

A photograph of a female scientist in a white lab coat and safety goggles, focused on adjusting a microscope. The scene is lit with dramatic blue and red lights, creating a high-tech, research-oriented atmosphere. The background shows various laboratory equipment and a blurred figure of another person.

FY18

Research Expenditure
and Proposal
Activities

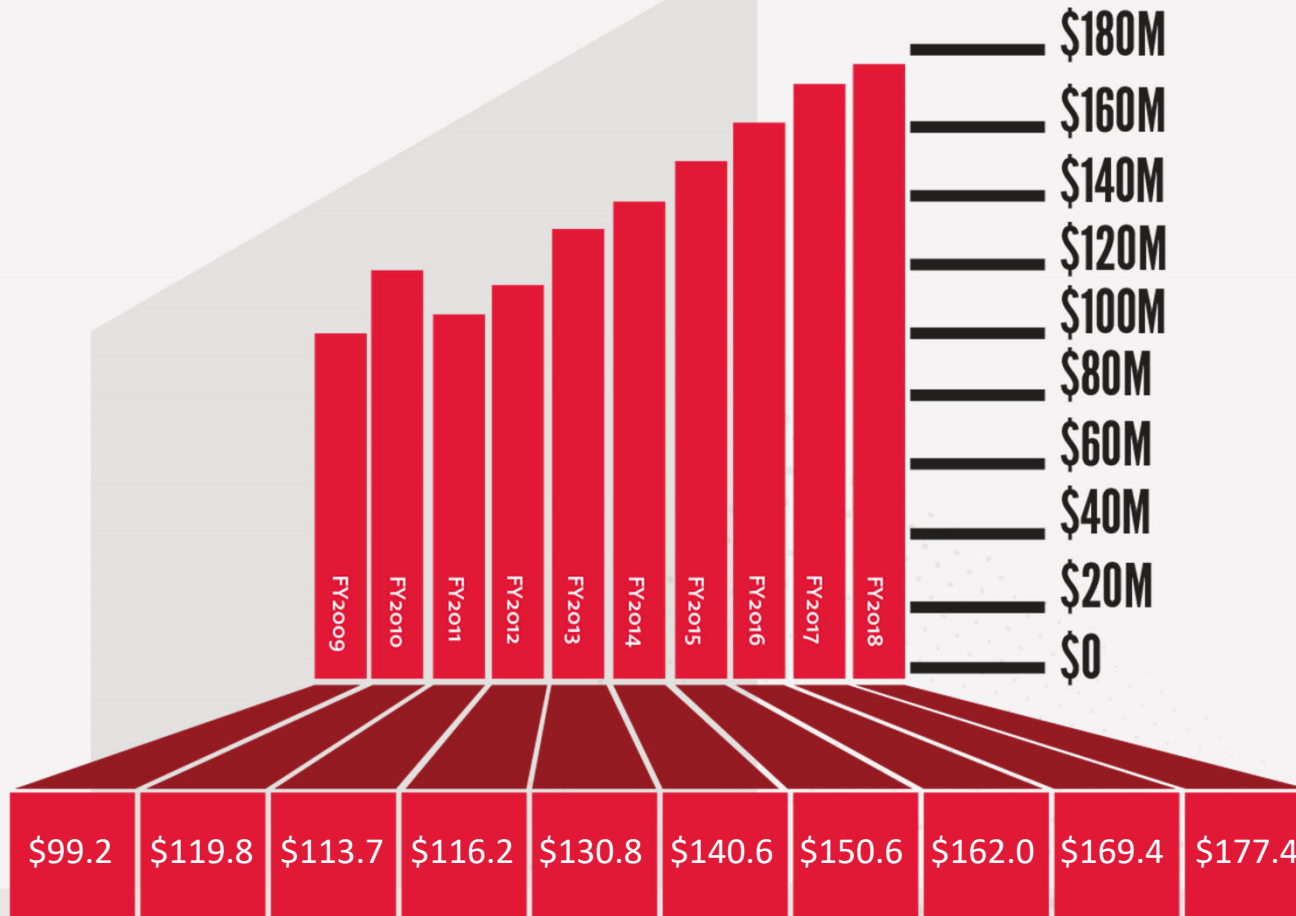
UNIVERSITY of
HOUSTON
DIVISION OF RESEARCH



Overview

UNIVERSITY of
HOUSTON
DIVISION OF RESEARCH

FY18 Total Research Expenditures - NSF



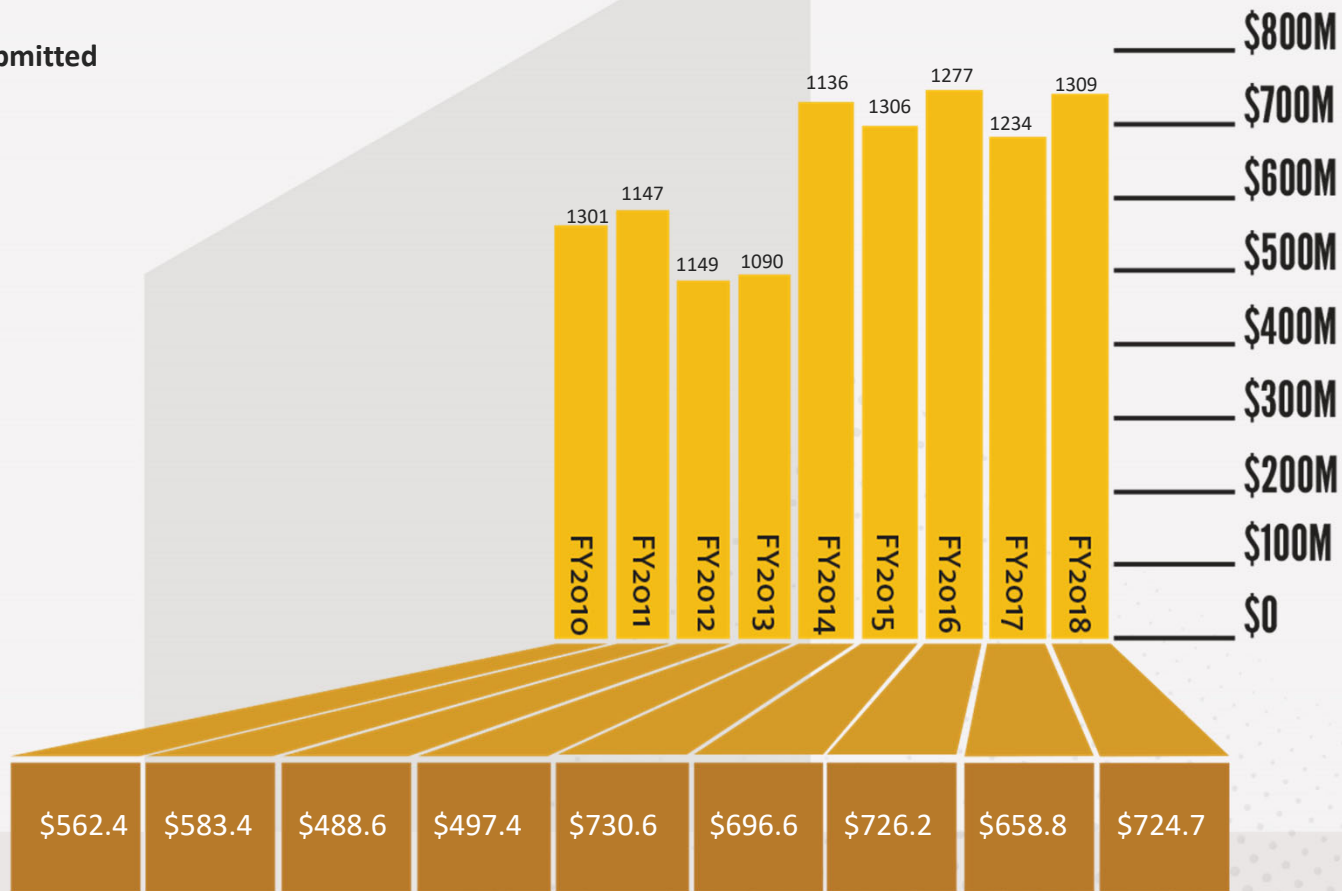
Total Research Expenditures – External Sources



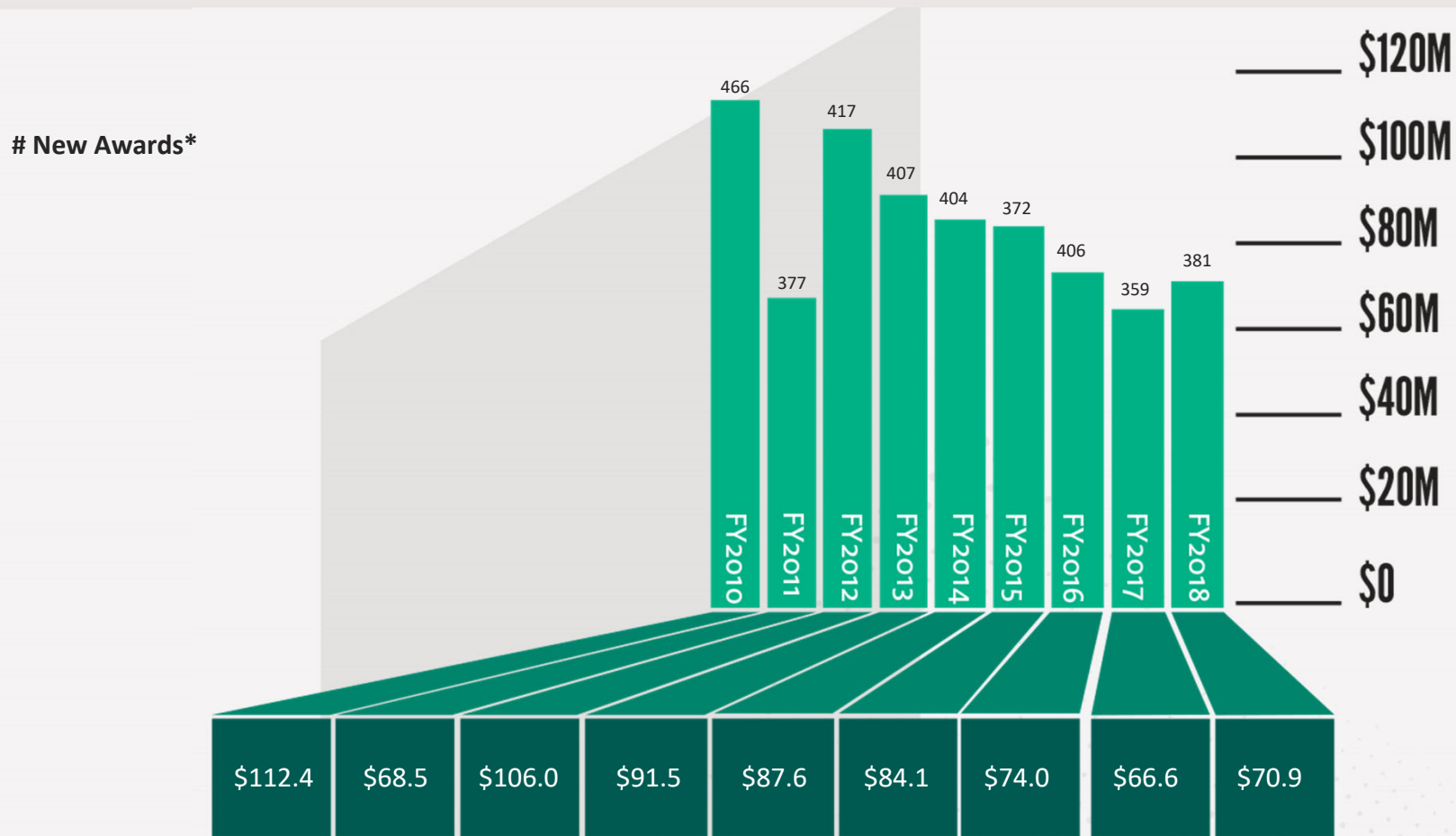
** All subsequent calculations are based on expenditures from external sources only

Total Funds Requested

Proposals Submitted

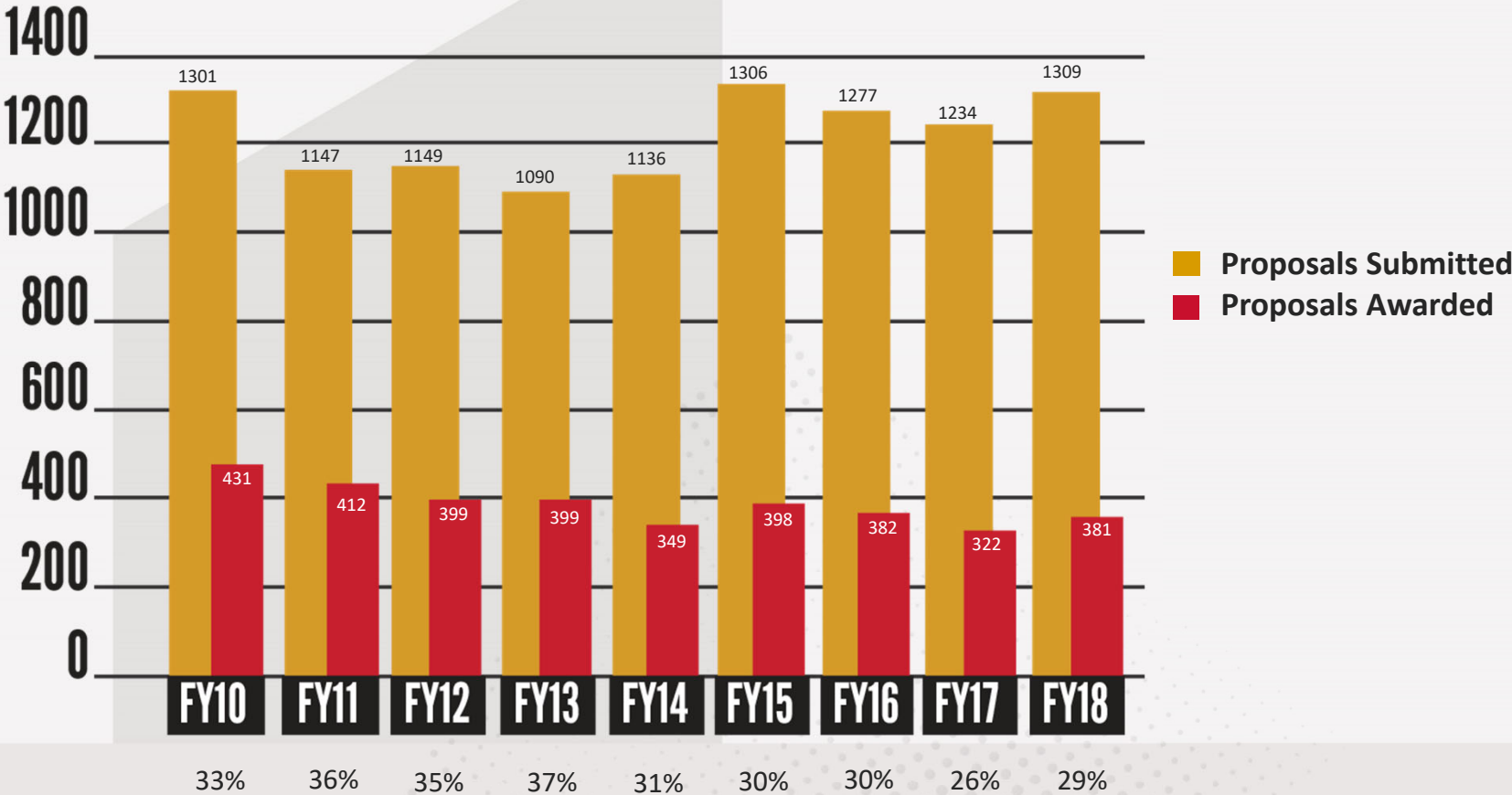


Total Amount Commitment Received in FY



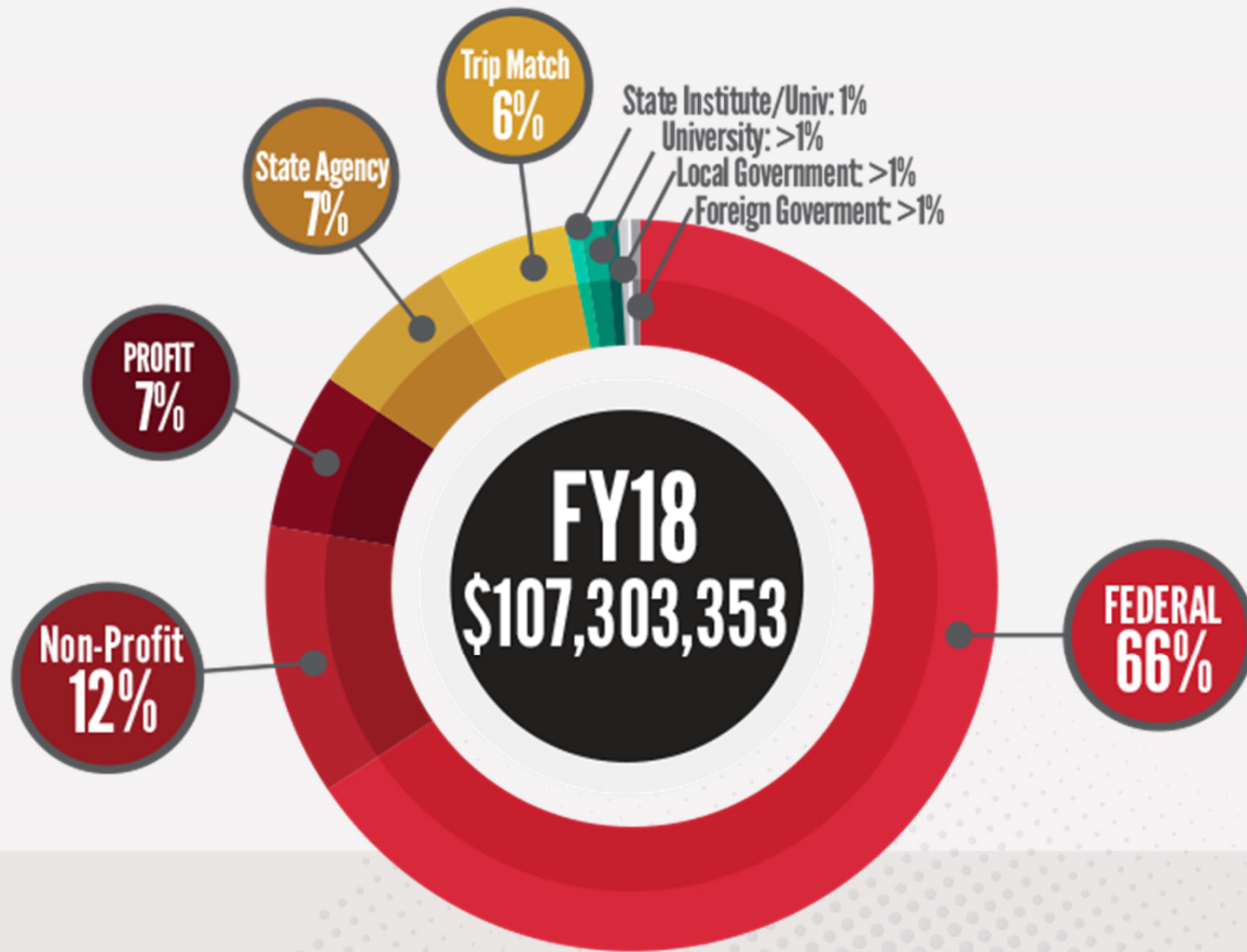
*New awards received may have been submitted as a proposal in a prior fiscal year

