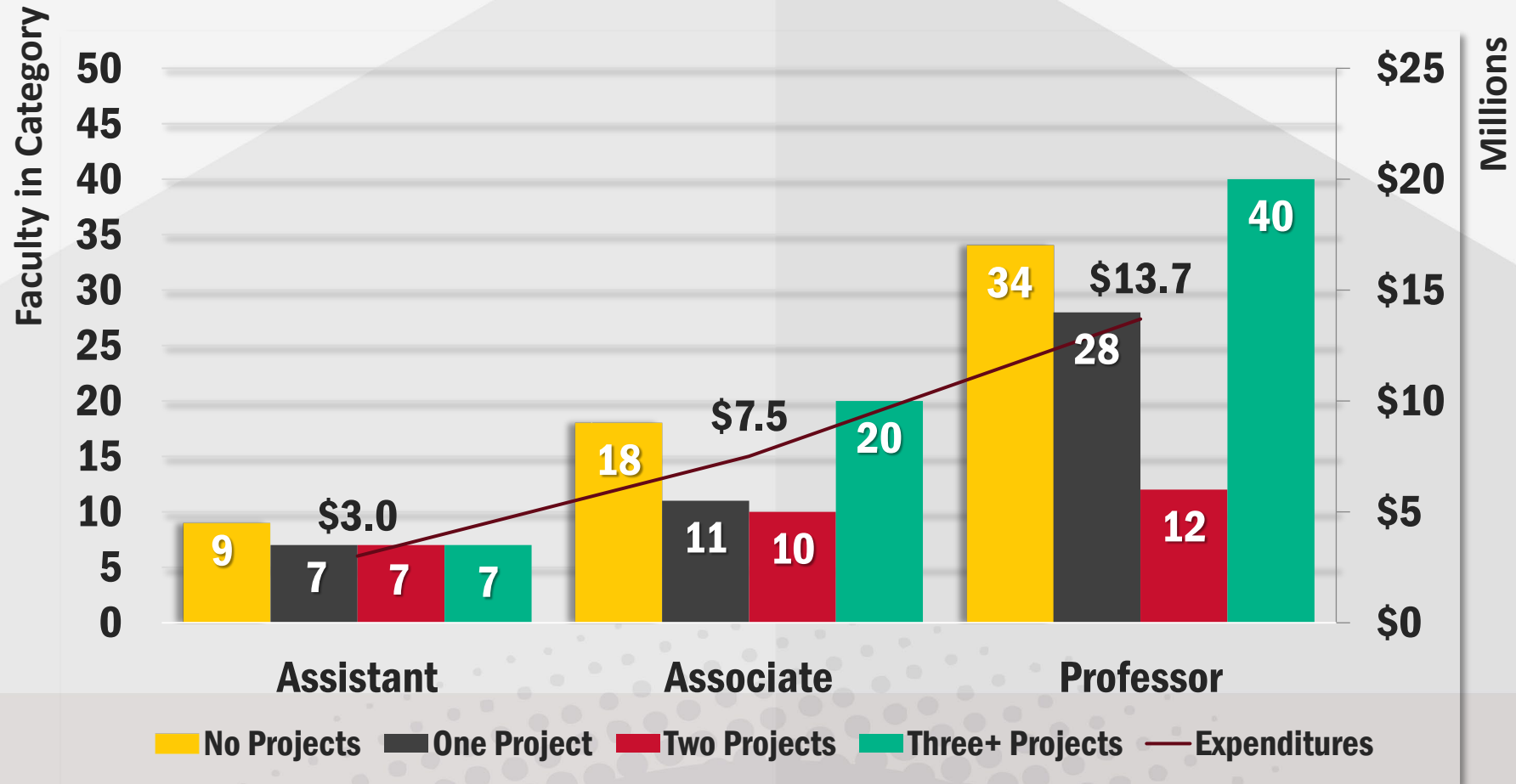
Total Ranked Faculty with Projects – Academic Colleges



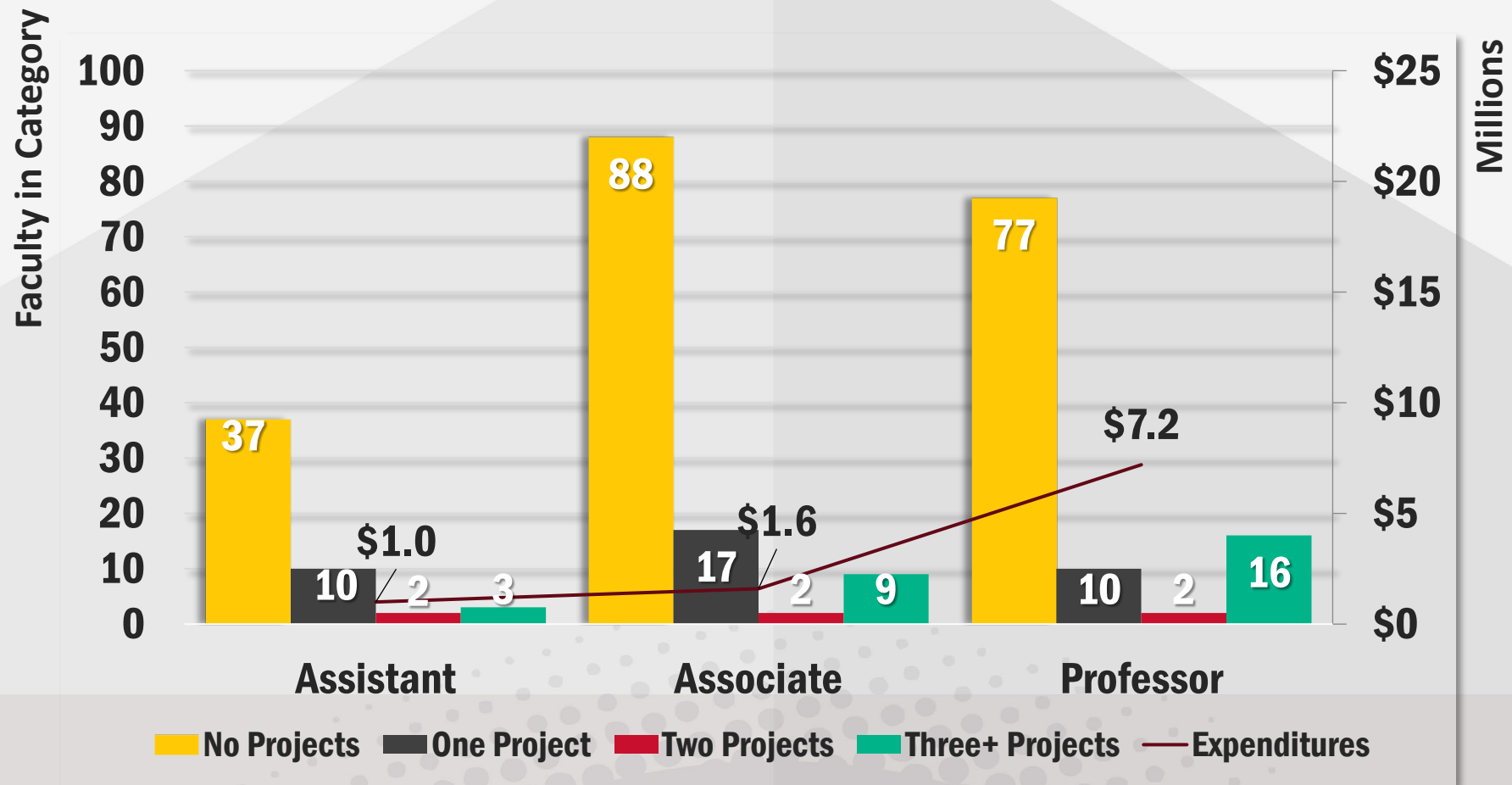
Active Projects and Expenditures - Engineering



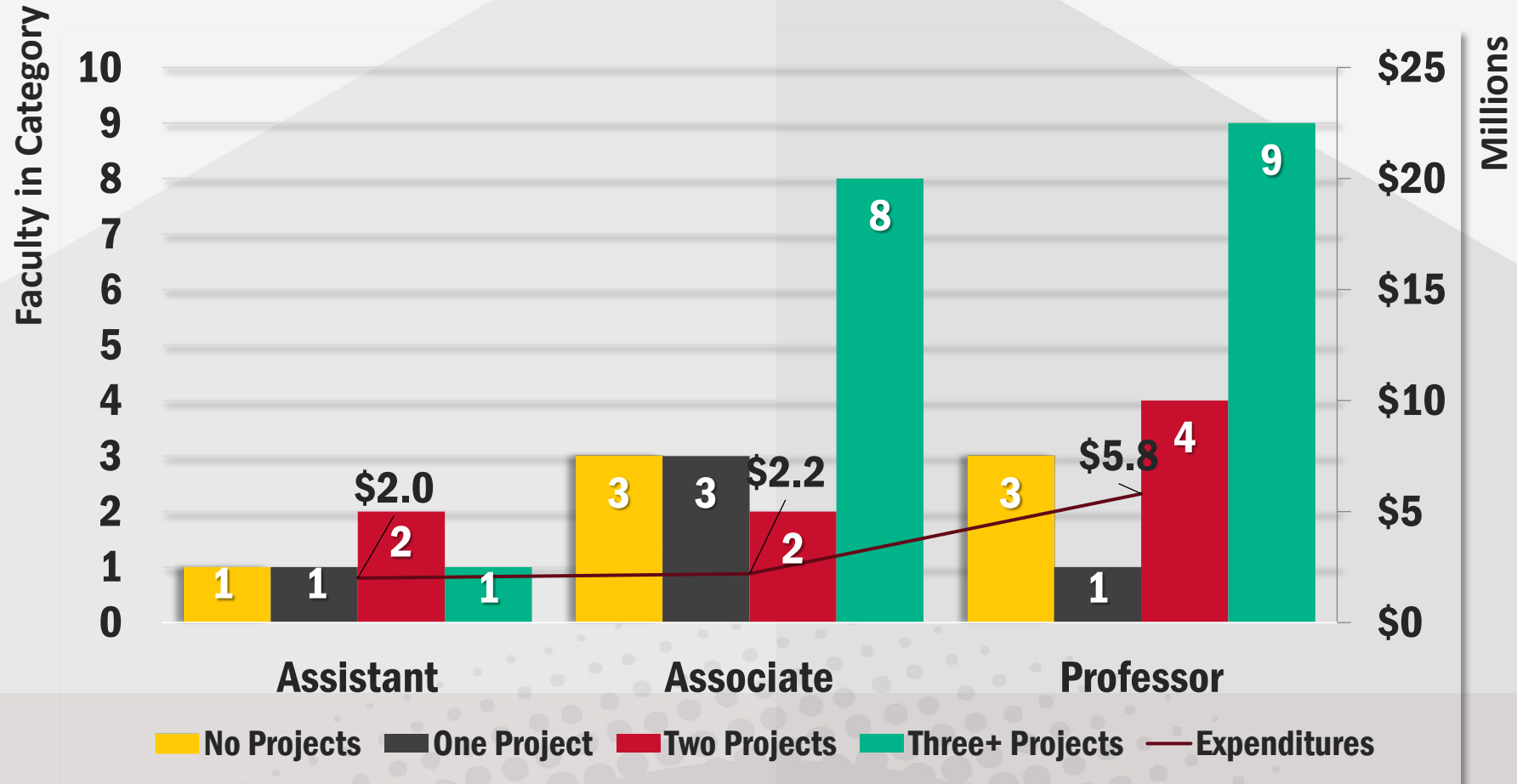
Active Projects and Expenditures - NSM



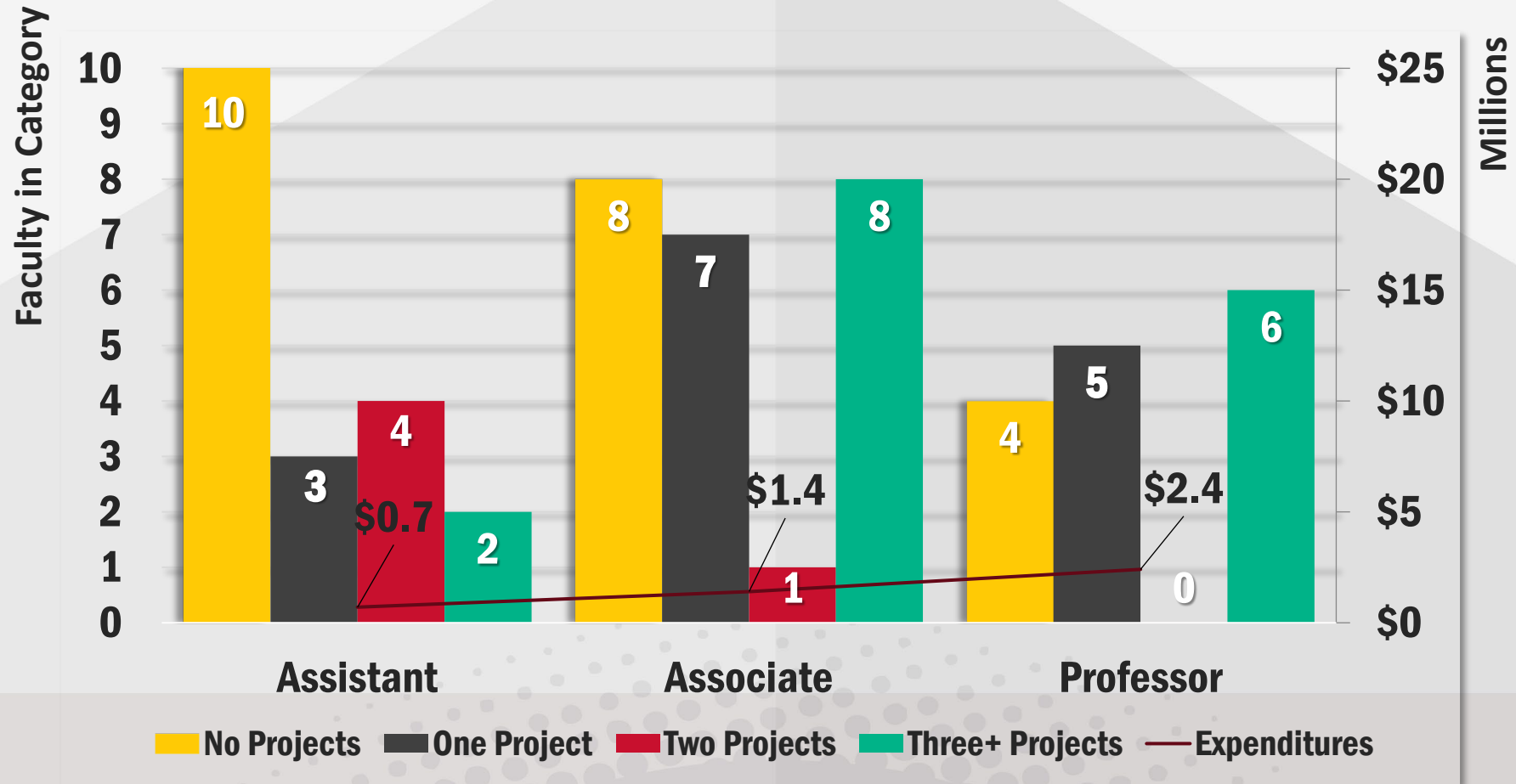
Active Projects and Expenditures - CLASS



