

## Introduction

The research and creative activity enterprise at NDSU plays an integral role in our mission to serve the citizens of North Dakota. The collective efforts and energy of our faculty, staff and students establish the success of this enterprise, while enhancing student learning, generating knowledge and discovery, and contributing to sustained economic growth in the region. The commitment of NDSU faculty, students and staff to generating knowledge and discovery is reflected in the continued high volume of proposal submissions, which in FY2018 topped \$255 million.

The biggest source of external funding support for NDSU remains the federal government. However, this year saw increases in 5 of the 7 funding Sources, including Foundation/Non-Profits (43%), Other Government Agencies (35%), and Commodities (3%).

Sponsored Programs Administration continues to encourage NDSU’s creative and innovative faculty, students, and staff by supporting the pursuit of external funding to encourage research, scholarship, and creative activities. As we applaud the successes and accomplishments of the past year, we continue our commitment to the enhancement of future services and support. This report provides an abbreviated quantitative snapshot of FY 2018 award and proposal activity. Where noted, adjustments have been made to previously published data.

### Breakdown of external awards and federal formula funds:

	*FY 2016	FY 2017	FY 2018
External Awards	\$70,857,652	\$61,717,564	\$57,086,028
<i>Total External Awards</i>	<i>\$70,857,652</i>	<i>\$61,717,564</i>	<i>\$57,086,028</i>
Hatch/McIntire-Stennis Funds	\$3,184,348	\$3,144,546	\$3,148,467
Extension Service Smith-Lever Formula Funds	\$3,919,415	\$3,977,043	\$3,970,860
Student Financial Aid	\$10,530,068	\$10,538,815	\$11,968,163
<i>Total Federal Formula Funds</i>	<i>\$17,633,831</i>	<i>\$17,660,404</i>	<i>\$19,087,490</i>
<b>Grand Total</b>	<b>*\$88,491,483</b>	<b>\$79,377,968</b>	<b>\$76,173,518</b>

\*Adjustments were made to the previously published FY 2016 External Award totals. The adjusted totals are included here.

