



Monthly Research Award Summary

for

July 2016

*For comments or questions, please contact the Office of Research at
research@uw.edu*

Overall Fiscal Year to Date Research Award Totals,¹ for July of Last 5 Fiscal Years

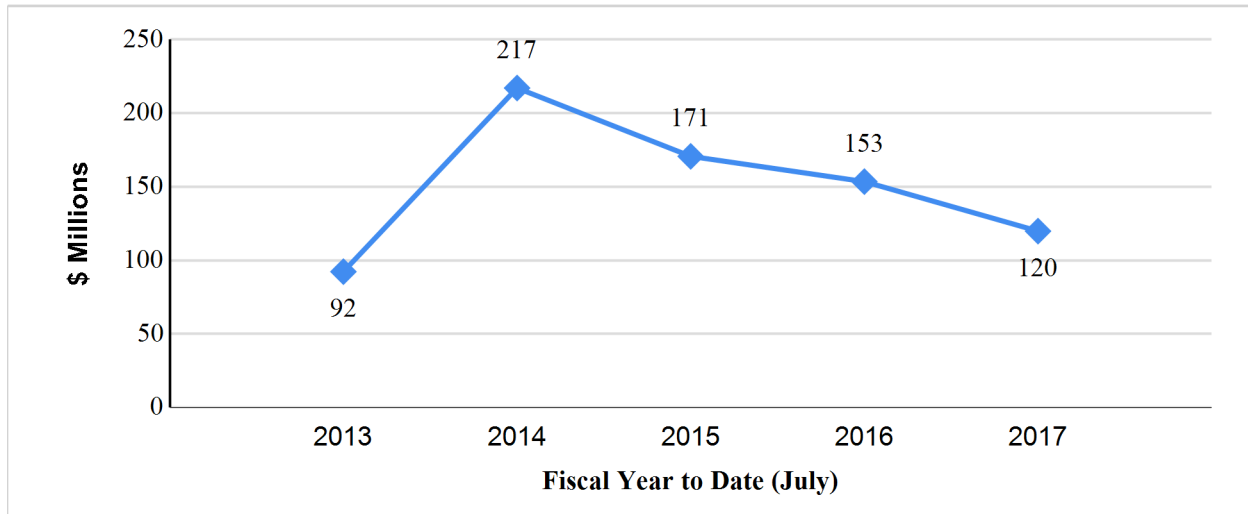


Figure 1

| | FY2013 | | FY2014 | | FY2015 | | FY2016 | | FY2017 | | % of Total | 5-yr CAGR ² | FY17-FY16 % Diff |
|-------------------------|--------------|------------------|--------------|------------------|--------------|------------------|--------------|------------------|------------|----------------|-------------|------------------------|------------------|
| | Cnt | \$M | Cnt | \$M | Cnt | \$M | Cnt | \$M | Cnt | \$M | | | |
| Fiscal Quarter 1 | 1,297 | \$373.1 | 1,804 | \$554.6 | 1,635 | \$500.3 | 1,593 | \$495.3 | 442 | \$119.8 | 100% | -25% | -76% |
| July | 379 | 92.3 | 666 | 217.1 | 598 | 170.7 | 549 | 153.5 | 442 | 119.8 | 100% | 7% | -22% |
| August | 518 | 136.6 | 587 | 154.7 | 523 | 179.3 | 543 | 180.5 | | | | | |
| September | 400 | 144.3 | 551 | 182.8 | 514 | 150.4 | 501 | 161.3 | | | | | |
| Fiscal Quarter 2 | 1,119 | \$257.4 | 1,082 | \$260.5 | 1,040 | \$255.1 | 1,056 | \$259.5 | | | | | |
| October | 419 | 101.0 | 438 | 96.6 | 363 | 81.9 | 370 | 118.6 | | | | | |
| November | 350 | 90.3 | 275 | 62.6 | 335 | 82.3 | 295 | 57.6 | | | | | |
| December | 350 | 66.1 | 369 | 101.2 | 342 | 90.9 | 391 | 83.3 | | | | | |
| Fiscal Quarter 3 | 1,028 | \$251.4 | 1,074 | \$238.2 | 1,043 | \$213.1 | 1,099 | \$235.5 | | | | | |
| January | 364 | 88.3 | 335 | 90.0 | 280 | 47.2 | 359 | 89.7 | | | | | |
| February | 313 | 65.5 | 348 | 72.2 | 319 | 70.4 | 298 | 47.0 | | | | | |
| March | 351 | 97.6 | 391 | 76.0 | 444 | 95.5 | 442 | 98.8 | | | | | |
| Fiscal Quarter 4 | 1,304 | \$286.2 | 1,355 | \$366.0 | 1,263 | \$362.2 | 1,305 | \$391.0 | | | | | |
| April | 362 | 73.0 | 427 | 97.0 | 396 | 107.8 | 412 | 135.0 | | | | | |
| May | 395 | 58.0 | 405 | 103.8 | 396 | 124.3 | 420 | 116.3 | | | | | |
| June | 547 | 155.2 | 523 | 165.3 | 471 | 130.1 | 473 | 139.6 | | | | | |
| FYTD Total | 379 | \$92.3 | 666 | \$217.1 | 598 | \$170.7 | 549 | \$153.5 | 442 | \$119.8 | 100% | 7% | -22% |
| Grand Total | 4,748 | \$1,168.1 | 5,315 | \$1,419.2 | 4,981 | \$1,330.8 | 5,053 | \$1,381.3 | 442 | \$119.8 | 100% | -43% | -91% |

Table 1

¹ All dollar totals are shown in constant fiscal year 2017 dollars, as determined by the average Consumer Price Index (CPI) value over the given fiscal year.

² The Compound Annual Growth Rate (CAGR) is the geometric average year-over-year dollar growth rate for the entire period.