Proposal Success

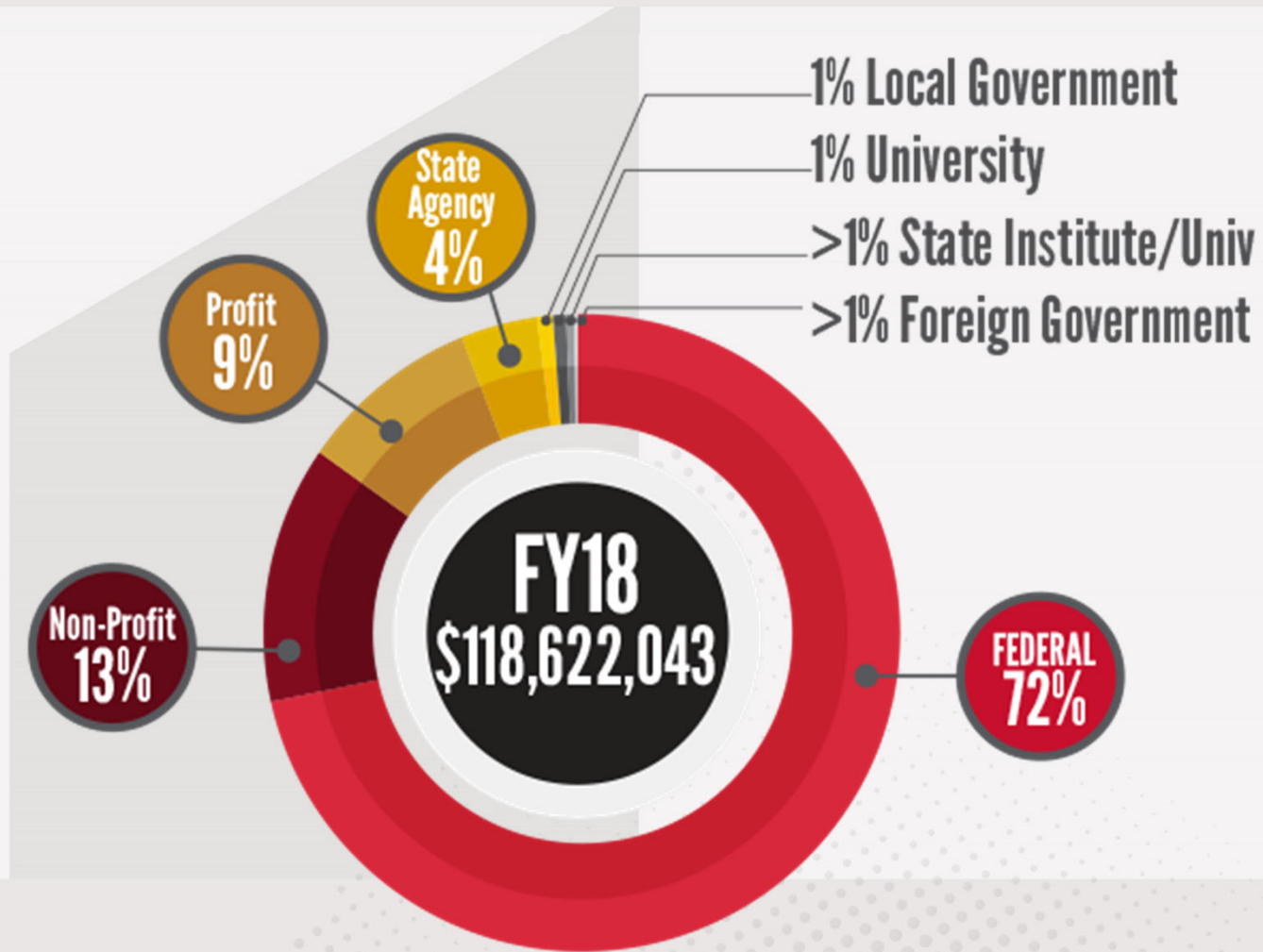


*Proposals submitted in FY18 may have been rewarded in FY19

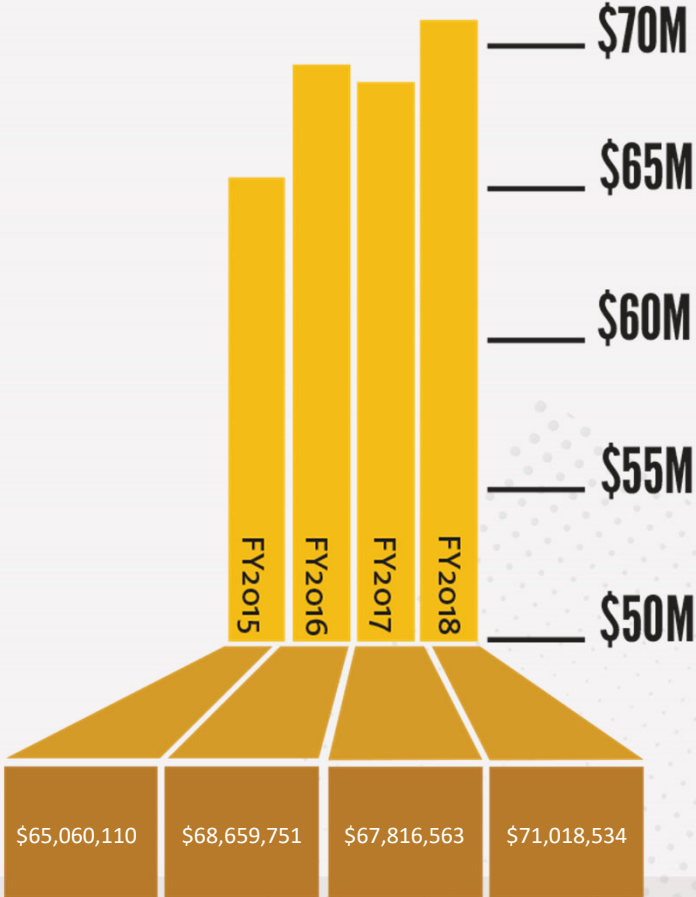
FY18 Research Expenditures - Sources



FY18 Research Awards - Sources

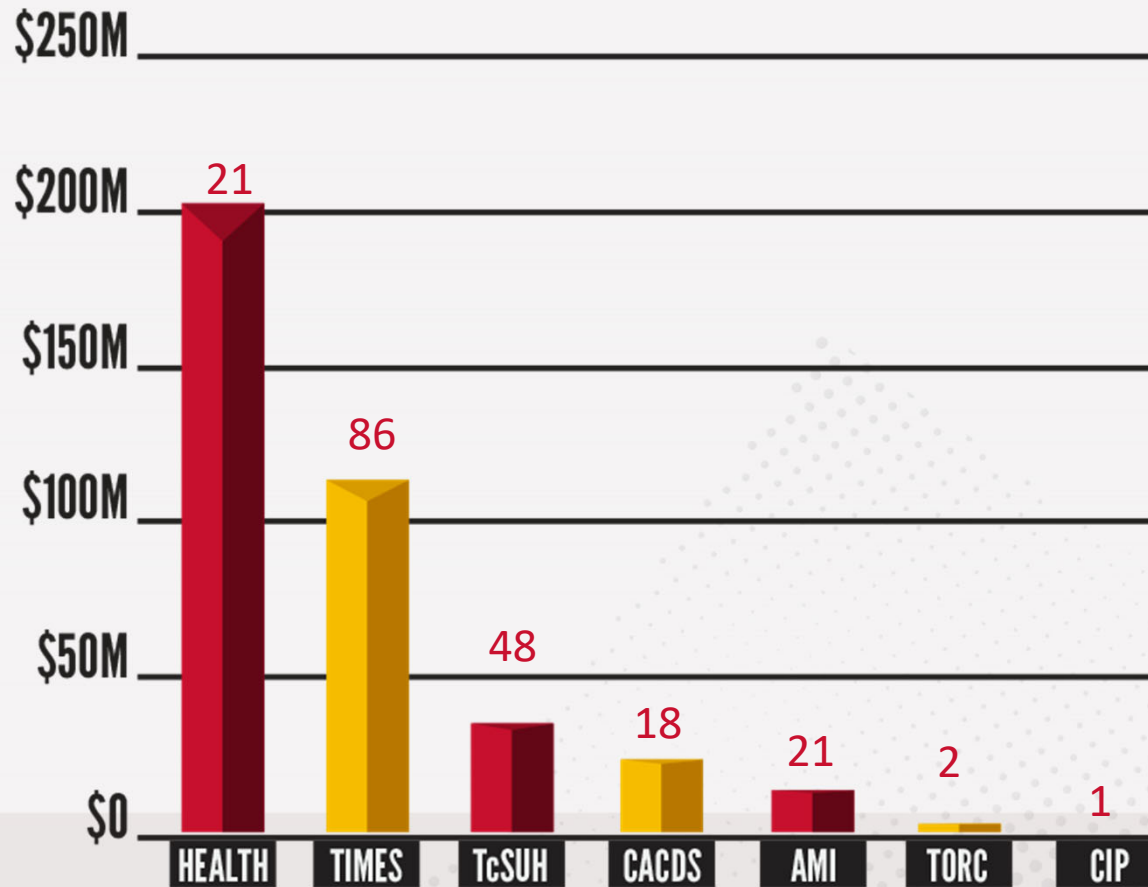


Federal Expenditures, FY15-18



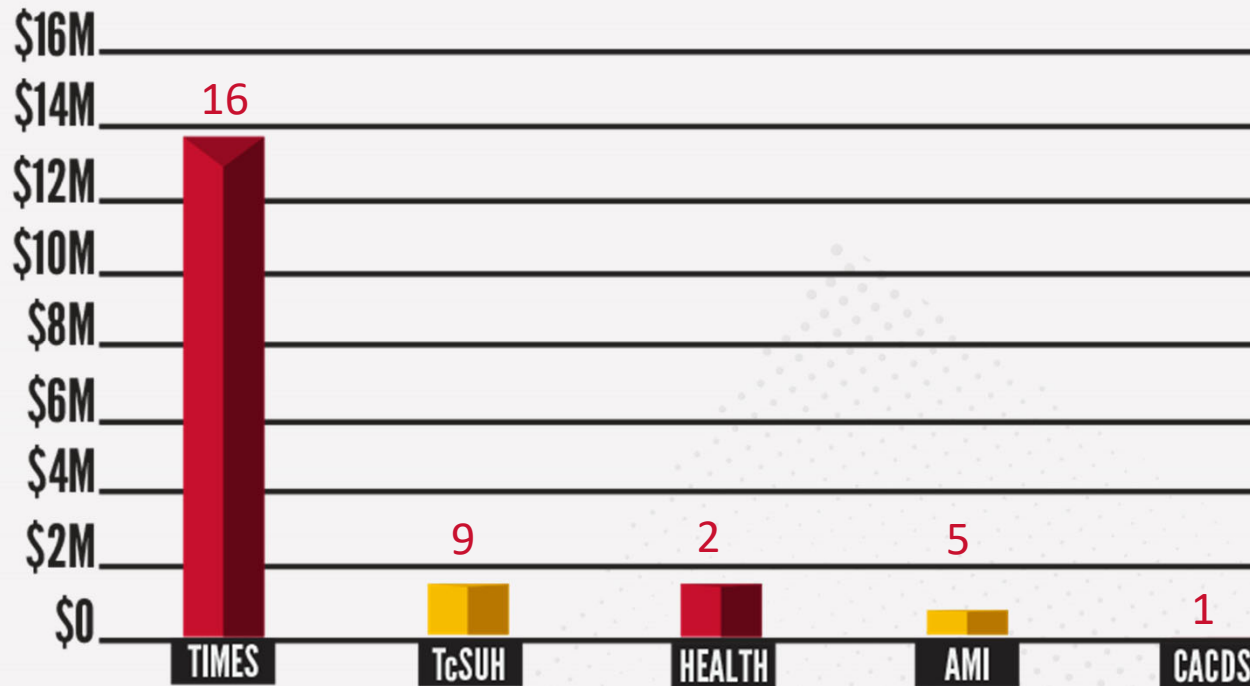
DOR Centers – Proposals

of Proposals

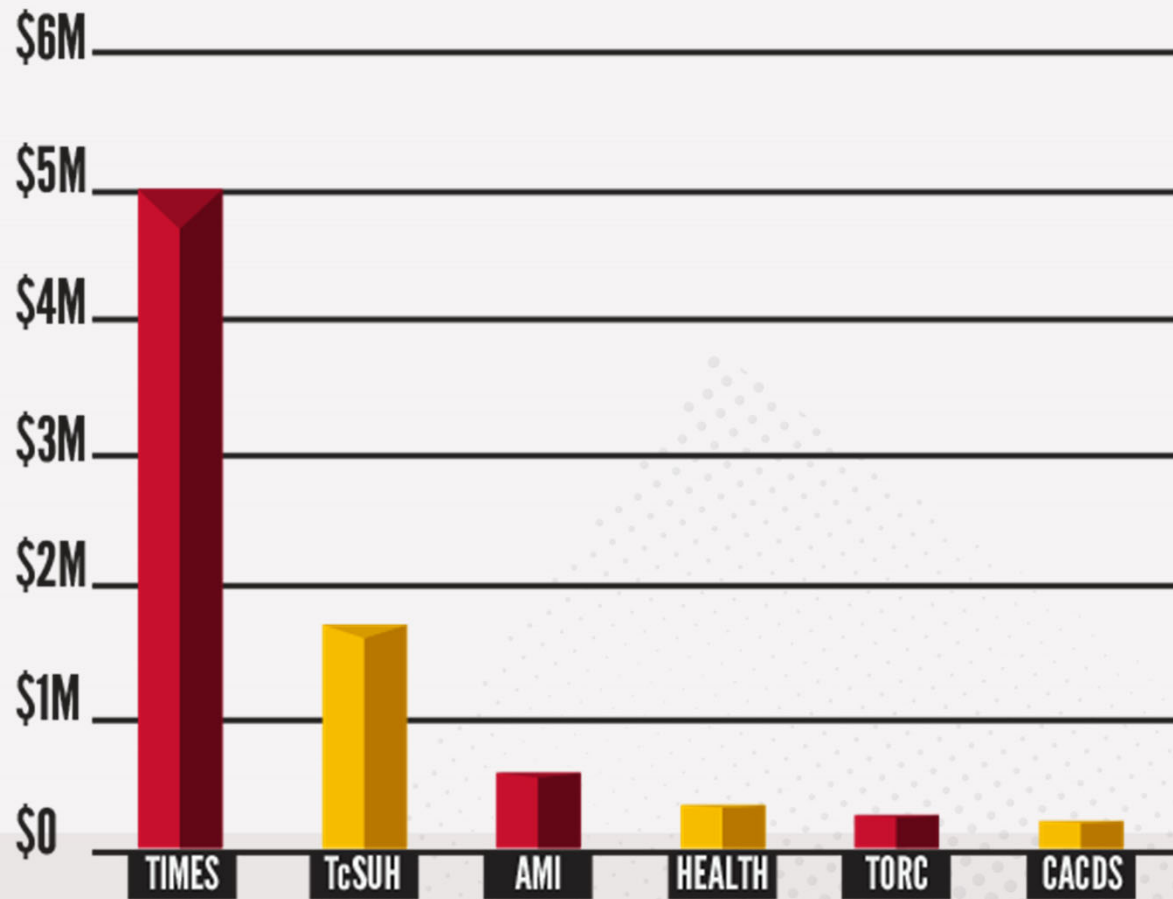


DOR Centers - Awards

of Awards



DOR Centers - Expenditures





Proposals

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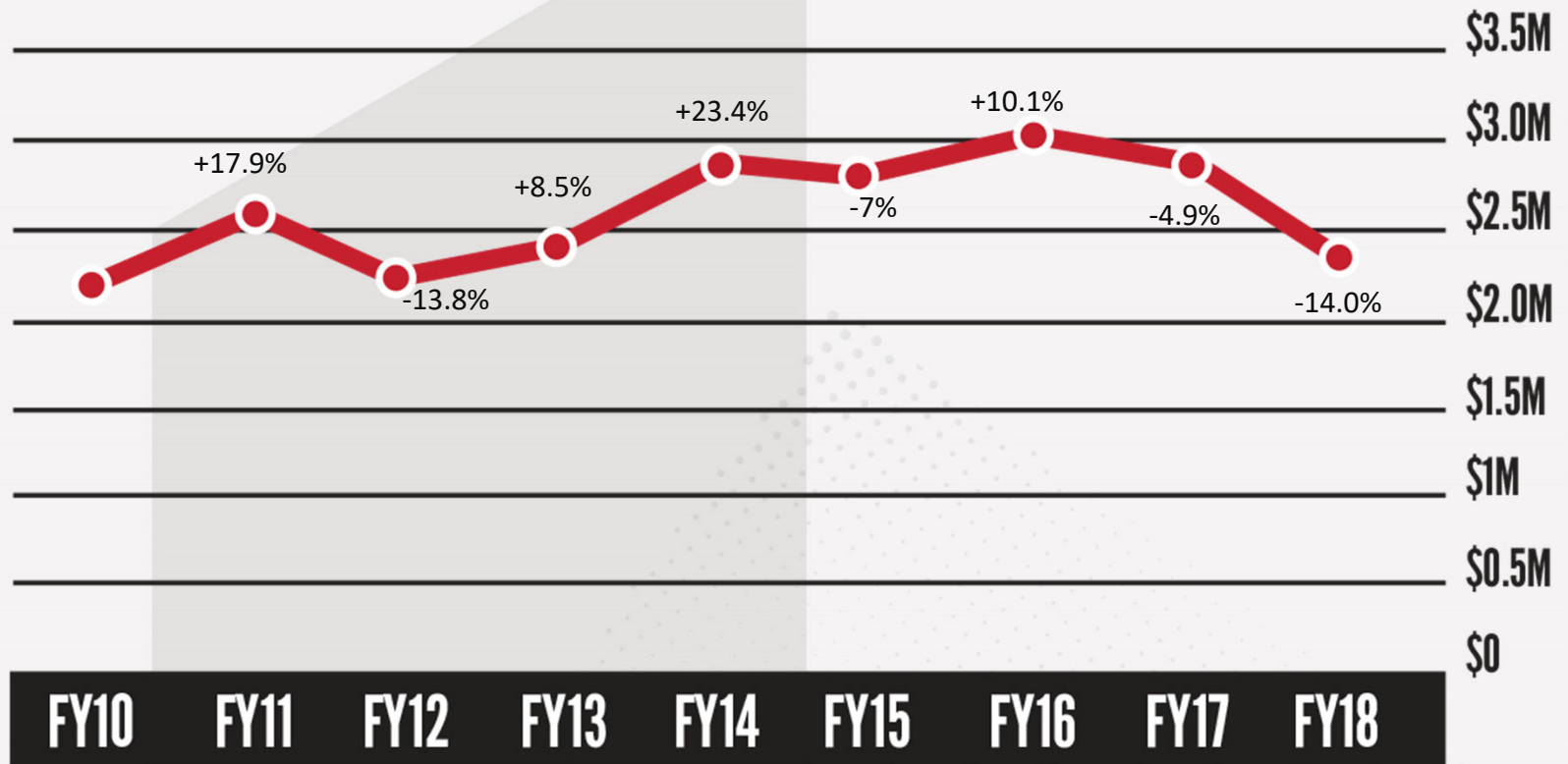
Total Funding Requests >\$1M

Proposals Submitted



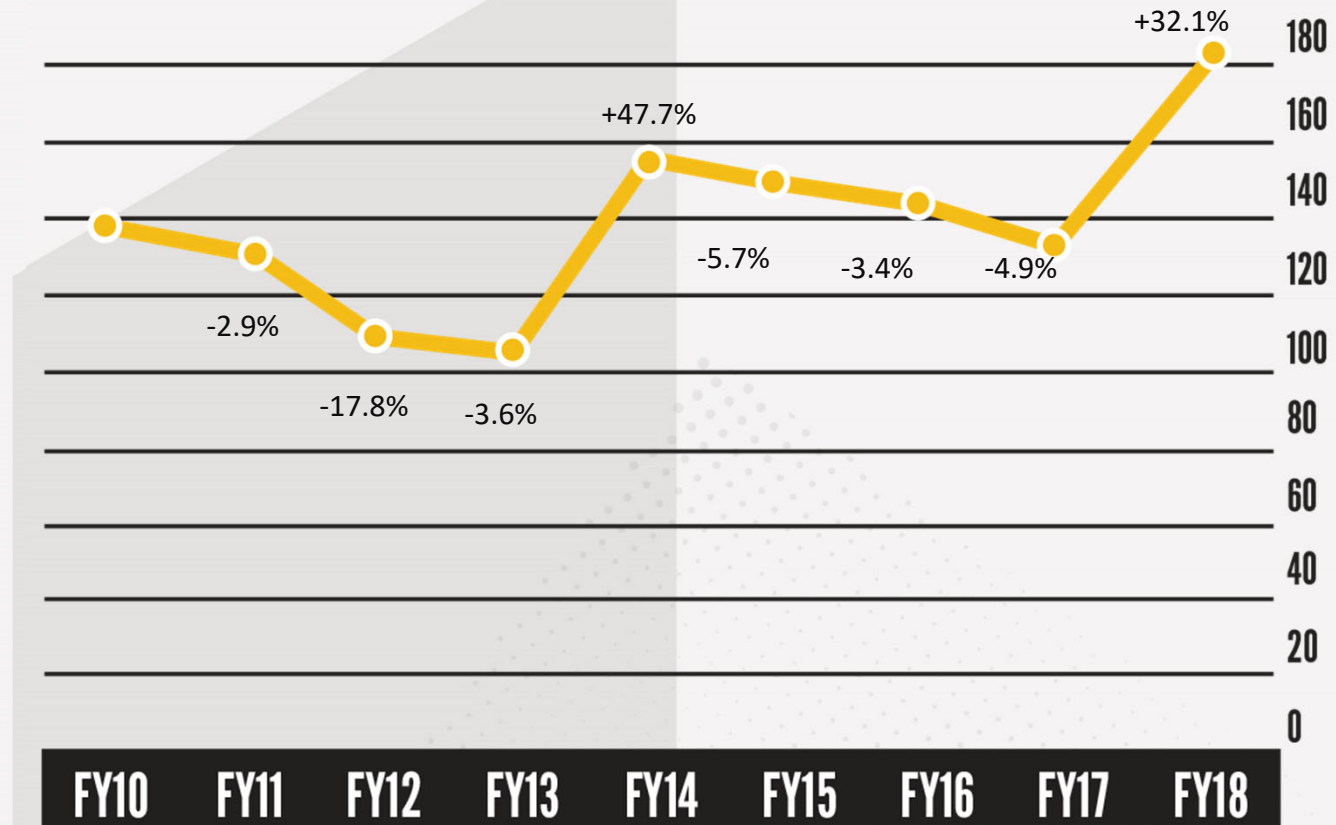
Average Funding Request >\$1M

Percent Change +/-



Number of Proposals Submitted >\$1M

Percent Change +/-

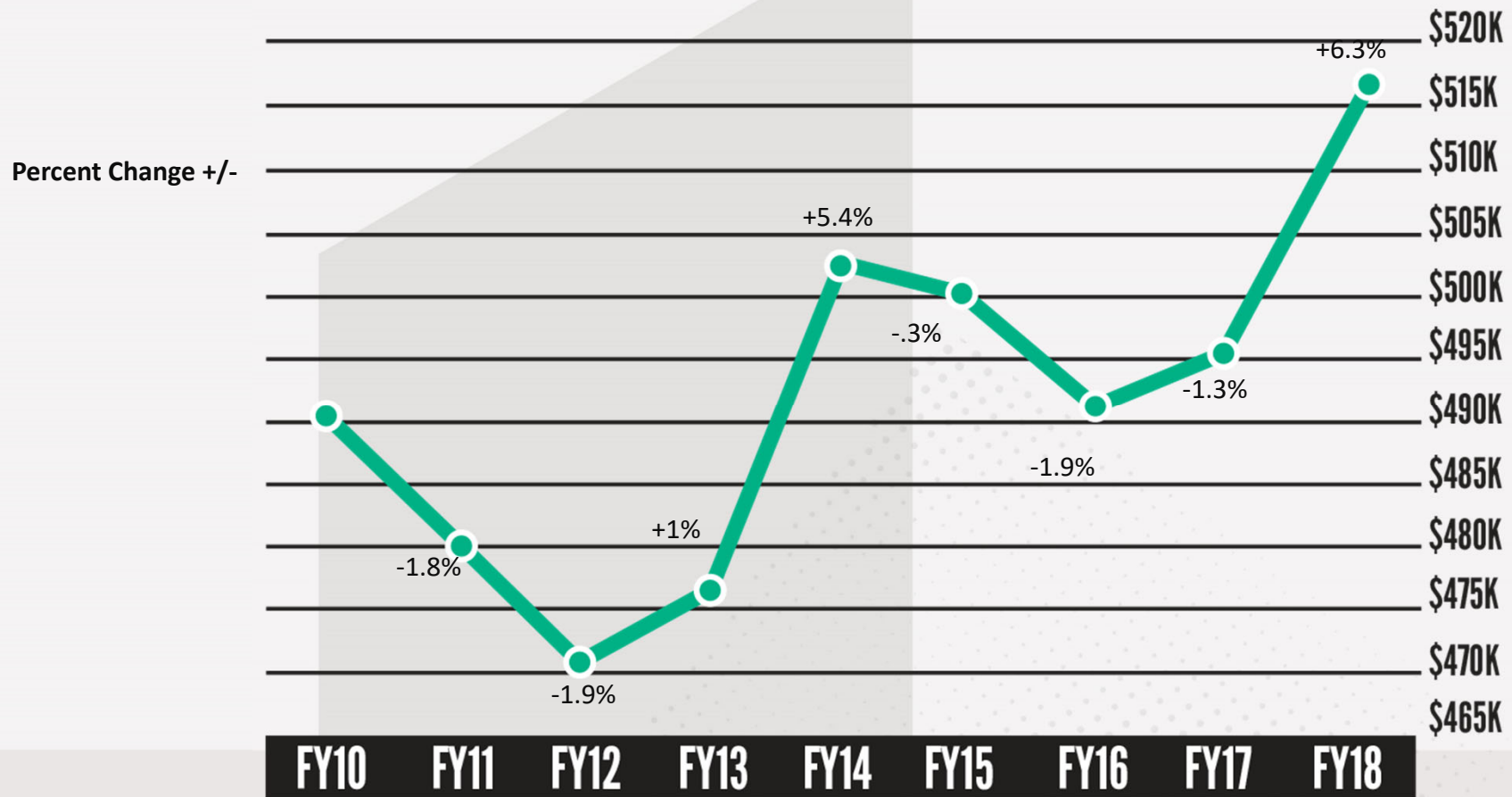


Total Funding Requests \$250k-\$999k

Proposals Submitted

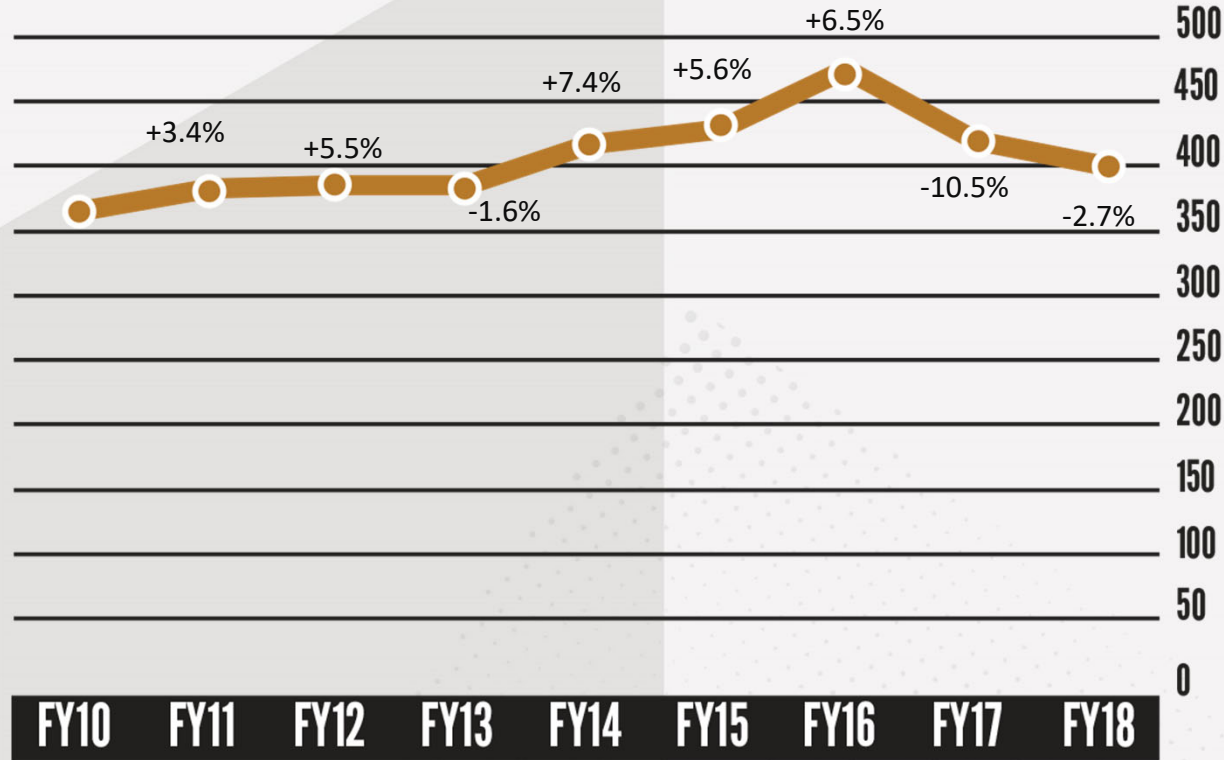


Average Funding Request \$250k-\$999k



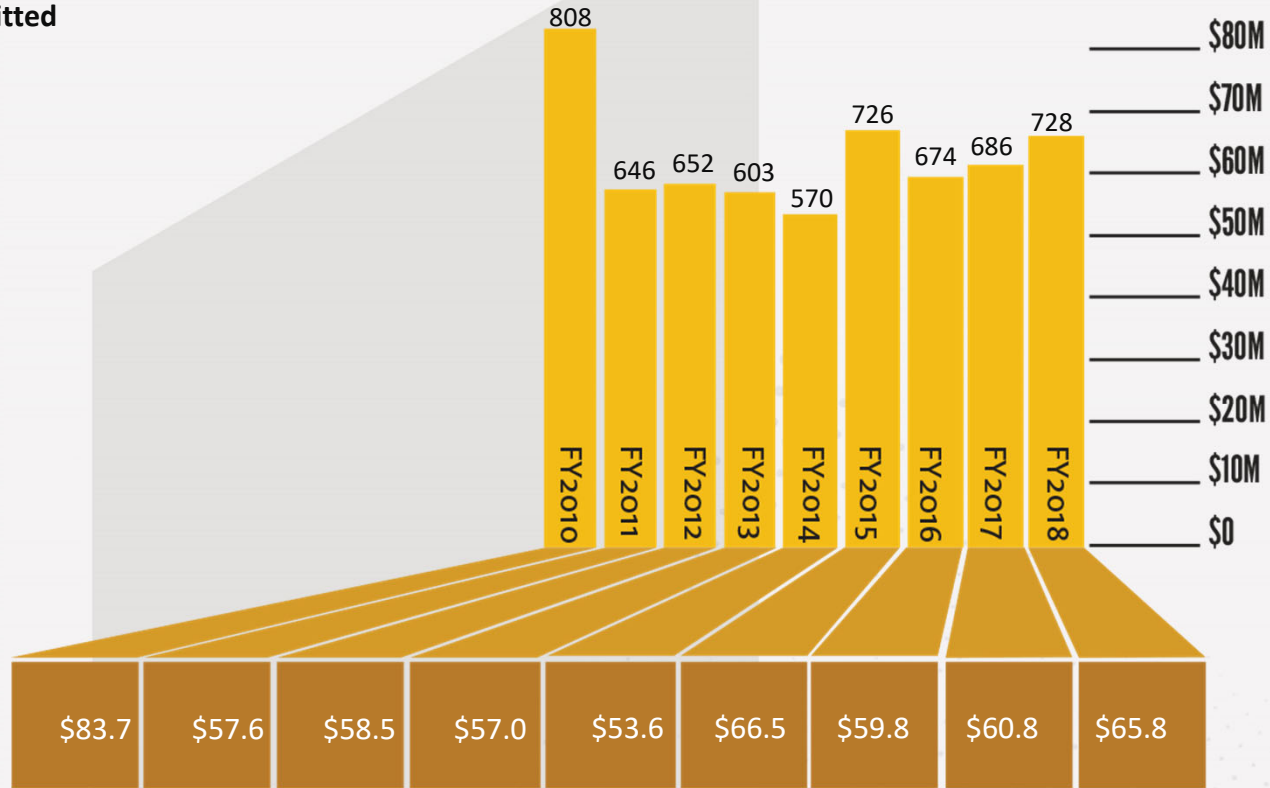
Number of Proposals Submitted \$250k-\$999k

