

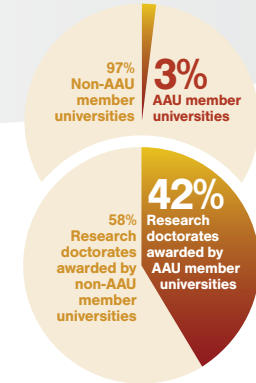
# ABOUT AAU

## COMPOSITION

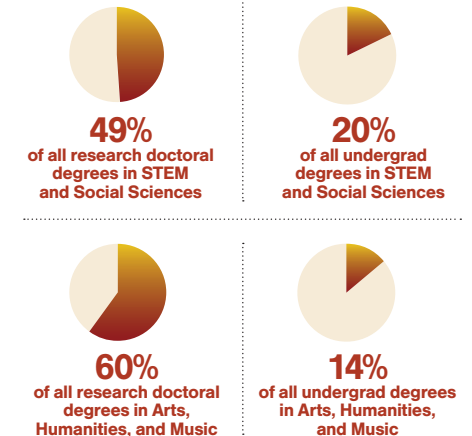


## EDUCATION 2019 Data

AAU universities make up only 3% of all 4-year universities in the U.S., yet award nearly 42% of all research doctorate degrees.\*\*\*

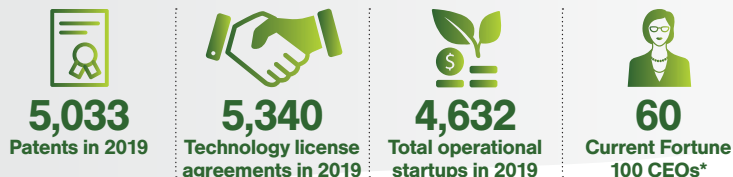


## % Degrees awarded by AAU universities



**Founded in 1900**, the Association of American Universities is composed of America's leading research universities. AAU's 66 research universities transform lives through education, research, and innovation. Our member universities earn the majority of competitively awarded federal funding for research that improves public health, seeks to address national challenges, and contributes significantly to our economic strength, while educating and training tomorrow's visionary leaders and innovators.

## ECONOMIC IMPACT



## VALUE



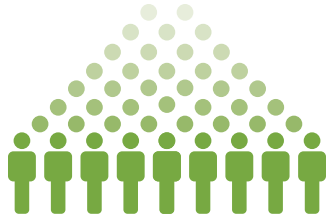
## RESEARCH



\*CEOs who attended an AAU university as of 2020. \*\*2019 graduation rate at AAU universities. \*\*\*Not including professional doctoral degrees.

# ECONOMIC IMPACT

## EMPLOYEES



**811,222**  
Total employees  
at AAU universities in 2019

## SALARIES



**\$95.5 Billion**  
Total salaries  
paid by AAU universities  
in 2019

## EMPLOYMENT



**26 in Top 10**  
26 AAU universities  
were among the top 10  
employers in their  
state as of 2019

## ENTREPRENEURS



**39 in Top 50**  
39 AAU universities were  
in the top 50 for producing  
venture-capital-backed  
entrepreneurs as of 2020