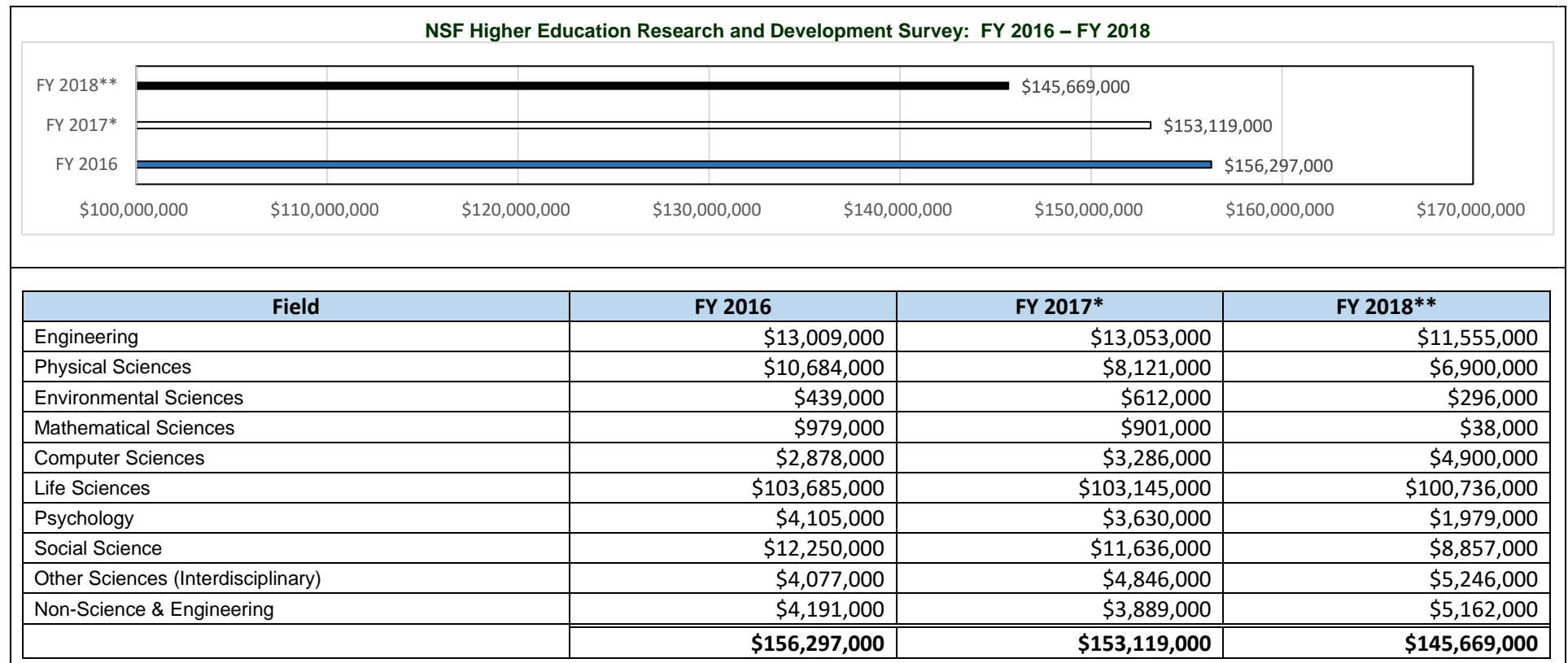
# Table of Contents

<b>Introduction</b> .....	1
<b>Table of Contents</b> .....	2
<b>Summaries and Comparisons</b>	
NSF Higher Education Research and Development Survey: FY 2016 through FY 2018.....	3
Proposals Processed through Sponsored Programs and Total Dollars Requested from External Funding Sources: FY 2016 through FY 2018.....	4
Summary of External Awards listed by Lead PI's College/Unit: FY 2016 through FY 2018.....	5
Summary of External Awards by Source: FY 2016 through FY 2018.....	6

## NSF Higher Education Research and Development Survey (HERD)

Each year, the National Science Foundation requests data from universities and colleges on their respective fiscal year research and development expenditures. The survey is developed and conducted by the NSF Division of Science Resources Statistics (SRS) and fulfills the legislative mandate of the National Science Foundation Act to “provide a central clearinghouse for the collection, interpretation, and analysis of data on scientific and engineering resources”. The SRS develops and directs about 14 surveys and annually produces about 30 publications related to resources devoted to science, engineering, and technology. The surveys contribute to decisions affecting higher education, Congress, the executive branch, and education associations using institutional data.

The data represented below is generated from funding awarded to NDSU. Sources of funding include: Federal government, State and local government, industry, institution, and other sources such as non-profit foundations. Institutional funds include state appropriations, tuition and fees, and gifts expended for research and development activities. In addition, un-reimbursed indirect costs and cost sharing are included as part of the institutional data.



\* Data for FY 2017 has been finalized by NSF and updates are shown here.

\*\* Preliminary data submitted to NSF – subject to change

**Proposals Processed through Sponsored Programs Administration  
And Total Dollars Requested from External Funding Sources  
FY 2016 - FY 2018**

College/Unit*	FY 2016**		FY 2017**		FY 2018	
	# Proposals	Requested	# Proposals	Requested	# Proposals	Requested
College of Agriculture, Food Systems and Natural Resources	21	\$361,922	20	\$909,891	25	\$730,942
Agriculture Experiment Station and Extension Service	619	\$45,603,185	709	\$65,584,698	613	\$71,316,014
College of Arts, Humanities and Social Sciences	60	\$2,034,506	58	\$5,514,354	46	\$2,516,817
College of Business	3	\$119,844	2	\$21,000	0	\$0
College of Engineering	166	\$47,745,548	164	\$33,164,097	153	\$45,585,654
College of Human Development and Education	30	\$2,178,982	42	\$1,188,876	40	\$1,435,764
College of Health Professions	76	\$40,508,646	113	\$55,597,597	86	\$42,417,857
College of Science and Mathematics	156	\$51,980,522	140	\$42,267,501	161	\$61,768,782
University Miscellaneous Offices	51	\$12,555,680	47	\$23,216,860	48	\$13,851,392
Upper Great Plains Transportation Institute	59	\$19,594,026	43	\$10,759,719	43	\$15,897,421
<b>TOTAL</b>	<b>1241</b>	<b>\$222,682,861</b>	<b>1338</b>	<b>\$238,224,593</b>	<b>1215</b>	<b>\$255,520,643</b>

\*College/unit categories are determined by the principal investigator's department only; co-investigators' departments are not reflected.

\*\*Adjustments were made to the previously published FY 2016 and FY 2017 Proposals Processed by College. The adjusted College amounts are included here.