Percent Change +/-



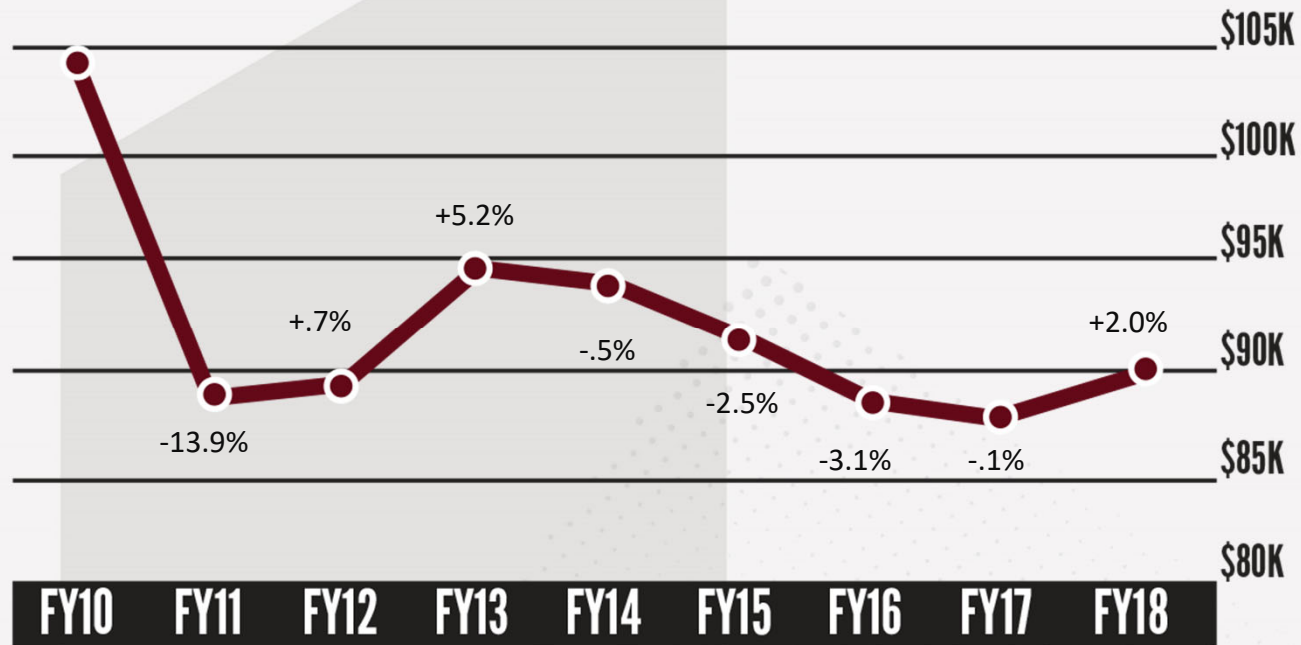
Total Funding Requests < \$250k

Proposals Submitted



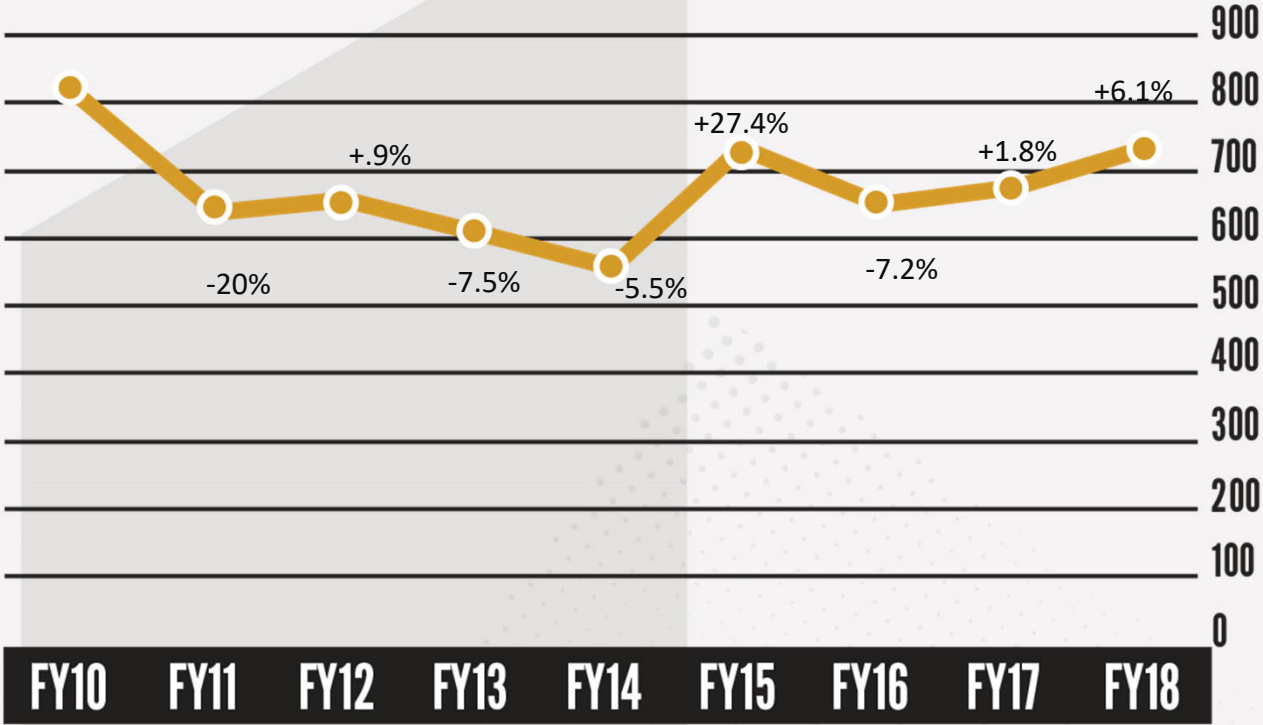
Average Funding Request < \$250k

Percent Change +/-



Number of Proposals Submitted < \$250k

Percent Change +/-

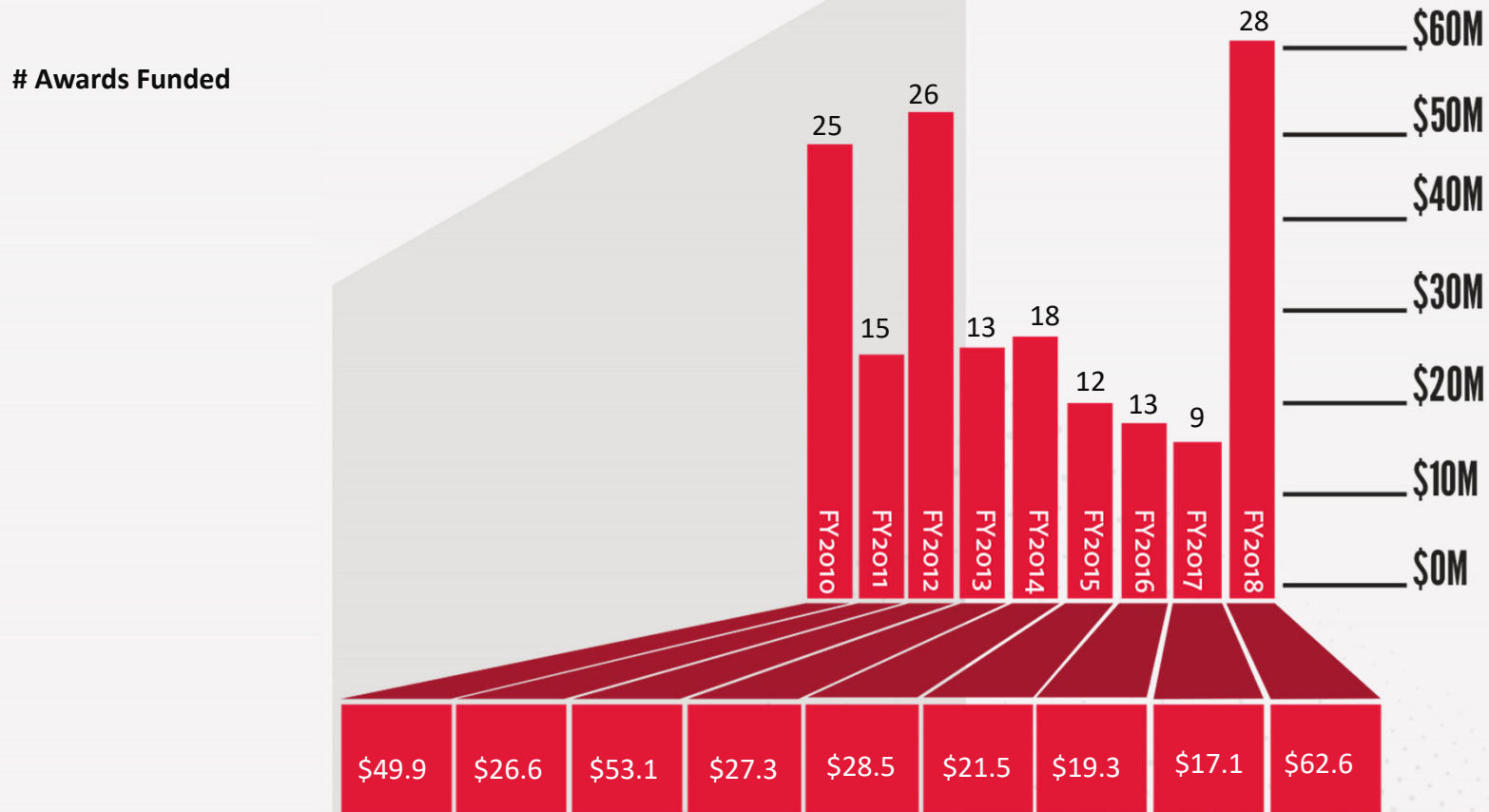




Awards

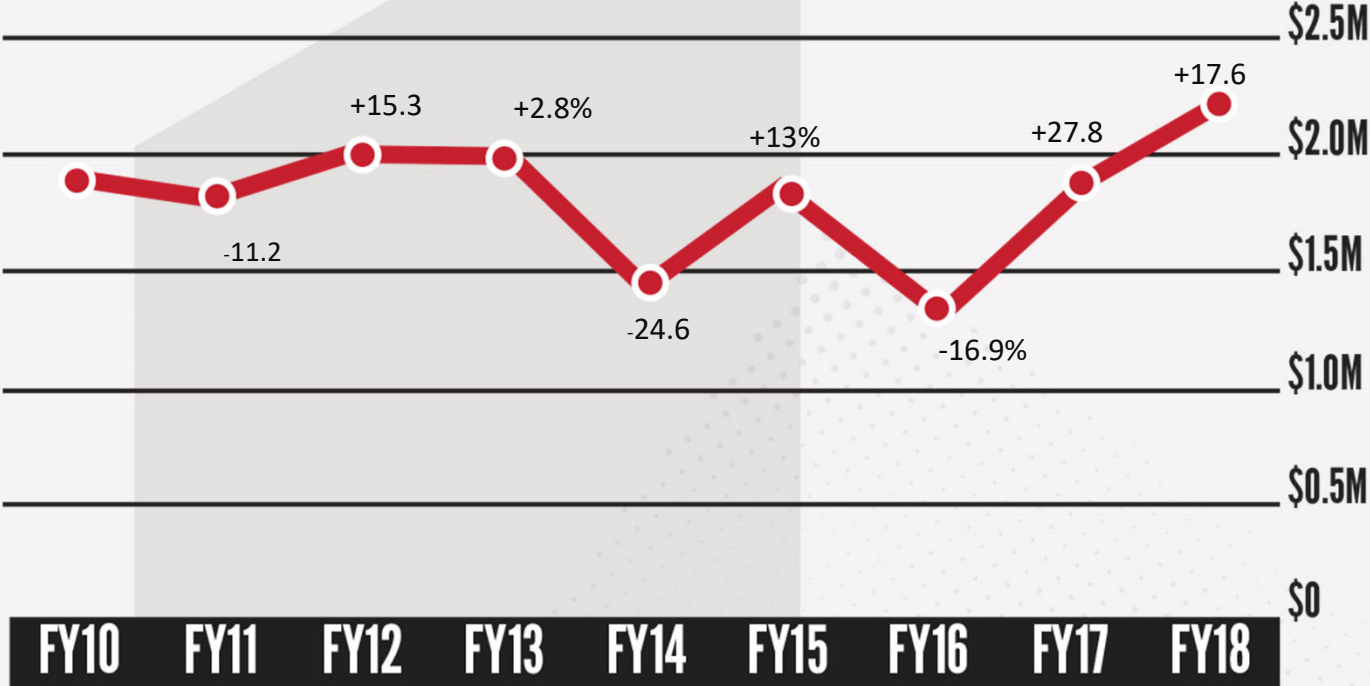
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Number and Value of New Awards Funded >\$1M



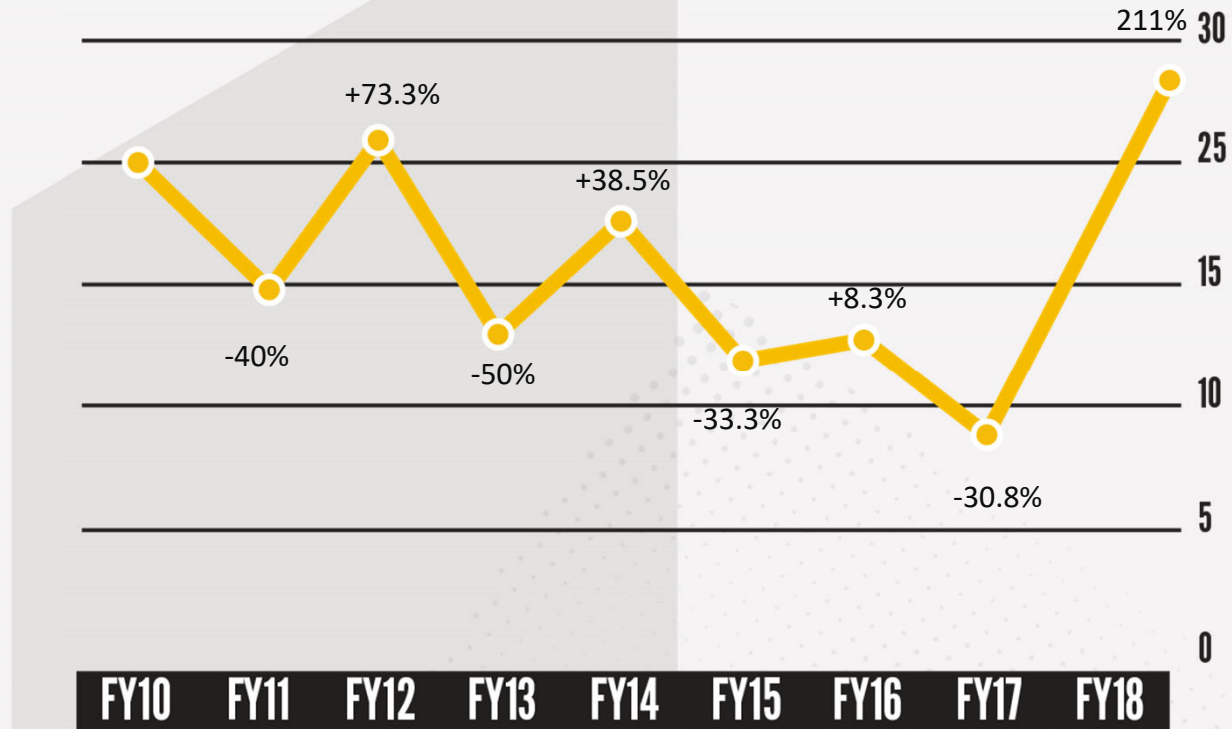
Average Value of New Awards >\$1M

Percent Change +/-



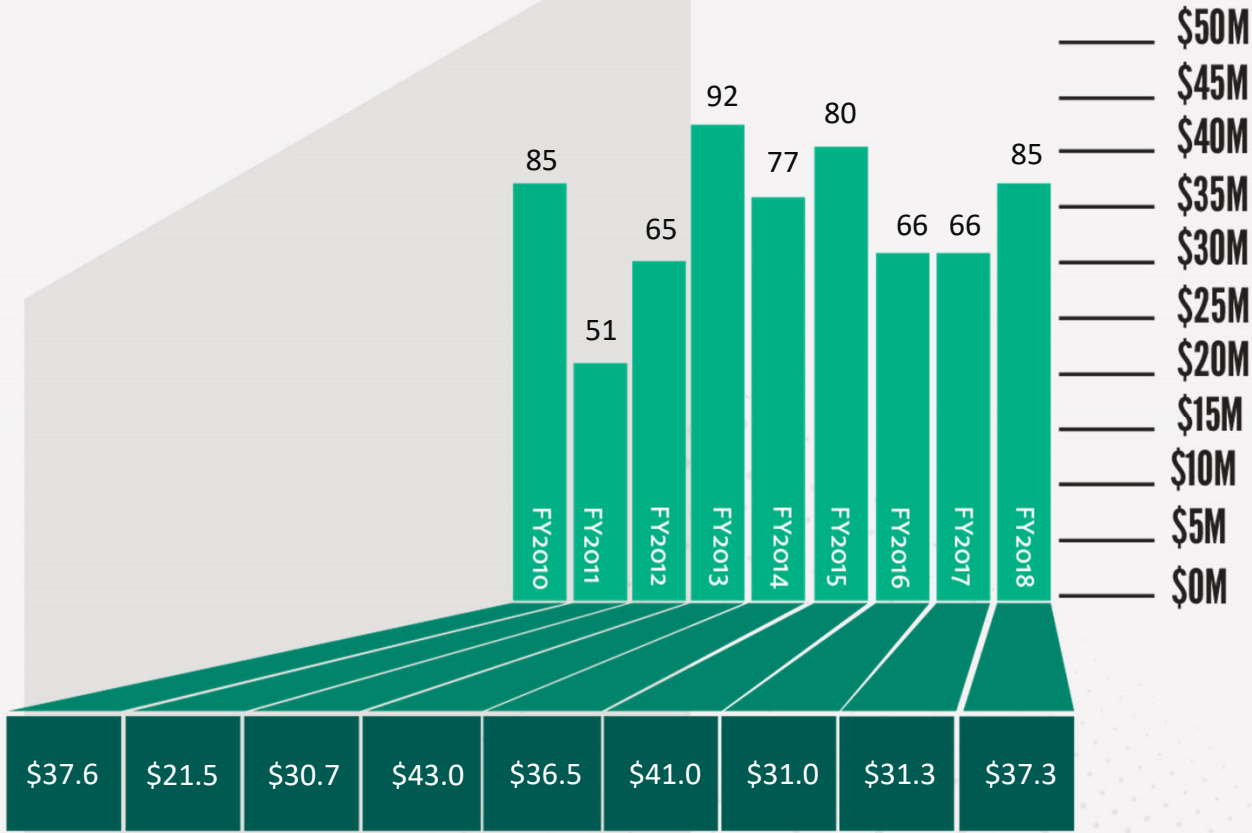
Number of New Awards >\$1M

Percent Change +/-



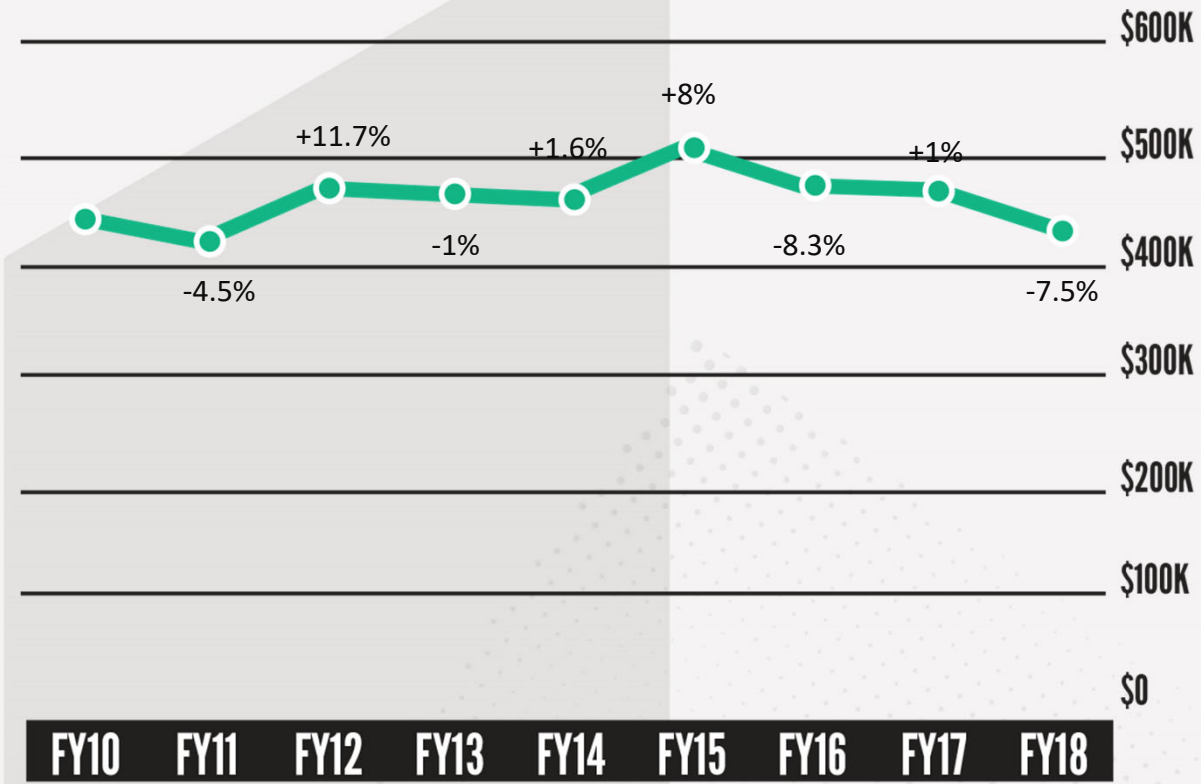
Number and Value of New Awards \$250k-\$999k

Awards Funded



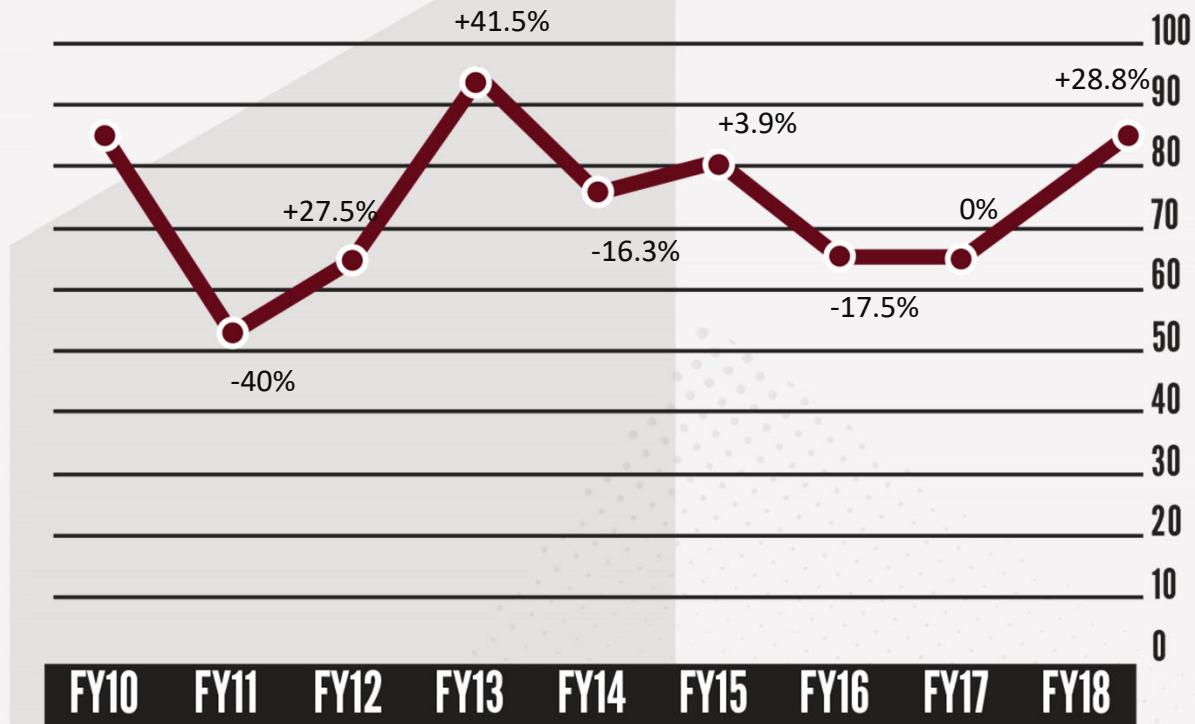
Average Value of New Awards \$250k-\$999k

Percent Change +/-



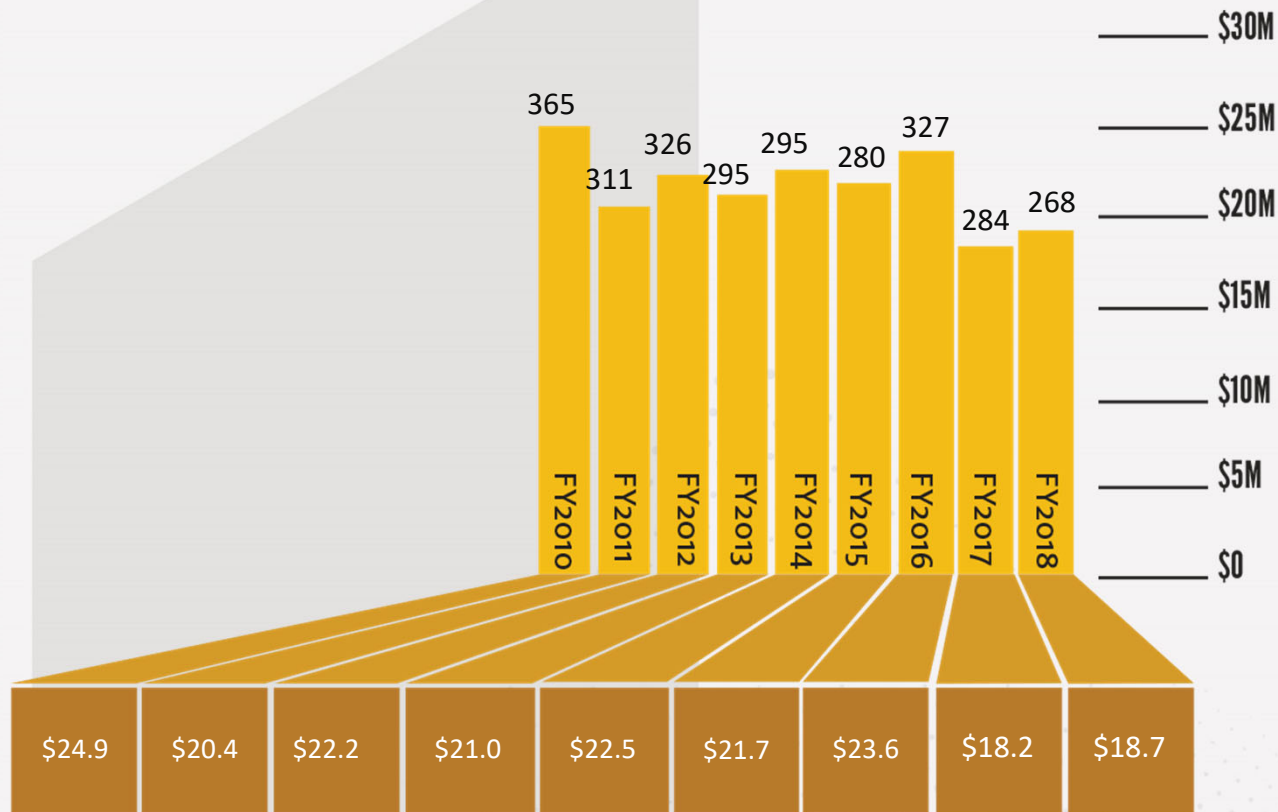
Number of New Awards \$250k-\$999k

Percent Change +/-



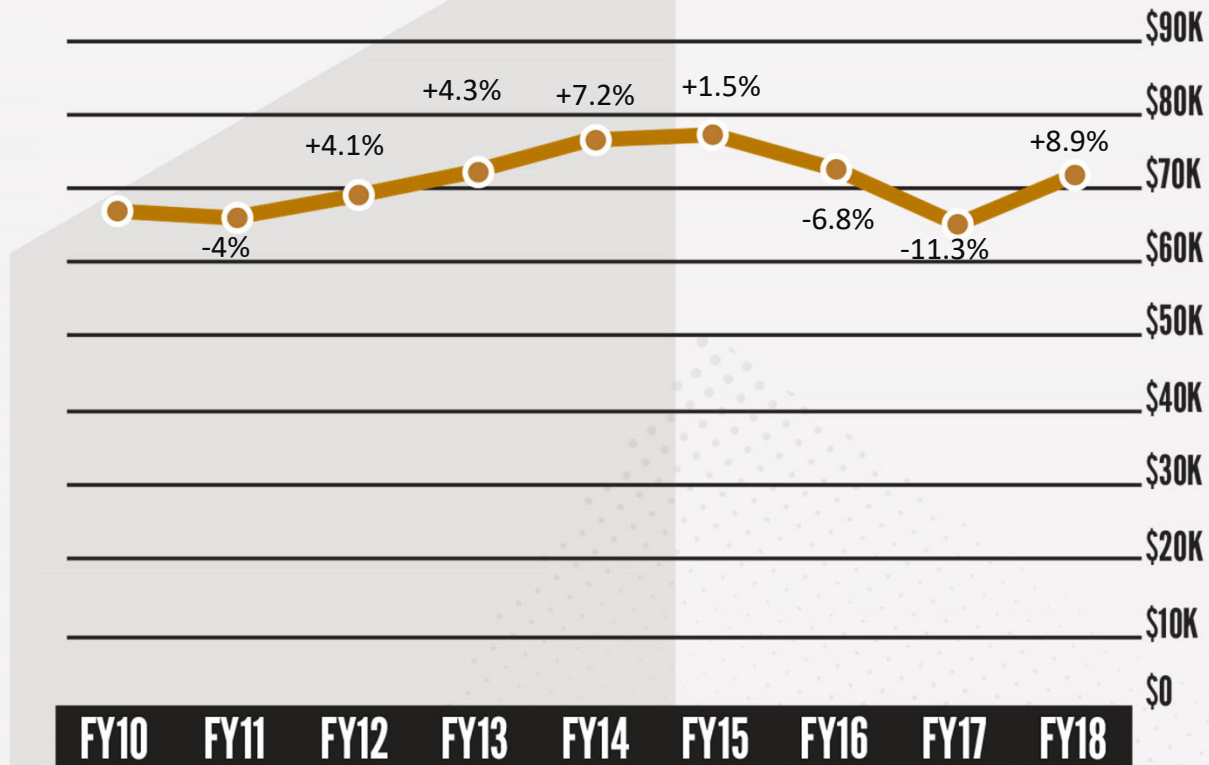
Number and Value of New Awards Funded <\$250k