## PATENTS



**5,033**  
Patents issued  
in 2019

## LICENSES



**5,340**  
Technology  
license agreements  
in 2019

## TOTAL STARTUPS



**4,632**  
Cumulative operational  
startup companies  
formed as of 2019

## STARTUPS IN 2019



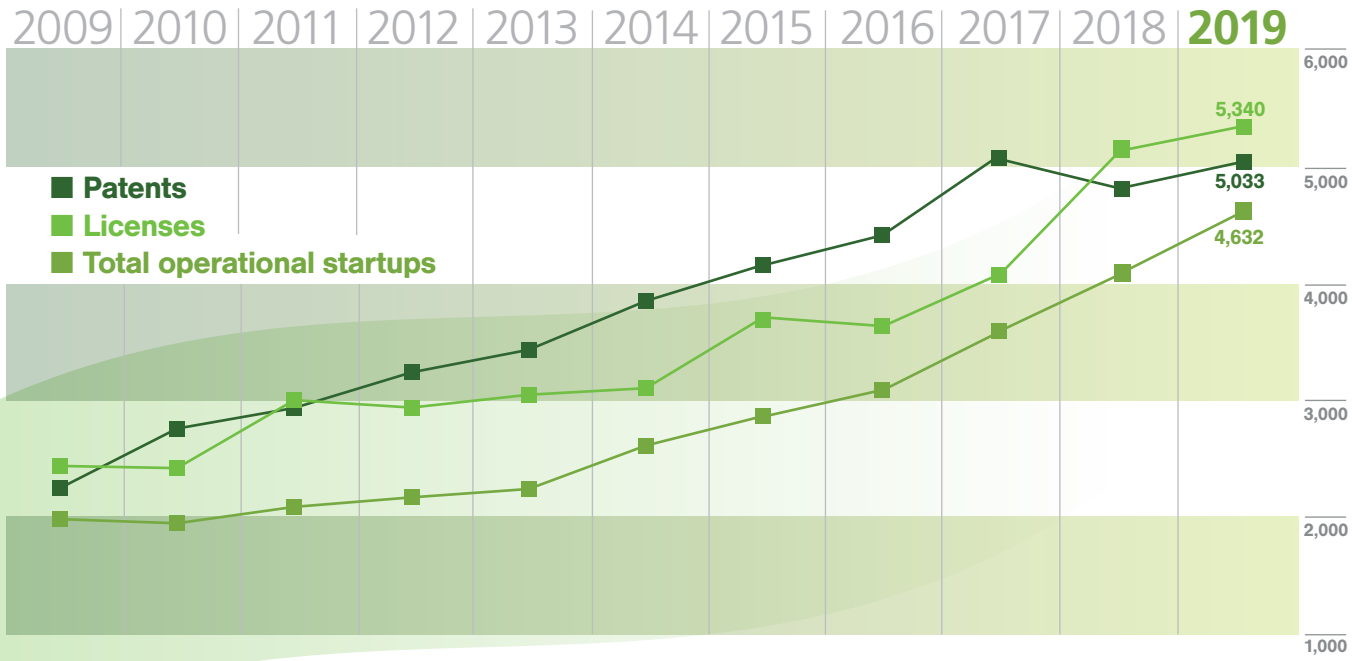
**668**  
Startup companies  
formed in 2019