Monthly Distributive and Cumulative Breakdown of Research Award Dollars, for Last 5 Fiscal Years

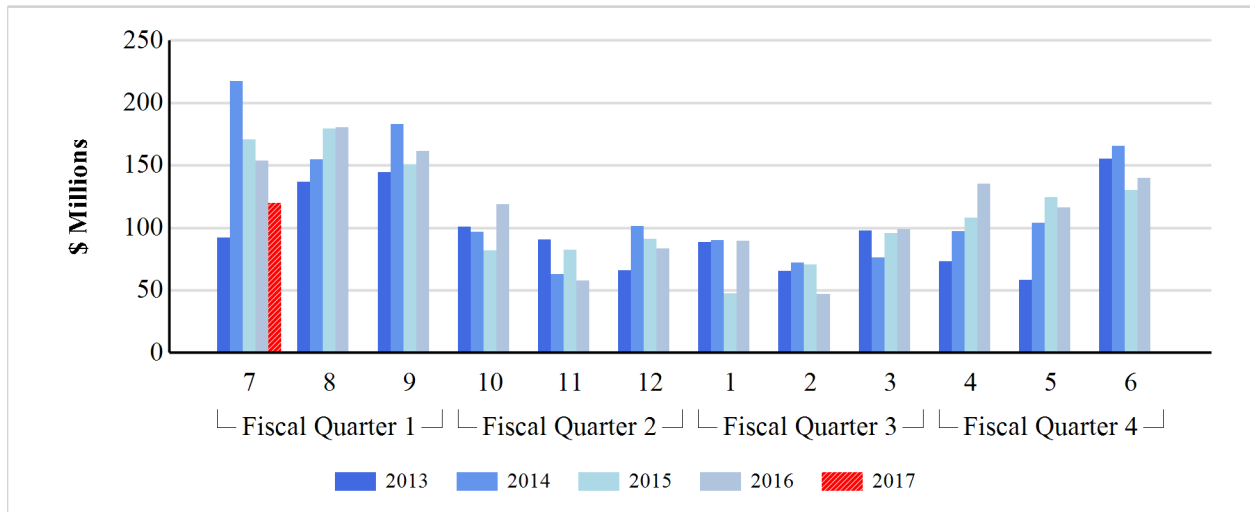


Figure 2: Monthly distribution of research award dollars by fiscal year

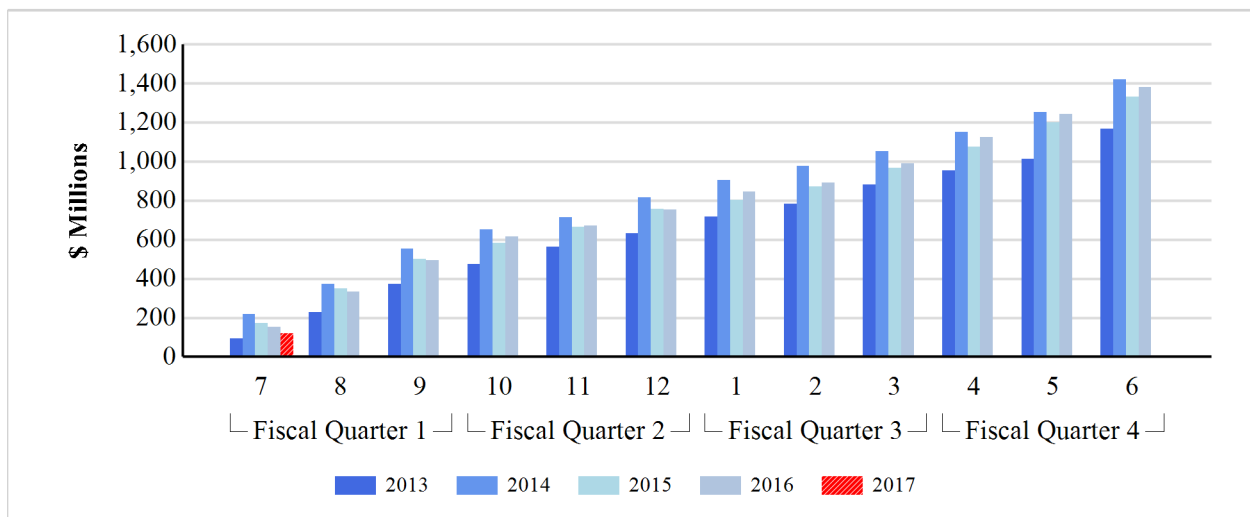


Figure 3: Monthly cumulative totals of research award dollars by fiscal year

Fiscal Year to Date Research Award Totals by Project Type,³ for July of Last 5 Fiscal Years