Awards Funded



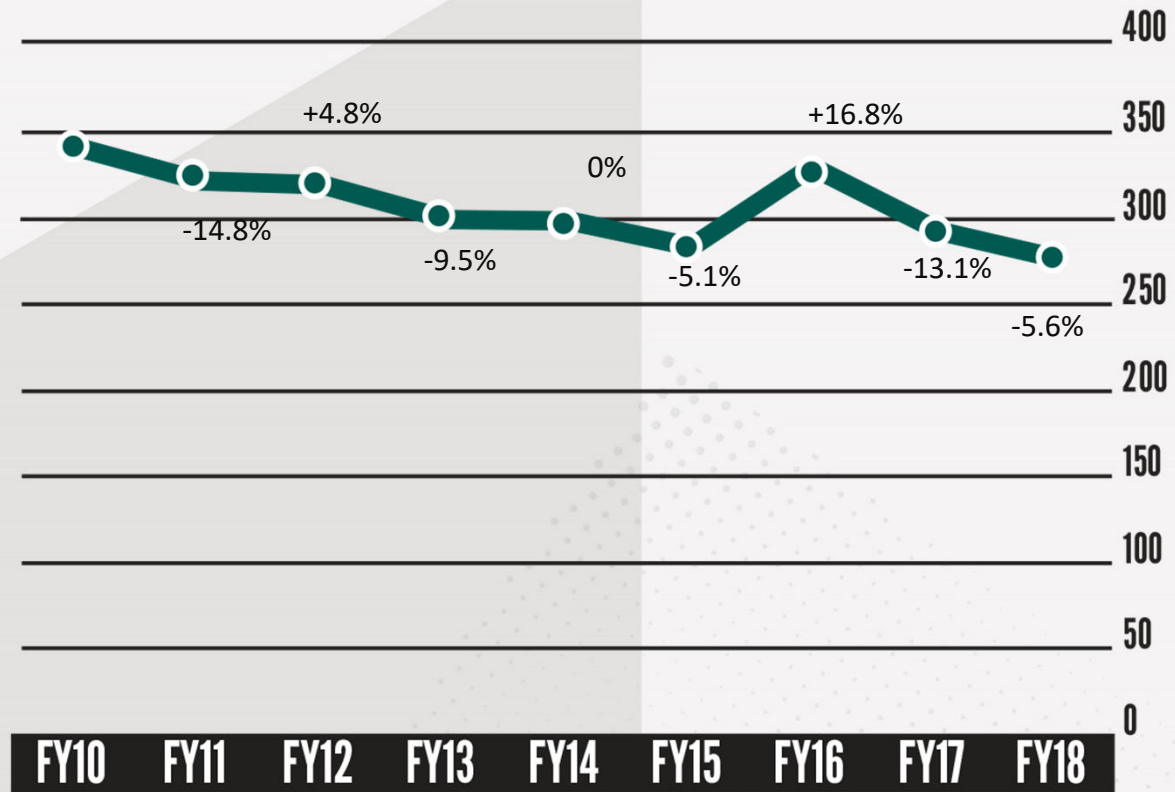
Average Value of New Awards <\$250k

Percent Change +/-



Number of New Awards <\$250k

Percent Change +/-

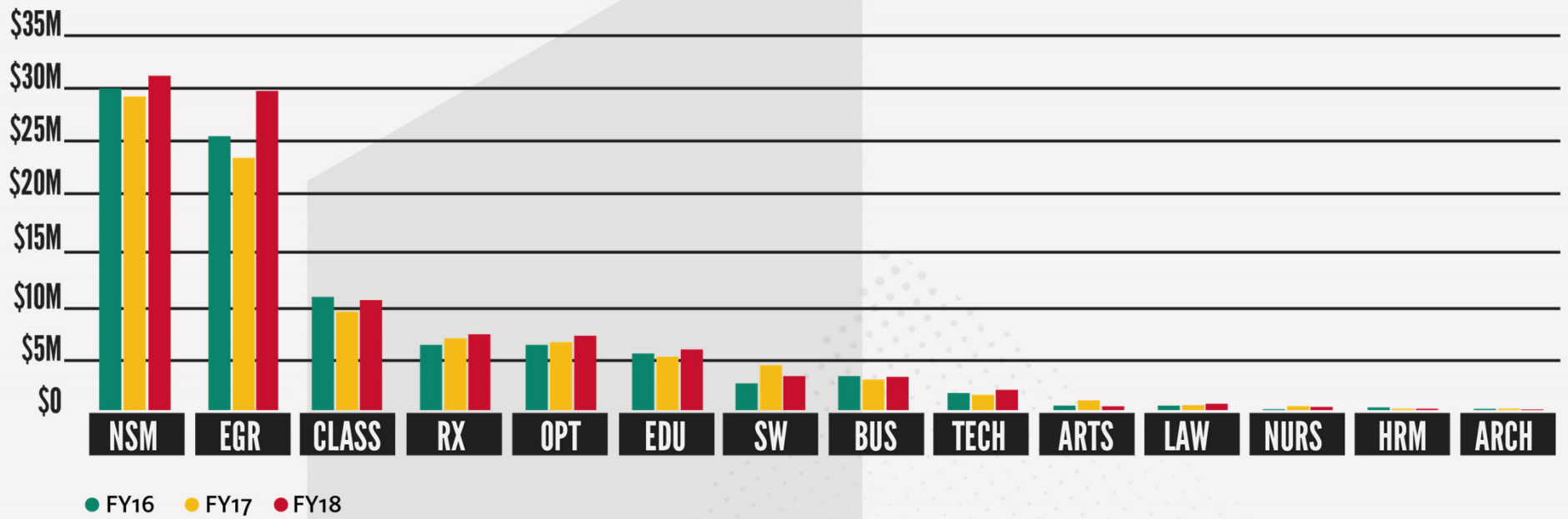




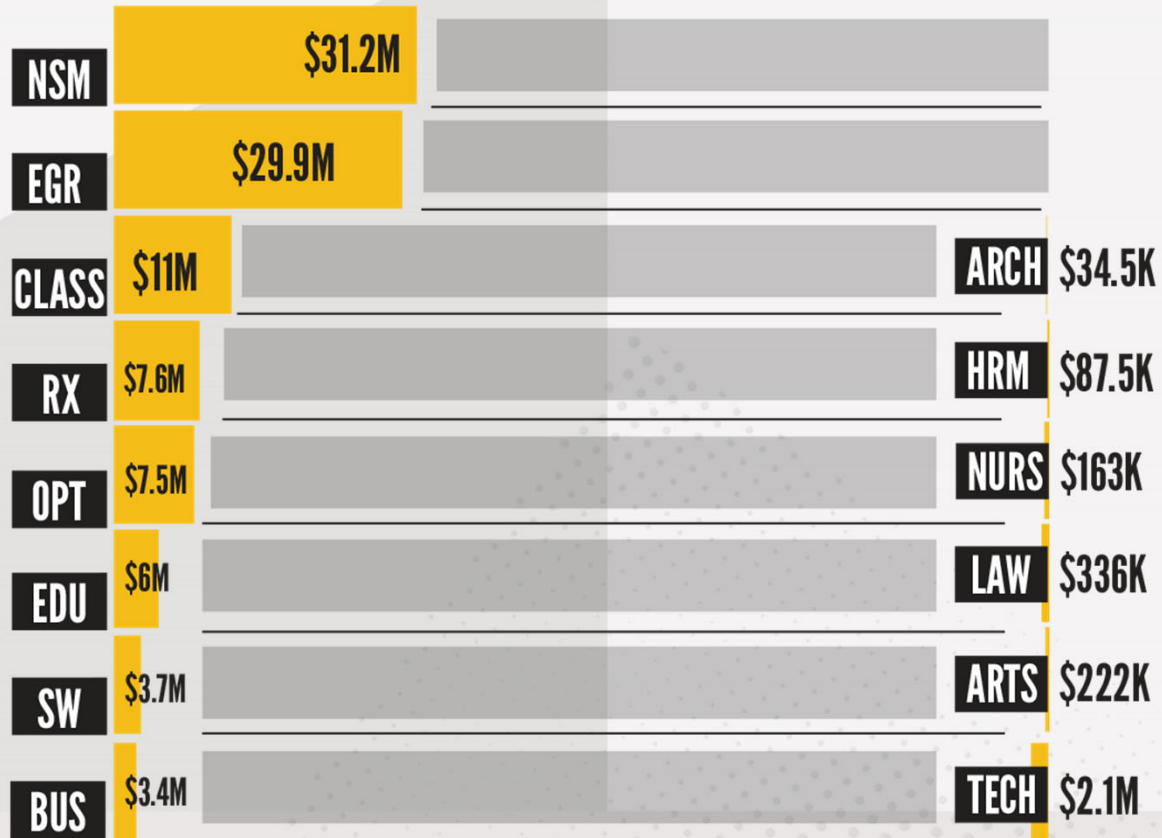
College Research Expenditures

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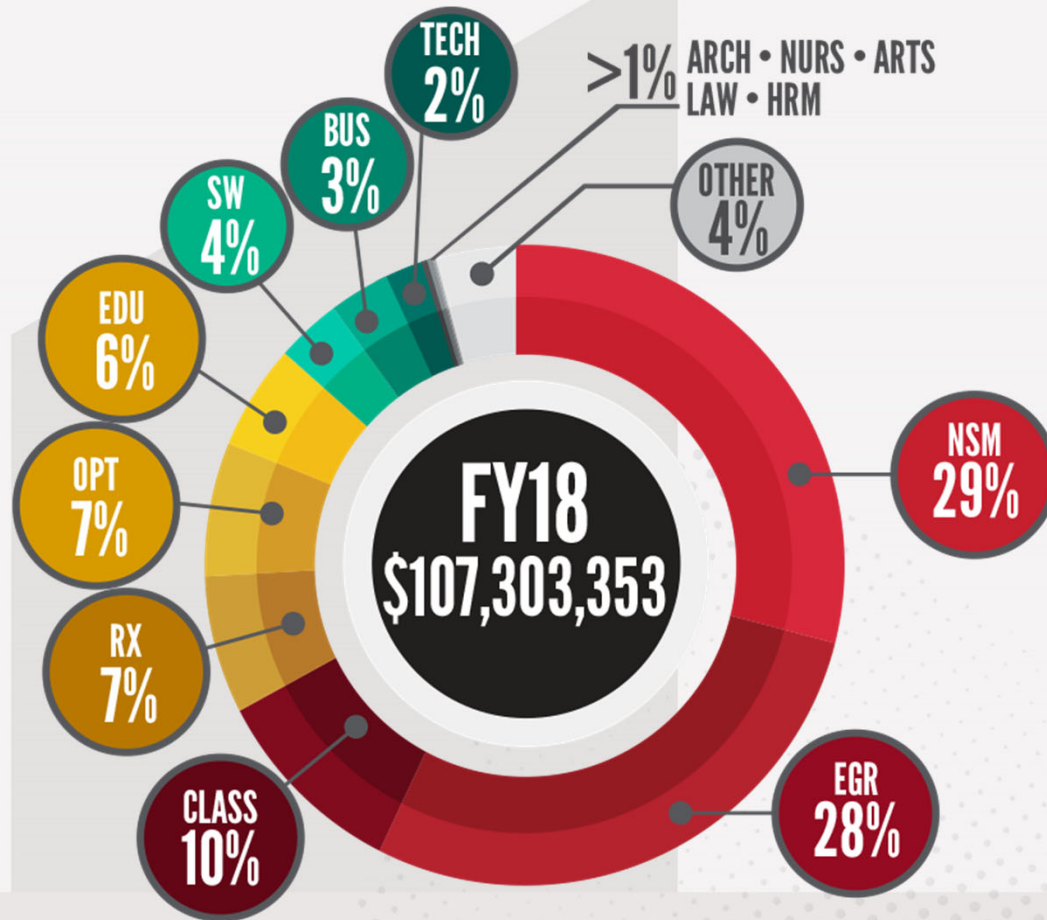
FY16-18 College Research Expenditures



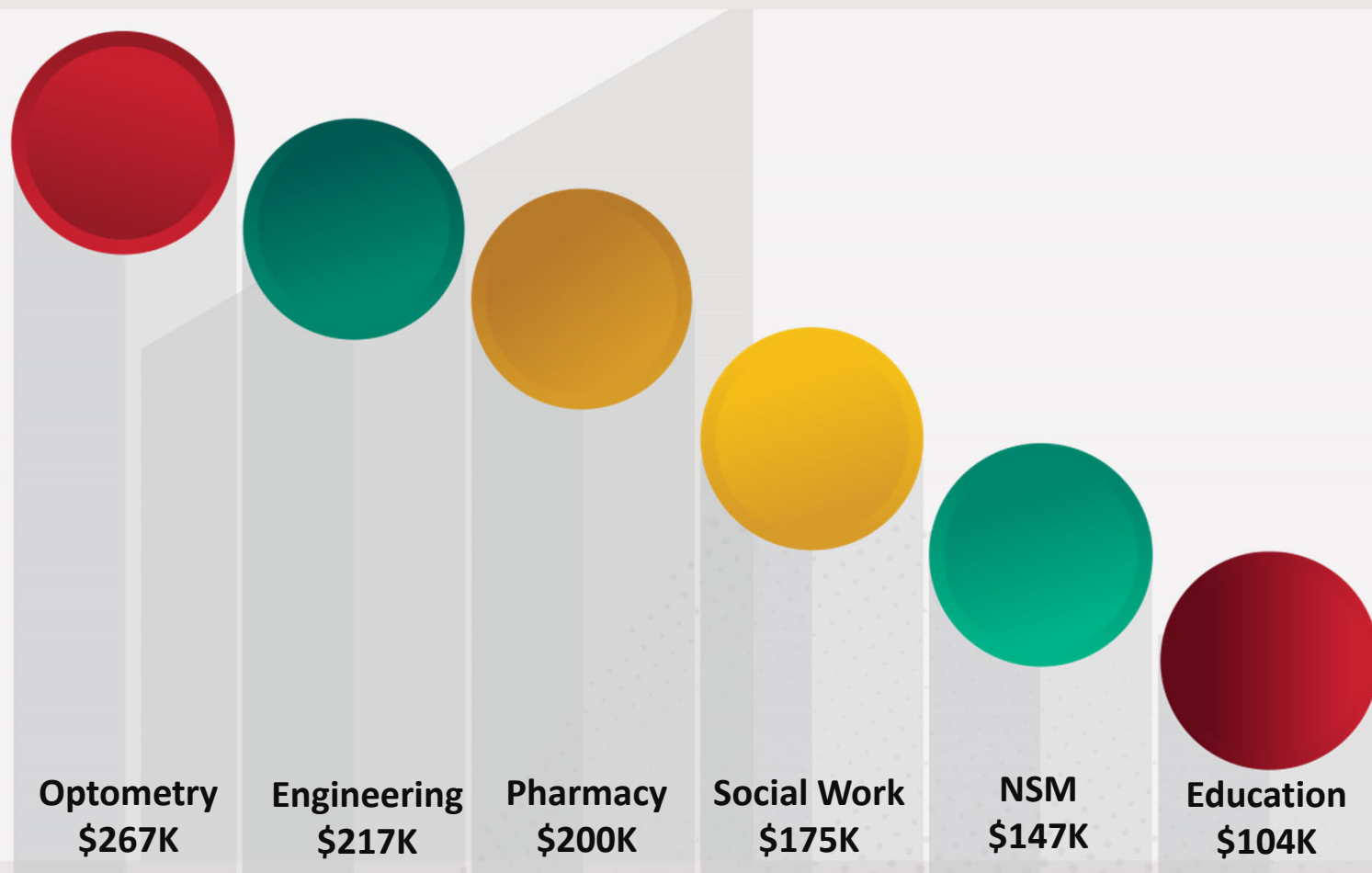
FY18 College Research Expenditures



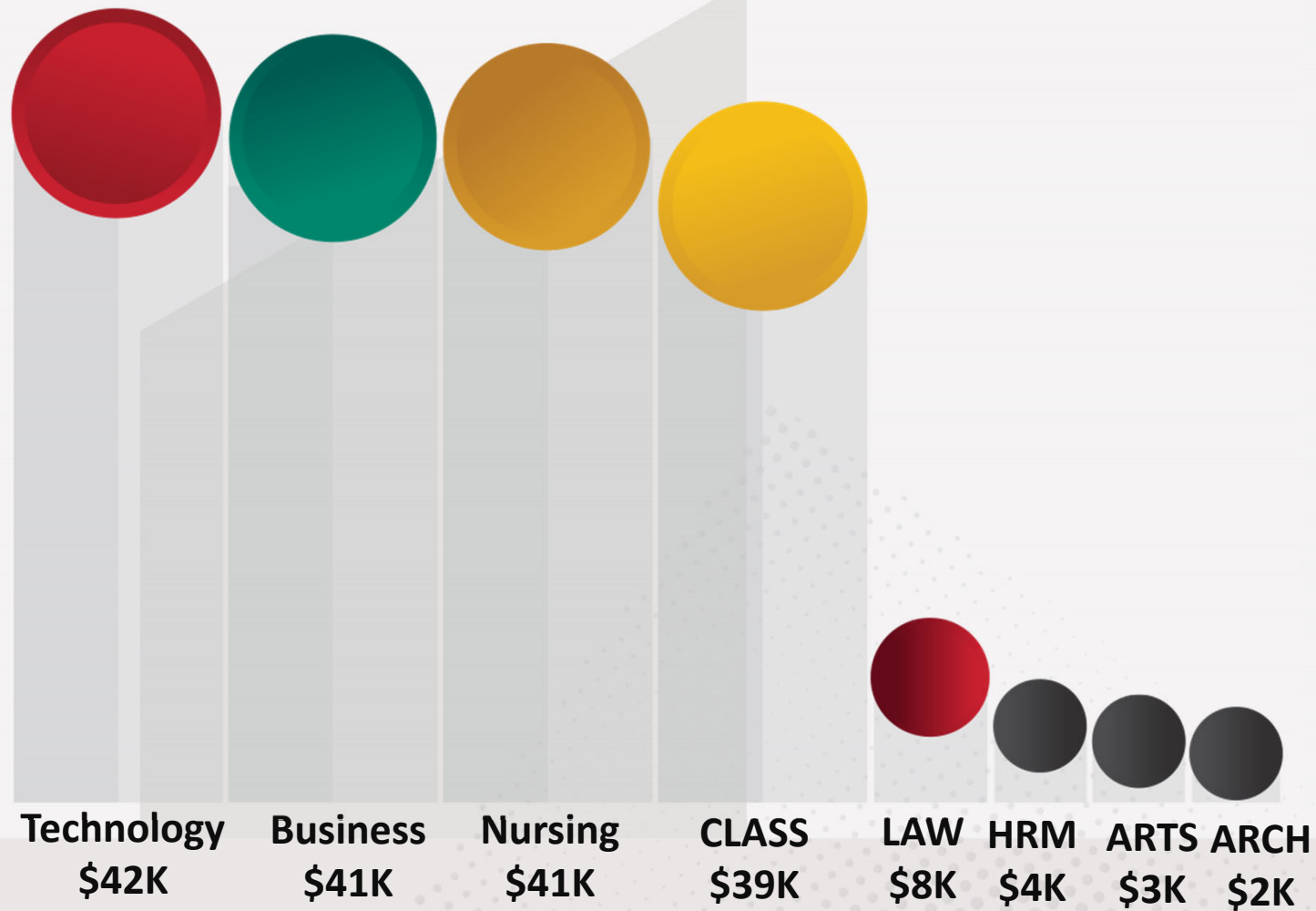
FY18 College Research Expenditures



FY17 College Research Expenditures Per Ranked Faculty >100k



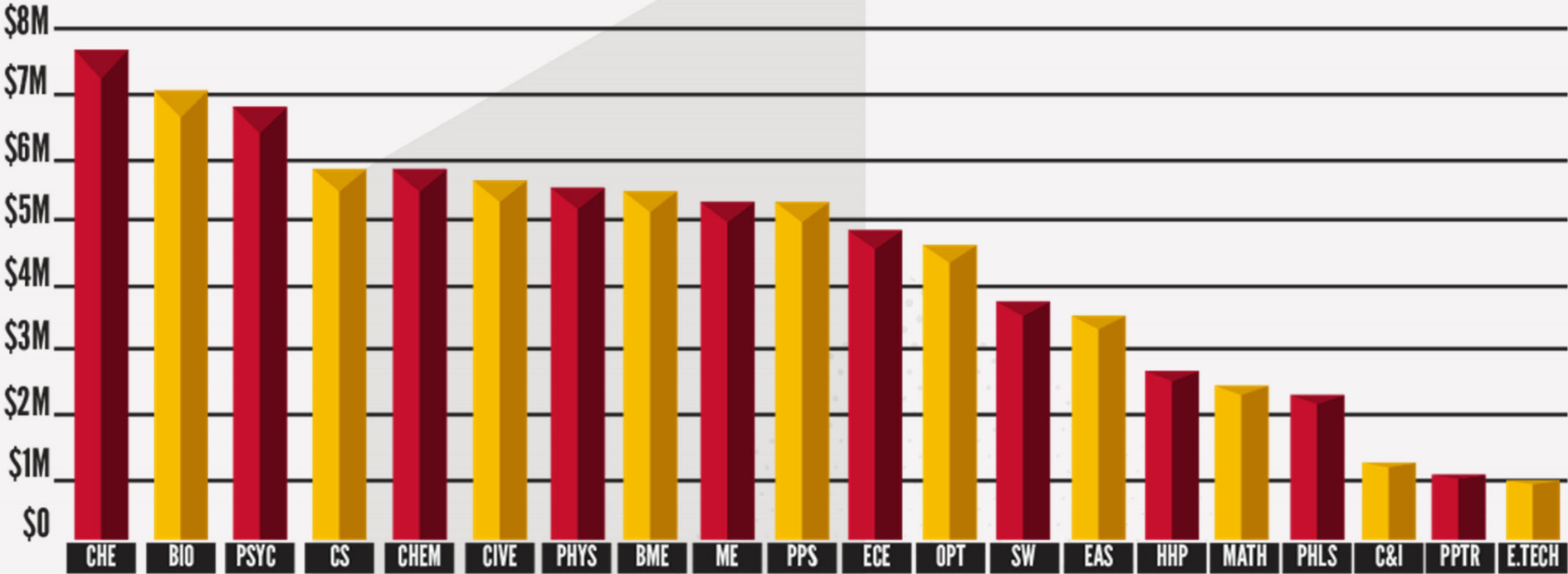
FY18 College Research Expenditures Per Ranked Faculty <100k



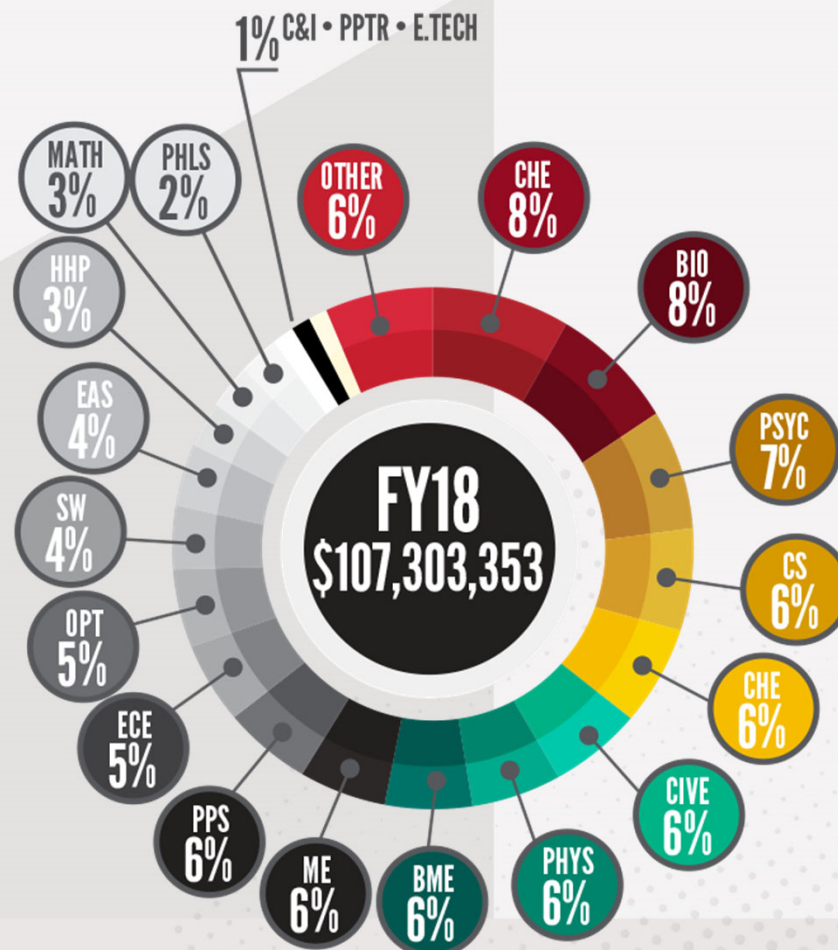


Academic Department Research Expenditures

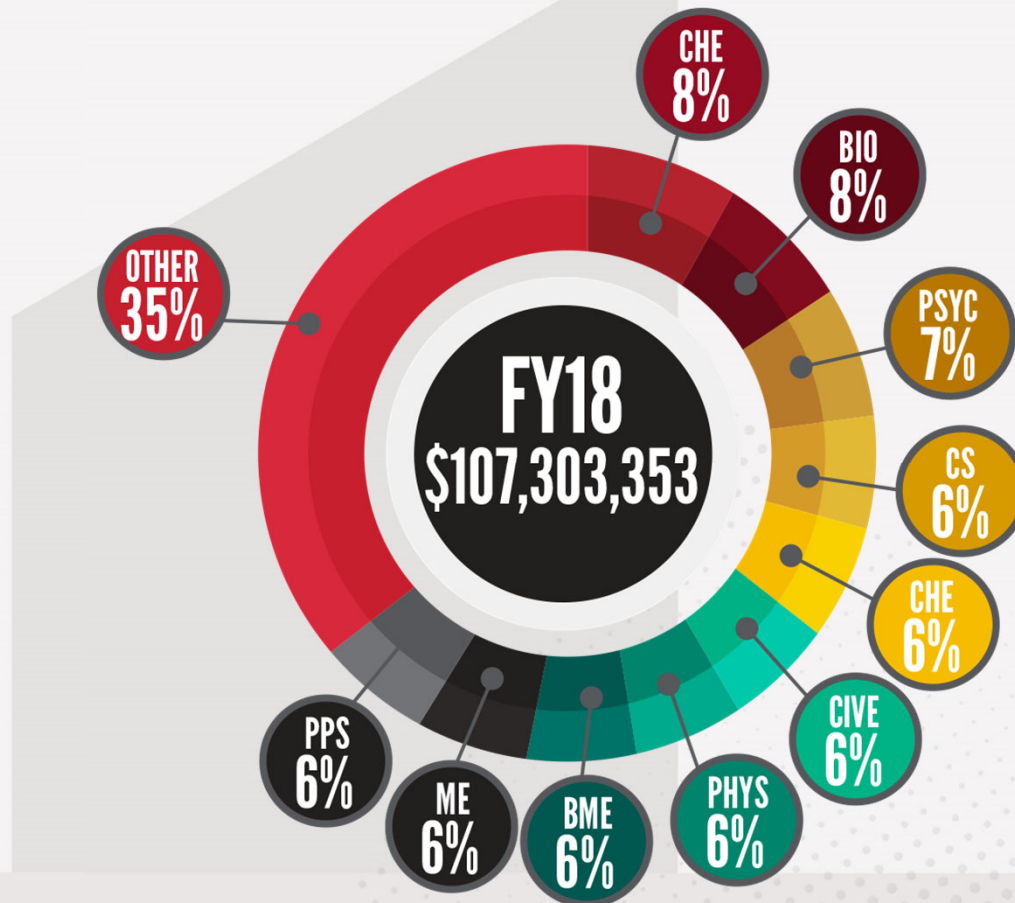
FY18 Department Research Expenditures – Top 20



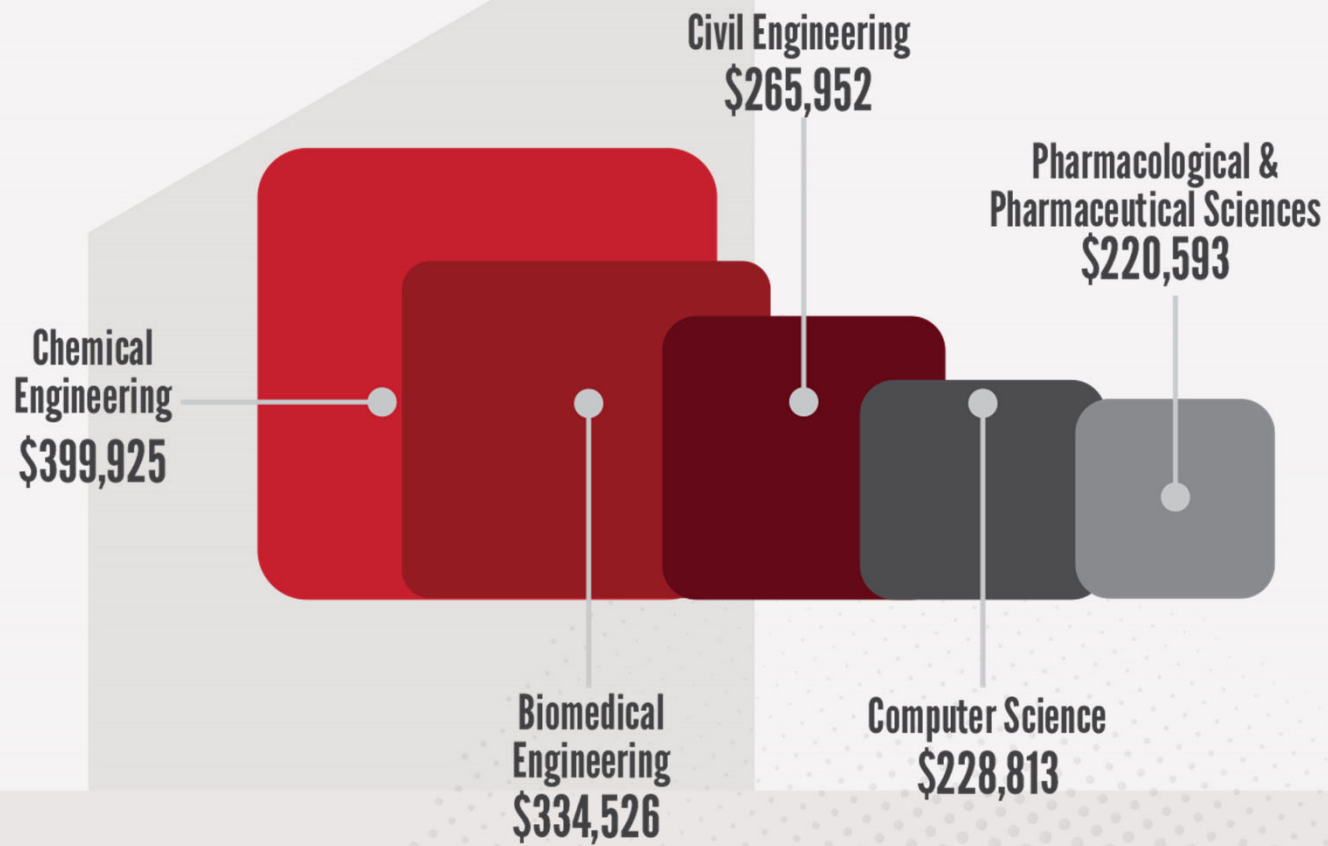
FY18 Department Research Expenditures – Top 20



