



2020 Research & Innovation Dashboard

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Elevating the System's Research Profile



Supporting the
System Goal of \$3 Billion in Research
by 2025

R&D Dashboard

Academic & Research
Excellence Committee

Annual R&D
Workshop in DC

Financial Support
from the Legislature

Regular Meetings of
Vice Presidents for Research



Research Dashboard: Overview



Research Grants & Contracts Overview



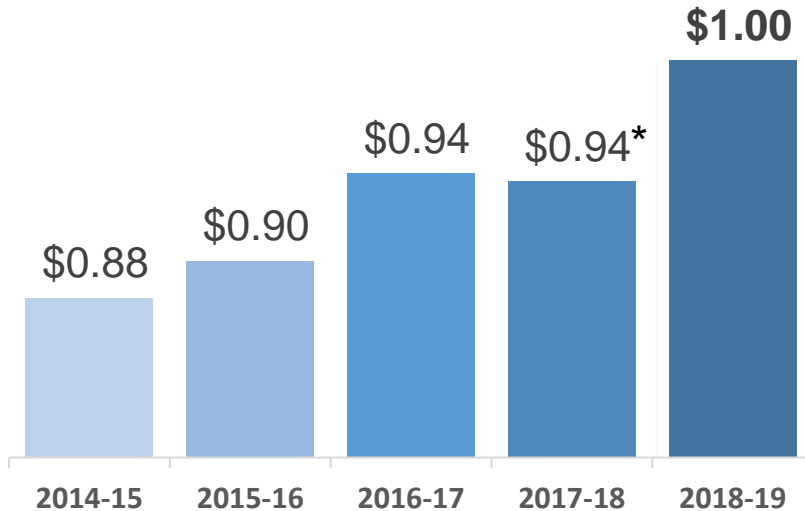
	METRICS	2019	2020
1	Total R&D Expenditures	\$2.12 B*	\$2.27 B
2	Federal R&D Expenditures	\$936 M*	\$996 M
3	Science & Engineering R&D Expenditures	\$1.88 B*	\$1.95 B
4	Non-Medical R&D Expenditures	\$1.42 B*	\$1.43 B
5	Number of Grants/Contracts Between Two or More SUS Institutions	120	123

*The previously reported data for this metric has been restated to address a methodological error at USF. This was largely comprised of research expenditures associated with dually-appointed USF staff for work that was included on the financial statements at other institutions (e.g., H. Lee Moffitt Cancer Center & Research Institute), an allocation of graduate medical research effort, and training grants. The methodology has been applied to the 2018-19 data. The National Science Foundation is not requiring USF to resubmit historical data.

Research Grants & Contracts Federal Expenditures

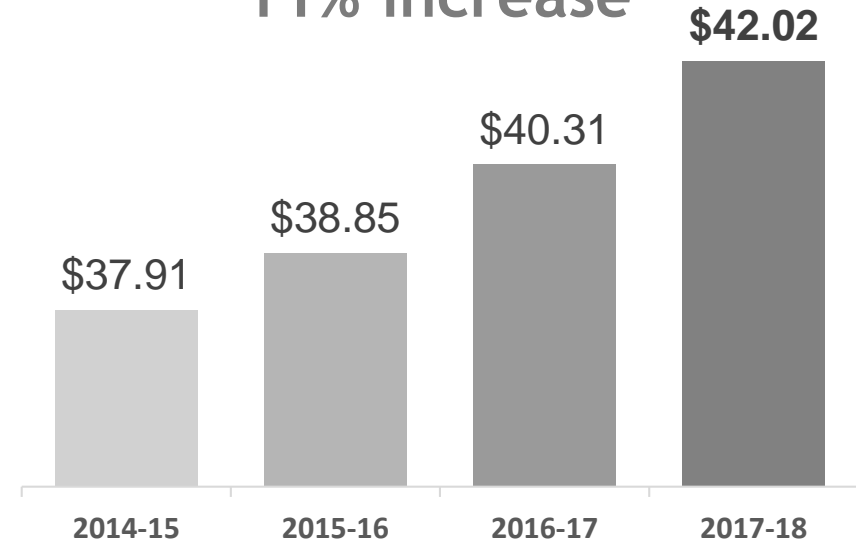


SUS Expenditures in billions 13% increase



Source: National Center for Science and Engineering Statistics, National Science Foundation, Higher Education Research and Development Survey.

National Expenditures in billions 11% increase



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Research Collaborations



Total number of grants
between 2 or more
SUS institutions 2018-19

123



METRICS		2019	2020
6	Patents Awarded (over 3-year period)	1,010	1,057
7	Number of Industry-related Grants and Contracts	3,273	3,671
8	Industry-Related R&D Expenditures	\$157.5 M	\$165.0 M
9	Number of Startups	43	27
10	Number of National Academy of Inventors Fellows	65	72
11	Number of I-Corps teams	40	181
12	Number of Licenses and Options Executed	496	437



METRICS		2019	2020
13	Number of Undergraduate Students Engaged in Research	New question on senior exit survey Spring 2020	
14	Doctoral Degrees Awarded	4,305	4,385
15	Number of Postdoctoral Appointees	1,509	1,652
16	National Academy Members (NAS, NAE, NAM)	63	64

Return on Investment



METRICS		2019	2020
17	Total Number of Jobs Supported from External Funding	18,320*	19,480
18	Economic Impact of State Funding	\$709.7 M*	\$661.0 M
19	Economic Impact of Federal Funding	\$2.81 B*	\$2.99 B

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Key Takeaways



The system continues to increase research expenditures; federal expenditures **grew by 13%**



SUS institutions collaborated across the system on **123 federal awards**



Return on investment in research continues to increase, **producing gains** in the amount of **economic impact & number of jobs**



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