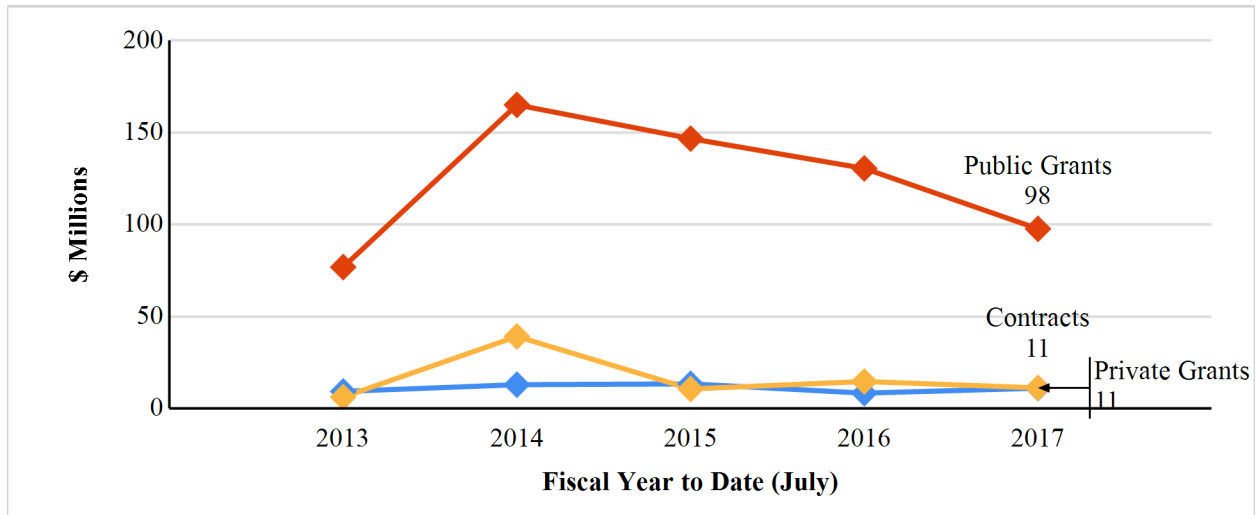


Figure 4

| | FYTD 2013 | | FYTD 2014 | | FYTD 2015 | | FYTD 2016 | | FYTD 2017 | | % of Total | 5-yr CAGR | FY17-FY16 % Diff |
|-----------------------|------------|---------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|-------------|------------|------------------|
| | Cnt | \$M | Cnt | \$M | Cnt | \$M | Cnt | \$M | Cnt | \$M | | | |
| Contracts | 57 | \$9.3 | 68 | \$12.9 | 72 | \$13.3 | 60 | \$8.3 | 70 | \$11.0 | 9% | 4% | 32% |
| Research and Other | 55 | 8.6 | 67 | 12.7 | 71 | 12.8 | 58 | 7.9 | 69 | 10.5 | 9% | 5% | 34% |
| Training | 2 | 0.7 | 1 | 0.2 | 1 | 0.5 | 2 | 0.4 | 1 | 0.5 | 0% | -10% | 5% |
| Private Grants | 59 | \$6.2 | 101 | \$39.1 | 97 | \$10.6 | 107 | \$14.7 | 75 | \$11.2 | 9% | 16% | -24% |
| Research and Other | 55 | 6.0 | 99 | 39.0 | 92 | 10.2 | 103 | 14.5 | 73 | 10.9 | 9% | 16% | -25% |
| Training | 4 | 0.2 | 2 | 0.1 | 5 | 0.4 | 4 | 0.2 | 2 | 0.3 | 0% | 20% | 107% |
| Public Grants | 263 | \$76.8 | 497 | \$165.0 | 429 | \$146.7 | 382 | \$130.5 | 297 | \$97.7 | 81% | 6% | -25% |
| Research and Other | 241 | 70.3 | 451 | 147.6 | 379 | 124.6 | 341 | 117.9 | 275 | 87.5 | 73% | 6% | -26% |
| Training | 22 | 6.6 | 46 | 17.5 | 50 | 22.1 | 41 | 12.6 | 22 | 10.2 | 8% | 12% | -19% |
| Grand Total | 379 | \$92.3 | 666 | \$217.1 | 598 | \$170.7 | 549 | \$153.5 | 442 | \$119.8 | 100% | 7% | -22% |

Table 2

³ Project Type indicates the funding mechanism used for the project. A contract is an award instrument used for the acquisition of property or services. A grant is funding assistance to support an eligible entity to carry out a project or activity (usually the sponsor does not have programmatic involvement). A public research award is funded with governmental funds, whether from a federal, state, or local entity.

Fiscal Year to Date Research Award Totals by Originating Sponsor⁴Federal Status, for July of Last 5 Fiscal Years