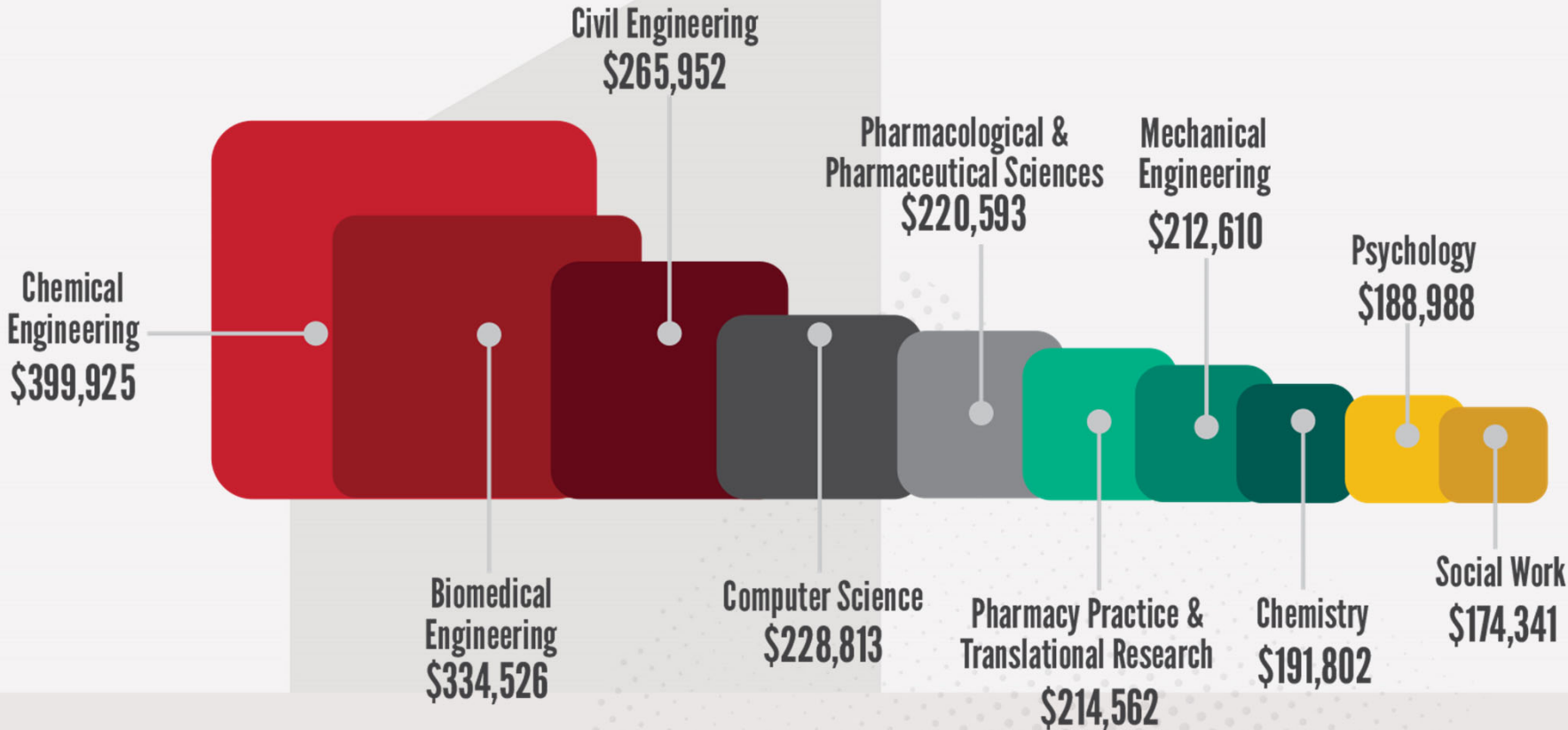
FY18 Department Research Expenditures – Top 10



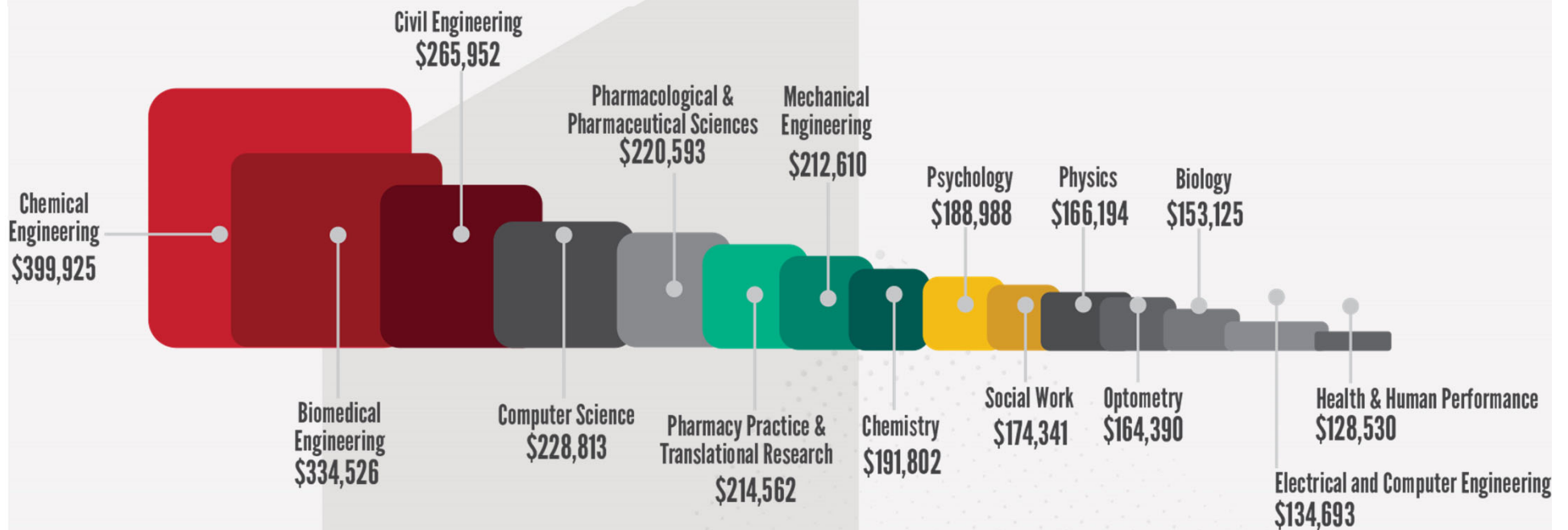
FY18 Department Research Expenditures per Ranked Faculty



FY18 Department Research Expenditures Per Ranked Faculty



FY18 Department Research Expenditures Per Ranked Faculty



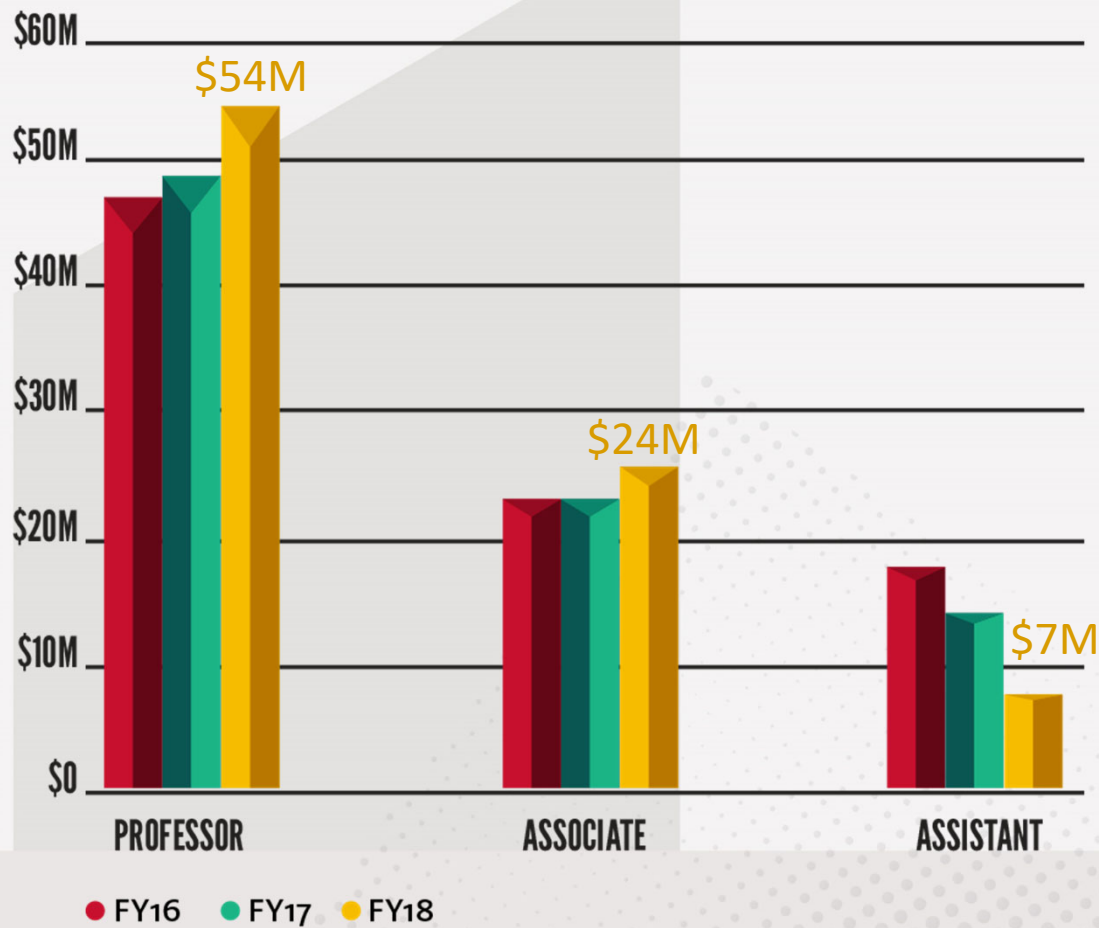
- Pharmacy Health Outcomes & Policy \$120,833
- Earth & Atmospheric Sciences \$110,260
- Psychological, Health & Learning Sciences \$90,276
- Curriculum & Instruction \$73,583
- Petroleum Engineering \$72,385


Overall Expenditures

Per Faculty Rank

FY16-18

Research Expenditures Per Faculty Rank - Overall



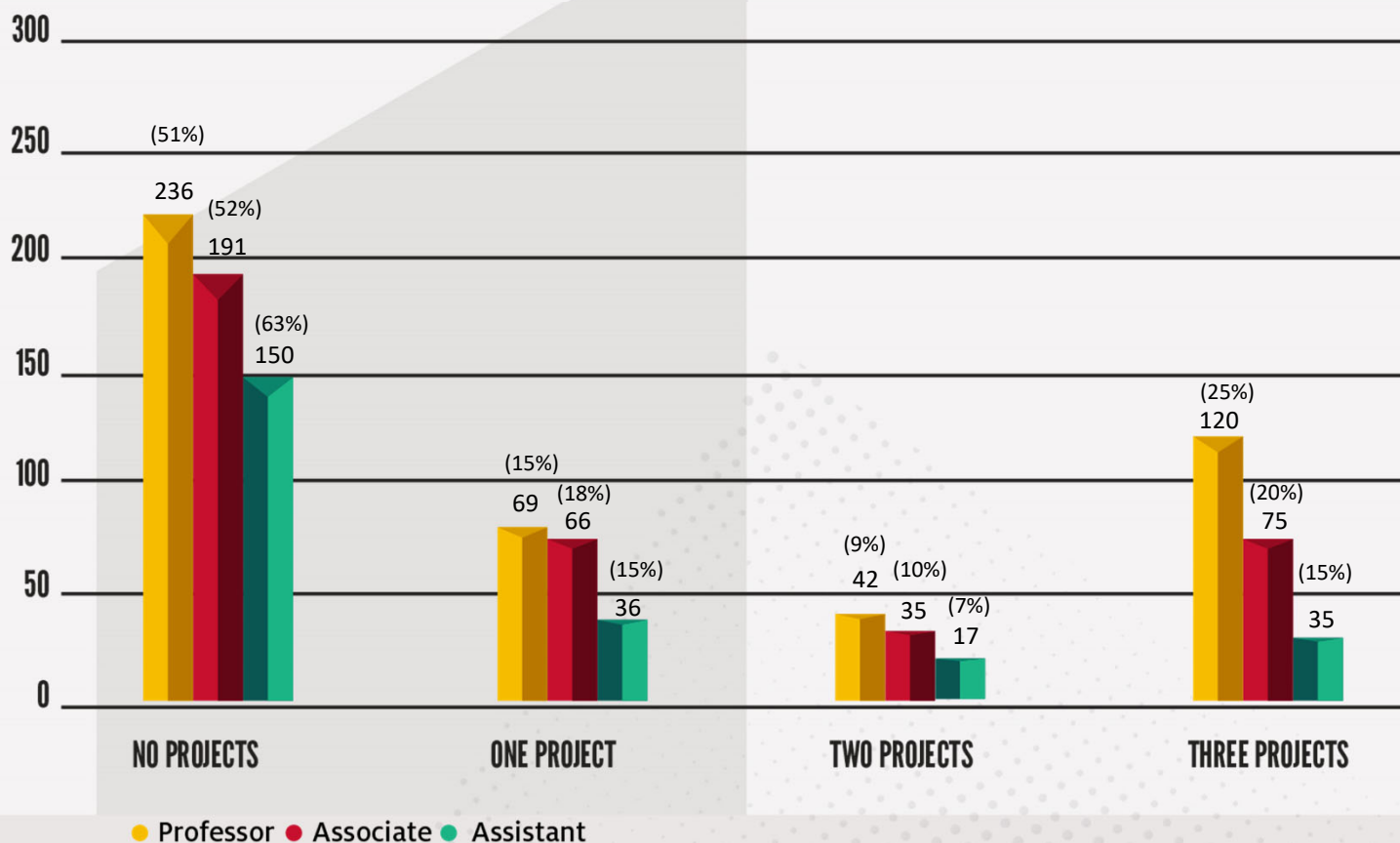


Active Projects and Expenditures

Per Faculty Rank
FY18

Total Ranked Faculty with Projects - Academic Colleges

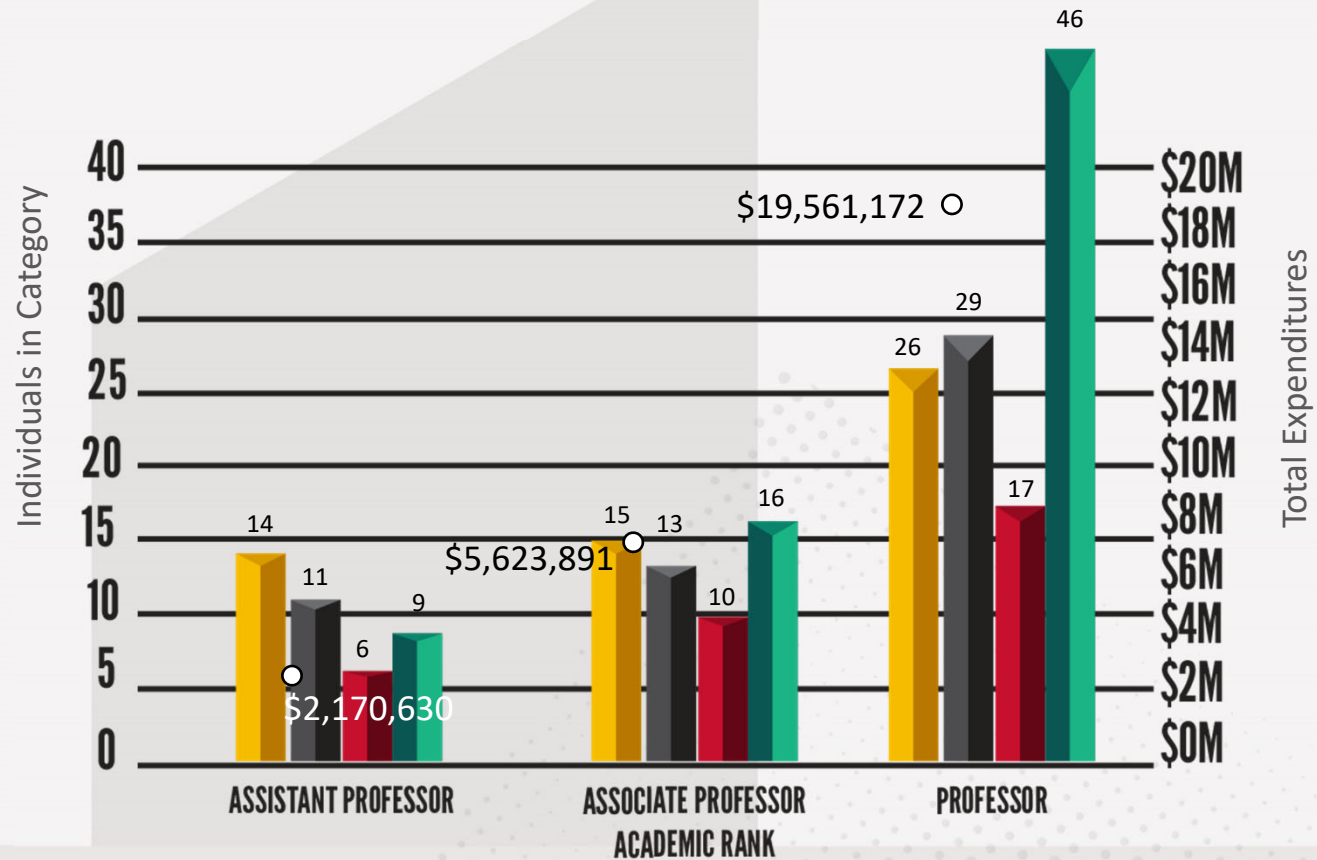
Total Projects FY18: 1712



* Emeritus Professors are not reflected in the above numbers.

FY18 Active Projects and Total Expenditures

Natural Sciences & Mathematics



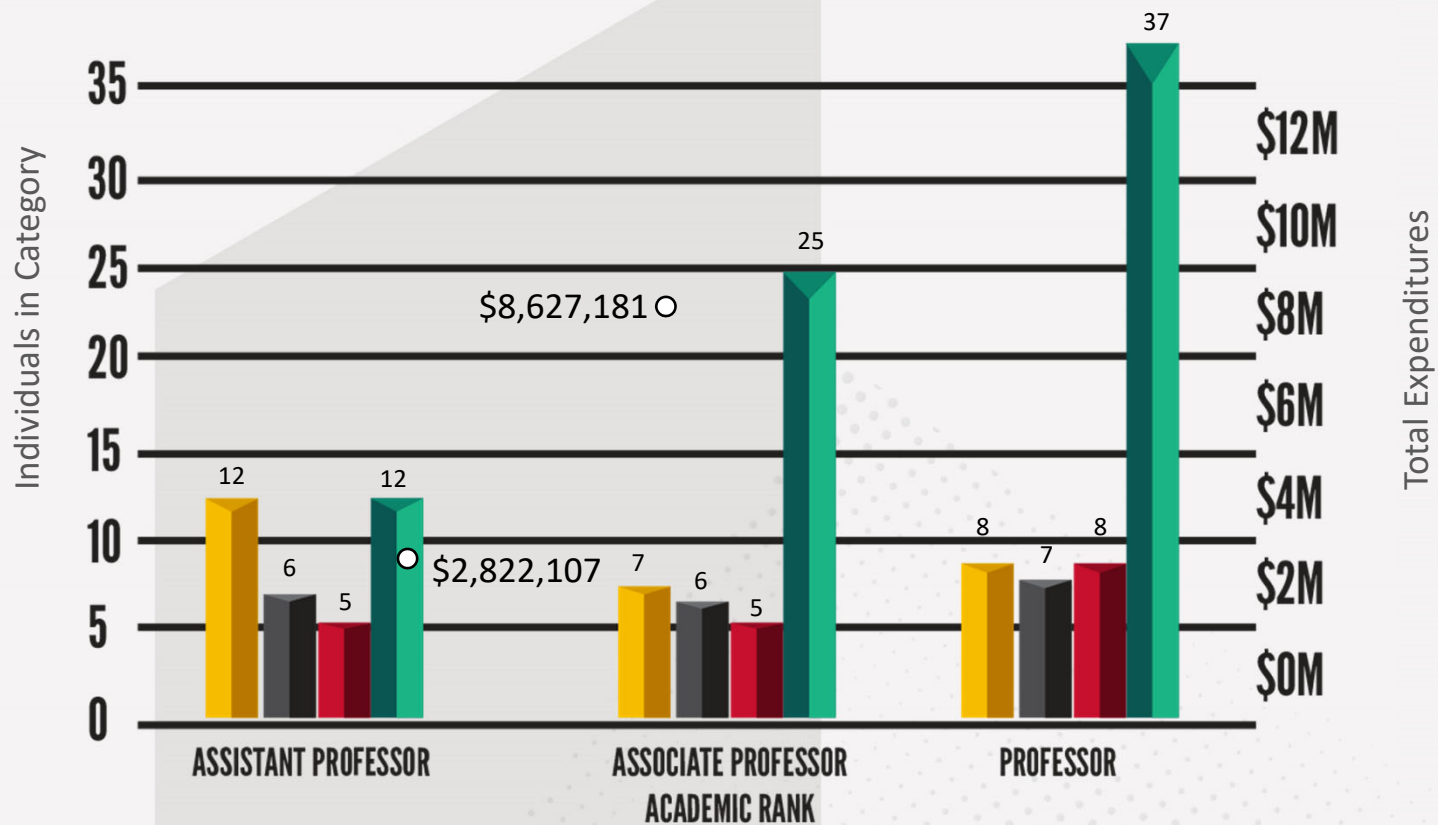
● No Active Projects ● One Active Projects ● Two Active Projects ● Three Active Projects ○ Expenditures

* Emeritus Professors are not reflected in the above numbers.

FY18 Active Projects and Total Expenditures

Engineering

\$17,104,826 ○

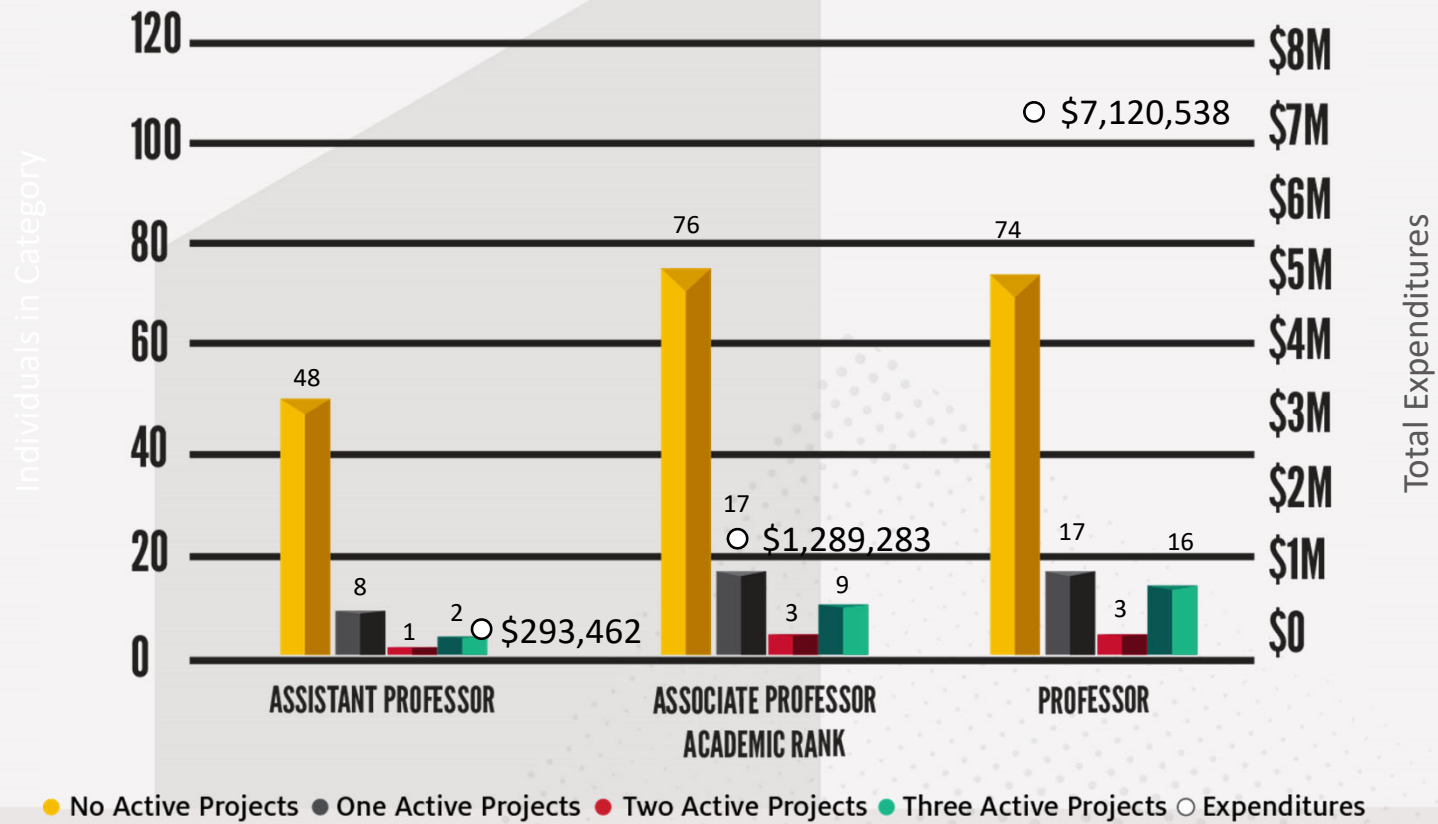


● No Active Projects ● One Active Projects ● Two Active Projects ● Three Active Projects ○ Expenditures

* Emeritus Professors are not reflected in the above numbers.

FY18 Active Projects and Total Expenditures

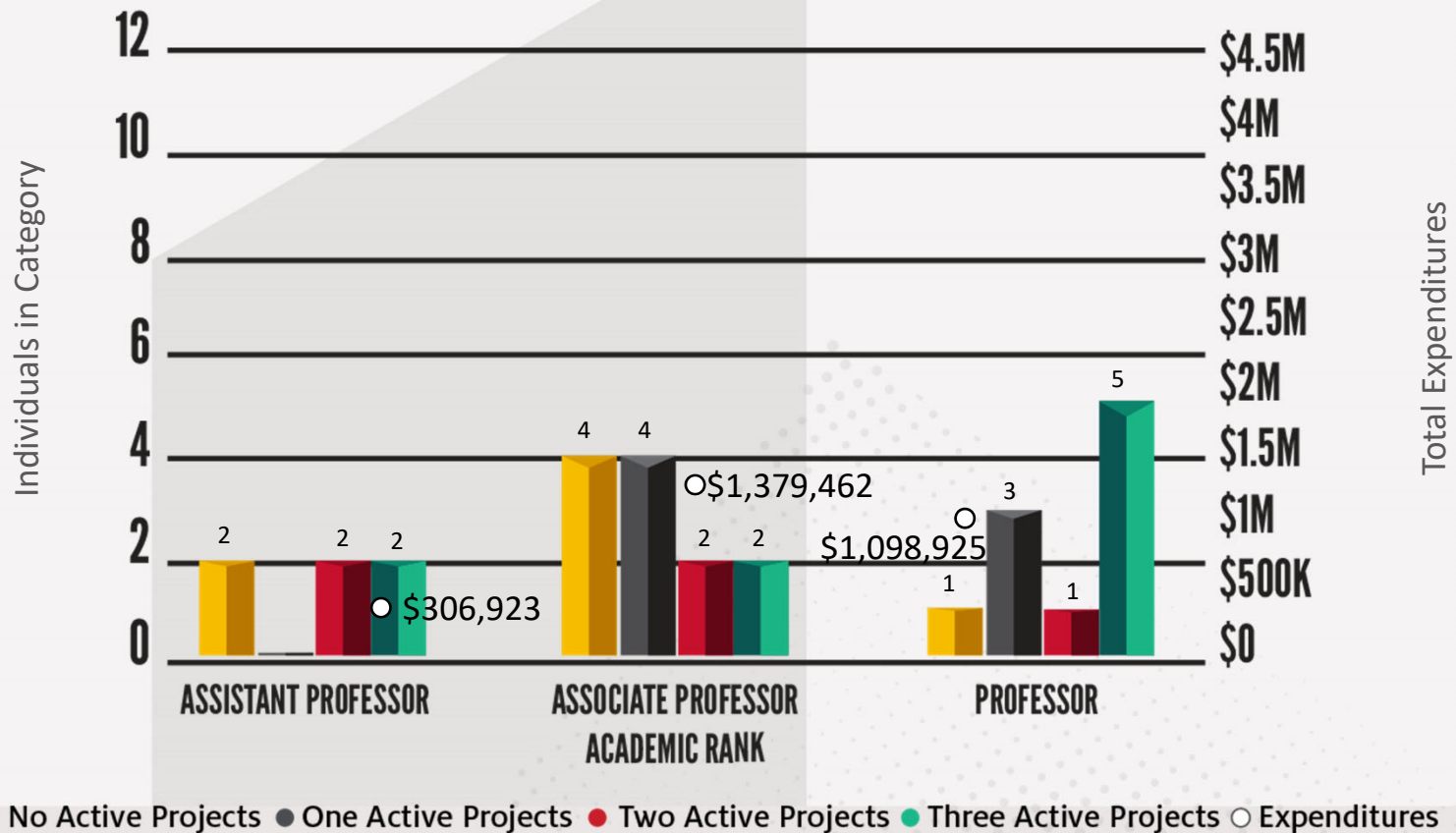
CLASS



* Emeritus Professors are not reflected in the above numbers.