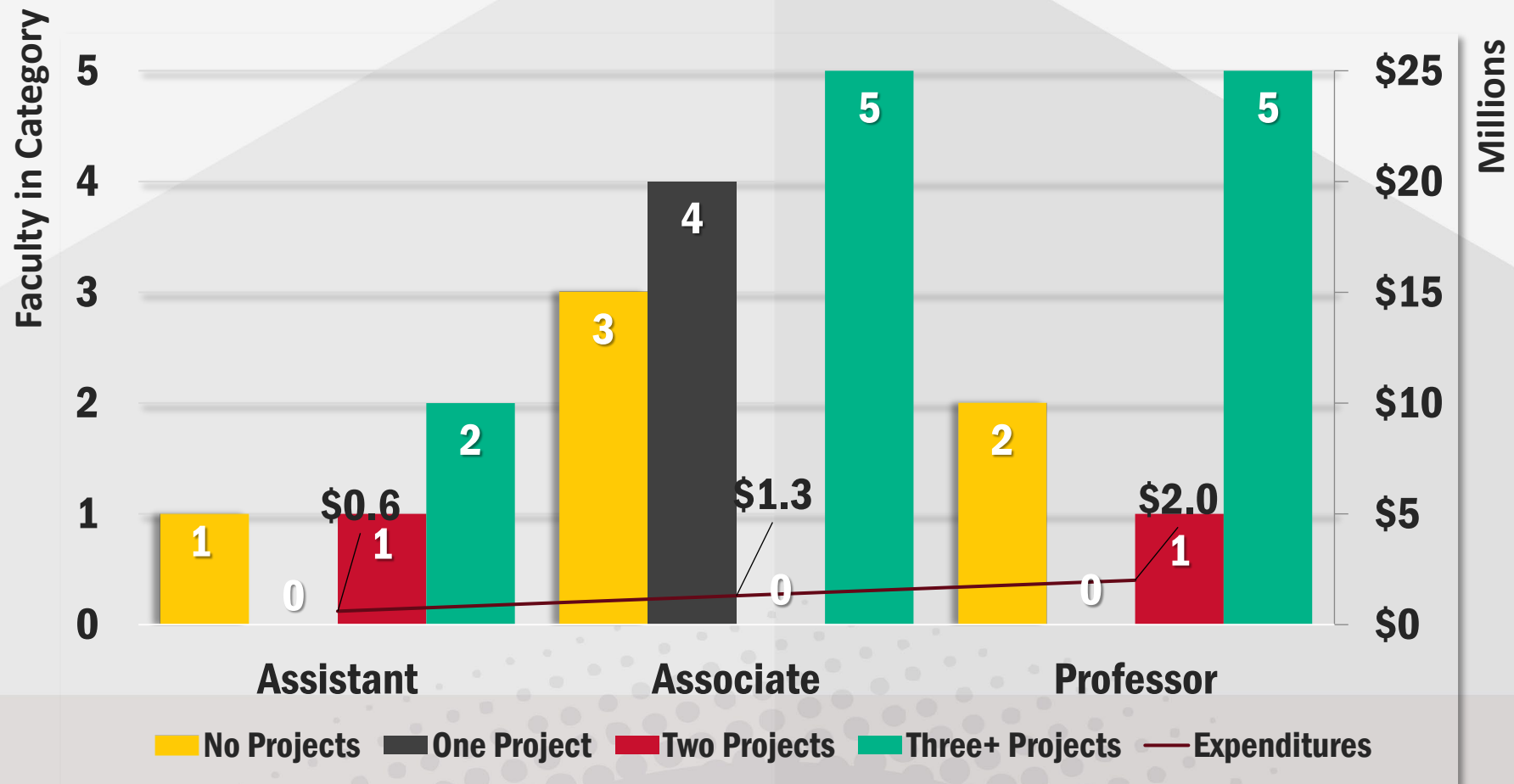
Active Projects and Expenditures - Pharmacy



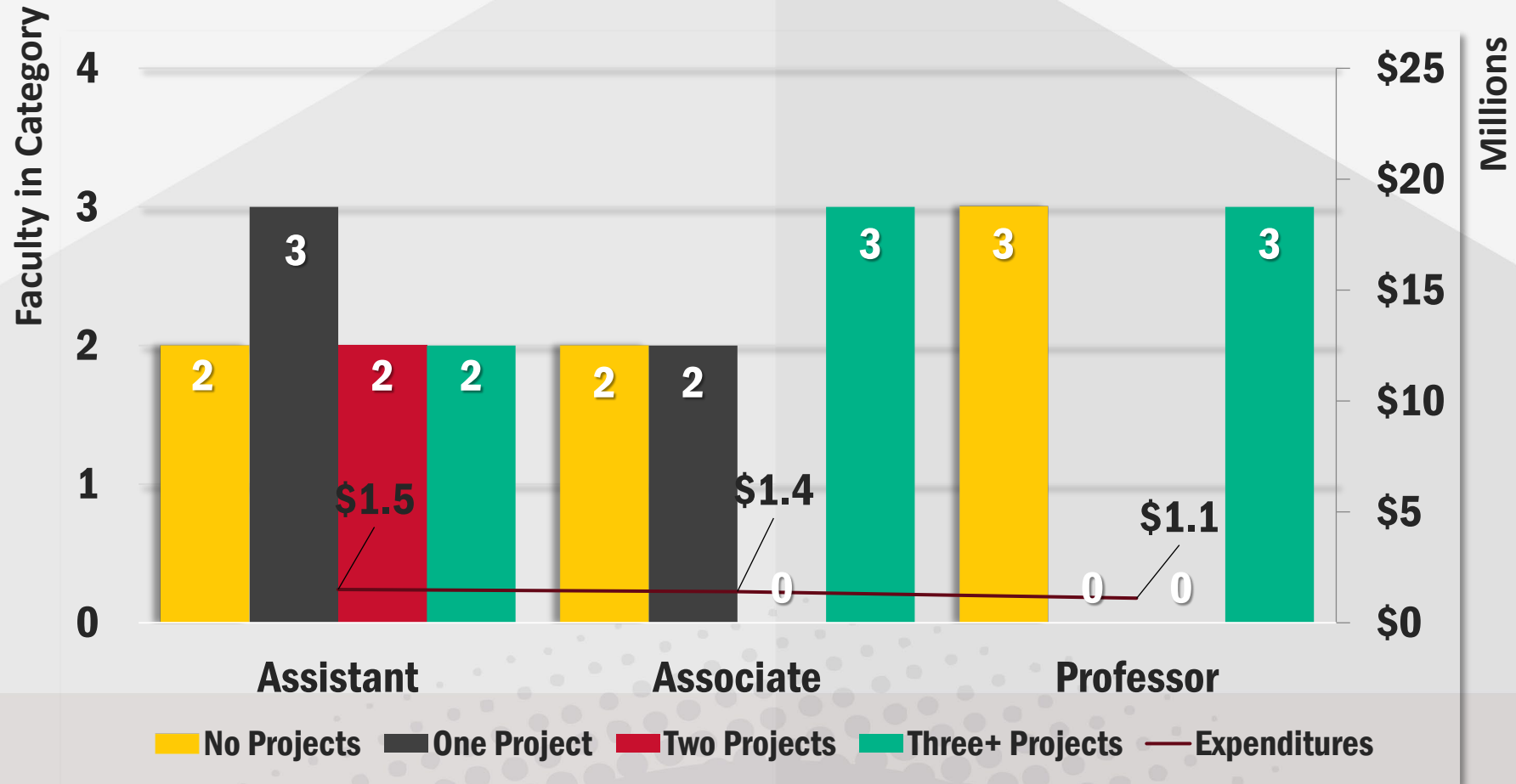
Active Projects and Expenditures - Education



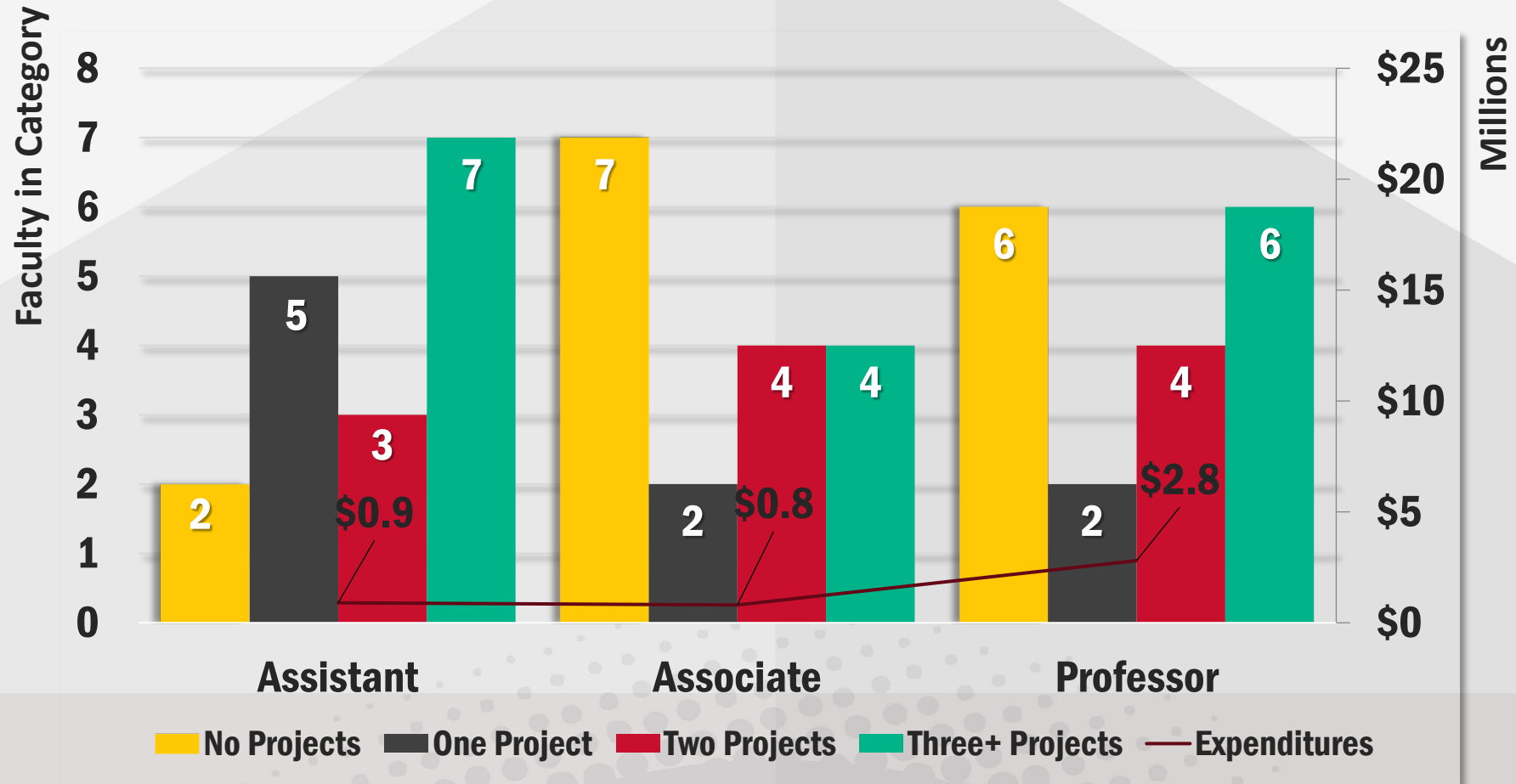
Active Projects and Expenditures - Optometry



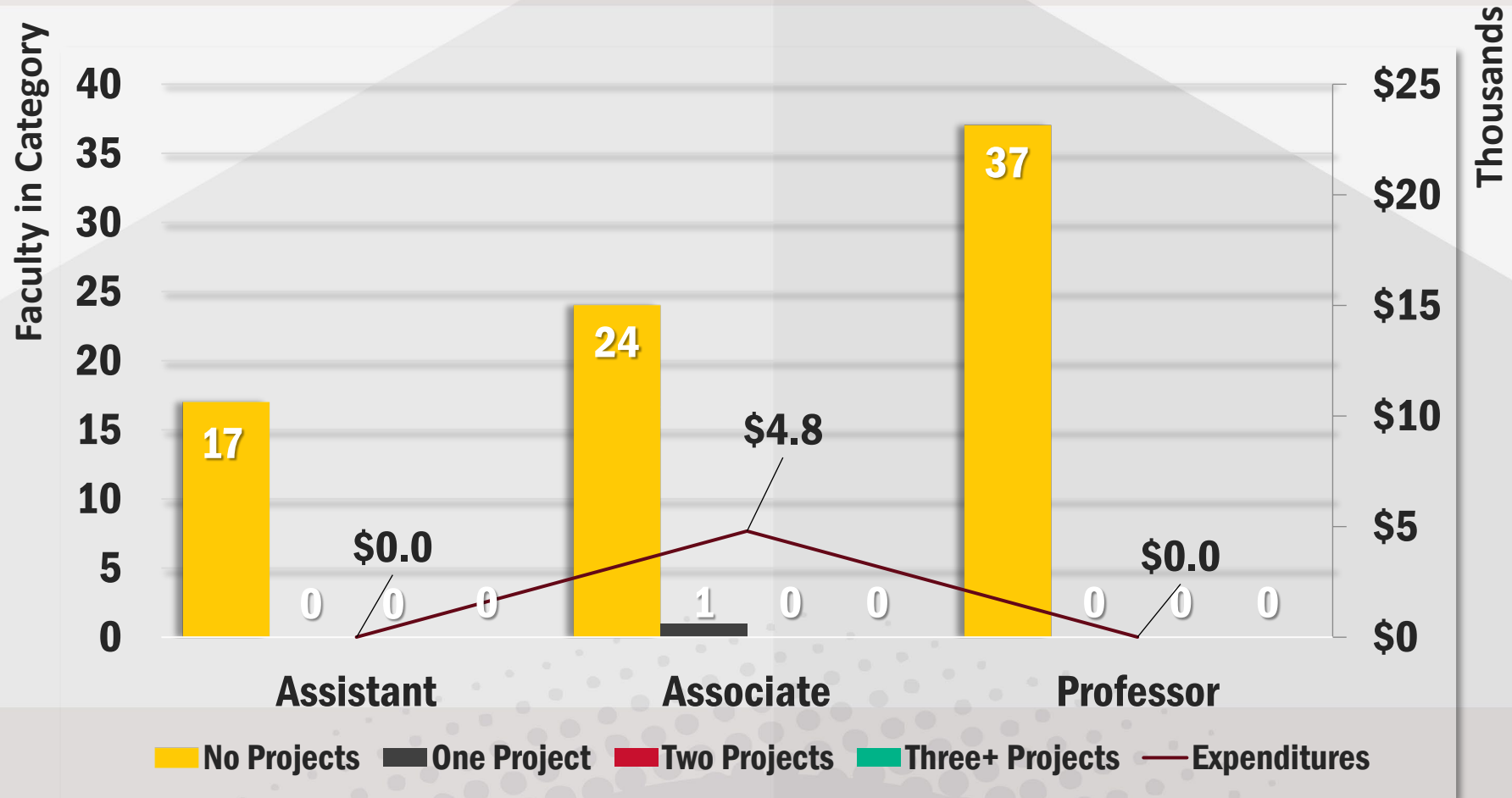
Active Projects and Expenditures – Social Work