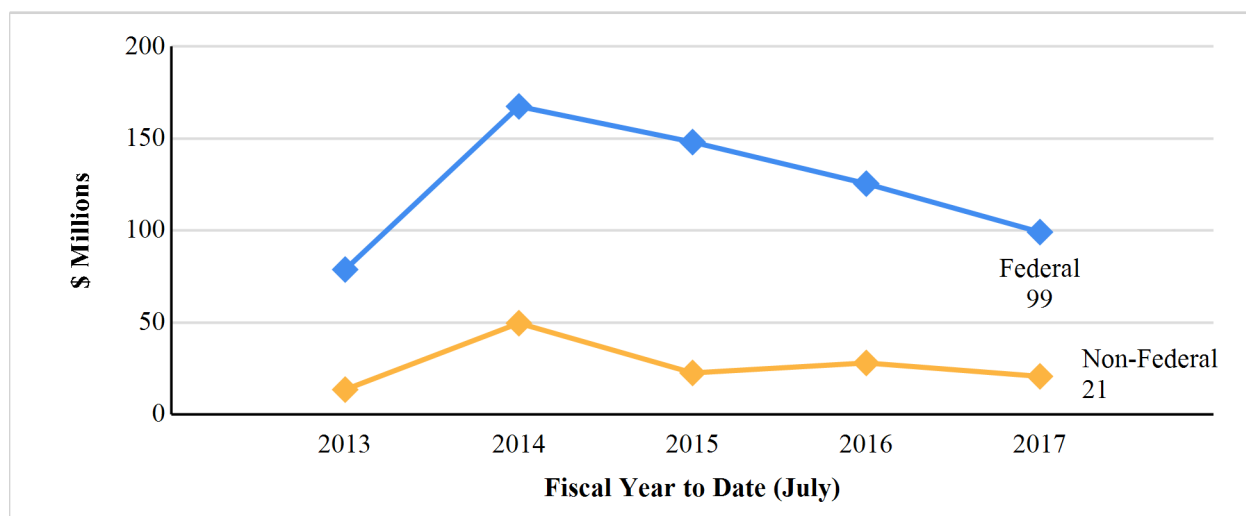


Figure 5

| | FYTD 2013 | | FYTD 2014 | | FYTD 2015 | | FYTD 2016 | | FYTD 2017 | | % of Total | 5-yr CAGR | FY17-FY16 % Diff |
|--------------------|------------|---------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|-------------|------------|------------------|
| | Cnt | \$M | Cnt | \$M | Cnt | \$M | Cnt | \$M | Cnt | \$M | | | |
| Federal | 279 | \$78.8 | 512 | \$167.5 | 442 | \$148.1 | 391 | \$125.5 | 312 | \$99.1 | 83% | 6% | -21% |
| Research and Other | 256 | 72.2 | 467 | 150.1 | 392 | 125.6 | 351 | 112.9 | 290 | 89.0 | 74% | 5% | -21% |
| Training | 23 | 6.6 | 45 | 17.4 | 50 | 22.5 | 40 | 12.5 | 22 | 10.2 | 8% | 11% | -19% |
| Non-Federal | 100 | \$13.5 | 154 | \$49.6 | 156 | \$22.6 | 158 | \$28.0 | 130 | \$20.7 | 17% | 11% | -26% |
| Research and Other | 95 | 12.7 | 150 | 49.2 | 150 | 22.1 | 151 | 27.4 | 127 | 19.9 | 17% | 12% | -27% |
| Training | 5 | 0.8 | 4 | 0.4 | 6 | 0.5 | 7 | 0.6 | 3 | 0.8 | 1% | -2% | 28% |
| Grand Total | 379 | \$92.3 | 666 | \$217.1 | 598 | \$170.7 | 549 | \$153.5 | 442 | \$119.8 | 100% | 7% | -22% |

Table 3

⁴ The originating sponsor is the original source of funds. A direct sponsor refers to a sponsor who is subcontracting funds to the University of Washington either directly or from an originating sponsor. This report shows awards by originating sponsor. Board of Regents reports prior to June 2014 showed awards by direct sponsor.

Fiscal Year to Date Research Award Totals by Originating Sponsor,⁴ for July 2016

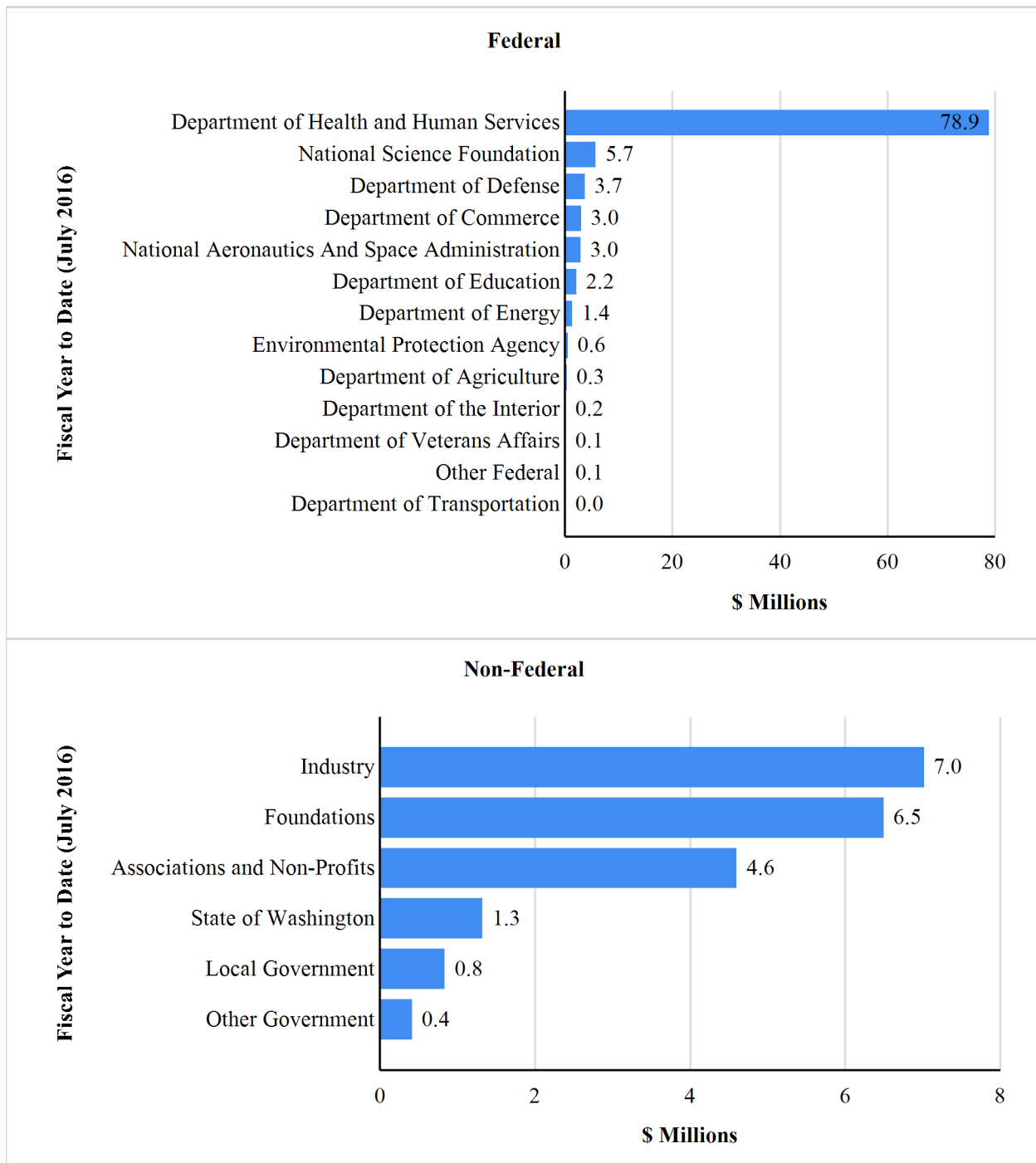


Figure 6

Fiscal Year to Date Research Award Totals by Originating Sponsor,⁴ for July of Last 5 Fiscal Years

