



2022 Research & Innovation Dashboard

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www.flbog.edu

Elevating the System's Research Profile



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

R&D Dashboard

**Academic & Research
Excellence Committee**

**Meet with
Federal Agencies**

**Financial Support
from the Legislature**



**Regular Meetings of
Vice Presidents for Research**



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**Research
Grants &
Contracts**



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Innovation



.....

People



.....

**Return on
Investment**



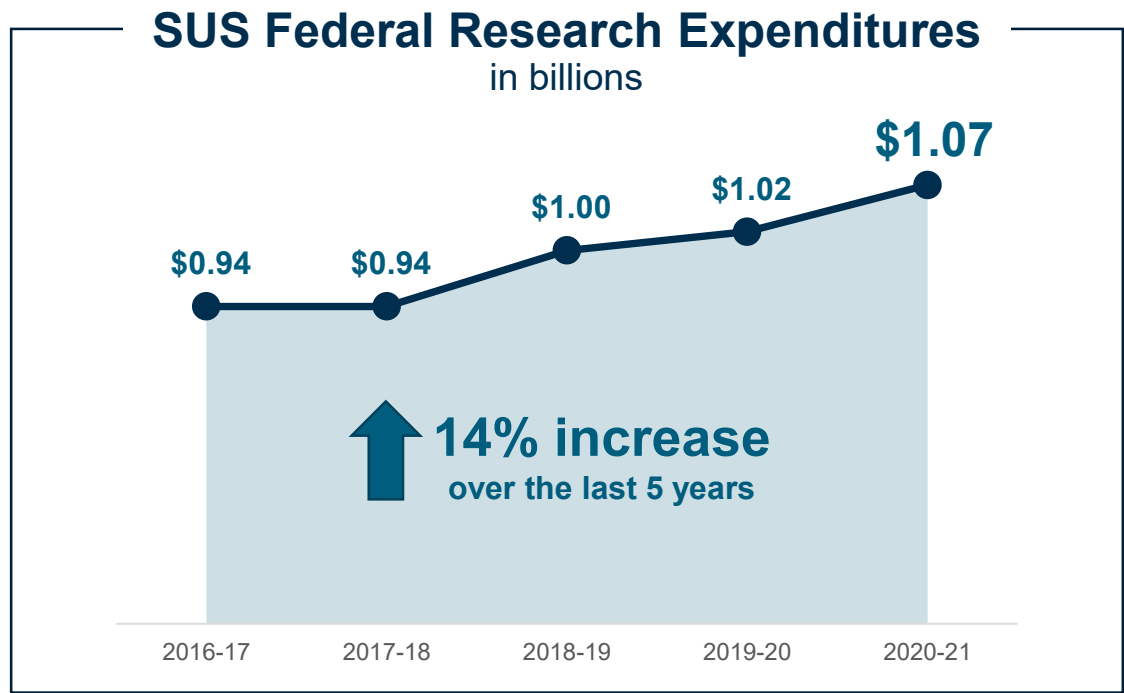
Research Grants & Contracts Overview



METRICS		2021	2022
1	Total R&D Expenditures	\$2.28 B	\$2.33 B
2	Federal R&D Expenditures	\$1.02 B	\$1.07 B
3	Science & Engineering R&D Expenditures	\$1.95 B	\$2.02 B
4	Non-Medical R&D Expenditures	\$1.47 B	\$1.48 B
5	Number of Grants/Contracts Between Two or More SUS Institutions	191	190



Research Grants & Contracts Federal Expenditures



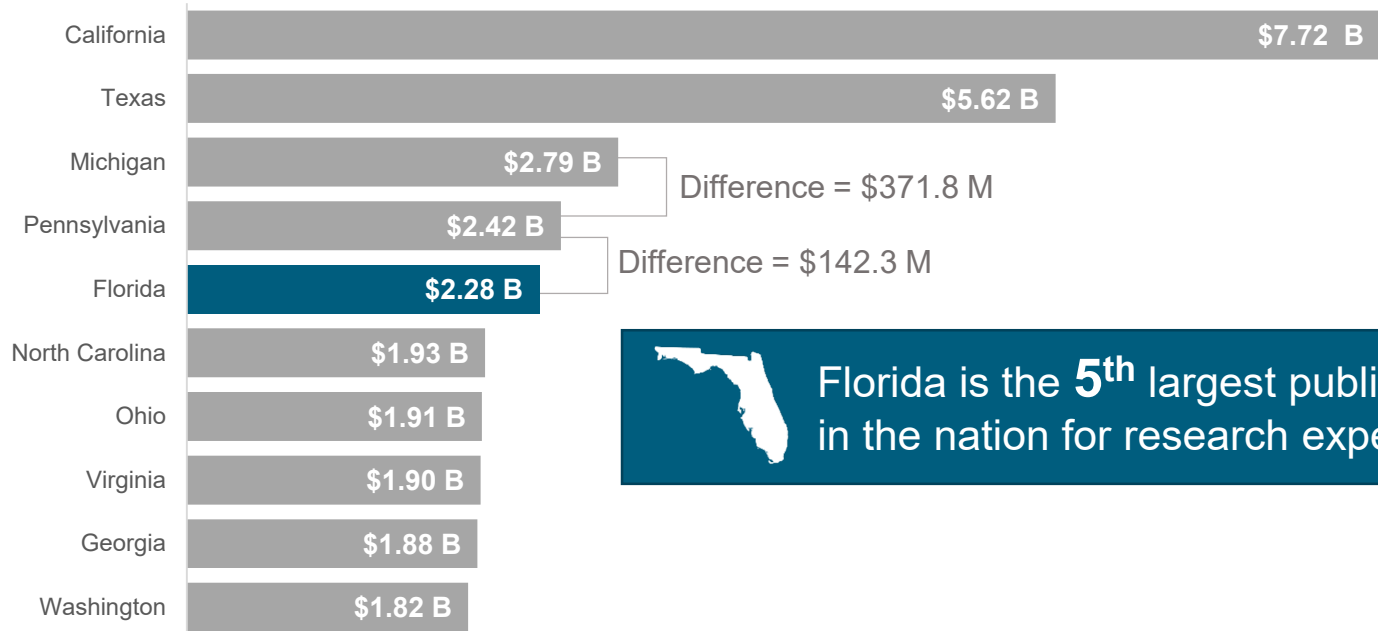
Source: National Center for Science and Engineering Statistics, National Science Foundation, Higher Education Research and Development Survey.