FY18 Active Projects and Total Expenditures

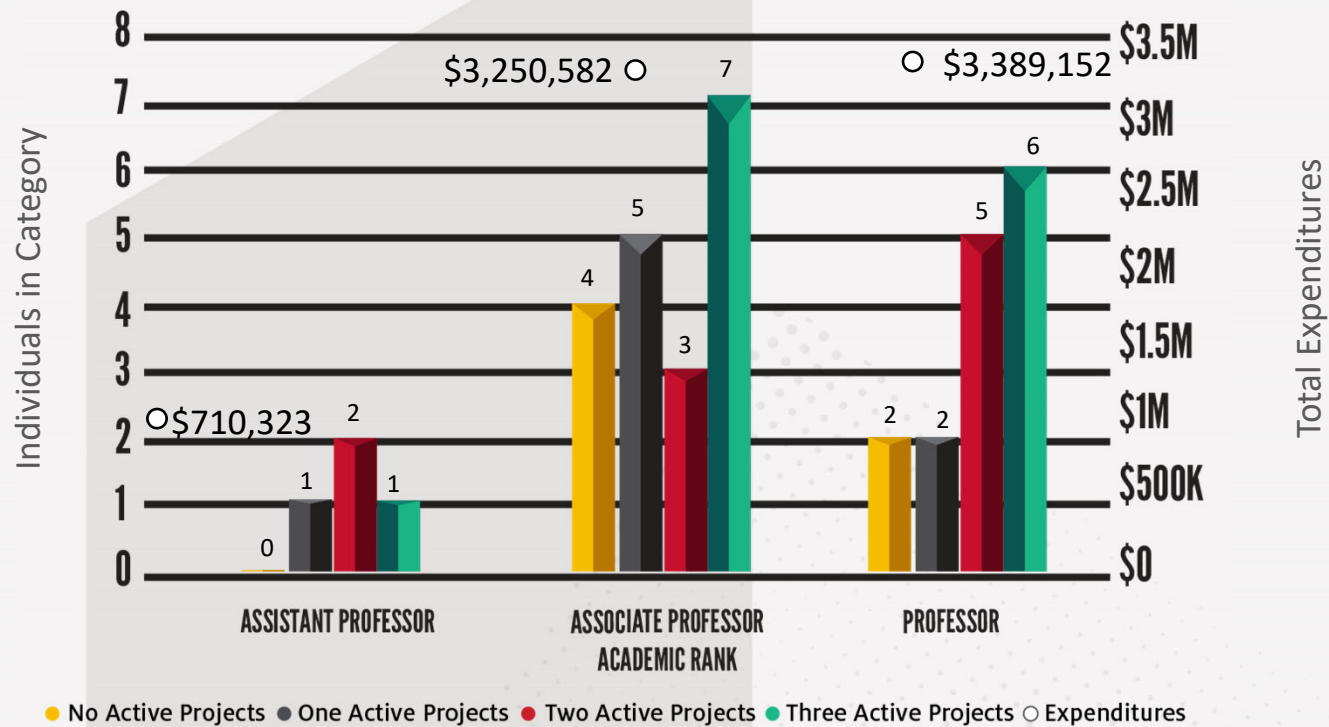
Optometry



* Emeritus Professors are not reflected in the above numbers.

FY18 Active Projects and Total Expenditures

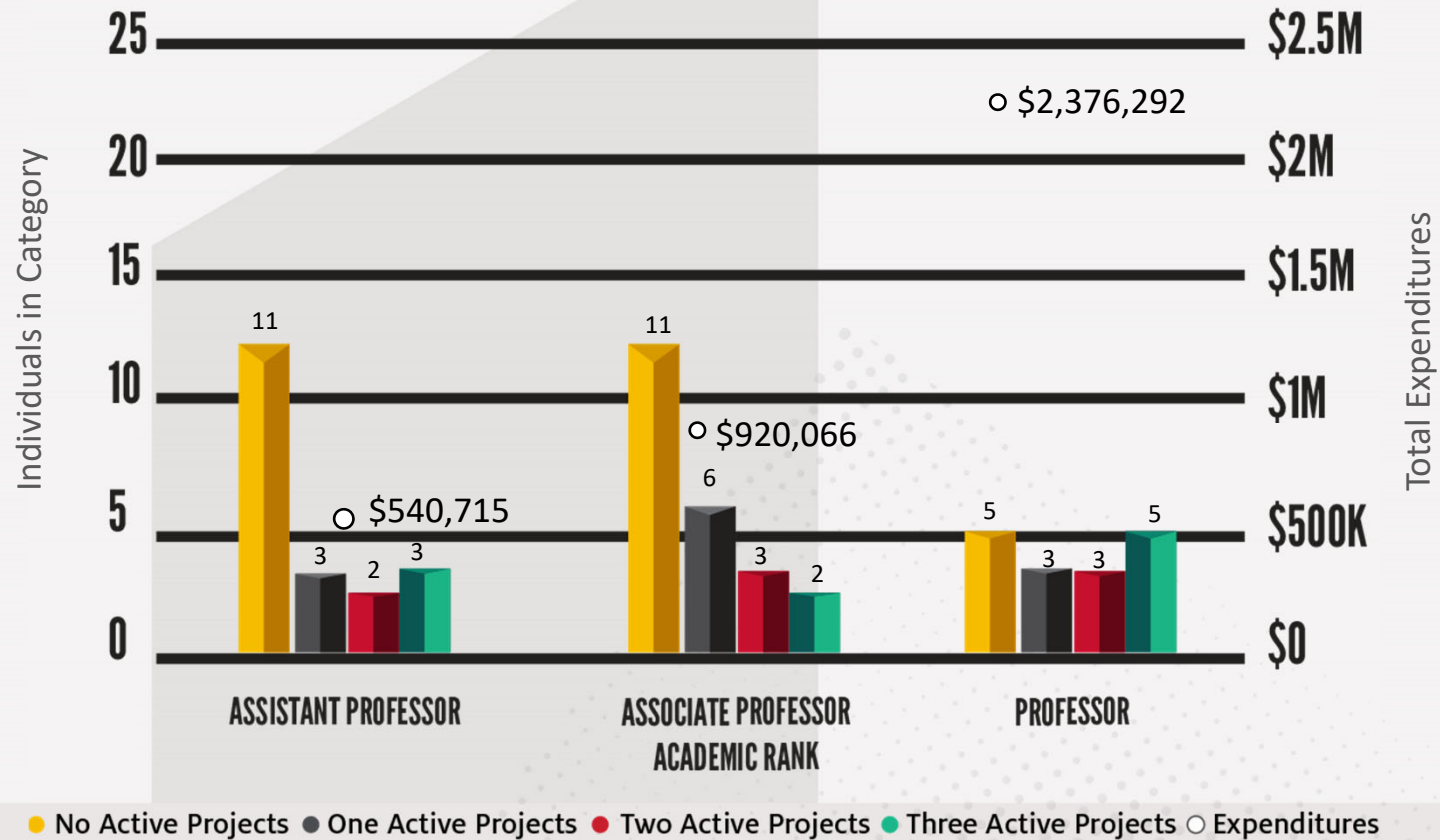
Pharmacy



* Emeritus Professors are not reflected in the above numbers.

FY18 Active Projects and Total Expenditures

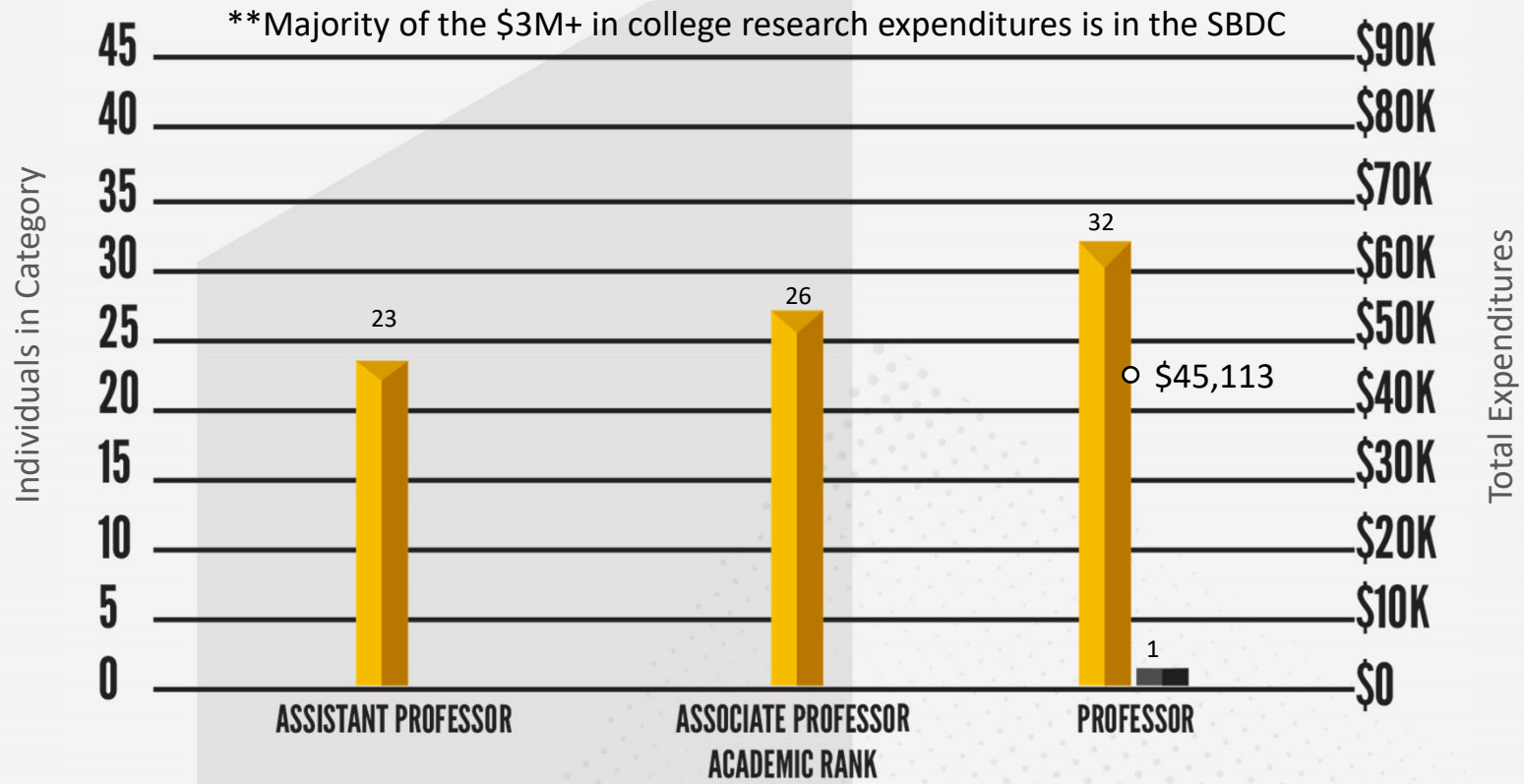
Education



* Emeritus Professors are not reflected in the above numbers.

FY18 Active Projects and Total Expenditures

Business

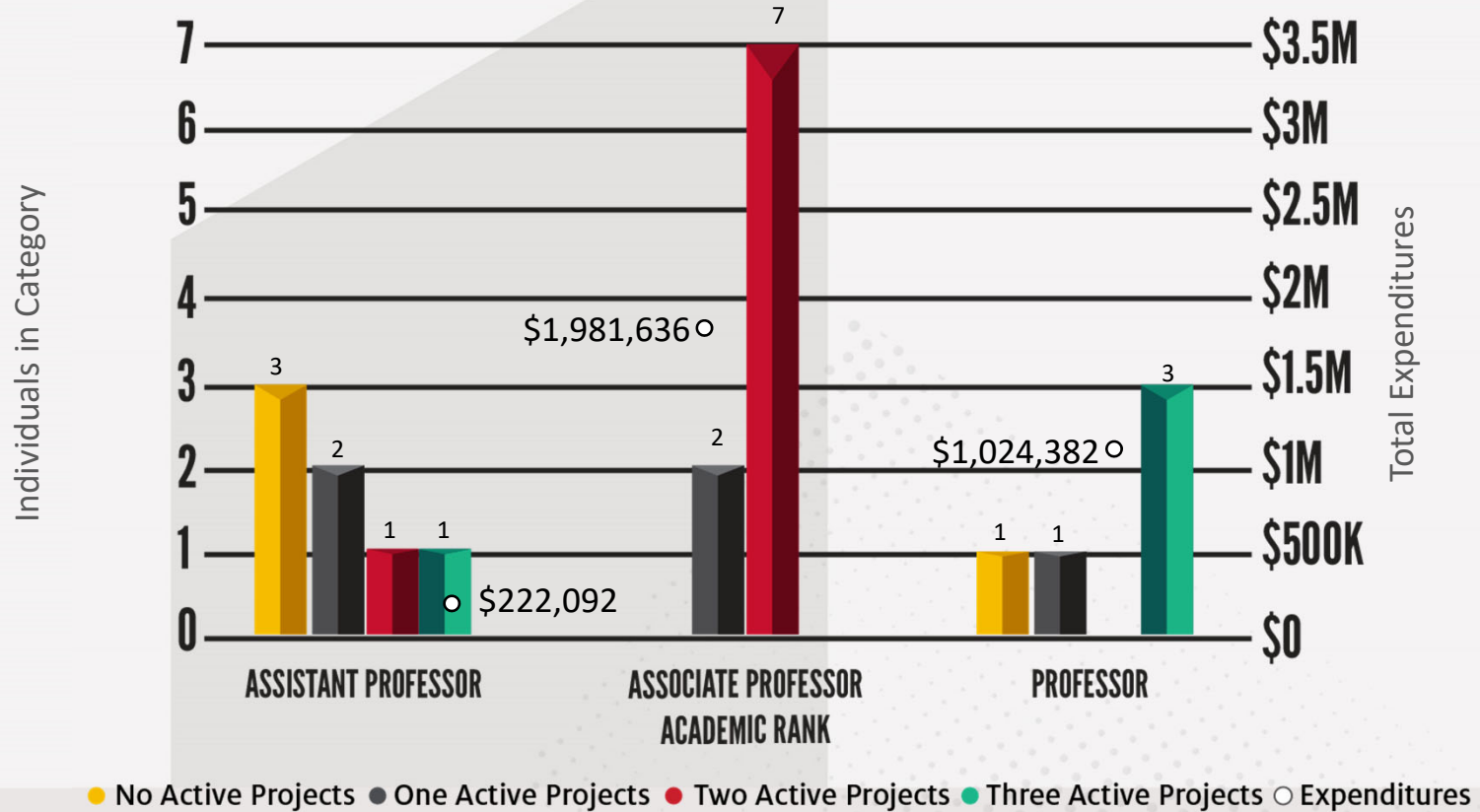


● No Active Projects ● One Active Projects ● Two Active Projects ● Three Active Projects ○ Expenditures

* Emeritus Professors are not reflected in the above numbers..

FY18 Active Projects and Total Expenditures

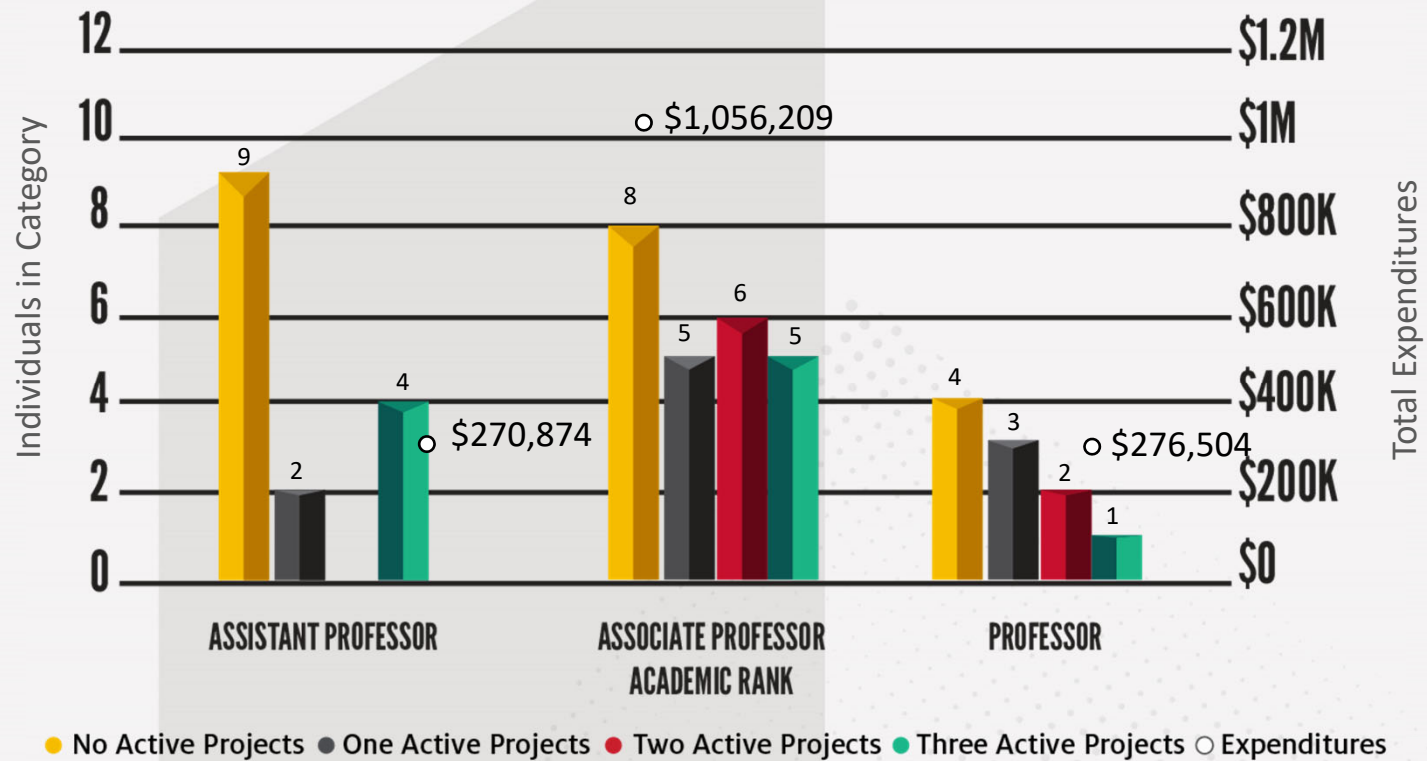
Social Work



* Emeritus Professors are not reflected in the above numbers.

FY18 Active Projects and Total Expenditures

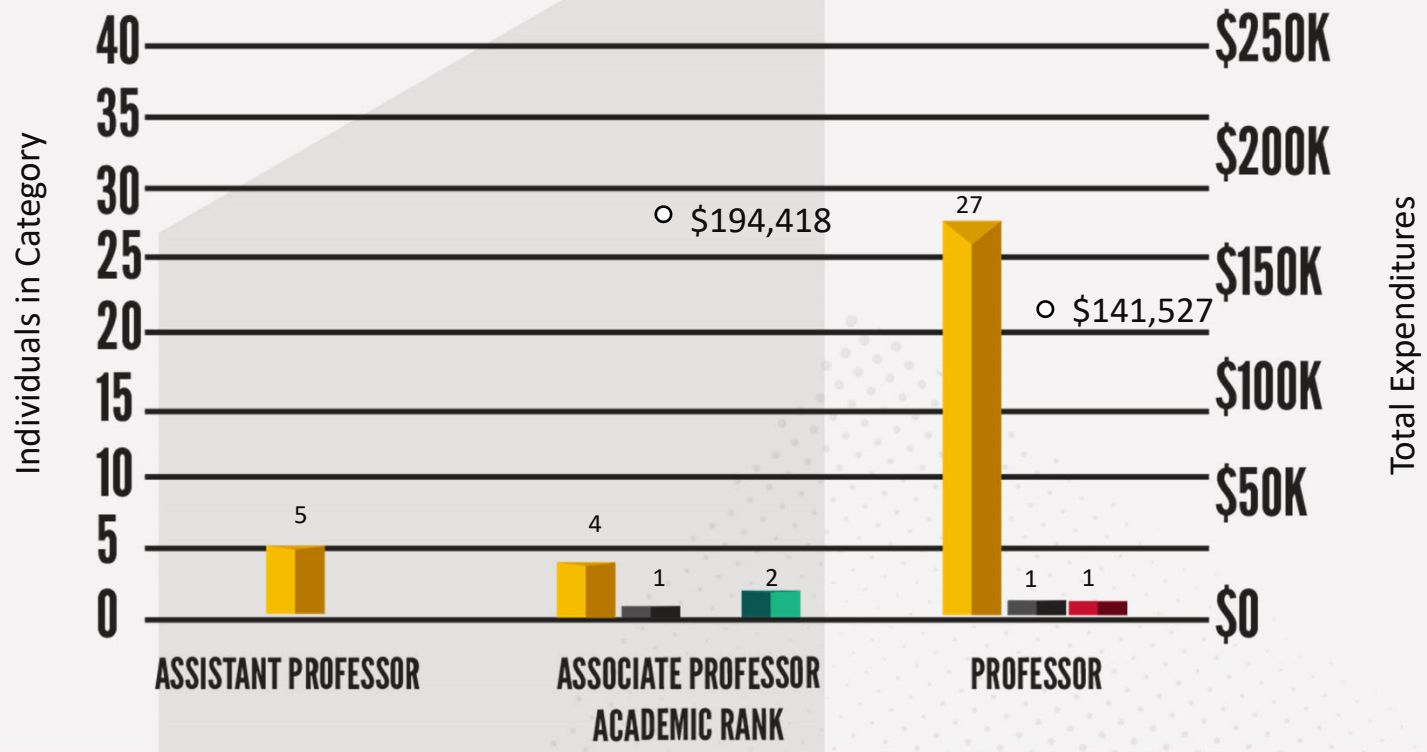
Technology



* Emeritus Professors are not reflected in the above numbers.

FY18 Active Projects and Total Expenditures

Law

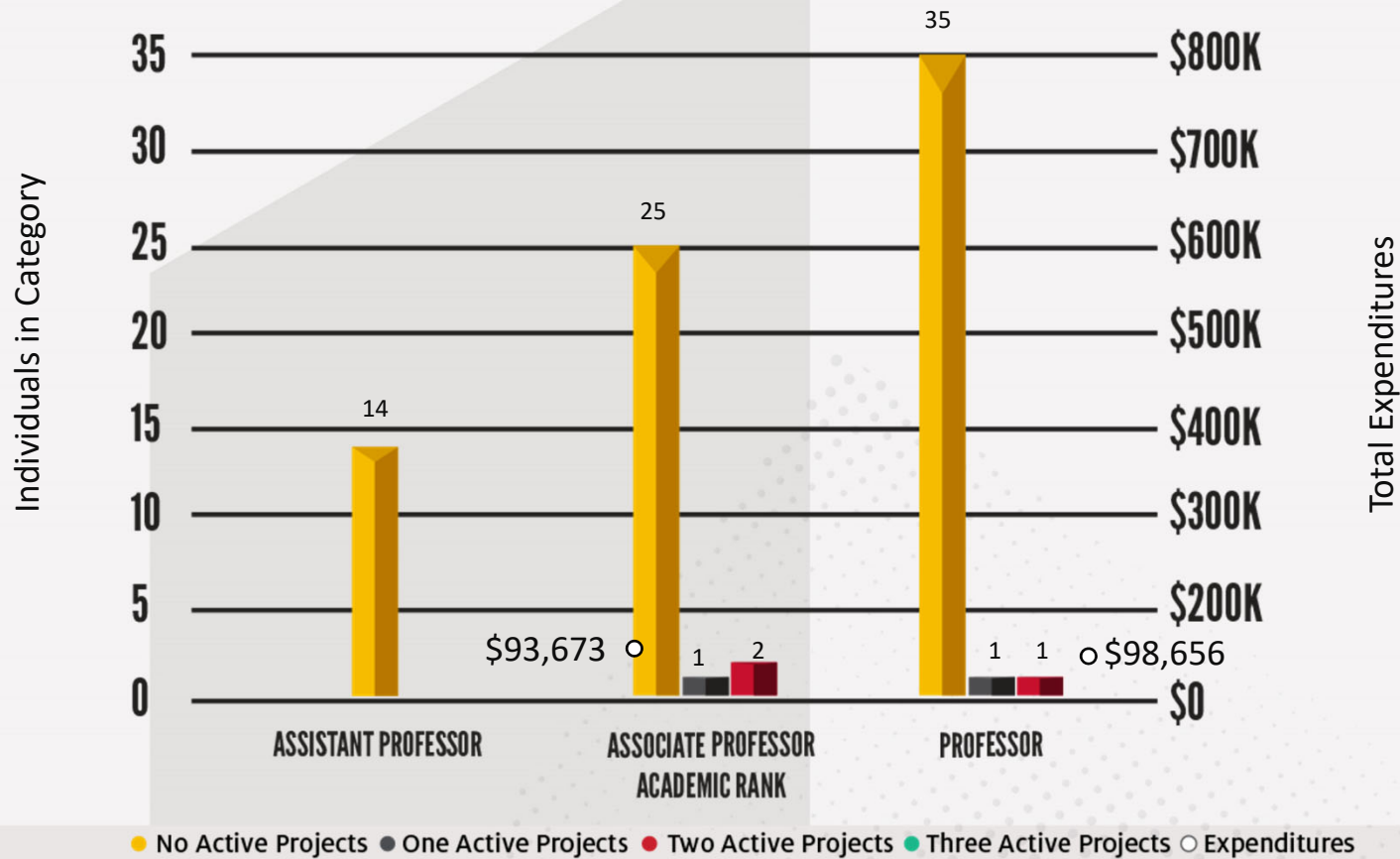


● No Active Projects ● One Active Projects ● Two Active Projects ● Three Active Projects ○ Expenditures

* Emeritus Professors are not reflected in the above numbers.

FY18 Active Projects and Total Expenditures

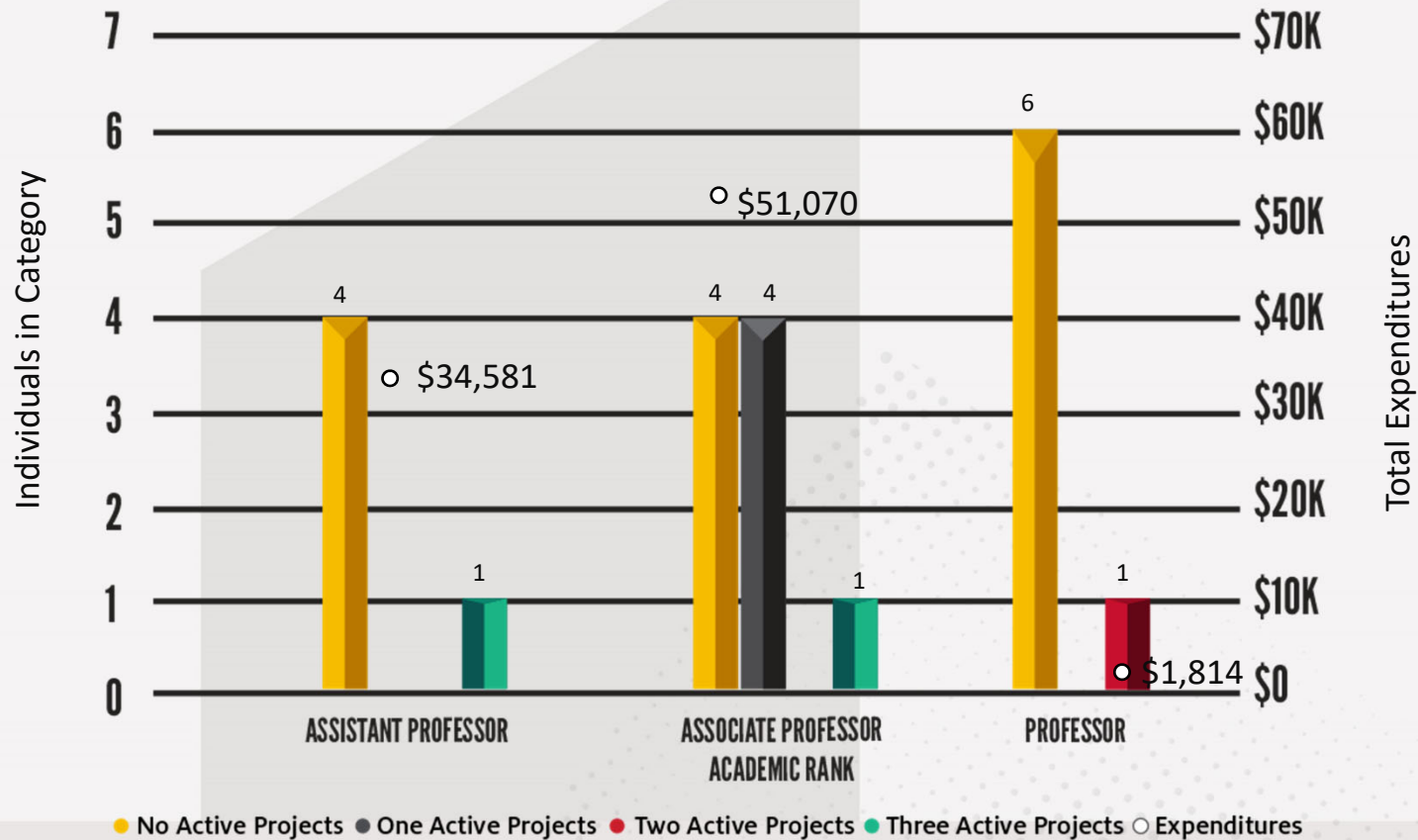
Arts



* Emeritus Professors are not reflected in the above numbers.