| | FYTD 2013 | | FYTD 2014 | | FYTD 2015 | | FYTD 2016 | | FYTD 2017 | | % of Total | 5-yr CAGR | FY17-FY16 % Diff |
|---|------------|---------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|-------------|------------|------------------|
| | Cnt | \$M | Cnt | \$M | Cnt | \$M | Cnt | \$M | Cnt | \$M | | | |
| Federal | 279 | \$78.8 | 512 | \$167.5 | 442 | \$148.1 | 391 | \$125.5 | 312 | \$99.1 | 83% | 6% | -21% |
| Department of Agriculture | 2 | 0.8 | 3 | 0.1 | 9 | 2.2 | 10 | 1.8 | 4 | 0.3 | 0% | -20% | -81% |
| Department of Commerce | 14 | 4.5 | 11 | 4.8 | 8 | 3.1 | 10 | 3.5 | 15 | 3.0 | 3% | -10% | -13% |
| Department of Defense | 19 | 2.9 | 33 | 7.1 | 23 | 7.8 | 21 | 2.4 | 22 | 3.7 | 3% | 6% | 54% |
| Department of Education | 5 | 1.3 | 9 | 2.9 | 10 | 6.7 | 3 | 0.8 | 6 | 2.2 | 2% | 14% | 171% |
| Department of Energy | 4 | 0.5 | 12 | 5.4 | 12 | 1.9 | 15 | 3.1 | 5 | 1.4 | 1% | 27% | -56% |
| Department of Health and Human Services | 157 | 55.7 | 351 | 128.1 | 273 | 101.1 | 234 | 97.9 | 215 | 78.9 | 66% | 9% | -19% |
| Department of the Interior | 5 | 0.4 | 6 | 0.6 | 5 | 0.6 | 5 | 0.5 | 2 | 0.2 | 0% | -20% | -65% |
| Department of Transportation | 3 | 0.2 | 2 | 0.3 | 1 | 0.1 | 1 | 0.1 | 1 | 0.0 | 0% | -51% | -71% |
| Department of Veterans Affairs | 7 | 0.6 | 7 | 0.5 | 6 | 0.3 | 3 | 0.2 | 2 | 0.1 | 0% | -37% | -56% |
| Environmental Protection Agency | 4 | 2.8 | 1 | 0.5 | | | 1 | 0.0 | 6 | 0.6 | 0% | -33% | 5648% |
| National Aeronautics And Space Administration | 21 | 1.9 | 19 | 4.2 | 15 | 2.8 | 17 | 1.4 | 21 | 3.0 | 2% | 12% | 111% |
| National Science Foundation | 33 | 6.3 | 55 | 12.8 | 70 | 18.4 | 65 | 13.5 | 11 | 5.7 | 5% | -2% | -58% |
| Other Federal | 5 | 0.7 | 3 | 0.3 | 10 | 3.2 | 6 | 0.3 | 2 | 0.1 | 0% | -45% | -80% |
| Non-Federal | 100 | \$13.5 | 154 | \$49.6 | 156 | \$22.6 | 158 | \$28.0 | 130 | \$20.7 | 17% | 11% | -26% |
| Associations and Non-Profits | 28 | 2.8 | 50 | 8.7 | 56 | 3.9 | 53 | 5.7 | 40 | 4.6 | 4% | 14% | -20% |
| Foundations | 22 | 2.6 | 47 | 31.9 | 39 | 8.2 | 40 | 6.9 | 32 | 6.5 | 5% | 25% | -6% |
| Industry | 33 | 6.0 | 39 | 6.3 | 36 | 9.2 | 43 | 7.0 | 39 | 7.0 | 6% | 4% | 1% |
| Local Government | 6 | 0.4 | 3 | 0.2 | 6 | 0.3 | 2 | 0.4 | 5 | 0.8 | 1% | 24% | 95% |
| Other Government | 5 | 1.5 | 3 | 0.2 | 5 | 0.3 | 4 | 0.2 | 5 | 0.4 | 0% | -27% | 142% |
| State of Washington | 4 | 0.2 | 9 | 2.2 | 8 | 0.4 | 11 | 7.4 | 9 | 1.3 | 1% | 64% | -82% |
| U.S. Institutes of Higher Learning | 2 | 0.1 | 3 | 0.1 | 6 | 0.3 | 5 | 0.4 | | | | -100% | -100% |
| Grand Total | 379 | \$92.3 | 666 | \$217.1 | 598 | \$170.7 | 549 | \$153.5 | 442 | \$119.8 | 100% | 7% | -22% |