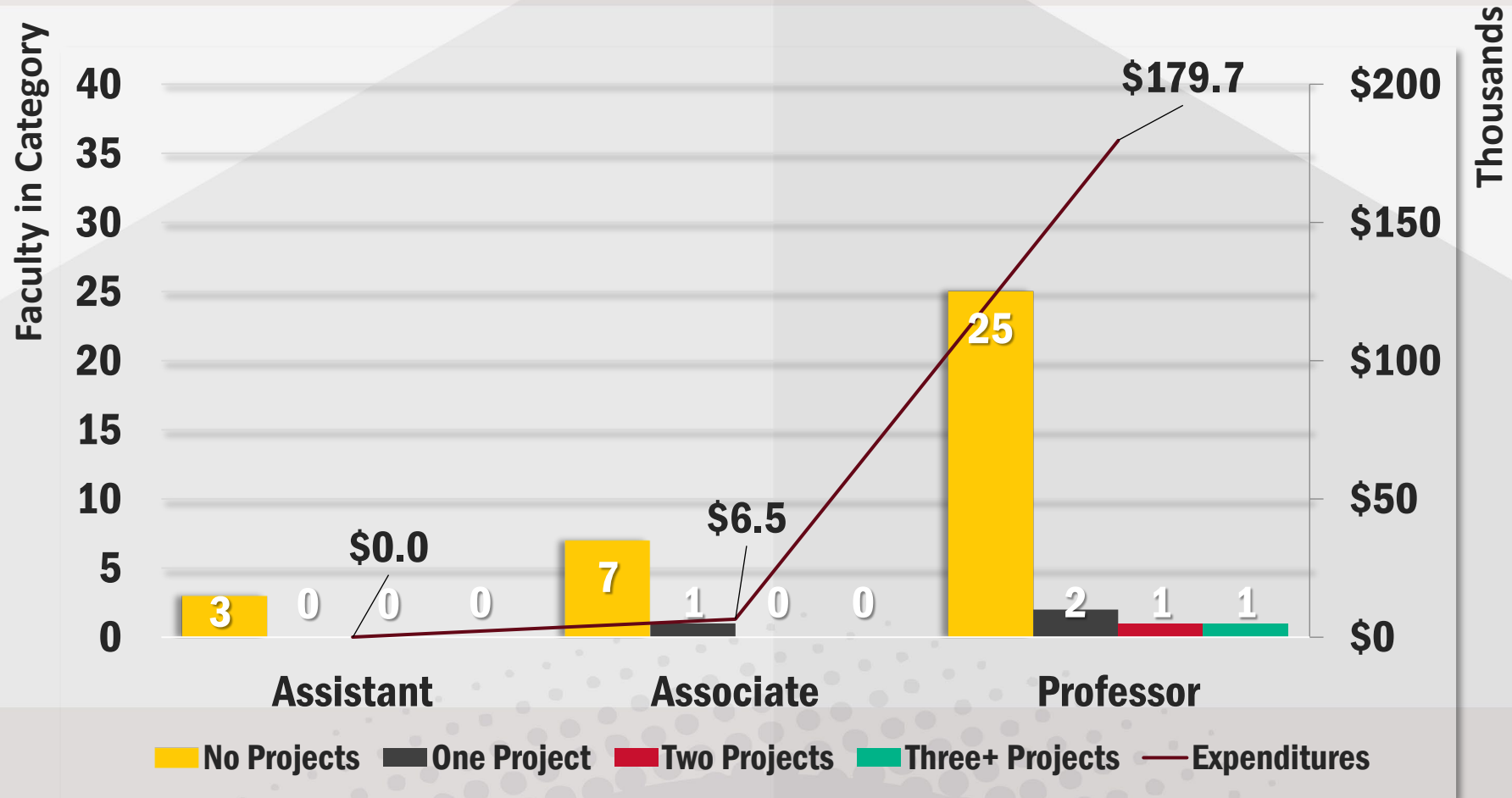
Active Projects and Expenditures – Technology



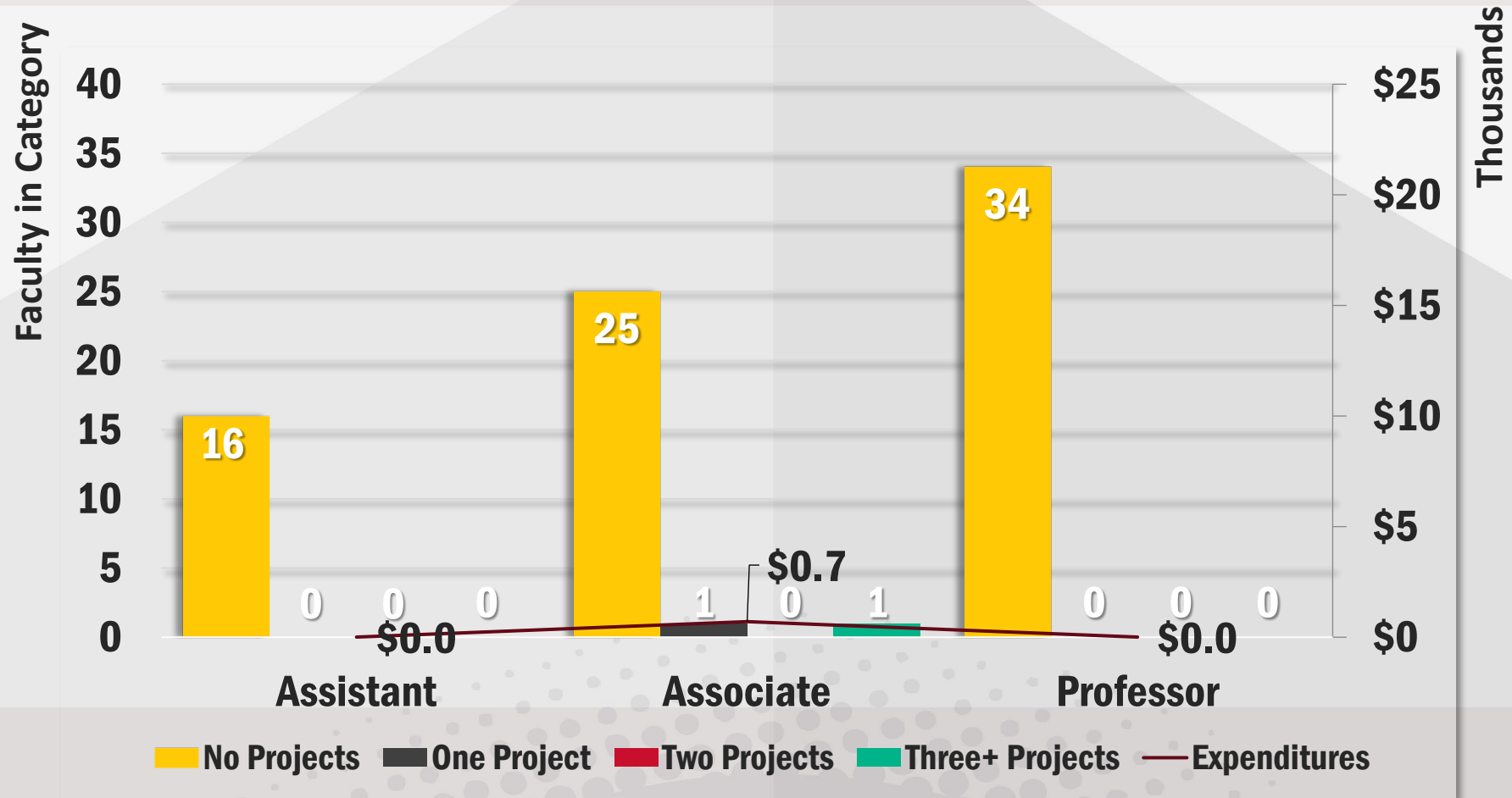
Active Projects and Expenditures – Business