FY18 Active Projects and Total Expenditures

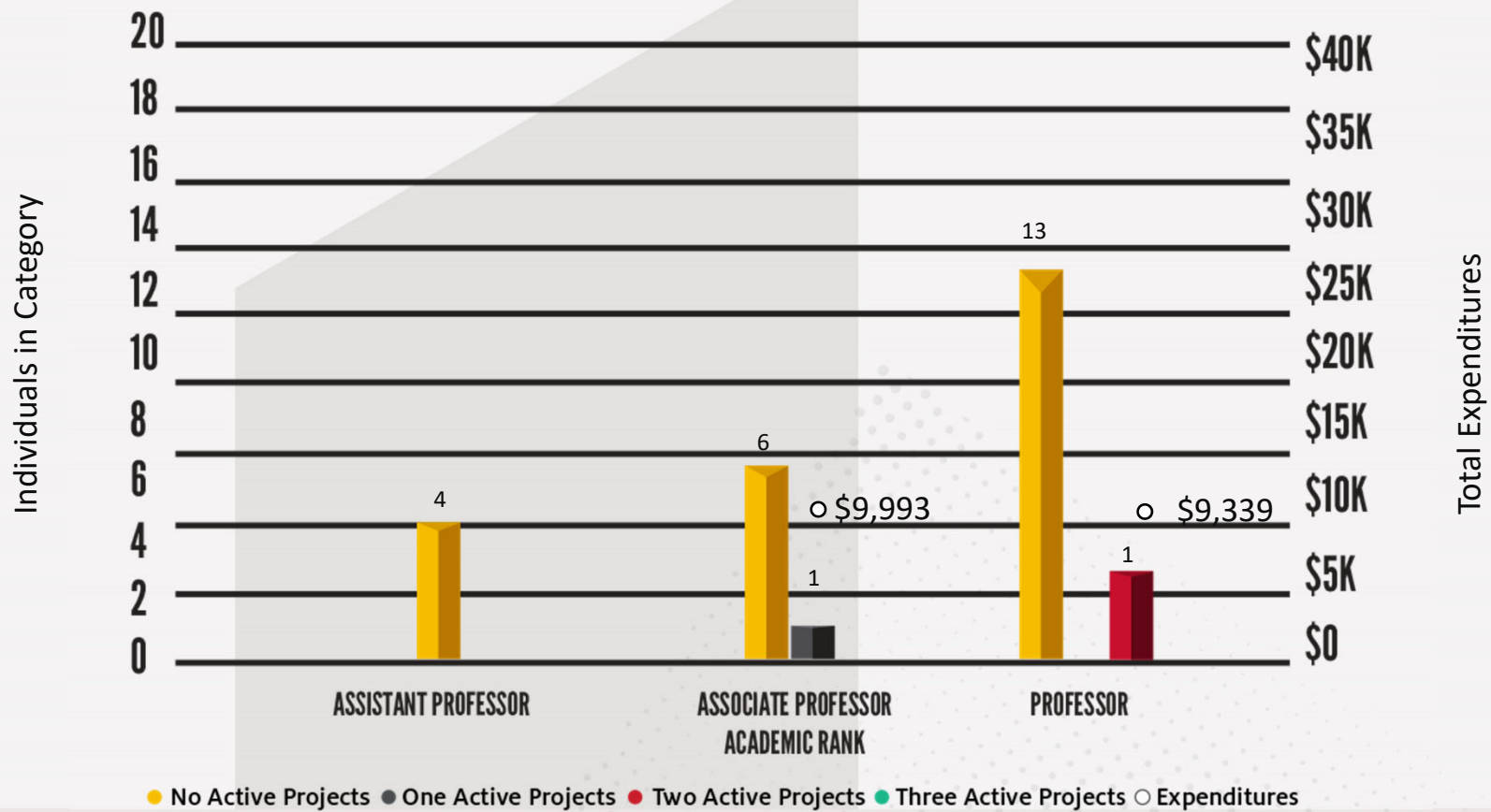
Hotel & Restaurant Management



* Emeritus Professors are not reflected in the above numbers.

FY18 Active Projects and Total Expenditures

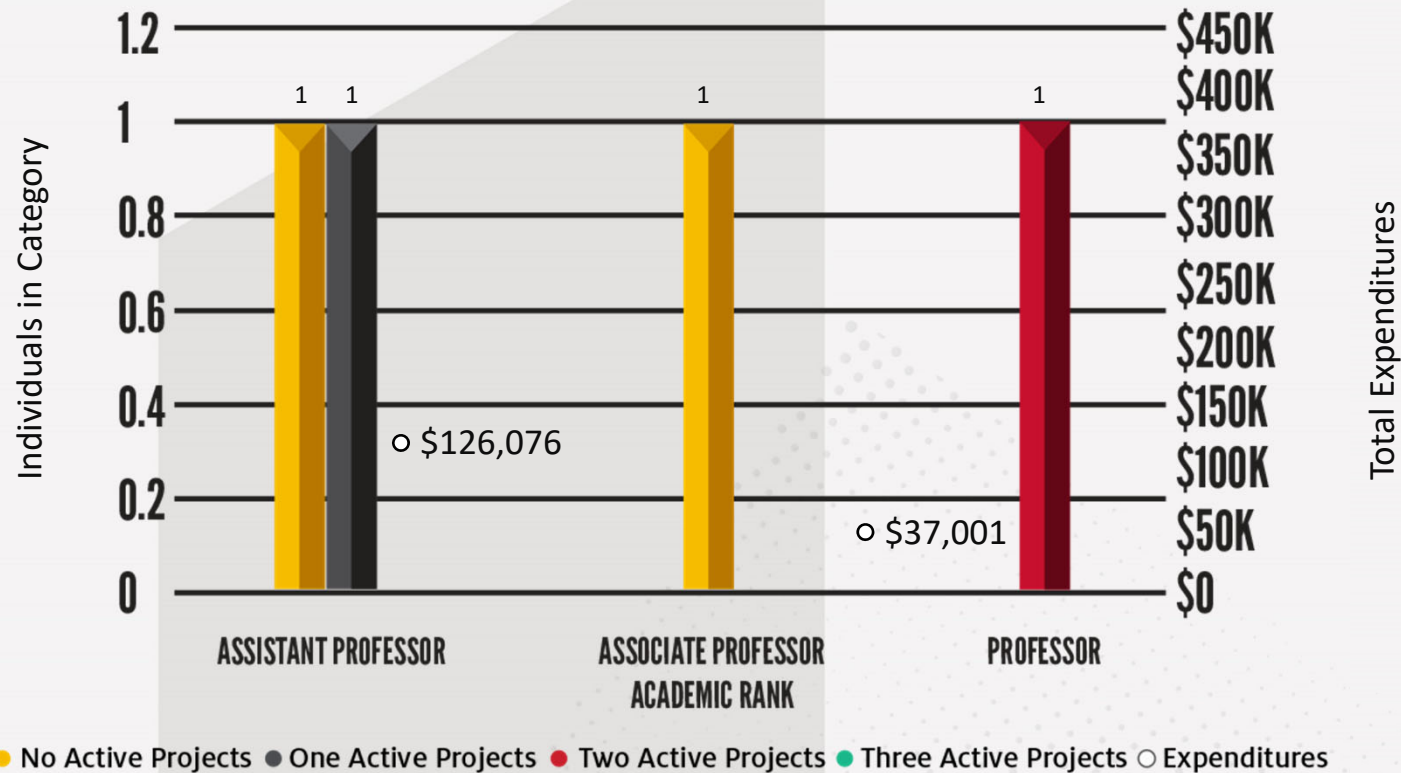
Architecture



* Emeritus Professors are not reflected in the above numbers. However, there are nine active projects by Emeritus Professors across the university.

FY18 Active Projects and Total Expenditures

Nursing



Grants and Contracts Activity Assistant Professors FY14-18

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

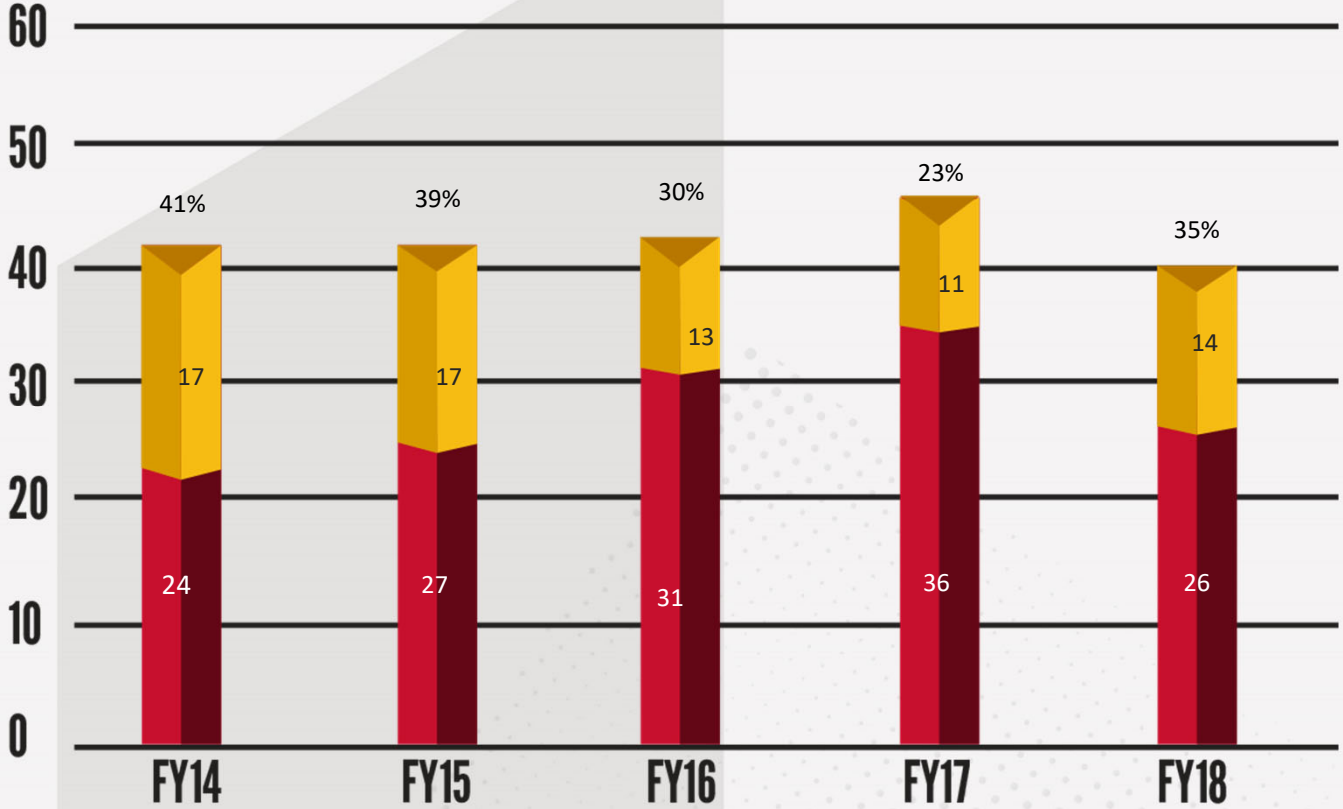
Scholarly Contributions

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 Professors – Contracts and No Contracts

Natural Sciences & Mathematics

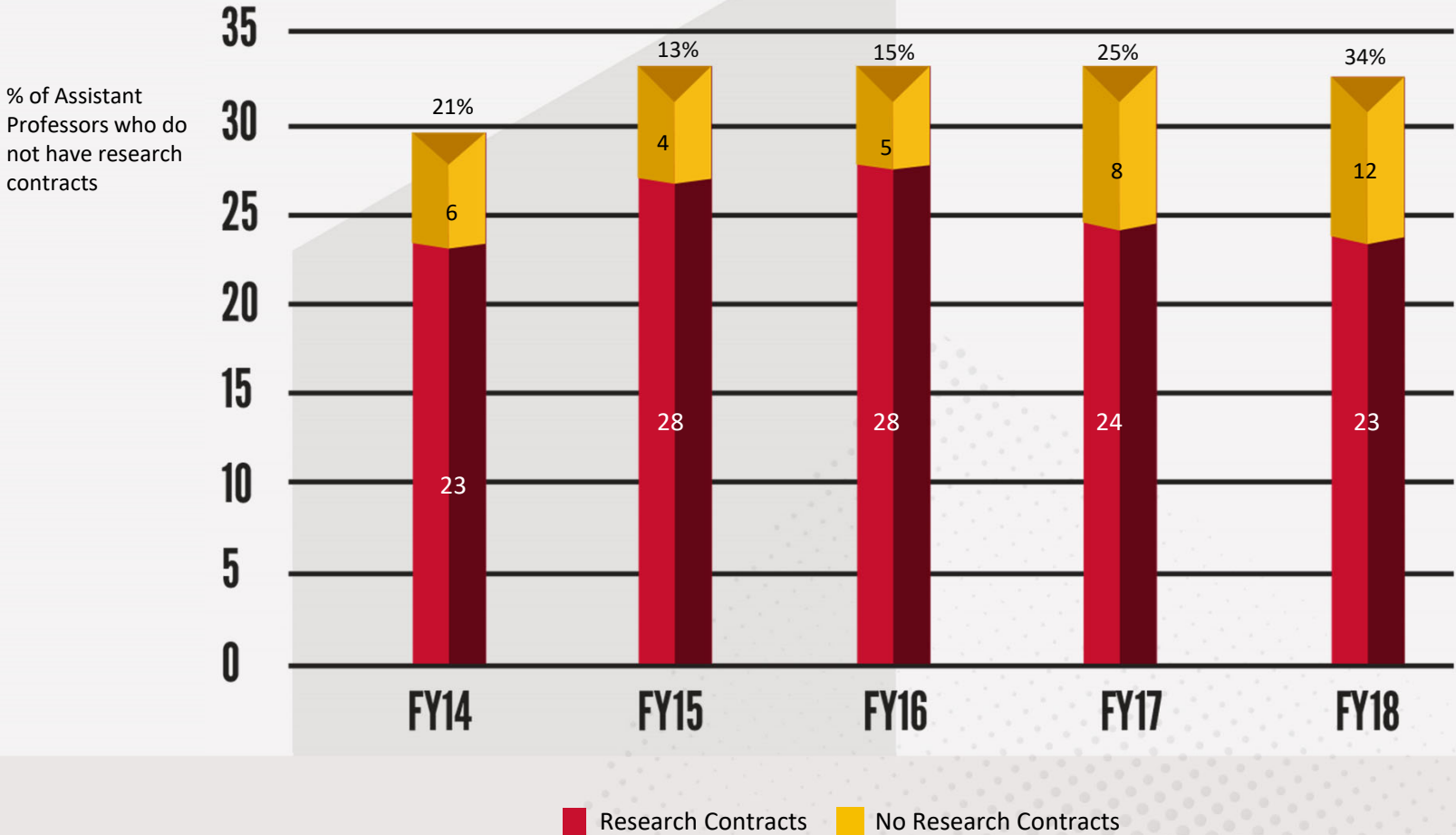
% of Assistant Professors who do not have research contracts



■ Research Contracts ■ No Research Contracts

Assistant Professors – Contracts and No Contracts

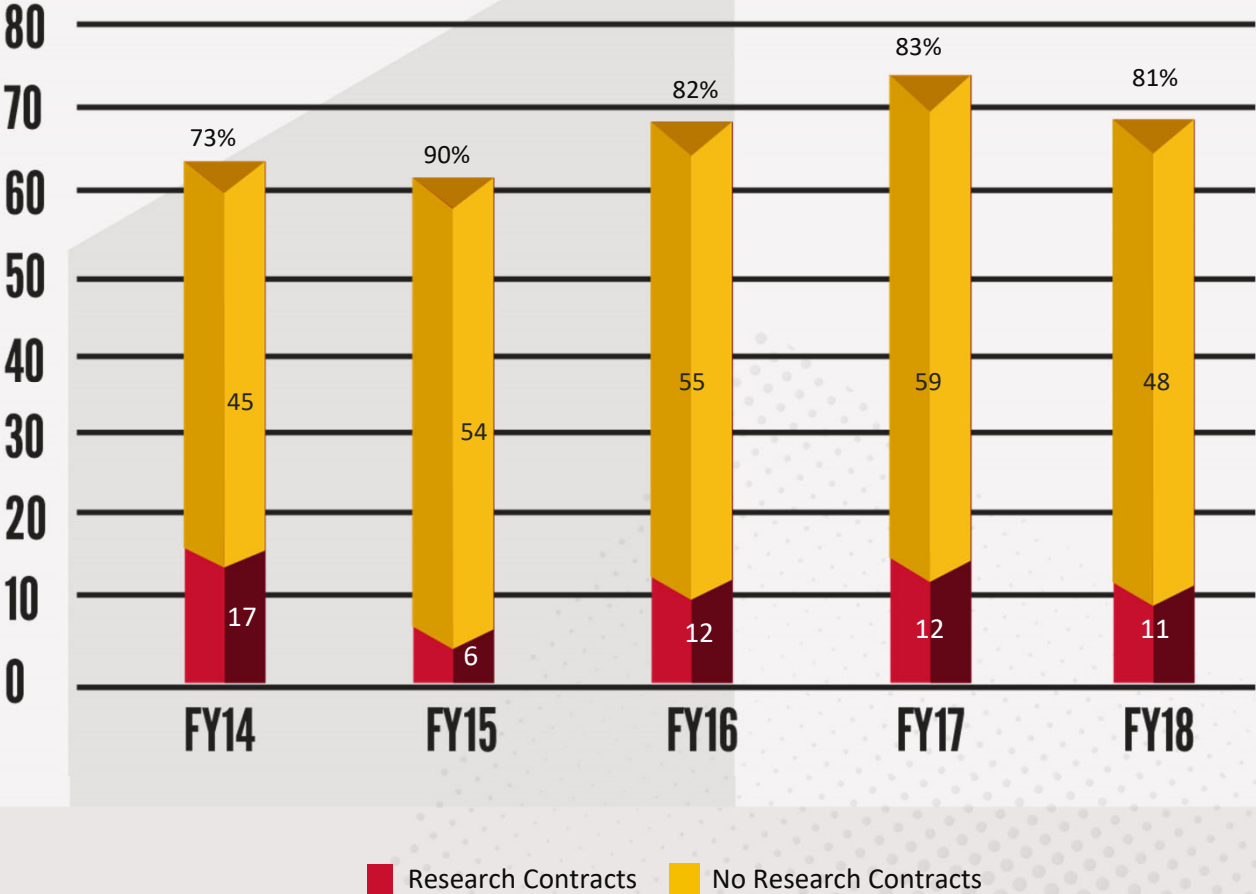
Engineering



Assistant Professors – Contracts and No Contracts

CLASS

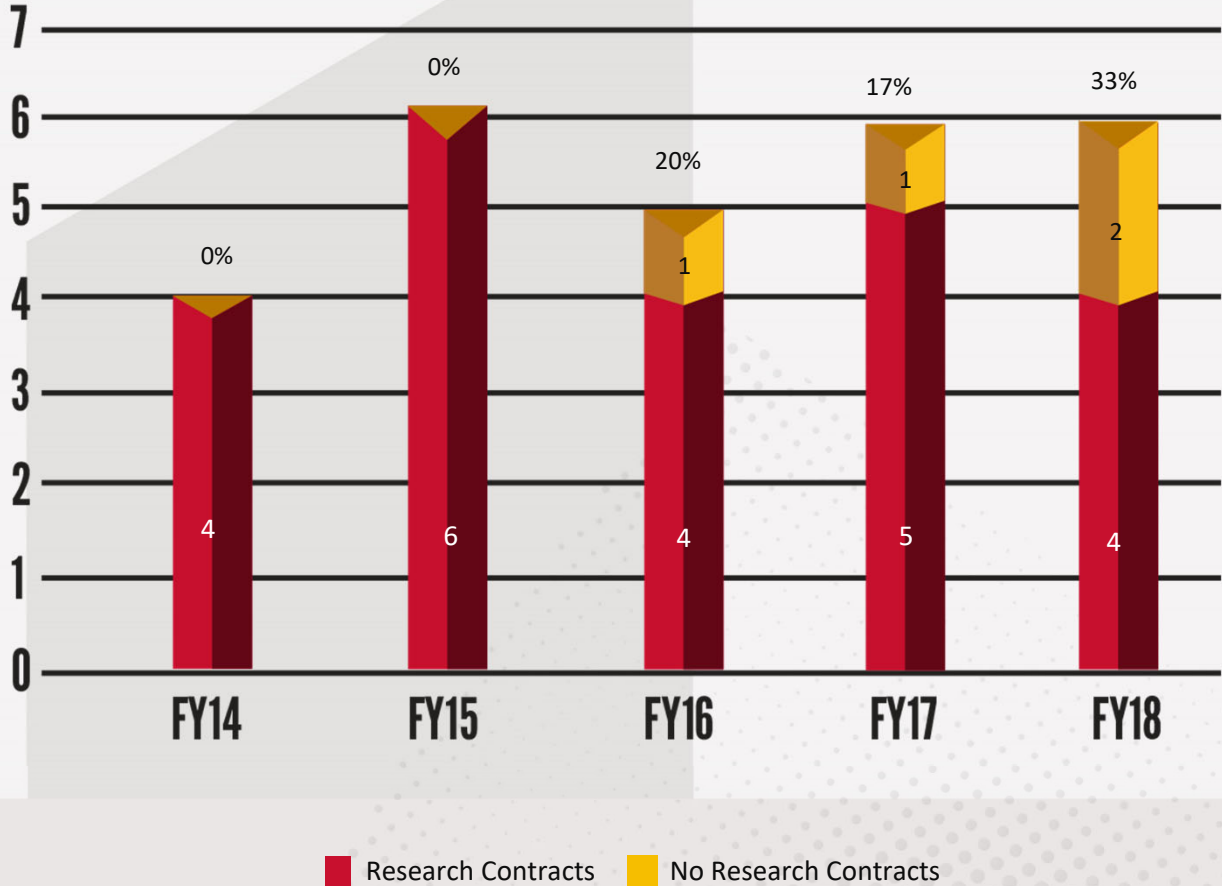
% of Assistant Professors who do not have research contracts



Assistant Professors – Contracts and No Contracts

Optometry

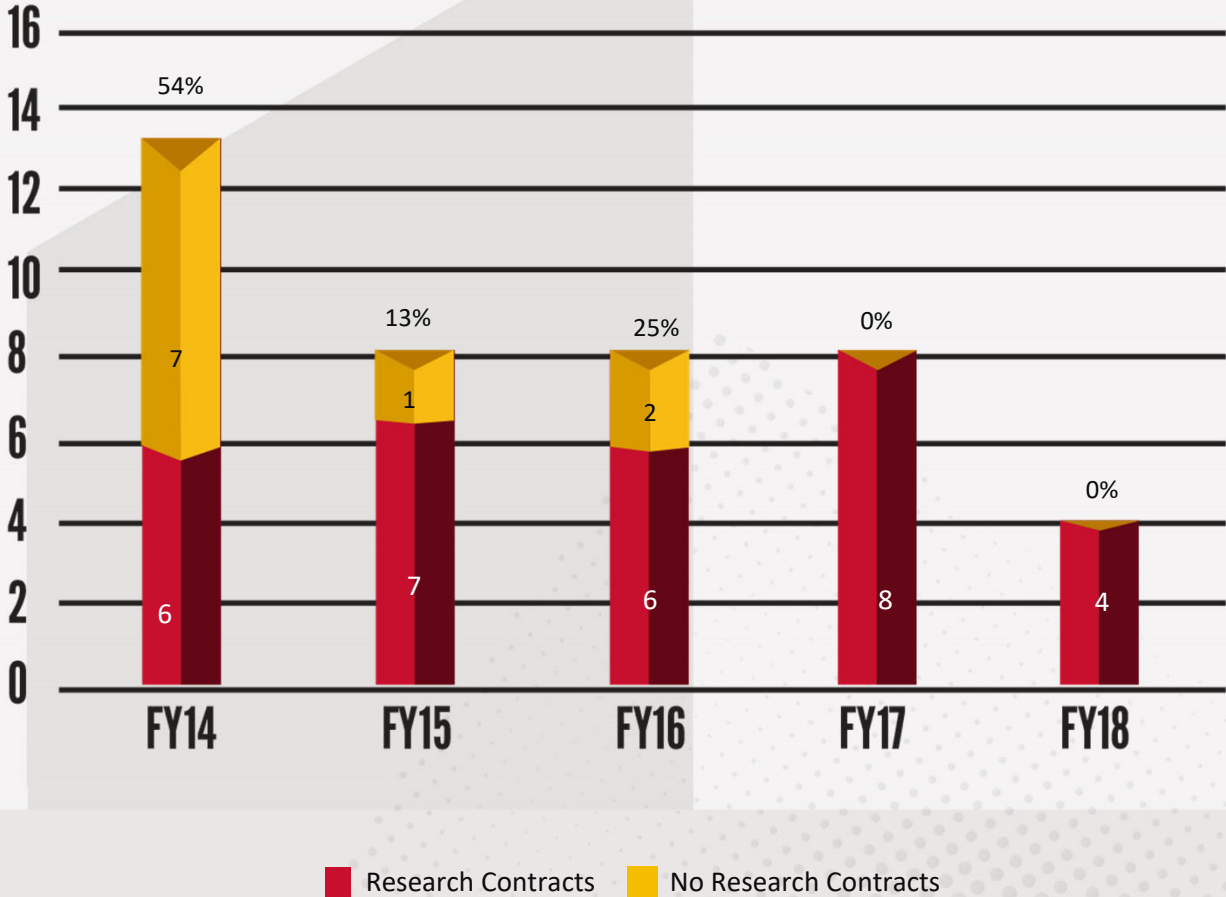
% of Assistant Professors who do not have research contracts