Table 4

Fiscal Year to Date Research Award Totals by School/College,⁵ for July 2016

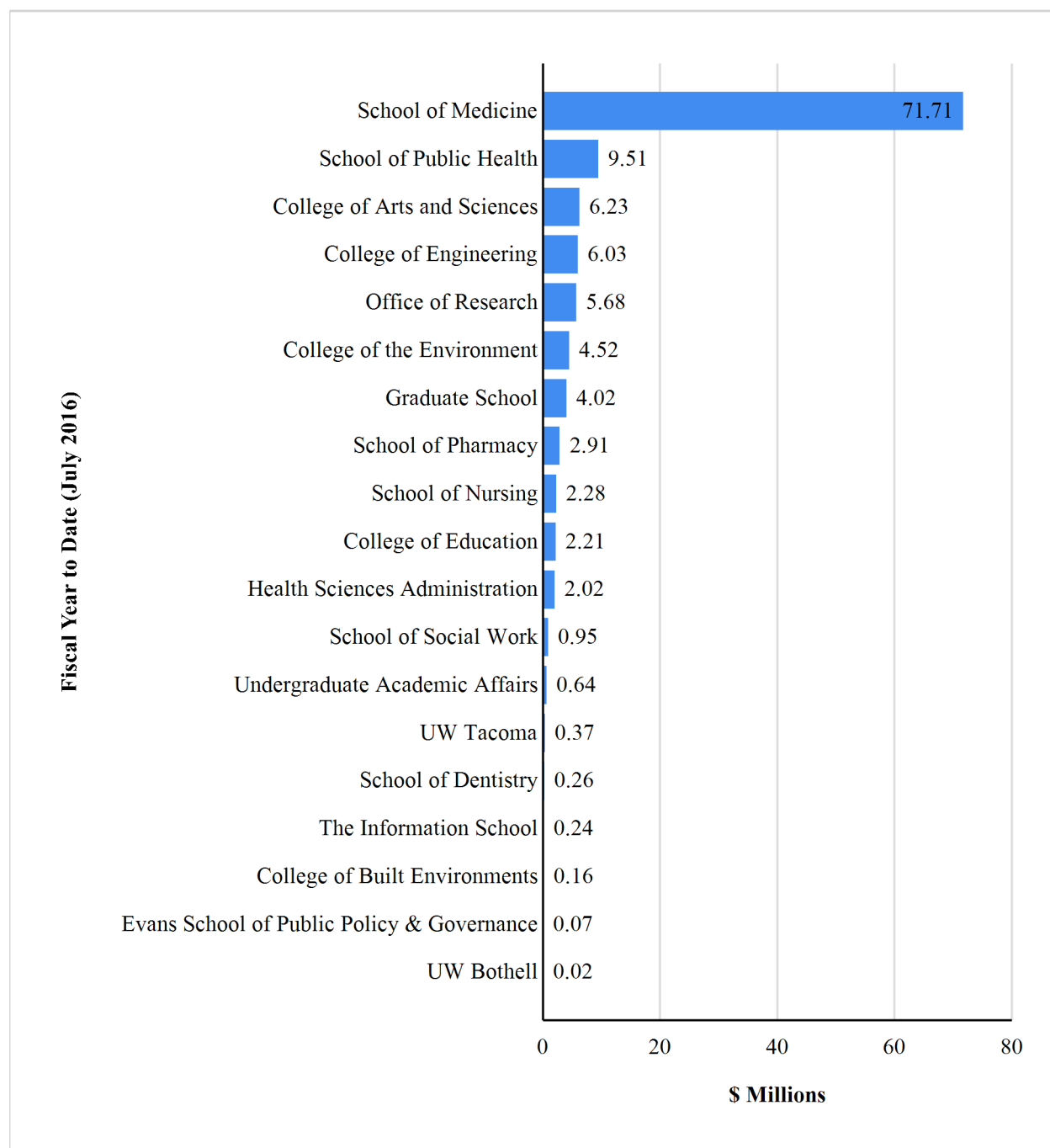


Figure 7

⁵ Totals for Bioengineering are shared equally between the College of Engineering and the School of Medicine. Some of the totals for Global Health are shared equally between the School of Medicine and the School of Public Health.

Fiscal Year to Date Research Award Totals by School/College,⁵ for July of Last 5 Fiscal Years

| School/College | FYTD 2013 | | FYTD 2014 | | FYTD 2015 | | FYTD 2016 | | FYTD 2017 | | % of Total | 5-yr CAGR | FY17- FY16 % Diff |
|---|------------|---------------|------------|----------------|------------|----------------|------------|----------------|------------|----------------|---------------|--------------|----------------------------|
| | Cnt | \$M | Cnt | \$M | Cnt | \$M | Cnt | \$M | Cnt | \$M | | | |
| College of Arts and Sciences | 27 | \$5.4 | 63 | \$15.1 | 70 | \$15.3 | 75 | \$14.2 | 25 | \$6.2 | 5% | 4% | -56% |
| College of Built Environments | | | 1 | \$0.0 | 1 | \$0.0 | 1 | \$0.0 | 2 | \$0.2 | 0% | | 706% |
| College of Education | 6 | \$1.3 | 11 | \$2.0 | 5 | \$0.7 | 4 | \$0.4 | 6 | \$2.2 | 2% | 14% | 458% |
| College of Engineering | 50 | \$9.0 | 58 | \$10.5 | 66 | \$18.8 | 61 | \$11.0 | 40 | \$6.0 | 5% | -9% | -45% |
| College of the Environment | 55 | \$7.5 | 58 | \$7.9 | 62 | \$12.0 | 55 | \$6.1 | 37 | \$4.5 | 4% | -12% | -26% |
| Dean of Libraries | | | | | | | 2 | \$6.1 | | | | | -100% |
| Evans School of Public Policy & Governance | | | | | 1 | \$0.2 | 2 | \$0.1 | 1 | \$0.1 | 0% | | -28% |
| Foster Business School | | | 2 | \$0.6 | | | | | | | | | |
| Graduate School | 1 | \$0.0 | 6 | \$4.5 | 5 | \$0.0 | 2 | \$0.1 | 4 | \$4.0 | 3% | 203% | 6749% |
| Health Sciences Administration | 10 | \$8.5 | 11 | \$17.5 | 7 | \$2.3 | 8 | \$1.9 | 3 | \$2.0 | 2% | -30% | 5% |
| Medical Centers | | | | | | | 1 | \$0.5 | | | | | -100% |
| Office of Minority Affairs & Diversity | 1 | \$0.3 | 4 | \$1.2 | 5 | \$5.4 | 2 | \$0.7 | | | | -100% | -100% |
| Office of Research | 21 | \$4.9 | 21 | \$7.2 | 15 | \$2.0 | 21 | \$4.5 | 29 | \$5.7 | 5% | 4% | 25% |
| School of Dentistry | 2 | \$0.5 | 8 | \$1.4 | 10 | \$0.8 | 4 | \$0.4 | 4 | \$0.3 | 0% | -13% | -37% |
| School of Law | 1 | \$0.0 | 1 | \$0.1 | 1 | \$0.5 | 1 | \$0.1 | | | | -100% | -100% |
| School of Medicine | 171 | \$43.2 | 347 | \$123.2 | 281 | \$89.0 | 237 | \$80.6 | 221 | \$71.7 | 60% | 14% | -11% |
| School of Nursing | 7 | \$1.2 | 16 | \$5.1 | 9 | \$2.3 | 9 | \$2.8 | 5 | \$2.3 | 2% | 19% | -19% |
| School of Pharmacy | 4 | \$1.5 | 6 | \$3.3 | 7 | \$3.3 | 7 | \$6.0 | 7 | \$2.9 | 2% | 18% | -51% |
| School of Public Health | 19 | \$8.0 | 43 | \$15.4 | 38 | \$14.3 | 37 | \$13.5 | 42 | \$9.5 | 8% | 4% | -30% |
| School of Social Work | 2 | \$0.3 | 9 | \$1.9 | 4 | \$1.6 | 8 | \$0.7 | 9 | \$1.0 | 1% | 30% | 29% |
| The Information School | | | | | 4 | \$1.4 | 3 | \$0.9 | 1 | \$0.2 | 0% | | -73% |
| Undergraduate Academic Affairs | 1 | \$0.0 | | | 1 | \$0.0 | 1 | \$0.0 | 1 | \$0.6 | 1% | 98% | 3772% |
| UW Bothell | | | | | 2 | \$0.1 | 2 | \$2.2 | 1 | \$0.0 | 0% | | -99% |
| UW Tacoma | 2 | \$0.6 | 1 | \$0.3 | 4 | \$0.5 | 6 | \$0.7 | 5 | \$0.4 | 0% | -12% | -46% |
| Grand Total | 379 | \$92.3 | 666 | \$217.1 | 598 | \$170.7 | 549 | \$153.5 | 442 | \$119.8 | 100% | 7% | -22% |