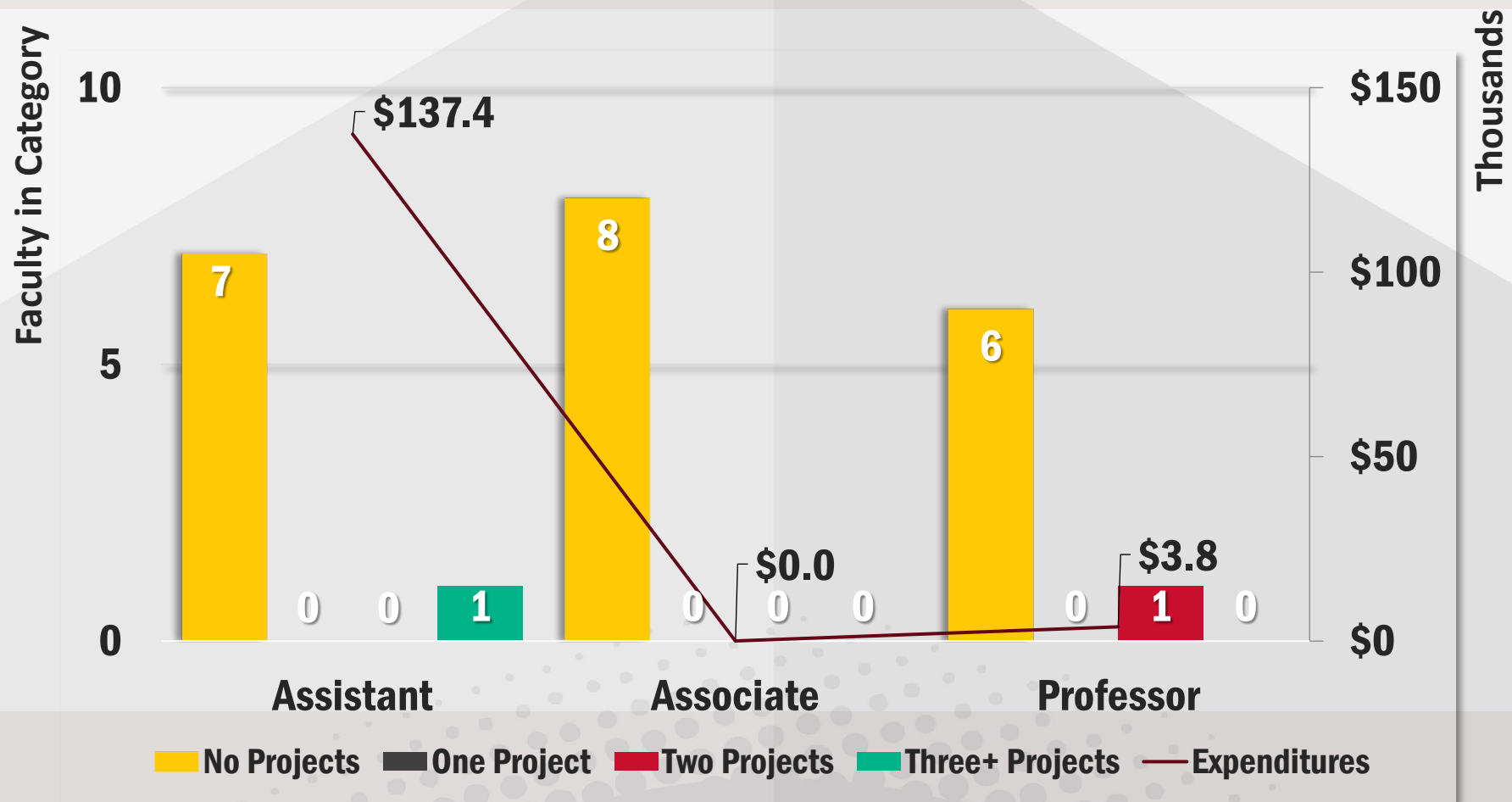
Active Projects and Expenditures – Law



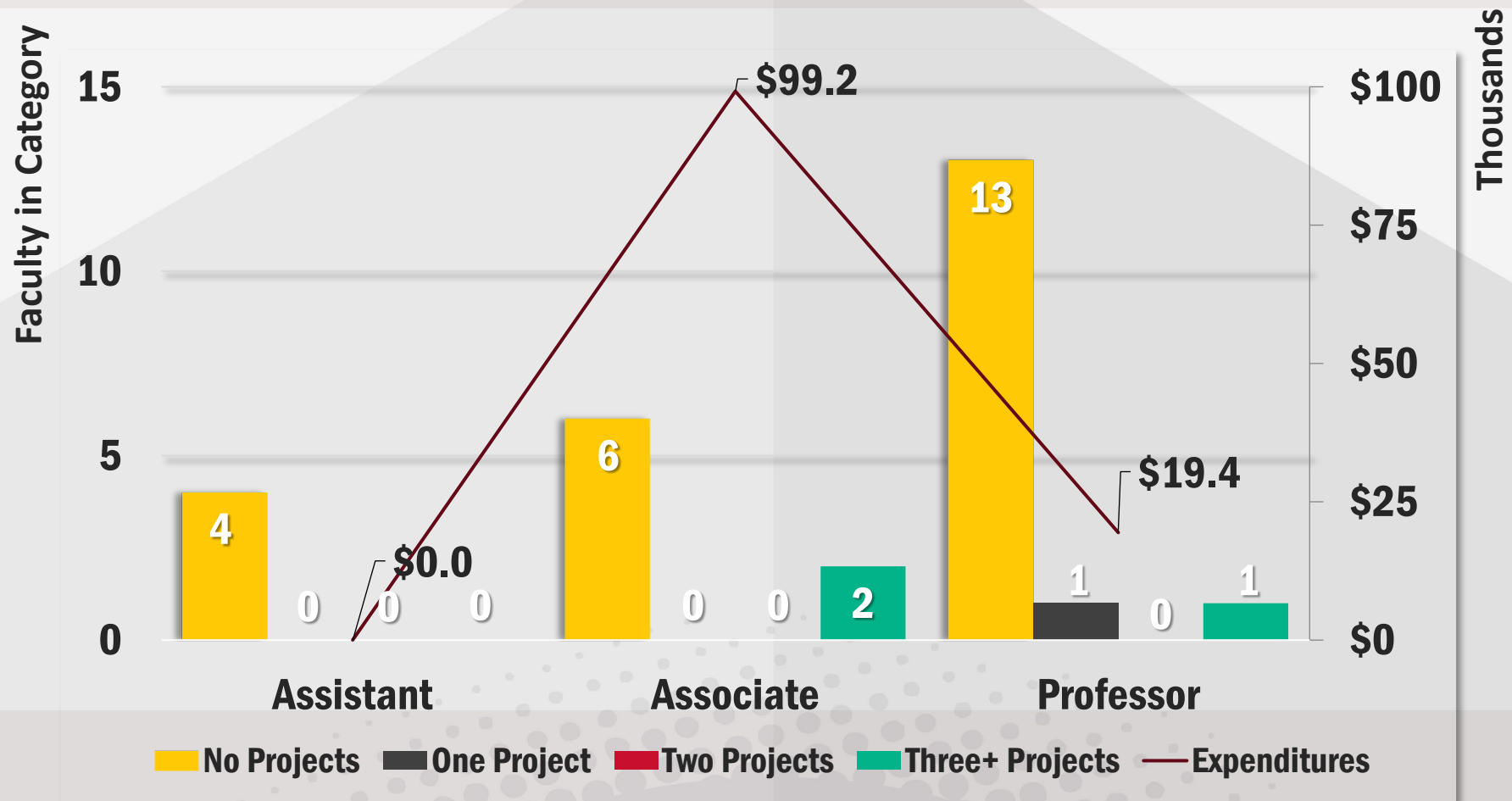
Active Projects and Expenditures – Arts



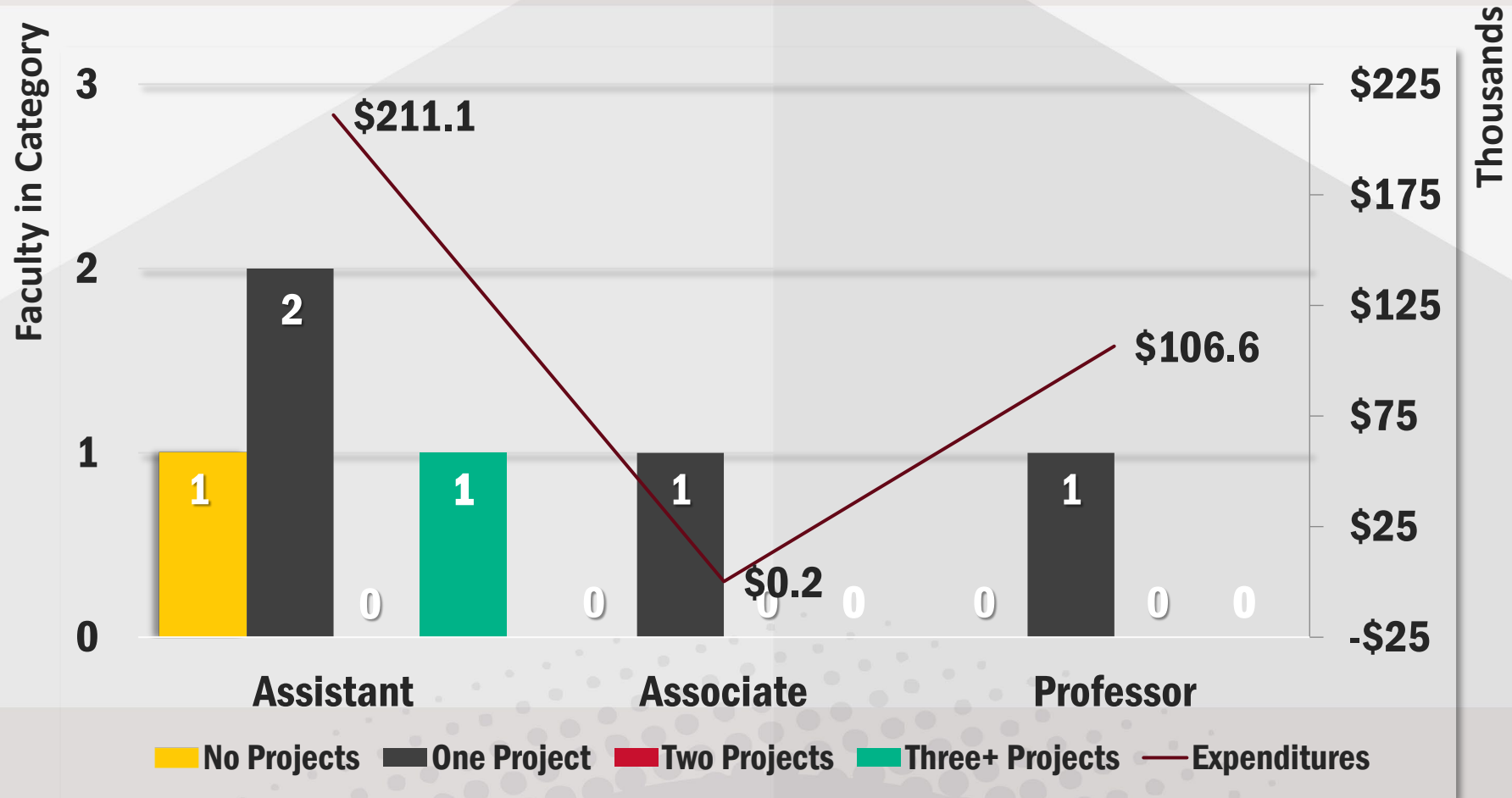
Active Projects and Expenditures – HRM



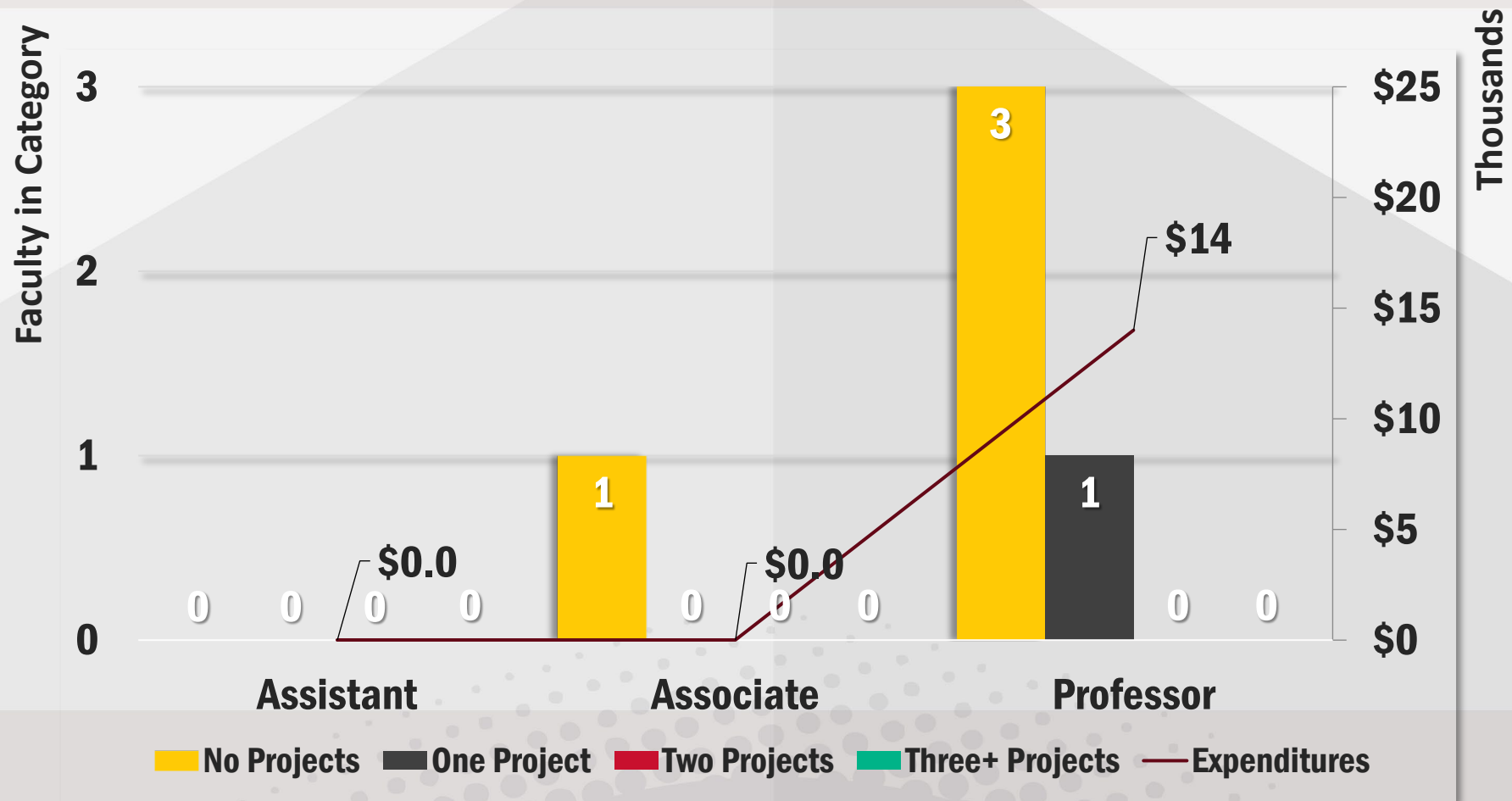
Active Projects and Expenditures – Architecture



Active Projects and Expenditures – Nursing



Active Projects and Expenditures – Hobby





Grants and Contracts Activity

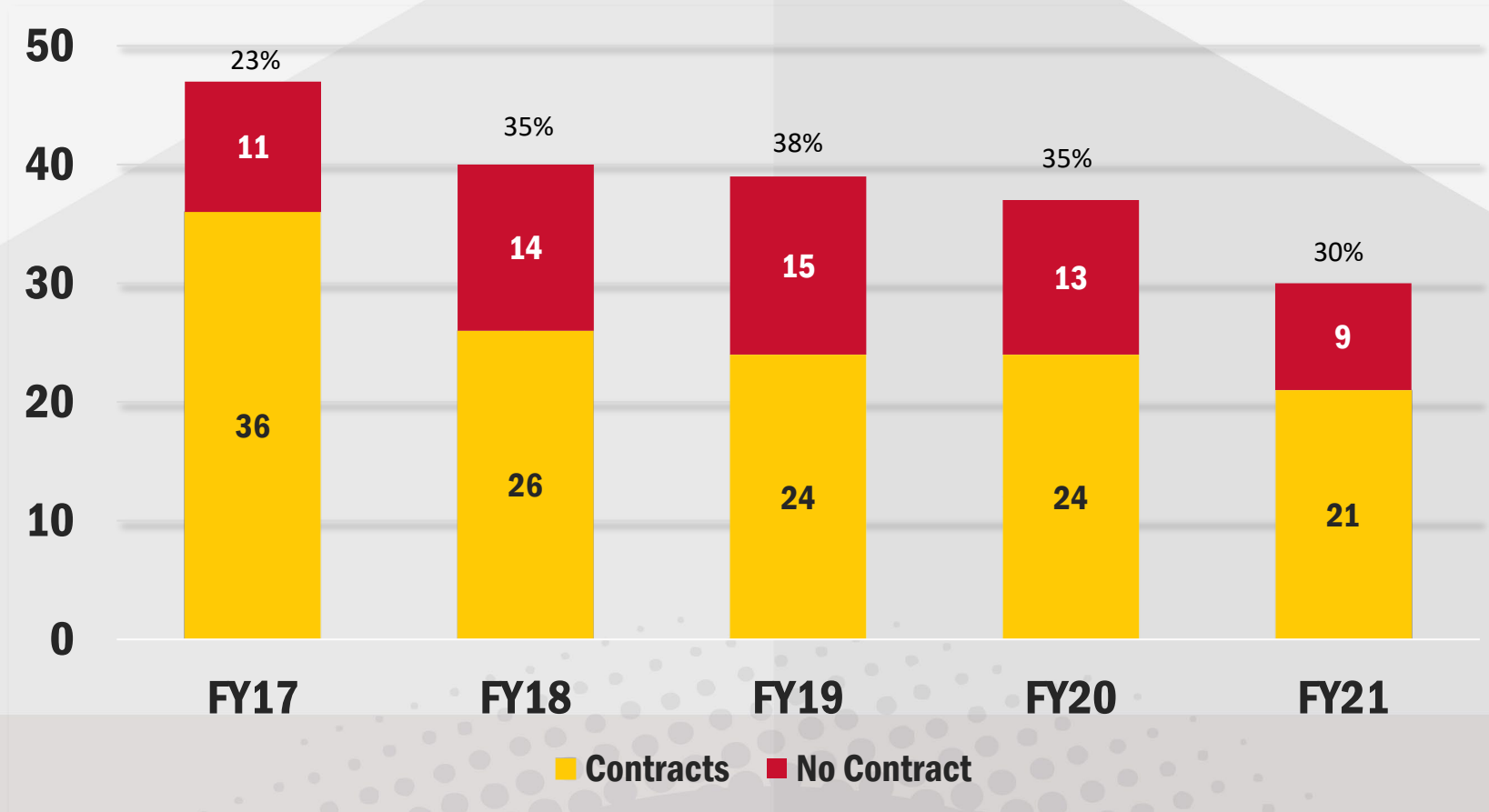
Assistant Professors
FY17-21

Data Sources: HR Tables, PS HR; Historical Academic Rank , Office of the Provost;
RD2K Awards Data Query; PeopleSoft Grants Awards Data Query