Assistant Professors – Contracts and No Contracts

Pharmacy

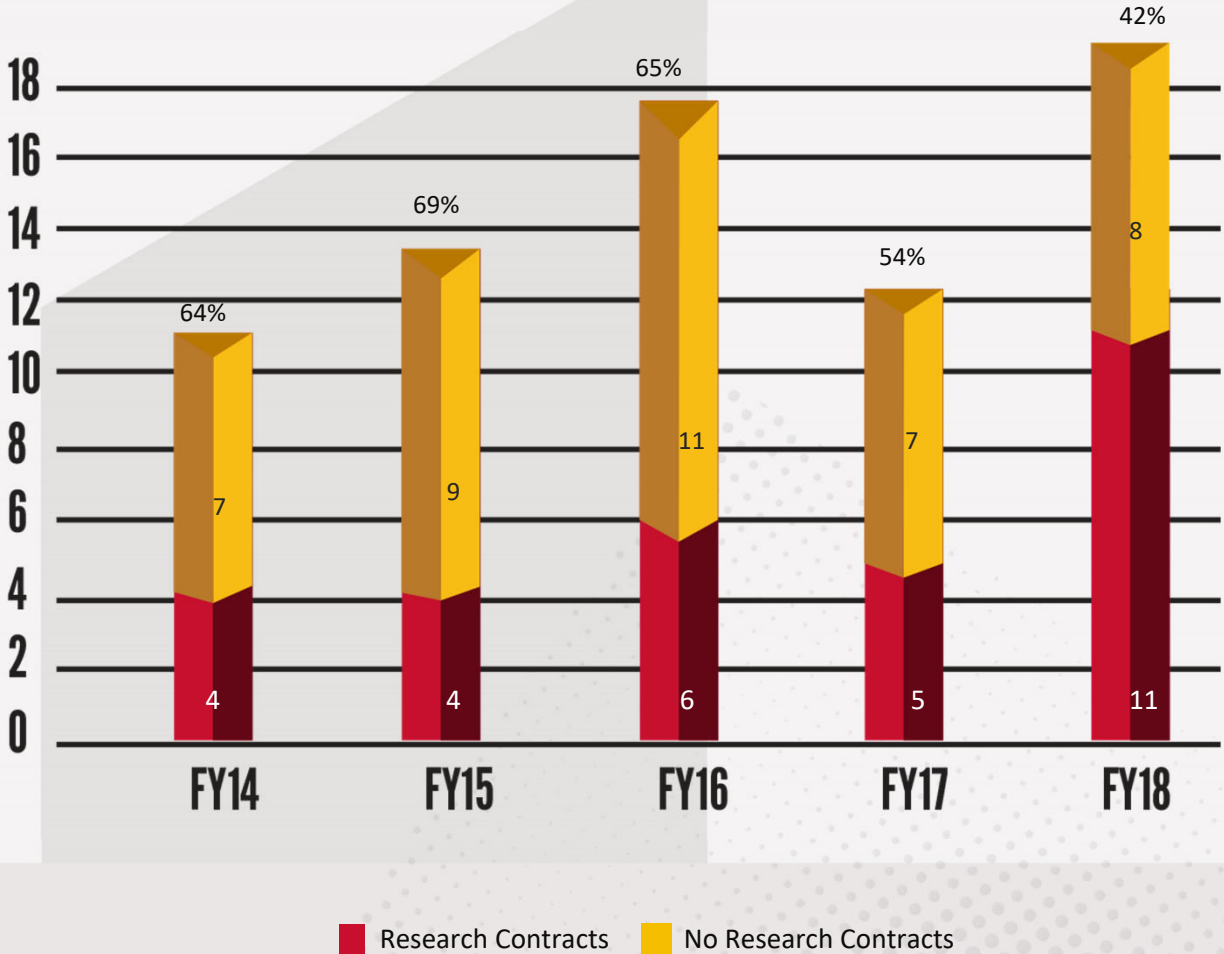
% of Assistant Professors who do not have research contracts



Assistant Professors – Contracts and No Contracts

Education

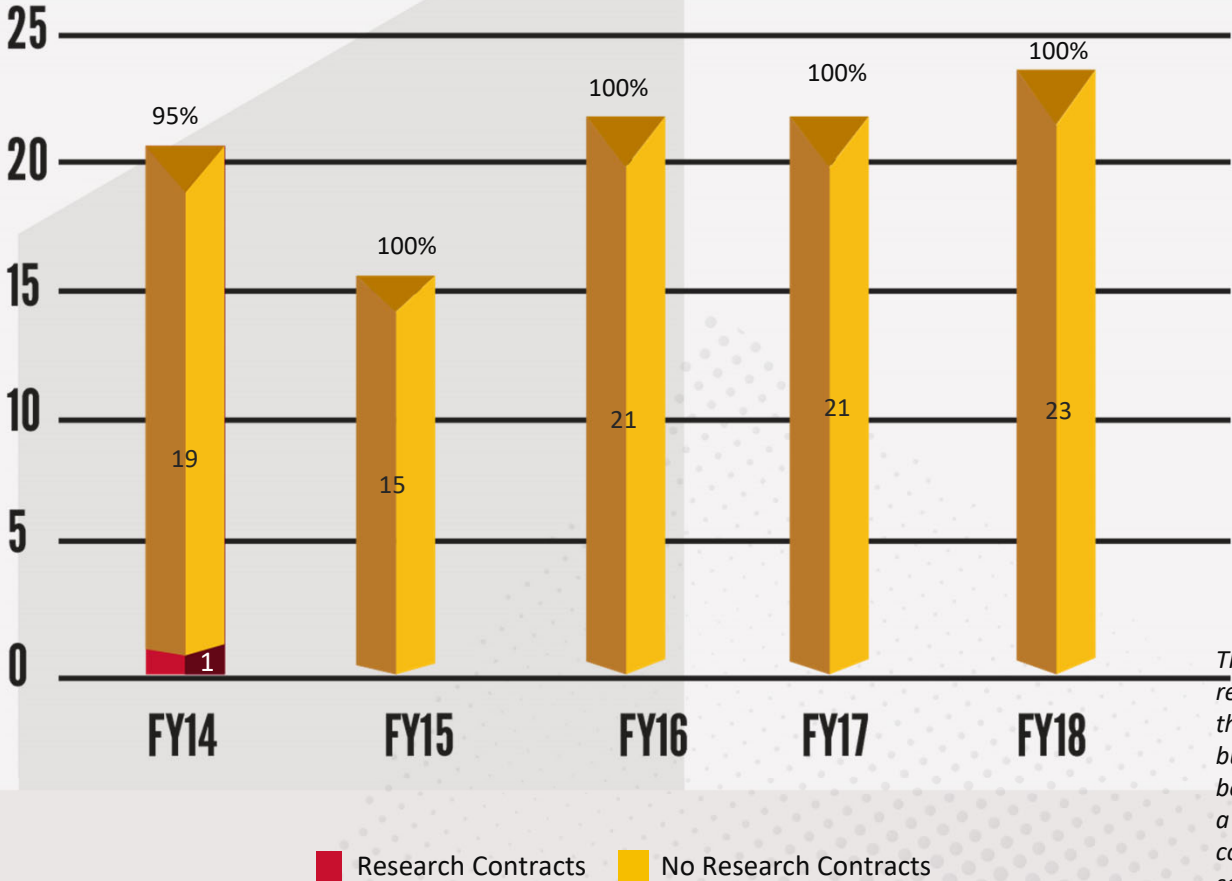
% of Assistant Professors who do not have research contracts



Assistant Professors – Contracts and No Contracts

Business

% of Assistant Professors who do not have research contracts

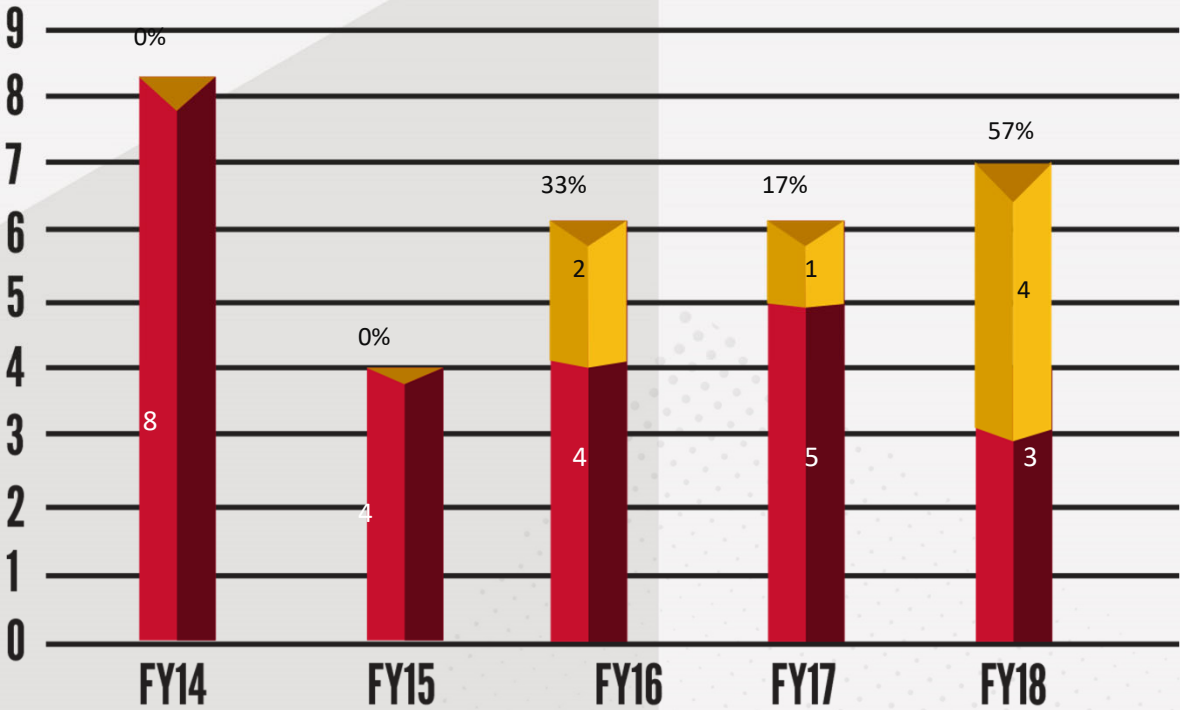


The FY13 values do not reflect the data within the UH system of record, but rather, the plot has been modified based on a verified inconsistency in counting PIs within that same fiscal year.

Assistant Professors – Contracts and No Contracts

Social Work

% of Assistant Professors who do not have research contracts

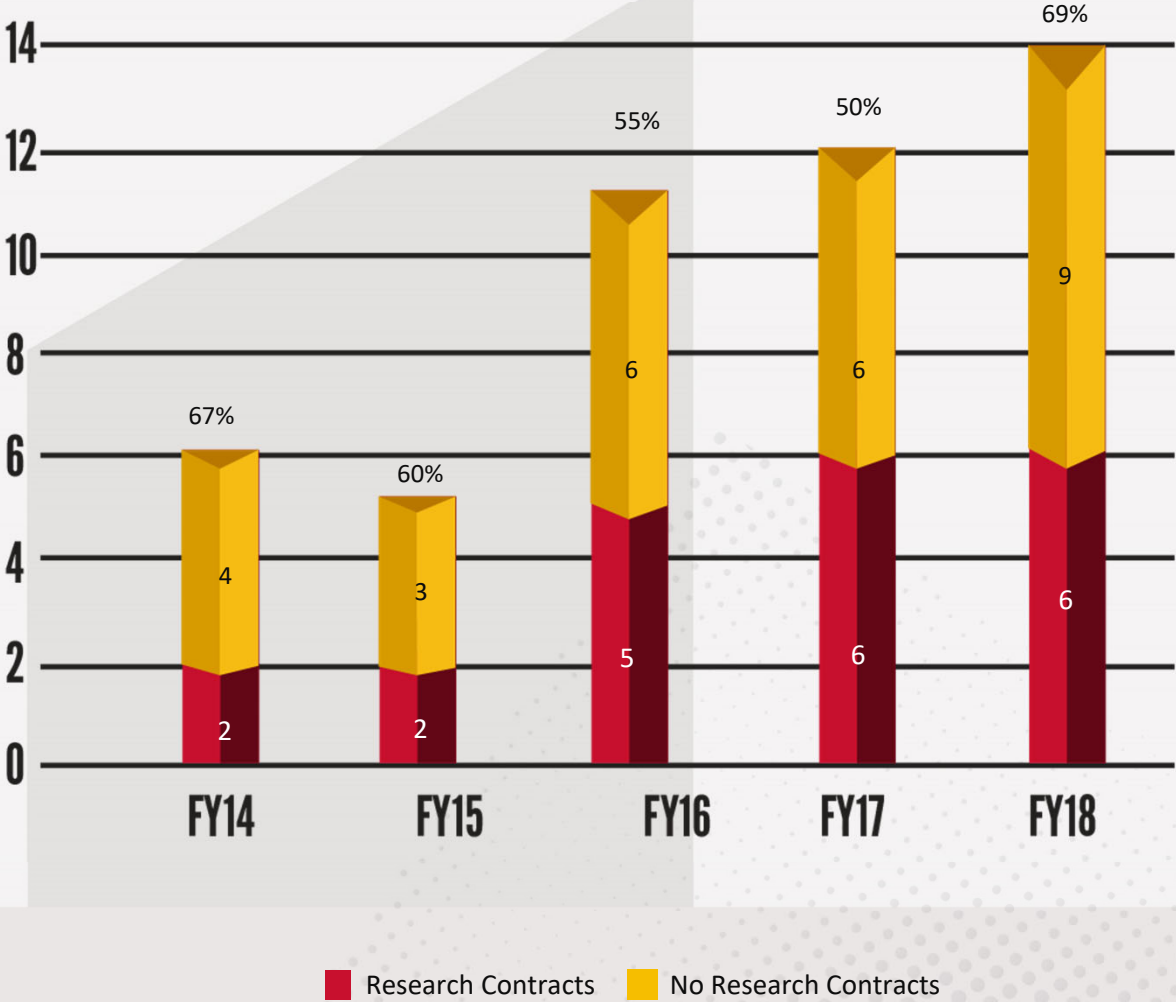


■ Research Contracts ■ No Research Contracts

Assistant Professors – Contracts and No Contracts

Technology

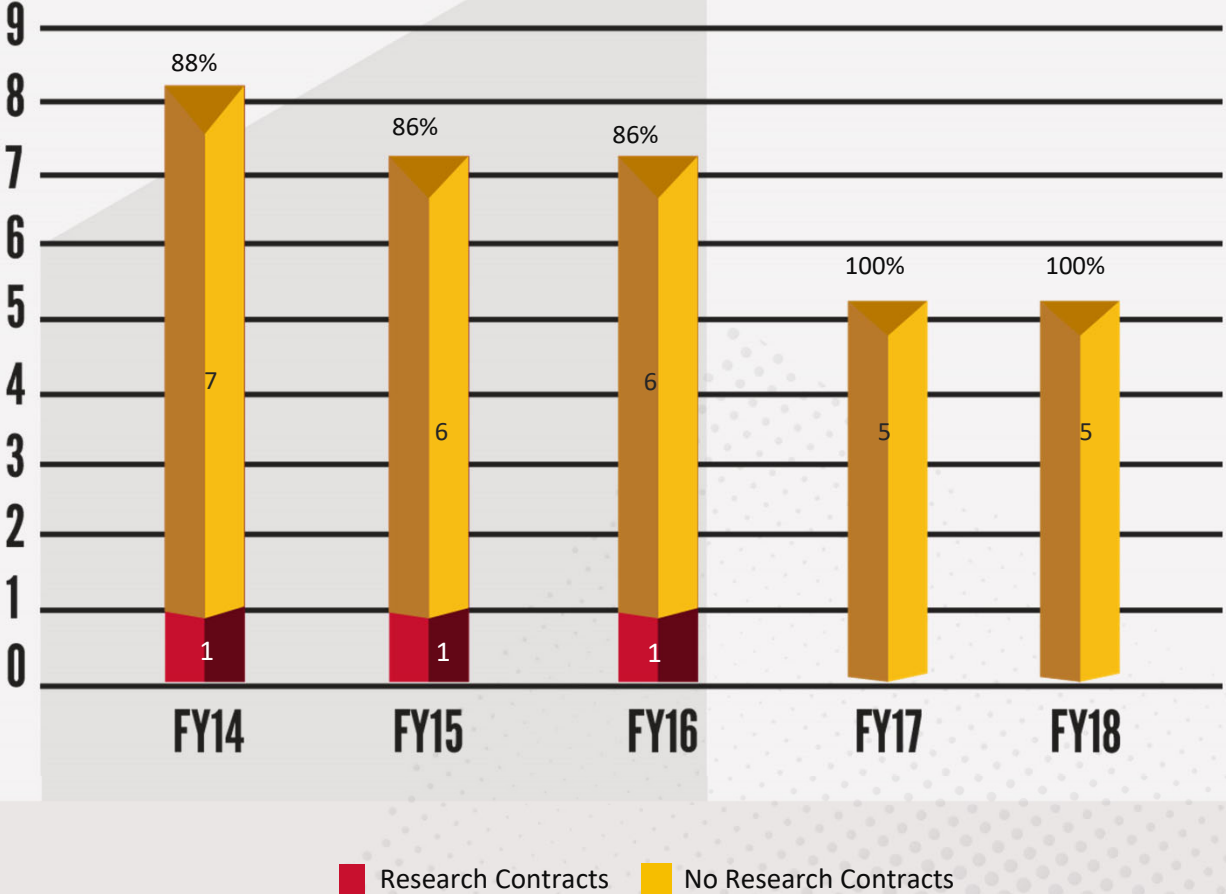
% of Assistant Professors who do not have research contracts



Assistant Professors – Contracts and No Contracts

Law

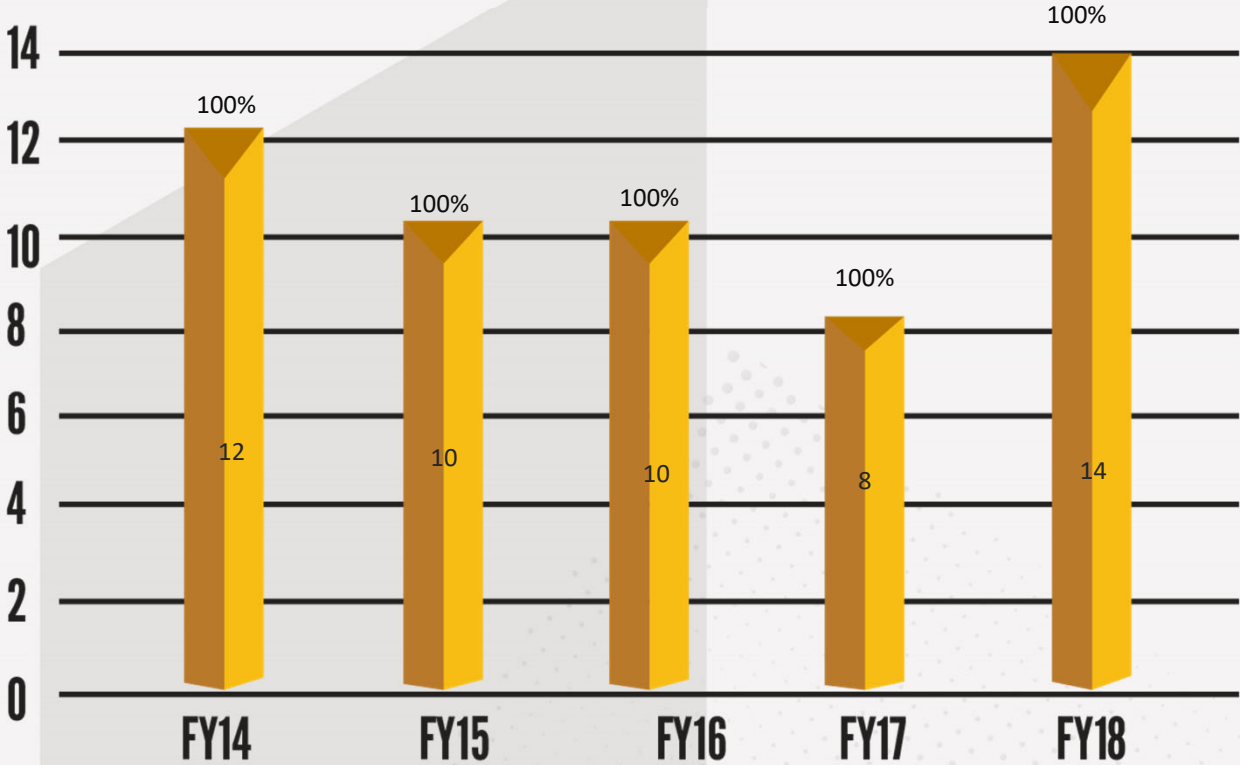
% of Assistant Professors who do not have research contracts



Assistant Professors – Contracts and No Contracts

Arts

% of Assistant Professors who do not have research contracts

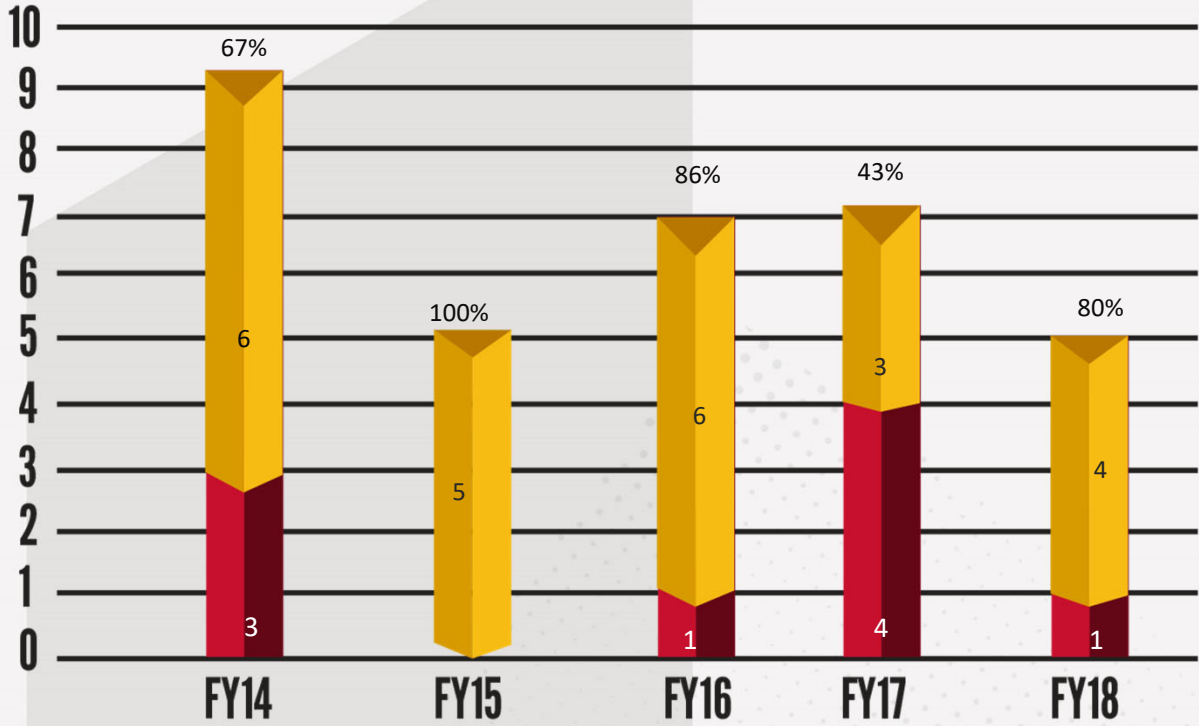


■ Research Contracts ■ No Research Contracts

Assistant Professors – Contracts and No Contracts

Hotel & Restaurant Management

% of Assistant Professors who do not have research contracts

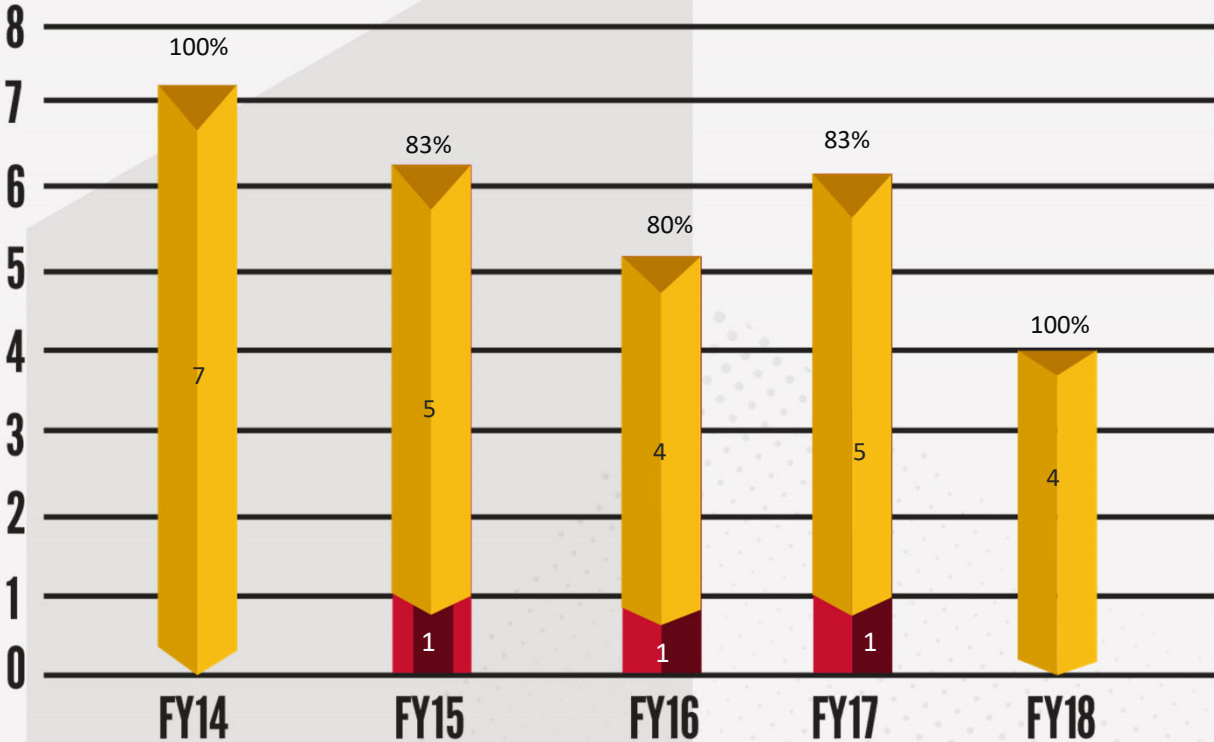


■ Research Contracts
 ■ No Research Contracts

Assistant Professors – Contracts and No Contracts

Architecture

% of Assistant Professors who do not have research contracts

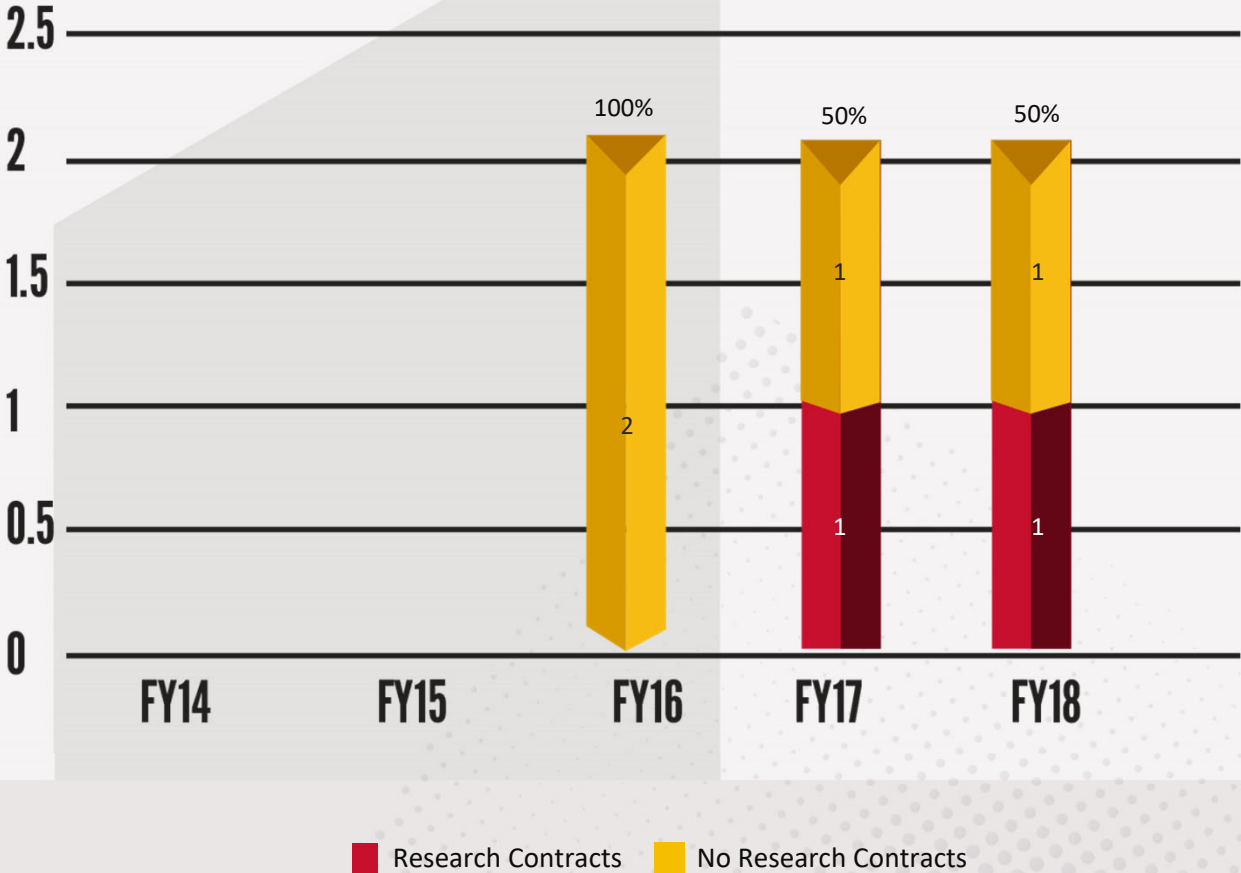


■ Research Contracts ■ No Research Contracts

Assistant Professors – Contracts and No Contracts

Nursing

% of Assistant Professors who do not have research contracts



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

www.uh.edu/research

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