Table 5

**Report of Grant and Contract Research
Awards of \$1,000,000 or More**

July 2016

Detail of Public Grant³ Research Awards by Originating Sponsor⁴

Federal

Department of Education

Institute of Education Sciences (IES)

| | | |
|------|---|----------------|
| To: | Eric Bruns, Assoc Professor Psychiatry and Behavioral Sciences | \$ 1,199,990 |
| For: | Efficacy of a Brief Intervention Strategy for School Mental Health Clinicians | |
| Eff: | 7/19/2016 | Classified: No |

Total for Institute of Education Sciences (IES): **\$ 1,199,990**

Total for Department of Education: **\$ 1,199,990**

Department of Health and Human Services

Centers for Disease Control and Prevention (CDC)

| | | |
|------|---|----------------|
| To: | Margaret A. Hannon, Assoc Professor Health Services Main | \$ 2,348,856 |
| For: | Health Promotion and Disease Prevention Research Centers | |
| Eff: | 7/27/2016 | Classified: No |

Total for Centers for Disease Control and Prevention (CDC): **\$ 2,348,856**

Health Resources and Services Administration (HRSA)

| | | |
|------|--|----------------|
| To: | David H Spach, Professor Medicine | \$ 2,943,253 |
| For: | Frontier AIDS Education and Training Center (now Mountain West AETC) | |
| Eff: | 7/8/2016 | Classified: No |

Total for Health Resources and Services Administration (HRSA): **\$ 2,943,253**

National Institutes of Health (NIH)

| | | |
|------|--|----------------|
| To: | Anna Wald, Professor Laboratory Medicine | \$ 2,520,298 |
| For: | Clinical Epidemiology and Pathogenesis of Asymptomatic HSV | |
| Eff: | 7/7/2016 | Classified: No |
| To: | Marshall S Horwitz, Professor Pathology | \$ 1,430,970 |
| For: | Medical Scientist Training Program | |
| Eff: | 7/18/2016 | Classified: No |
| To: | John D Scott, Professor Molecular and Cellular Biology | \$ 1,058,927 |
| For: | Training in Molecular and Cellular Biology | |
| Eff: | 7/22/2016 | Classified: No |
| To: | Pradipsinh K. Rathod, Professor Chemistry | \$ 1,912,425 |
| For: | Malaria Evolution in South Asia | |
| Eff: | 7/26/2016 | Classified: No |

Detail of Public Grant³ Research Awards by Originating Sponsor⁴

Federal

Department of Health and Human Services

National Institutes of Health (NIH)

National Heart, Lung, and Blood Institute (NHLBI)

To: Christopher Hooper Goss, Professor
Medicine \$ 1,805,147

For: Proof of Principle Evaluation of IV Gallium Nitrate in Patients with CF

Eff: 7/1/2016 Classified: No

To: Susan R. Heckbert, Professor
Epidemiology \$ 2,011,739

For: Atrial fibrillation, vascular disease of the brain, and cardiac MRI in MESA

Eff: 7/15/2016 Classified: No

Total for National Heart, Lung, and Blood Institute (NHLBI): \$ 3,816,886

National Institute of Allergy and Infectious Diseases (NIAID)

To: Anna Wald, Professor
Medicine \$ 2,832,119

For: University of Washington Sexually Transmitted Infections Cooperative
Research Cen

Eff: 7/7/2016 Classified: No

To: King K. Holmes, Professor
Global Health \$ 3,476,634

For: University of Washington Center for Aids Research

Eff: 7/8/2016 Classified: No

To: Chetan Seshadri, Asst Professor
Medicine \$ 1,018,336

For: Qualification of Assays to Measure Human T-cell Responses Against
Mycobacterial Lipid Antigens

Eff: 7/8/2016 Classified: No

Total for National Institute of Allergy and Infectious Diseases (NIAID): \$ 7,327,089

National Institute of Child Health and Human Development (NICHD)

To: William Bremner, Chair
Medicine \$ 1,705,623

For: Male Contraception Research Center

Eff: 7/1/2016 Classified: No

To: Michael J Guralnick, Director
Center on Human Development and Disability Administration \$ 1,300,000

For: Intellectual and Developmental Disabilities Research Centers 2016

Eff: 7/27/2016 Classified: No

Total for National Institute of Child Health and Human Development (NICHD): \$ 3,005,623