Scholarly Contributions

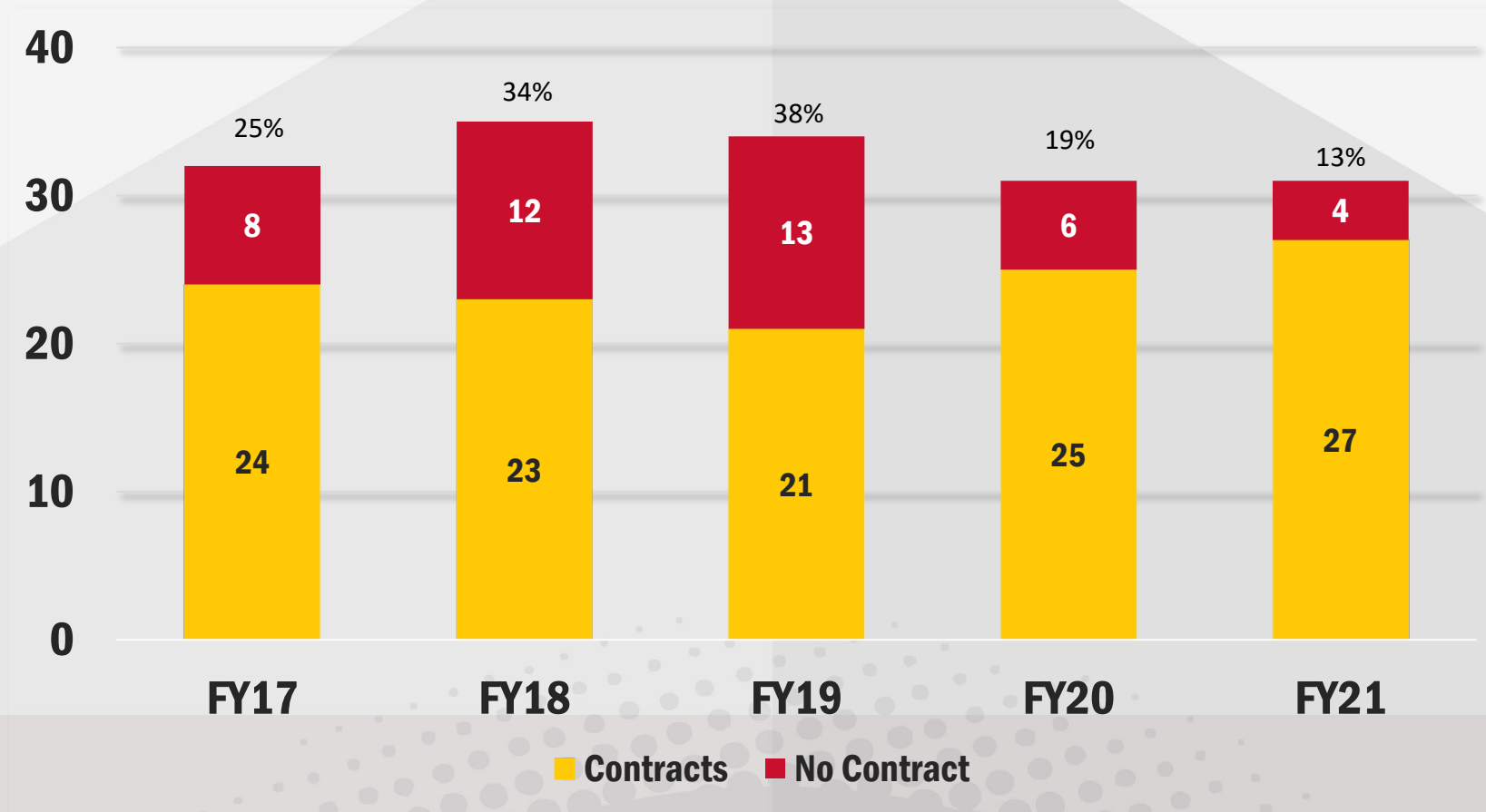
Assessing the productivity and scholarly contributions of faculty is complex and varies between disciplines and even sub-disciplines. The following set of slides includes an assessment of externally funded research in the form of grants and contracts where assistant professors are PIs or co-PIs. There are many other forms of scholarly contributions that faculty in academic units make, including scholarly papers, reports, essays, books, and other forms of sharing intellectual work and outputs.

Assistant Professor Contracts - NSM



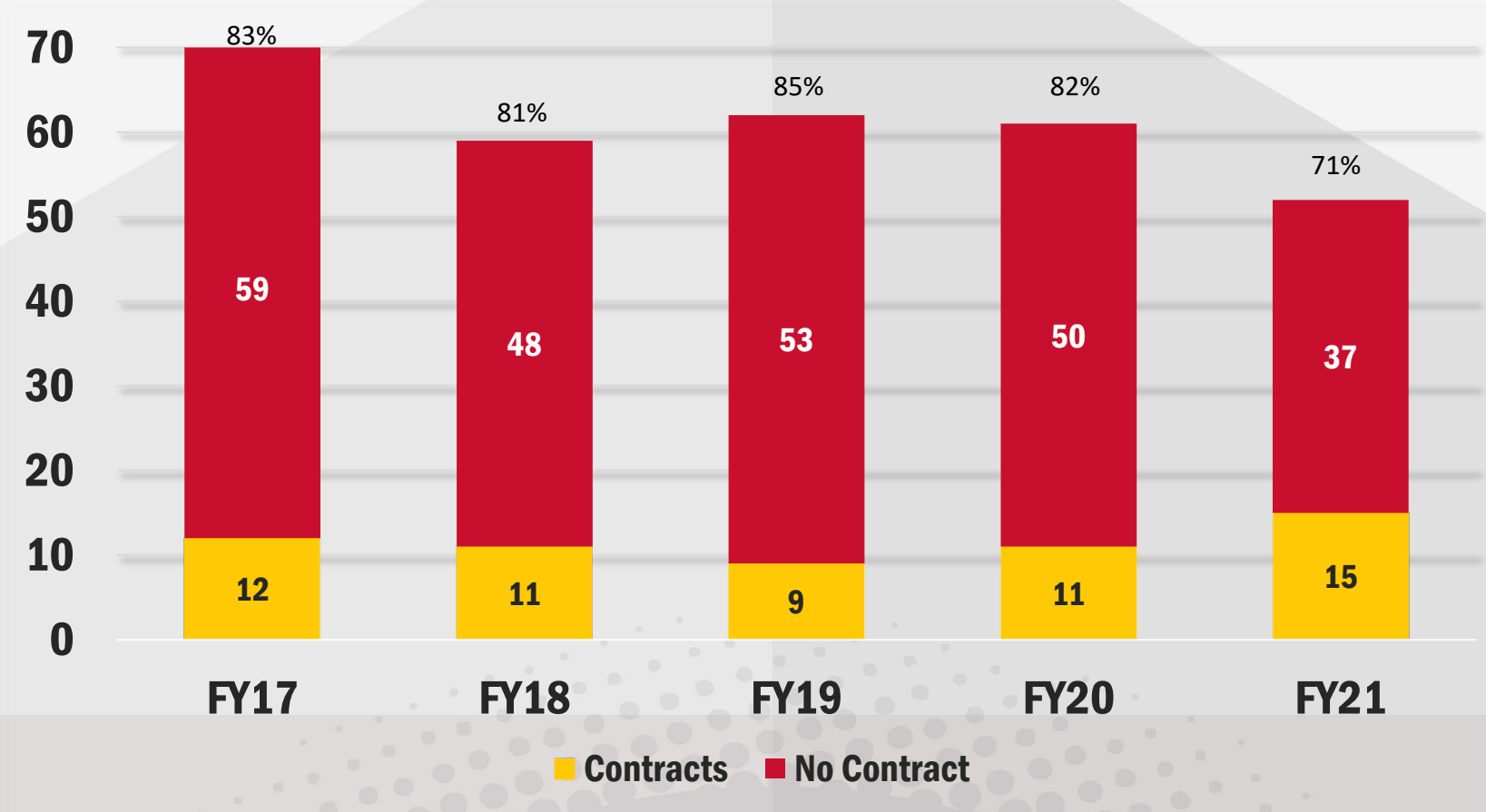
% of Assistant Professors who do not have research contracts

Assistant Professor Contracts - Engineering



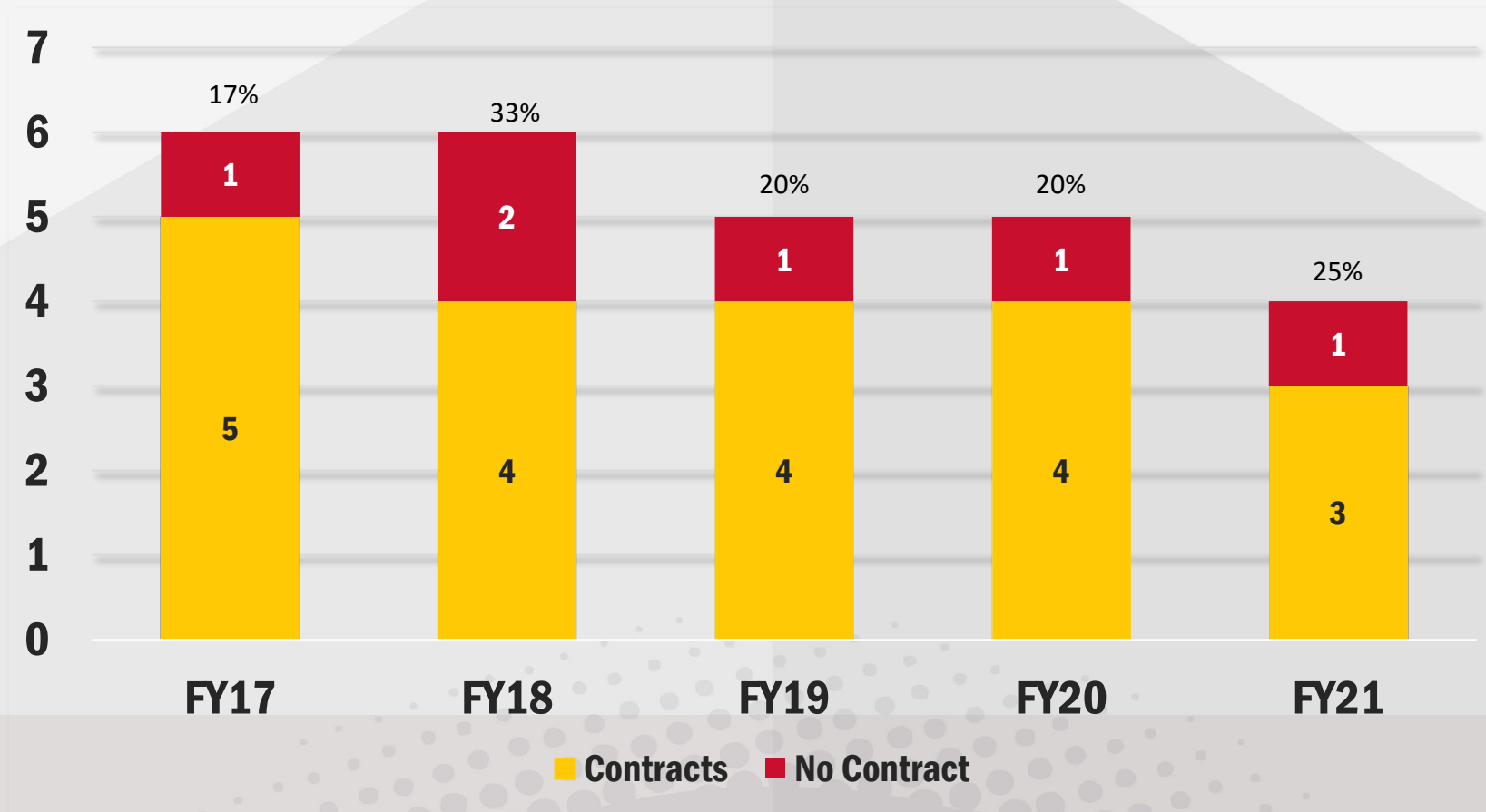
% of Assistant Professors who do not have research contracts

Assistant Professor Contracts - CLASS



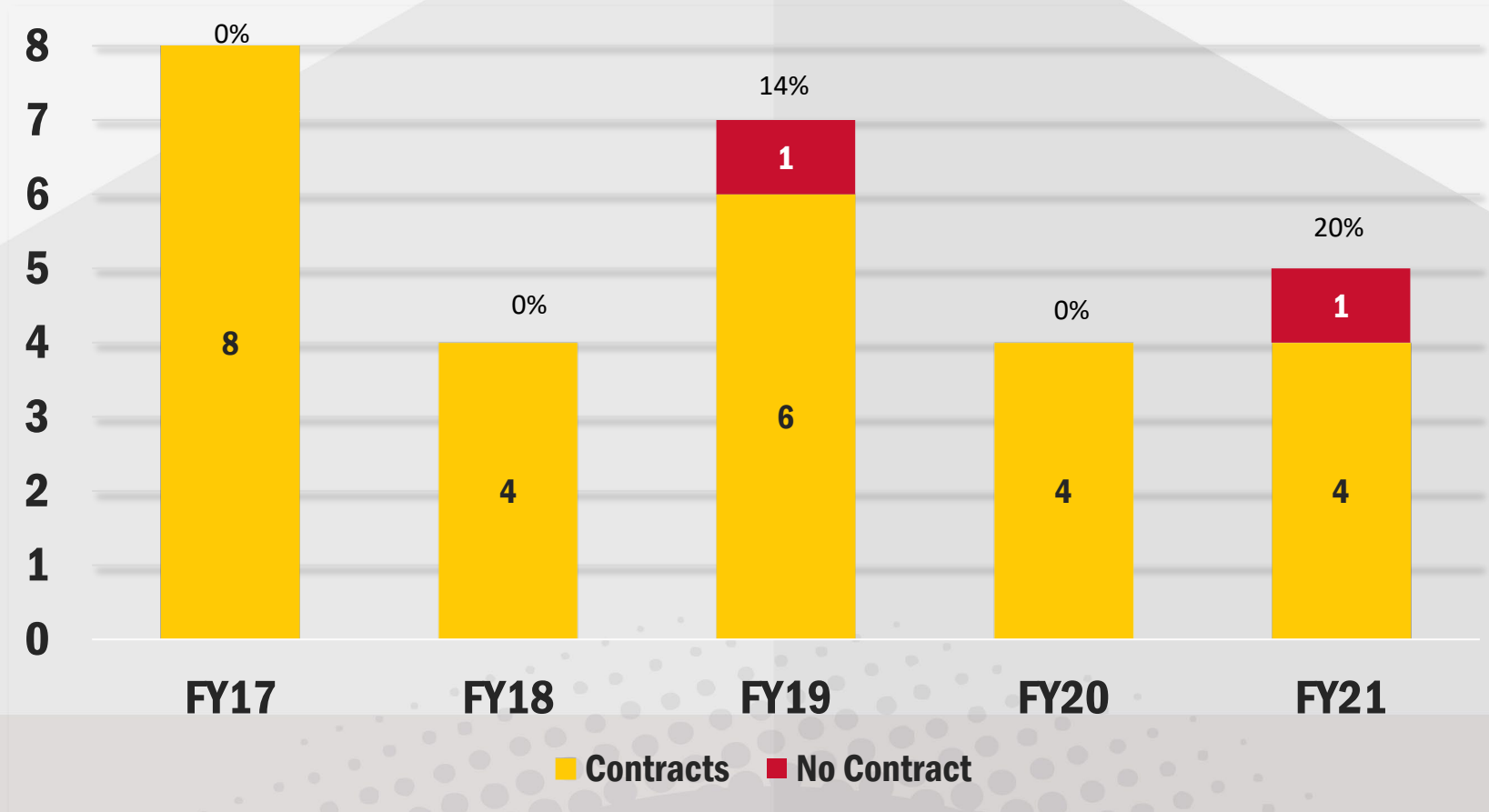
% of Assistant Professors who do not have research contracts