## HOME STATE COs



**480**  
Startup companies  
created in home state  
in 2019

## ECONOMIC IMPACT OVER TIME (2009–19)



## DEGREES AWARDED BY AAU UNIVERSITIES IN THE U.S. AS OF 2019

## GRADUATES OF AAU UNIVERSITIES



**546,119**  
Total Degrees



**31,418**  
Research Doctorates



**25,642**  
Professional Practice Doctorates



**173,217**  
Master's Degrees



**315,623**  
Bachelor's Degrees



**24** Governors in 2020



**269** Members of Congress in 2021



**5** Joint Chiefs of Staff in 2020



**13** U.S. Presidents 1900–2020



**8** Current U.S. Supreme Court Justices



**45** Supreme Court Justices 1900–2020



**60** Fortune 100 CEOs in 2020



**8,844** Teaching Degrees in 2019



**7,028** Medical Degrees in 2020



**2,601** Dental Degrees in 2019

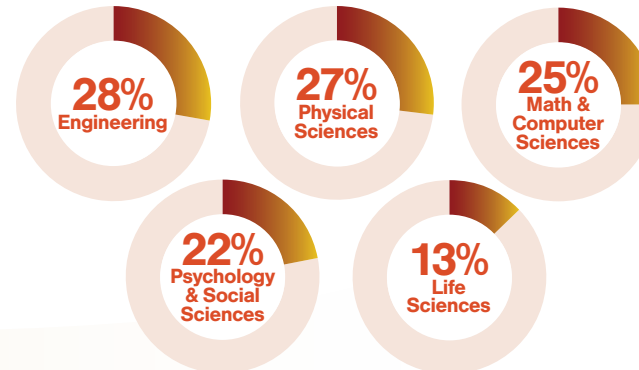
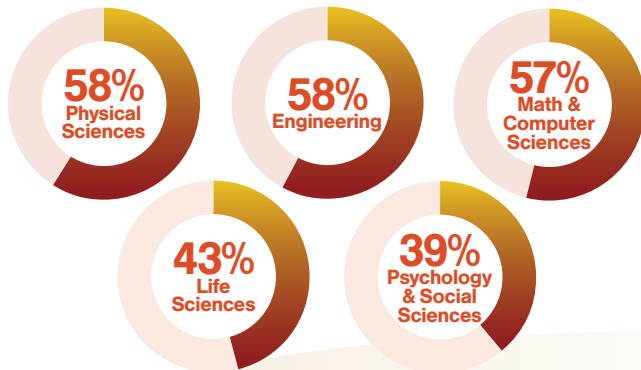


**9,295** Nursing Degrees in 2019

In 2019, AAU institutions awarded 49% of all research doctoral degrees and 20% of all undergraduate degrees in STEM and Social Sciences

### RESEARCH DOCTORAL DEGREES in STEM out of National Total (2019)

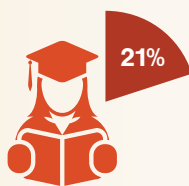
### BACHELOR'S DEGREES in STEM out of National Total (2019)



## STUDENTS AT AAU UNIVERSITIES IN 2019



12% of all Undergraduates\*  
**1.3 million**  
Undergraduates



21% of all Graduate Students\*  
**668,119**  
Graduate Students



69% of all Postdocs\*\*  
**44,447**  
Total Postdocs



39% of all International Students\*\*\*  
**397,956**  
International Students



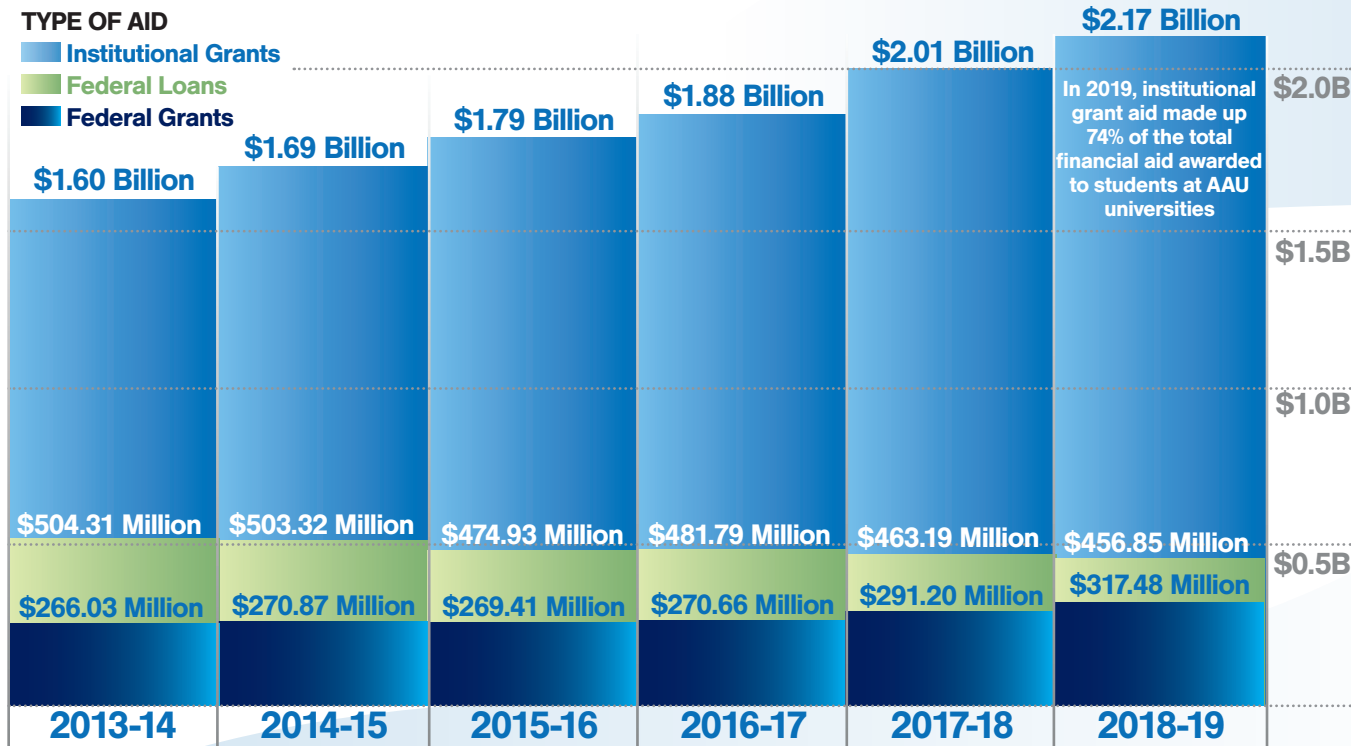
29% of all Study Abroad Students  
**96,709**  
Study Abroad