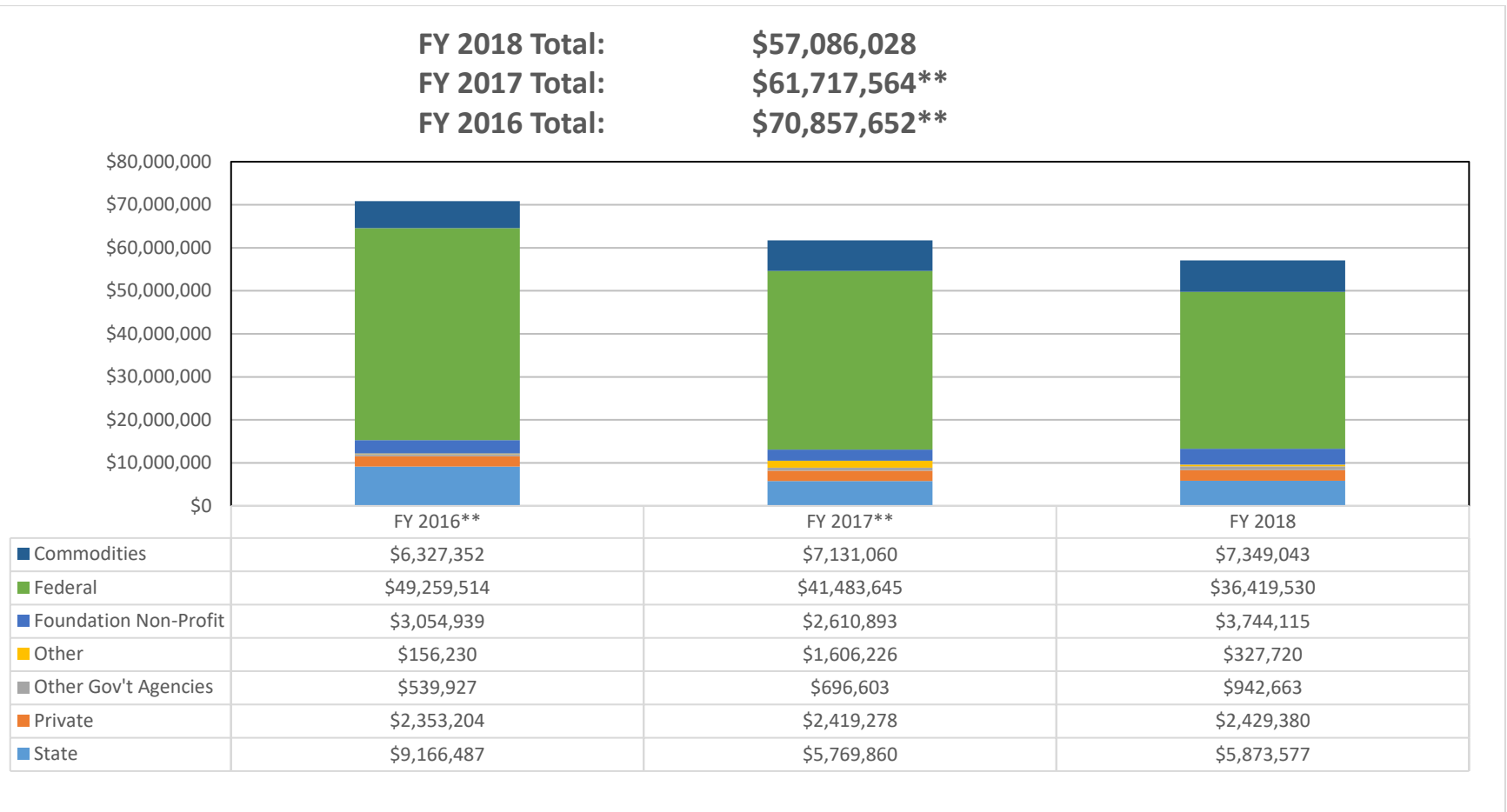
## Total Dollars Awarded from External Funding Sources FY 2016 - FY 2018

	FY 2016**	FY 2017**	FY 2018
College/Unit*	Awarded	Awarded	Awarded
College of Agriculture, Food Systems & Natural Resources	\$245,373	\$232,264	\$245,116
Agriculture Experiment Station & Extension Service	\$26,238,610	\$20,483,928	\$22,637,126
College of Arts, Humanities & Social Sciences	\$1,479,585	\$1,251,191	\$1,087,721
College of Business	\$27,000	\$111,083	\$0
College of Engineering	\$3,506,643	\$3,968,227	\$2,979,798
College of Human Development & Education	\$1,684,601	\$980,757	\$935,214
College of Health Professions	\$6,235,743	\$7,471,284	\$10,239,512
College of Science & Mathematics	\$12,405,846	\$6,036,695	\$6,666,052
University Miscellaneous Offices	\$12,401,637	\$13,260,827	\$6,118,198
Upper Great Plains Transportation Institute	\$6,632,614	\$7,921,308	\$6,177,291
<b>TOTAL</b>	<b>\$70,857,652</b>	<b>\$61,717,564</b>	<b>\$57,086,028</b>

\*College/unit categories are determined by the principal investigator's department only; co-investigators' departments are not reflected.

\*\*Adjustments were made to the previously published FY 2016 and FY 2017 External Funding Sources total. The adjusted totals are included here. In PeopleSoft when a department moves to a new college, currently active awards are credited to the new college. This is reflected in the historical data as well, due to conditional PeopleSoft set up parameters.

## Summary of External Awards by Source\* FY 2016 - FY 2018



\*Federal formula funds and state appropriated dollars are not included.

\*\* Adjustments were made to the previously published FY2016 and FY 2017 source totals and External Awards totals. The adjusted totals are included here.