Assistant Professor Contracts - Optometry



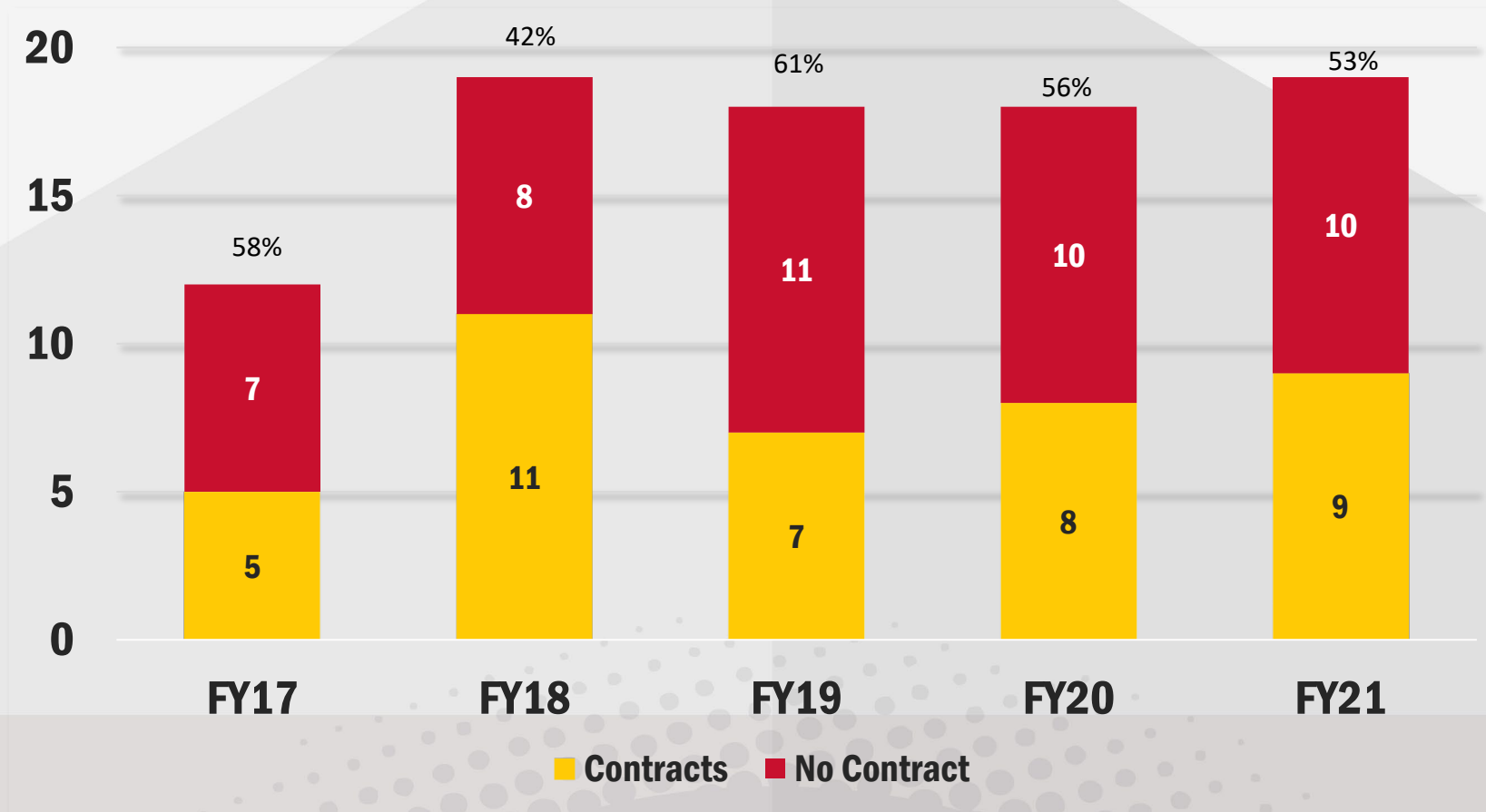
% of Assistant Professors who do not have research contracts

Assistant Professor Contracts - Pharmacy



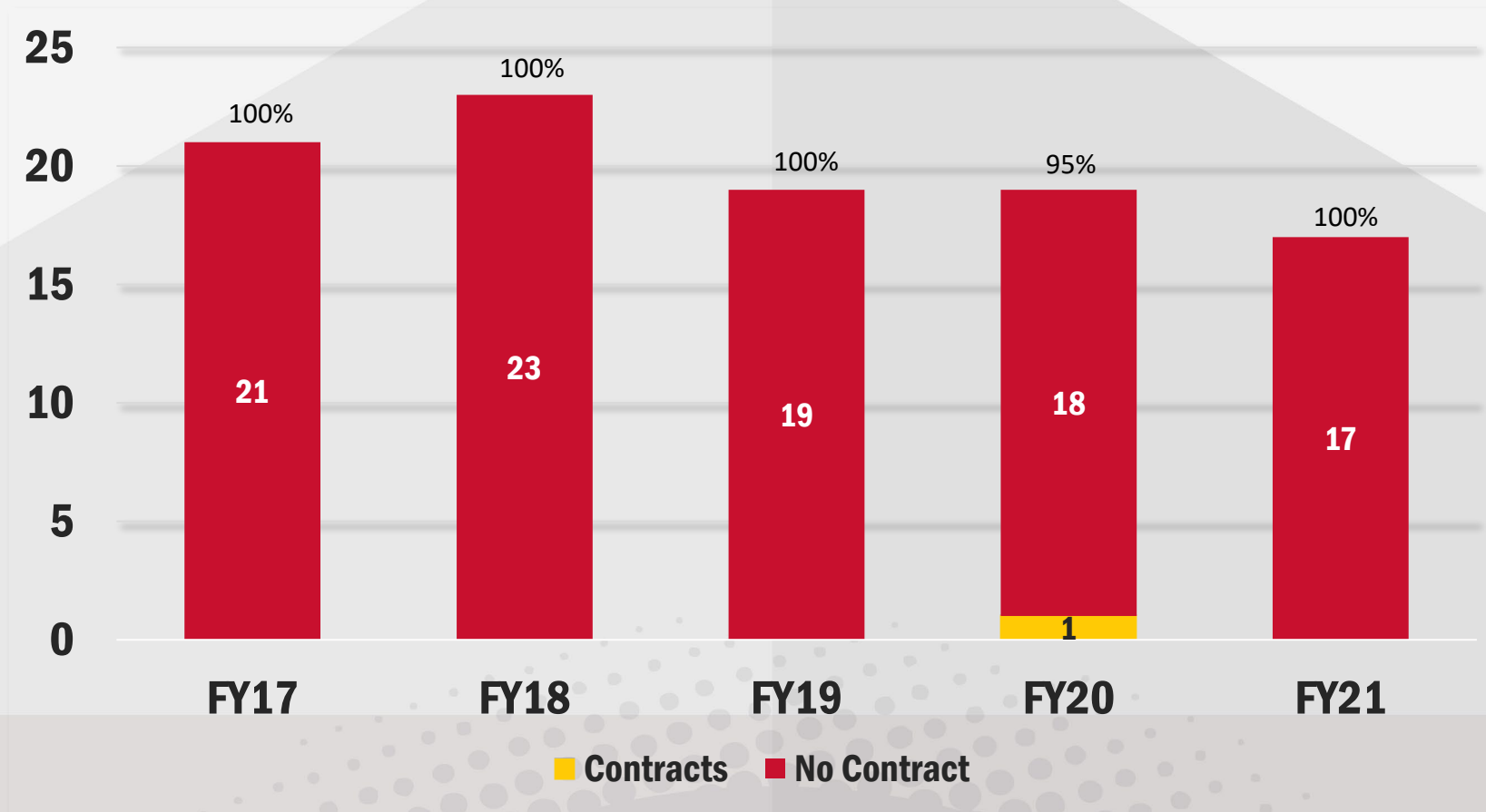
% of Assistant Professors who do not have research contracts

Assistant Professor Contracts - Education



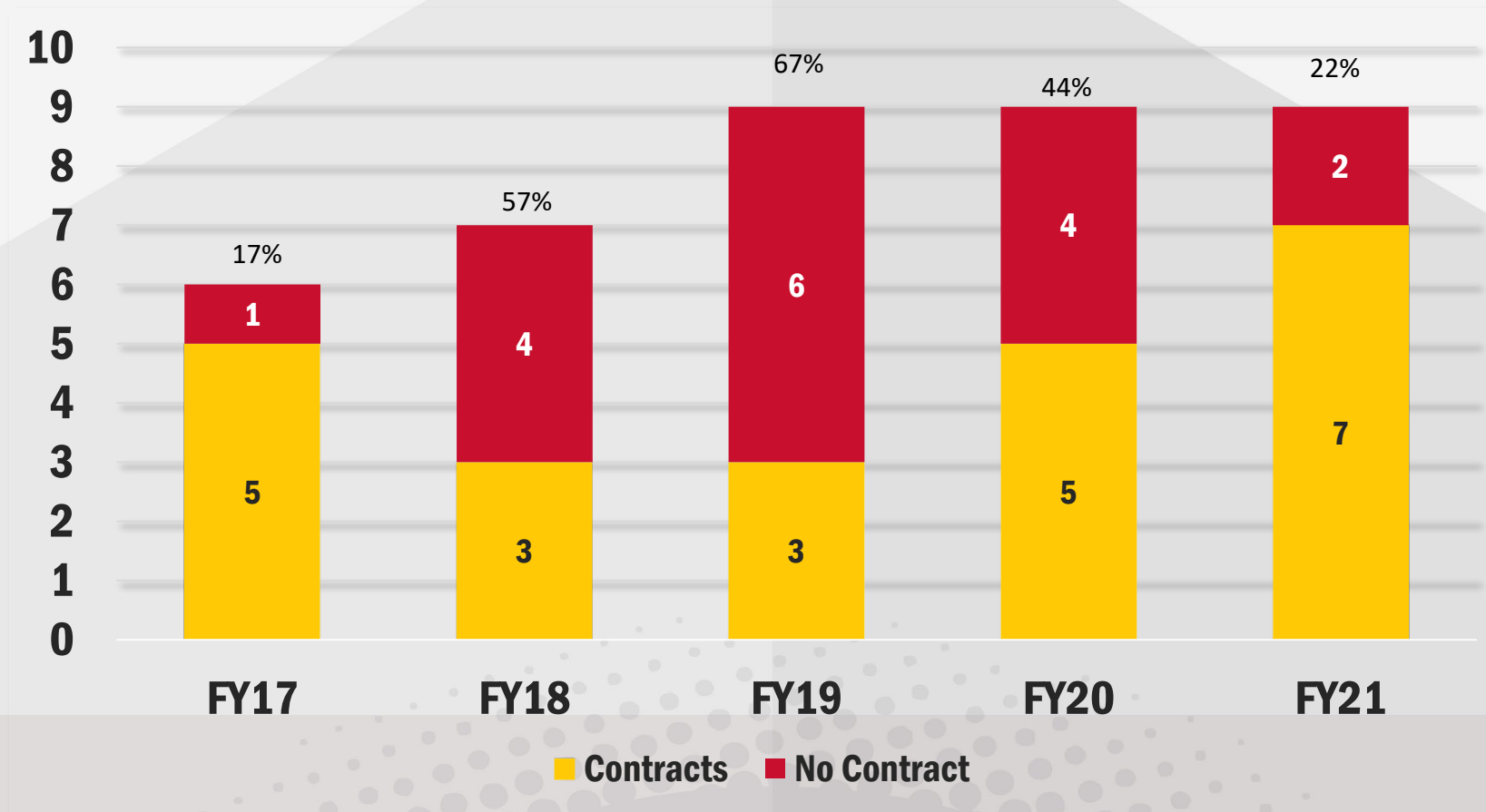
% of Assistant Professors who do not have research contracts

Assistant Professor Contracts - Business



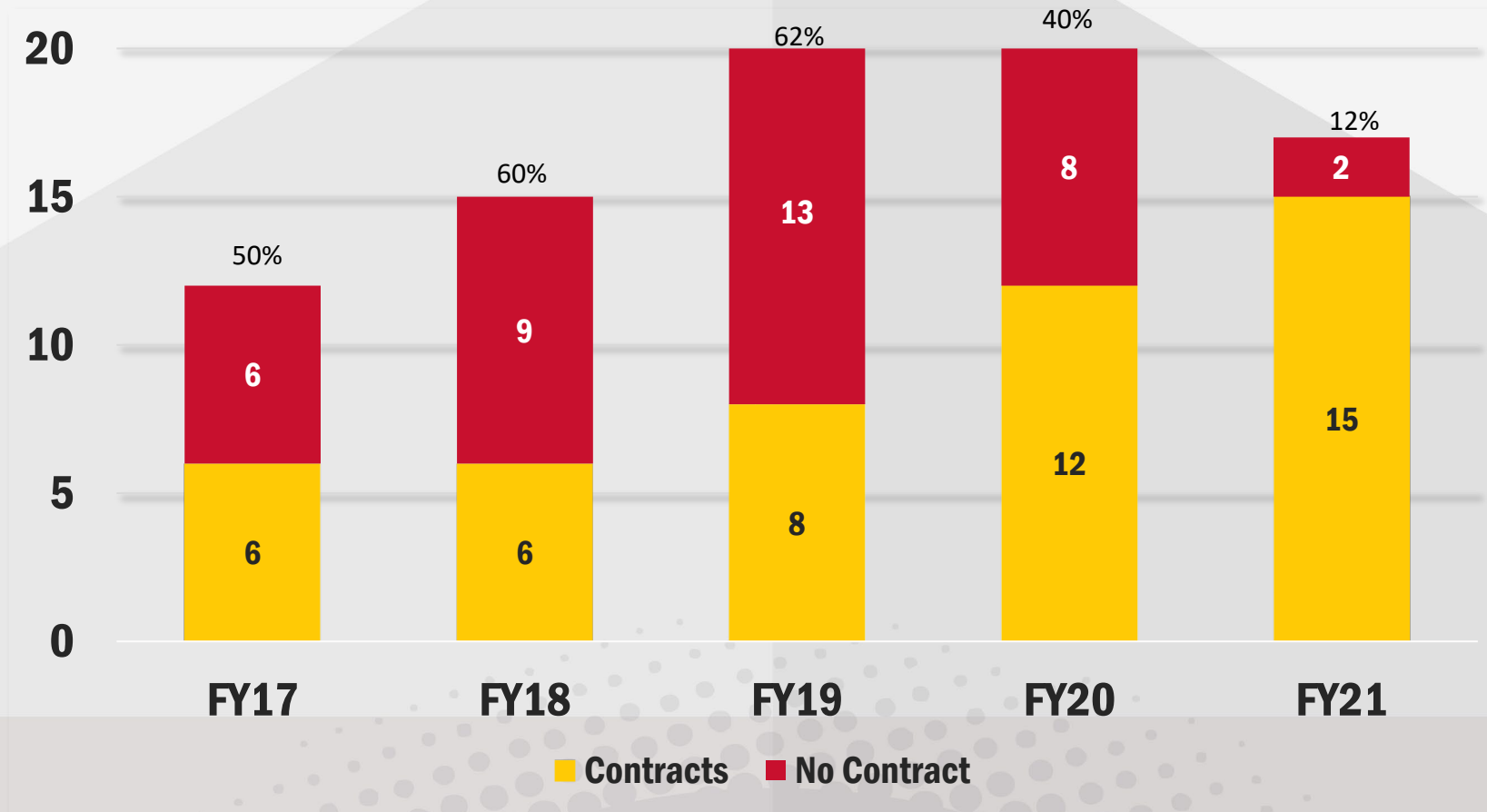
% of Assistant Professors who do not have research contracts