\*For all 4-year U.S. institutions. \*\*Number of Postdocs in 2018. \*\*\* Number of International Students in 2020.

## INSTITUTIONAL GRANT AID IN 2019

### TYPE OF AID

- Institutional Grants
- Federal Loans
- Federal Grants



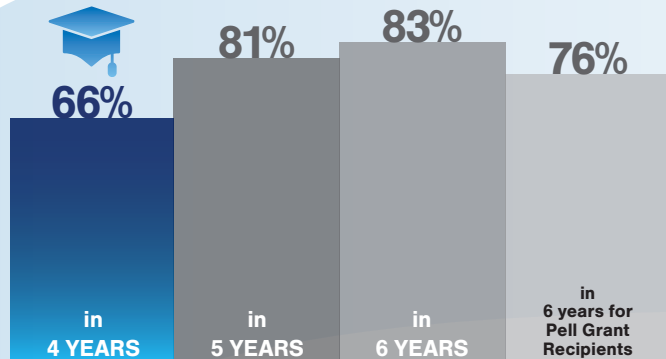
## STUDENT DEBT



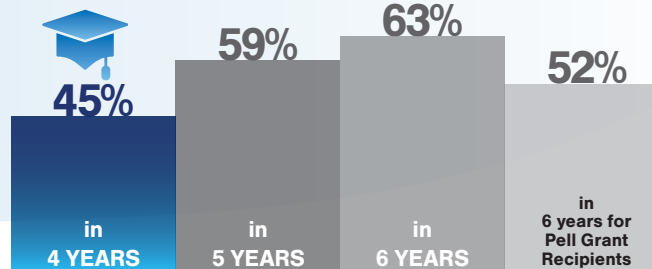
In 2019, only 4 out of 10 graduating seniors from AAU universities had debt, while 6 out of 10 graduating seniors from public and private non-profit universities had debt.