Detail of Public Grant³ Research Awards by Originating Sponsor⁴

Federal

Department of Health and Human Services

National Institutes of Health (NIH)

National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

| | | |
|-----|---|--------------|
| To: | Michael W Schwartz, Professor Medicine | \$ 1,255,315 |
|-----|---|--------------|

| | |
|------|-----------------------------------|
| For: | NUTRITION OBESITY RESEARCH CENTER |
|------|-----------------------------------|

| | | |
|------|----------|----------------|
| Eff: | 7/1/2016 | Classified: No |
|------|----------|----------------|

| | | |
|-----|---|--------------|
| To: | Michael R. Bailey, Research Scientist/engineer-sr Principal Applied Physics Laboratory | \$ 1,614,559 |
|-----|---|--------------|

| | |
|------|--|
| For: | Innovative Strategies for Improved Outcomes in Nephrolithiasis |
|------|--|

| | | |
|------|-----------|----------------|
| Eff: | 7/13/2016 | Classified: No |
|------|-----------|----------------|

| | |
|--|---------------------|
| <i>Total for National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK):</i> | <i>\$ 2,869,874</i> |
|--|---------------------|

| | |
|---|----------------------|
| Total for National Institutes of Health (NIH): | \$ 23,942,092 |
|---|----------------------|

| | |
|---|----------------------|
| Total for Department of Health and Human Services: | \$ 29,234,201 |
|---|----------------------|

National Science Foundation

National Science Foundation (NSF)

| | | |
|-----|---|--------------|
| To: | Bronwyn Bevan, Project Appointment - O/t Exempt 11-14 Coeducational Research | \$ 1,520,362 |
|-----|---|--------------|

| | |
|------|-------------------------------------|
| For: | A Research + Practice Collaboratory |
|------|-------------------------------------|

| | | |
|------|----------|----------------|
| Eff: | 7/8/2016 | Classified: No |
|------|----------|----------------|

| | | |
|-----|------------------------------------|--------------|
| To: | David L Eaton, Dean Fellowships | \$ 2,932,500 |
|-----|------------------------------------|--------------|

| | |
|------|--|
| For: | 2016-17 NSF Graduate Research Fellowship Program |
|------|--|

| | | |
|------|-----------|----------------|
| Eff: | 7/14/2016 | Classified: No |
|------|-----------|----------------|

| | |
|---|---------------------|
| Total for National Science Foundation (NSF): | \$ 4,452,862 |
|---|---------------------|

| | |
|---|---------------------|
| Total for National Science Foundation: | \$ 4,452,862 |
|---|---------------------|

| | |
|---------------------------|----------------------|
| Total for Federal: | \$ 34,887,053 |
|---------------------------|----------------------|

| | |
|-----------------------------|----------------------|
| Total Public Grants: | \$ 34,887,053 |
|-----------------------------|----------------------|

Detail of Private Grant³ Research Awards by Originating Sponsor⁴

Foundations

Bill and Melinda Gates Foundation

To: David L. Smith, Professor \$ 2,204,582
Dean's Office

For: Strategic Planning Tools for Staging Malaria Elimination

Eff: 7/27/2016 Classified: No

Total for Bill and Melinda Gates Foundation: \$ 2,204,582

W.M. Keck Foundation

To: Bruce C Trapnell, Assistant Professor \$ 1,100,000
Genome Sciences

For: Combinatorial Forward Genetics

Eff: 7/5/2016 Classified: No

Total for W.M. Keck Foundation: \$ 1,100,000

Total for Foundations: \$ 3,304,582

Total Private Grants: \$ 3,304,582

Detail of Contract³ Research Awards by Originating Sponsor⁴

Federal

Department of Health and Human Services

National Institutes of Health (NIH)

| | | |
|------|---|----------------|
| To: | Michael J Gale, Professor Immunology | \$ 2,737,556 |
| For: | Non-human primate core functional genomics laboratory for AIDS vaccine research and development | |
| Eff: | 7/6/2016 | Classified: No |

| | |
|---|---------------------|
| Total for National Institutes of Health (NIH): | \$ 2,737,556 |
|---|---------------------|

| | |
|---|---------------------|
| Total for Department of Health and Human Services: | \$ 2,737,556 |
|---|---------------------|

| | |
|---------------------------|---------------------|
| Total for Federal: | \$ 2,737,556 |
|---------------------------|---------------------|

Associations and Non-Profits

Patient-Centered Outcomes Research Institute (PCORI)

| | | |
|------|--|----------------|
| To: | Patrick J. Heagerty, Professor Biostatistics | \$ 1,031,005 |
| For: | Learning within Health Care Delivery Systems: Design, Analysis, and Interpretation of Longitudinal Cluster Randomized Trials | |
| Eff: | 7/27/2016 | Classified: No |

| | |
|--|---------------------|
| Total for Patient-Centered Outcomes Research Institute (PCORI): | \$ 1,031,005 |
|--|---------------------|

| | |
|--|---------------------|
| Total for Associations and Non-Profits: | \$ 1,031,005 |
|--|---------------------|

Industry

ABBVIE INC.

| | | |
|------|--|----------------|
| To: | Pamela S Becker, Professor Medicine | \$ 1,213,851 |
| For: | A Phase 1b Study of ABT-199 (GDC-0199) in Combination with Azacitidine or Decitabine in Treatment Naïve Subjects with Acute Myelogenous Leukemia Who Are ≥ 65 Years of Age and Who Are Not Eligible for Standard Induction Therapy | |
| Eff: | 7/14/2016 | Classified: No |

| | |
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| Total for ABBVIE INC.: | \$ 1,213,851 |
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| Total for Industry: | \$ 1,213,851 |
|----------------------------|---------------------|

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|-------------------------|---------------------|
| Total Contracts: | \$ 4,982,412 |
|-------------------------|---------------------|

| | |
|-----------------------------------|----------------------|
| Grand Total for all Awards | \$ 43,174,047 |
|-----------------------------------|----------------------|