Assistant Professor Contracts – Social Work



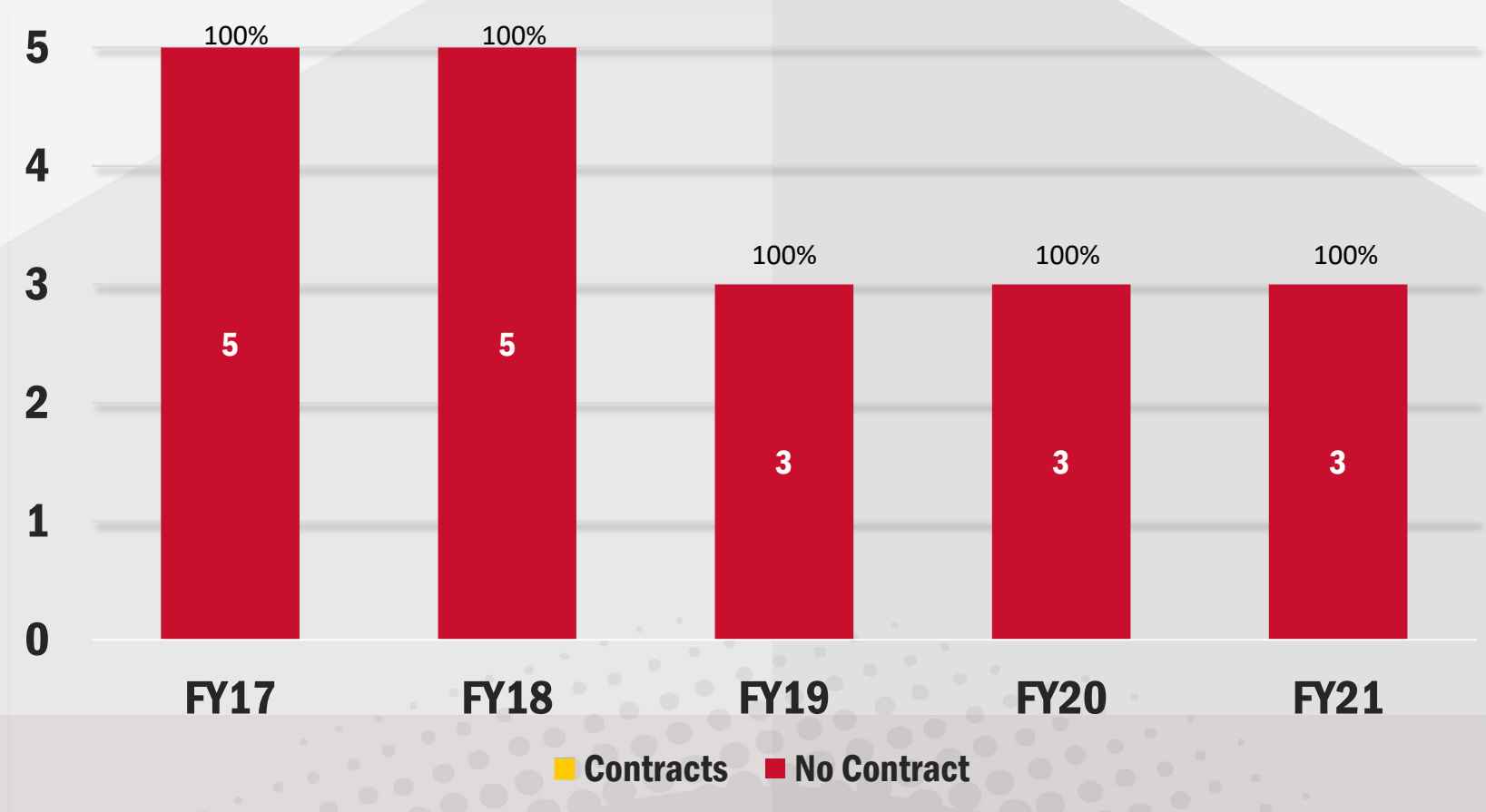
% of Assistant Professors who do not have research contracts

Assistant Professor Contracts – Technology



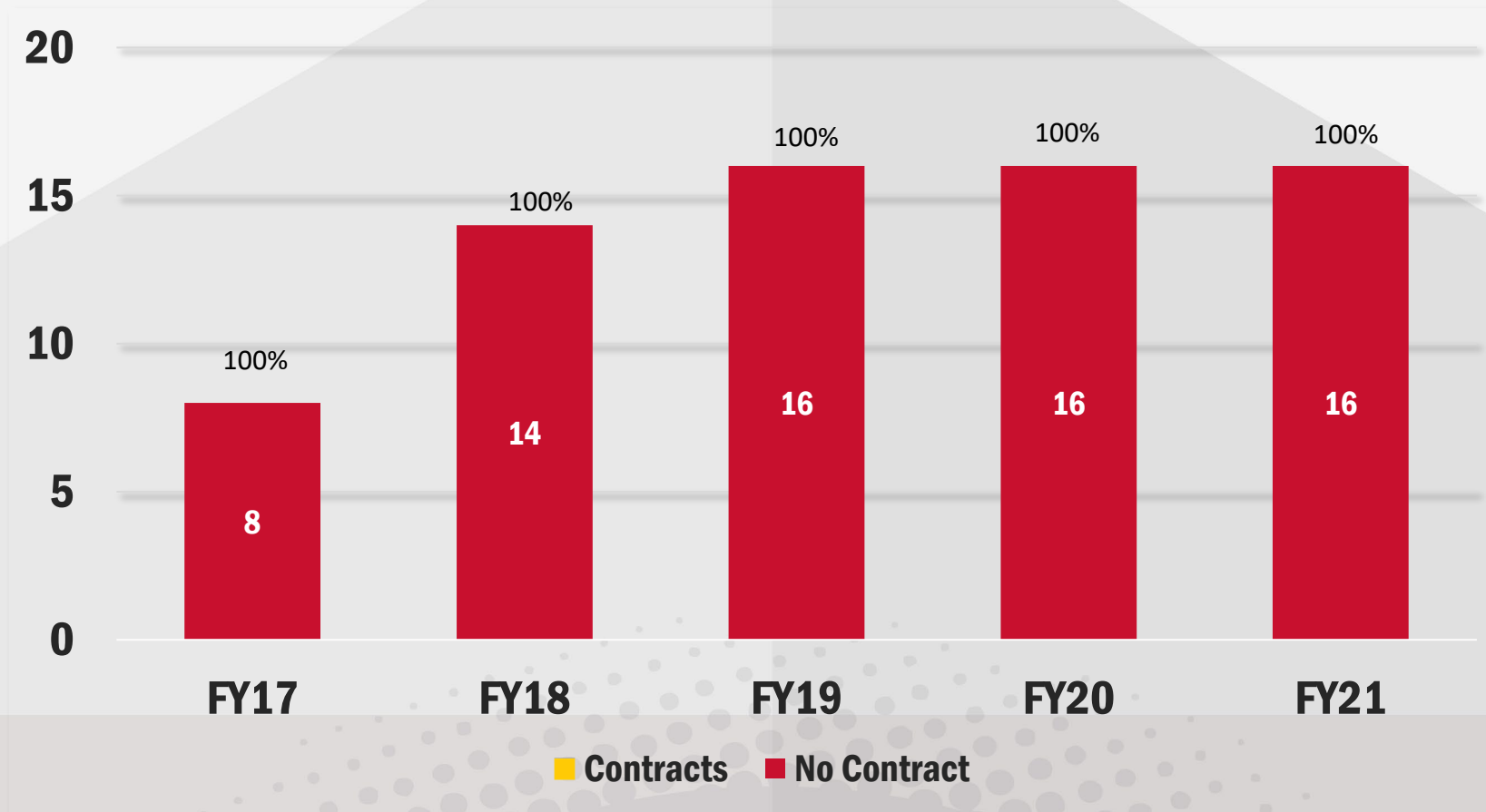
% of Assistant Professors who do not have research contracts

Assistant Professor Contracts – Law



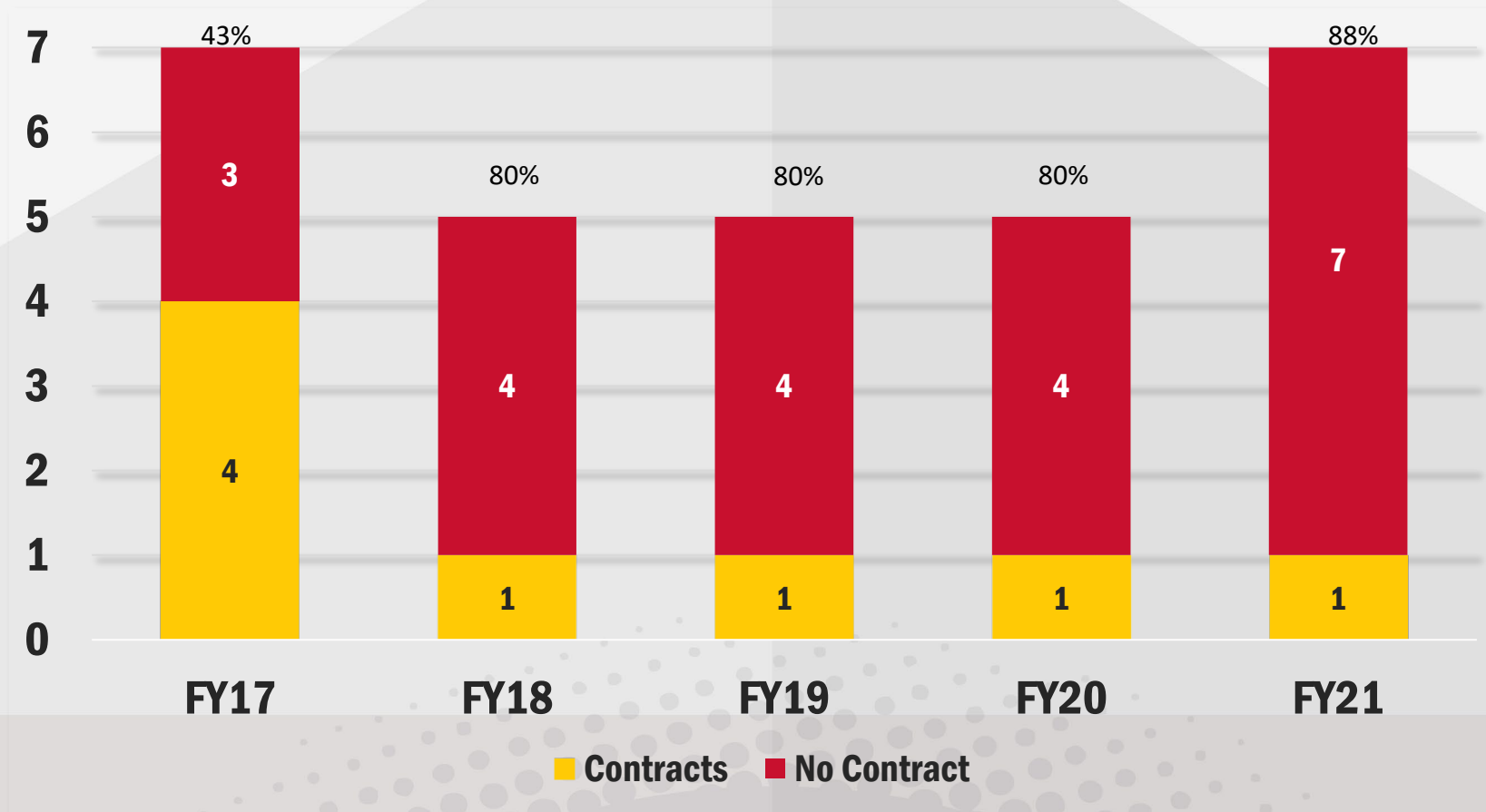
% of Assistant Professors who do not have research contracts