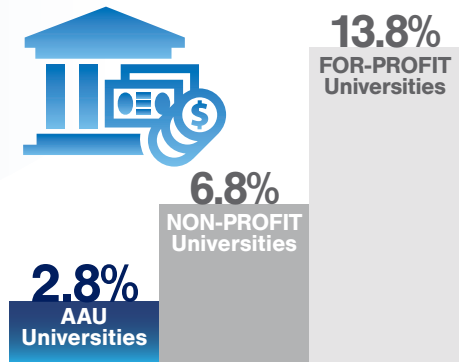
## 2019 AAU GRADUATION RATE



## 2019 GRADUATION RATE AT U.S. BACHELOR DEGREE-GRANTING INSTITUTIONS

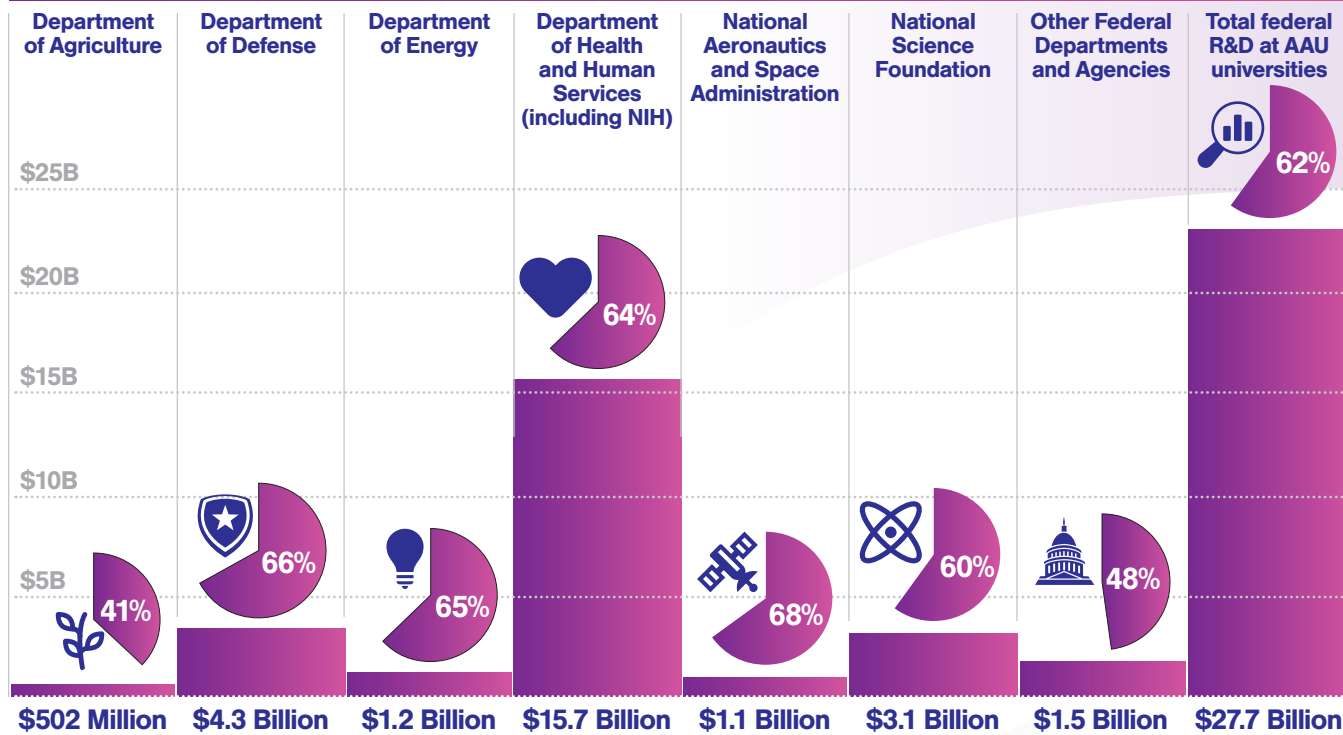


## STUDENT DEBT DEFAULT RATES



# RESEARCH

## FEDERALLY FUNDED ACADEMIC RESEARCH AND DEVELOPMENT IN 2019\*



\*% of total amount awarded to AAU universities / total dollar amount received by AAU universities

## SCHOLARLY OUTPUT

**28 Million**  
Citations (2016-2020)\*

**2.8 Million**  
Publications (2016-2020)\*

**55,273**  
Books Published  
(2010-2019)\*\*

\*Thomson-Reuters InCites \*\*2019 Academic Analytics

## RESOURCES

**23**  
research parks

**78**  
university accelerator programs

**\$11.2 B**  
in institutional contributions to research and development

## HONORS & AWARDS

49% of all National Academy Members  
**3,929**  
Members of the National Academies at AAU universities

62% of all American Academy of Arts and Sciences Fellows  
**3,572**  
Elected American Academy of Arts and Sciences Fellows affiliated with AAU universities

78% of all National Academy of Inventors  
**50**  
National Academy of Inventors Member Institutions

**\$21.4 Billion**  
Total private research expenditures in 2019

NOBEL PRIZE  
39%  
39% of all winners are at AAU universities

NATIONAL MEDAL OF SCIENCE  
73%  
73% of all awardees are affiliated with an AAU university