Assistant Professor Contracts – Arts



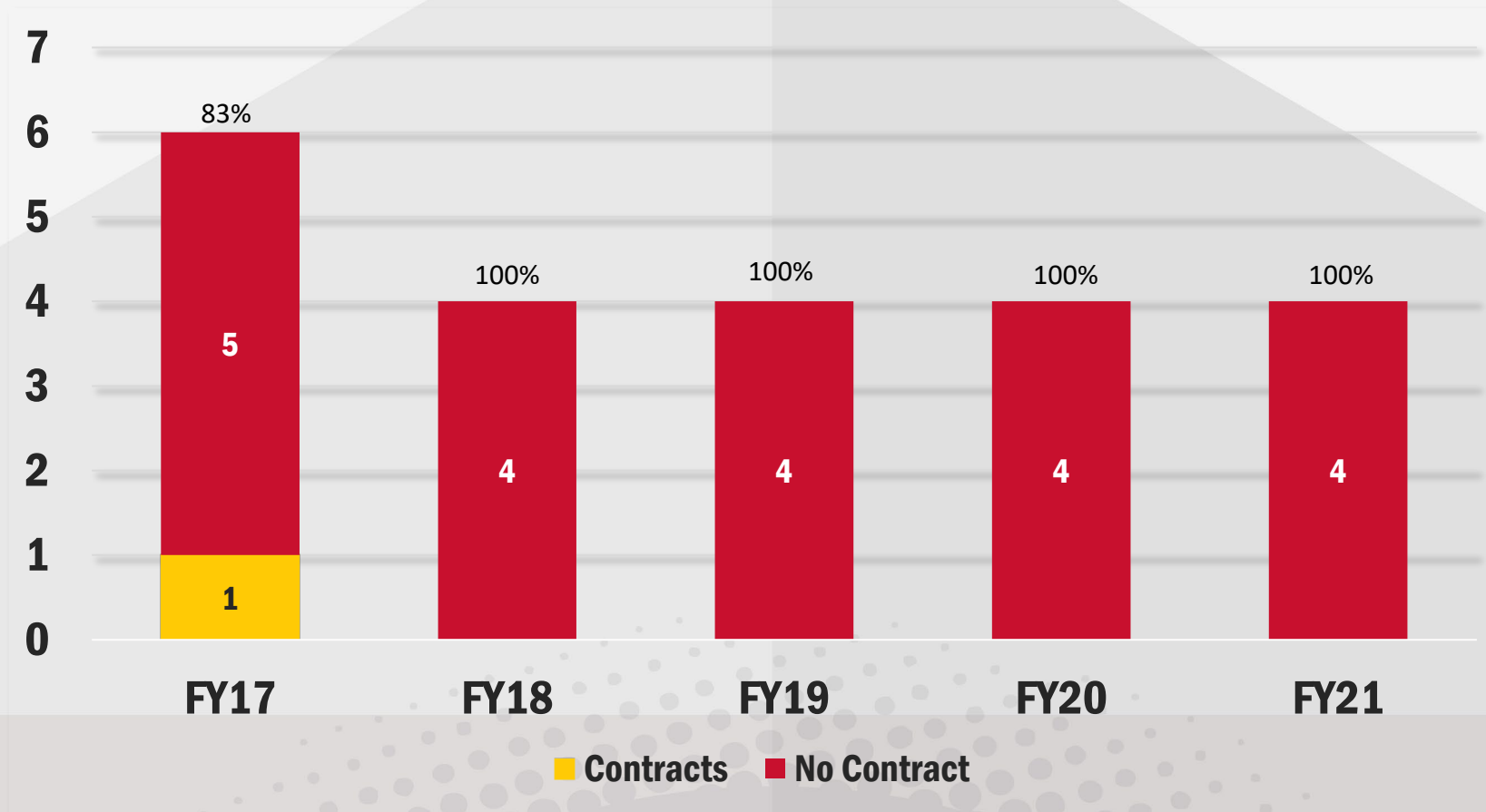
% of Assistant Professors who do not have research contracts

Assistant Professor Contracts – HRM



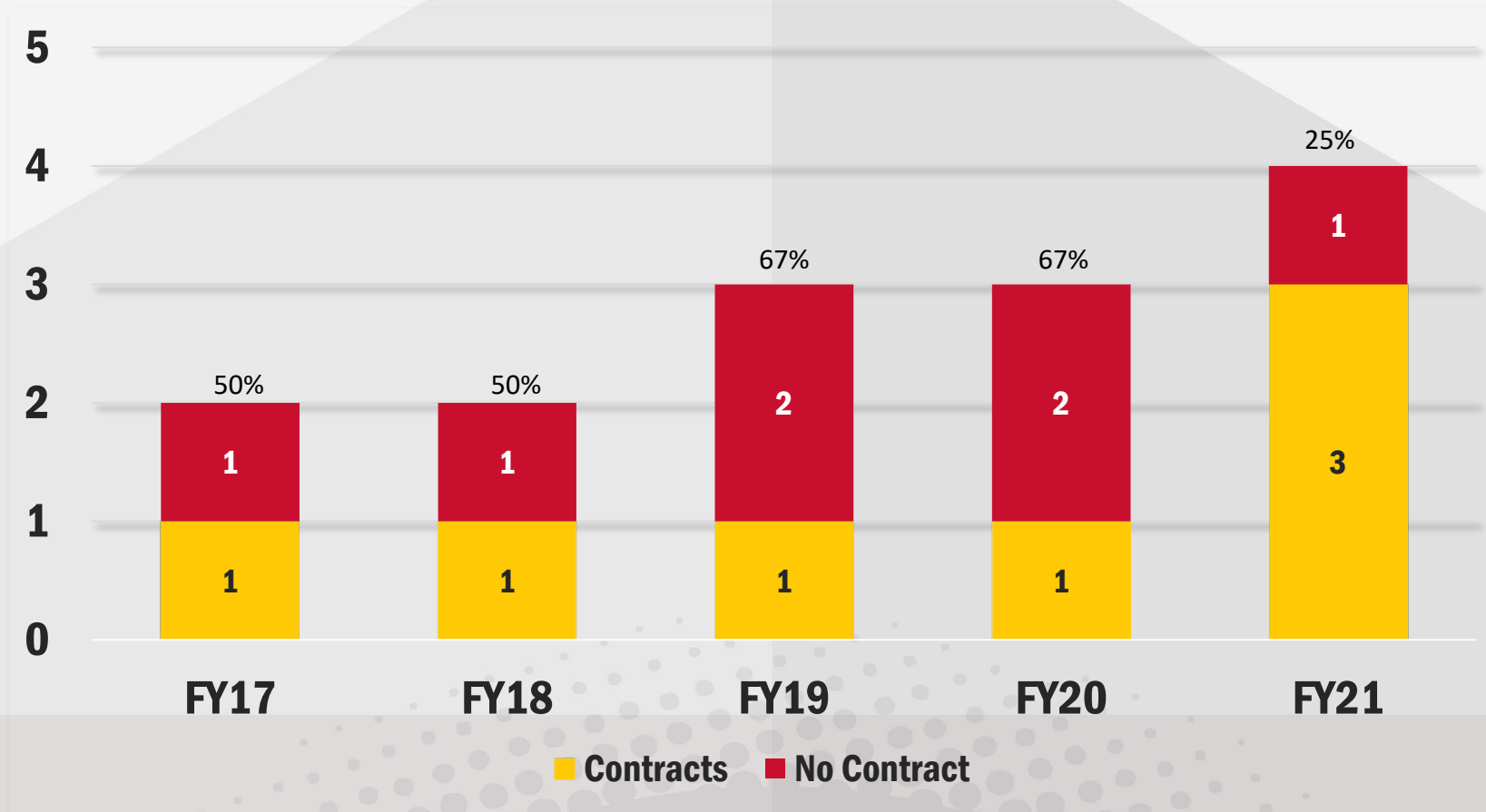
% of Assistant Professors who do not have research contracts

Assistant Professor Contracts – Architecture



% of Assistant Professors who do not have research contracts

Assistant Professor Contracts – Nursing



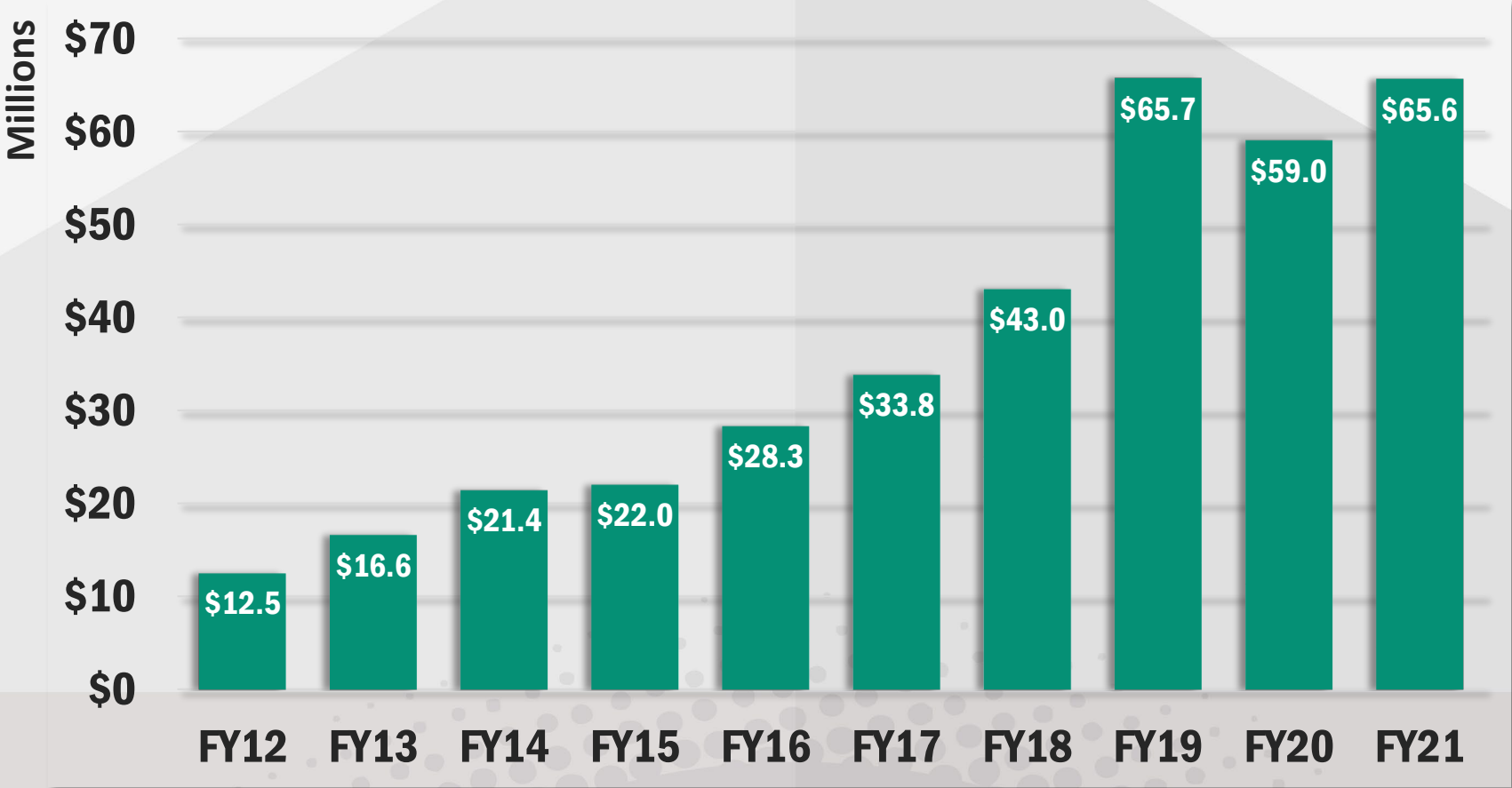
% of Assistant Professors who do not have research contracts

FY21

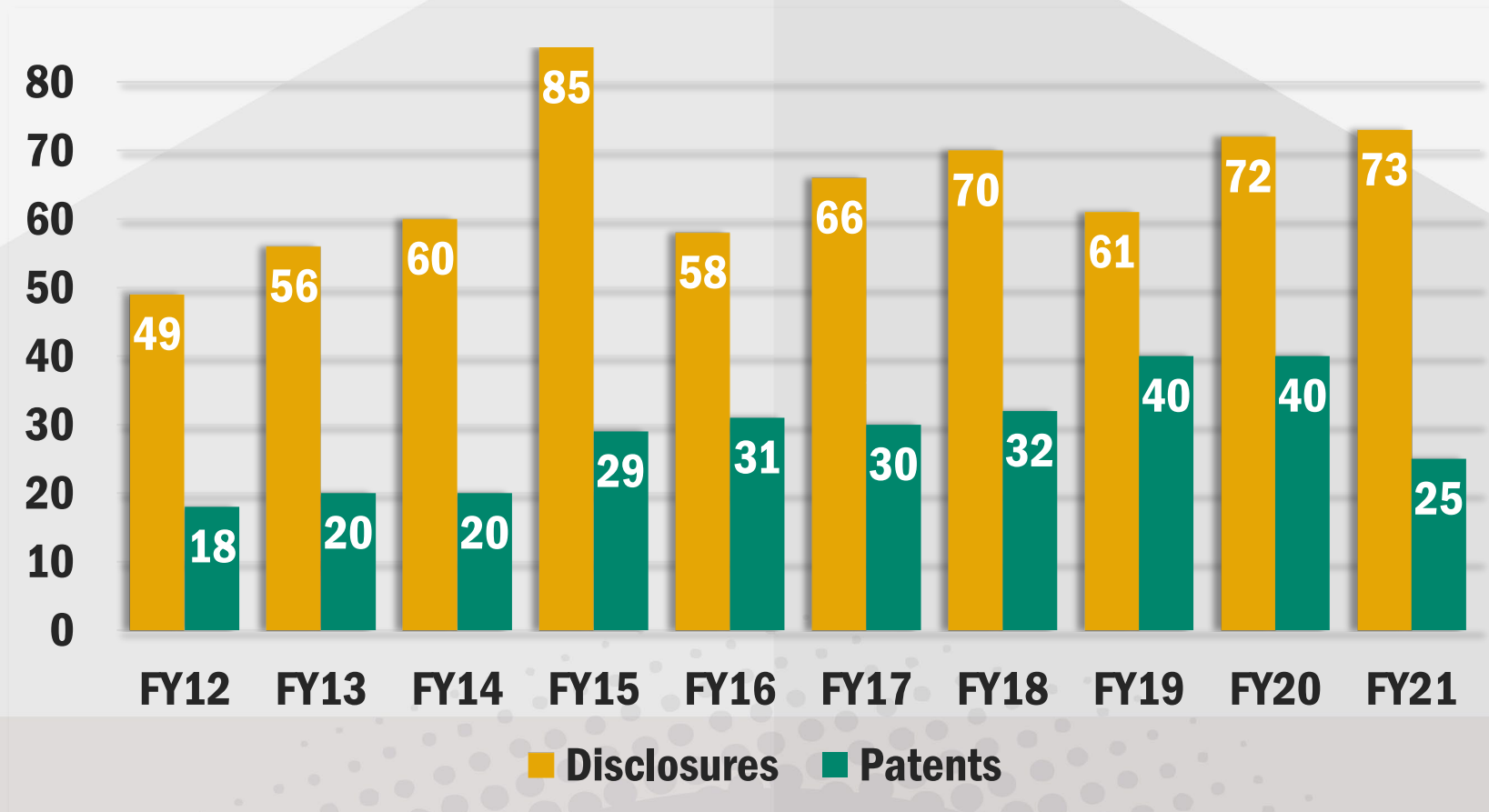
Technology Transfer Activity



Licensing Income



Patents and Disclosures



TO SERVE

the research community, grad students, keeping us compliant, satisfying client requirements, protecting our intellectual and financial interests

TO LEAD

managing the conversations, institutional research priorities, leading the implementation, supporting the broader view of individual and small-group research

uh.edu/research
uh.edu/innovation