National R&D Expenditures



Top Ten Public Higher Education Systems for Research Expenditures FY 2020



 Florida is the **5th** largest public system in the nation for research expenditures



Research Collaborations



**Total number of grants
between 2 or more
SUS institutions 2020-21**

190





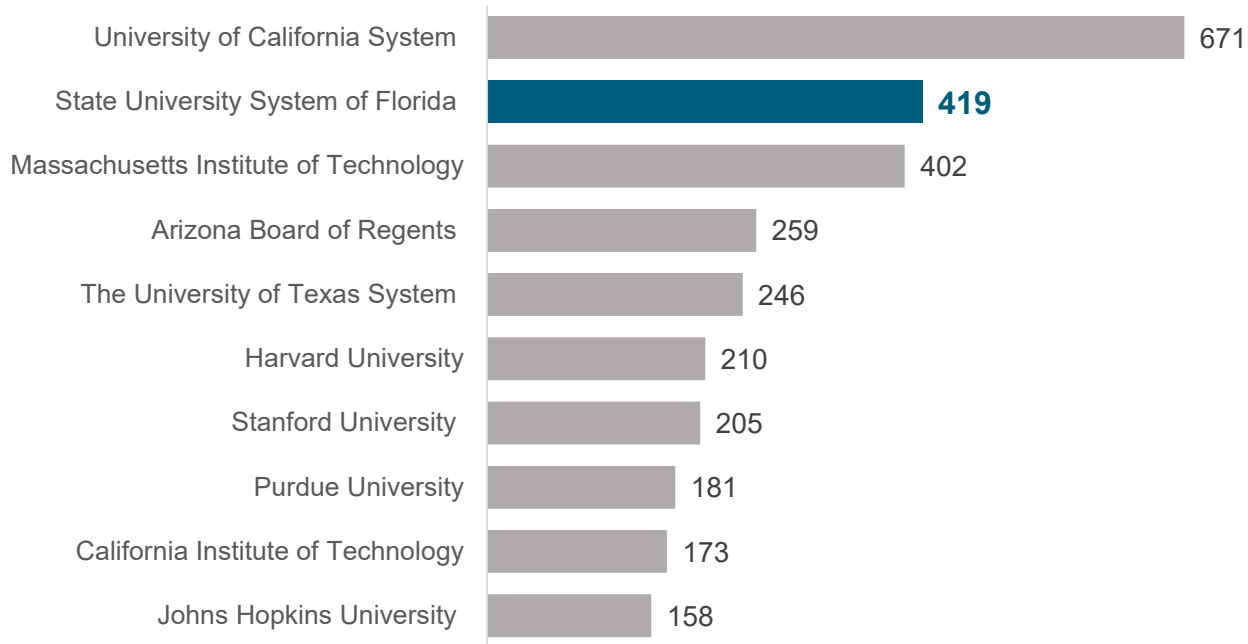
Innovation



METRICS		2021	2022
6	Patents Awarded (over 3-year period)	1,134	1,214
7	Number of Industry-related Grants and Contracts	3,902	3,934
8	Industry-Related R&D Expenditures	\$169.2 M	\$146.4 M
9	Number of Startups	37	29
10	Number of National Academy of Inventors Fellows	82	92
11	Number of I-Corps teams	82	144
12	Number of Licenses and Options Executed	413	422



Top 100 Colleges, Universities, & Institutes Receiving Patents





People



METRICS		2021	2022
13	Number of Undergraduate Students Engaged in Research	29.7%	31.9%
14	Doctoral Degrees Awarded	4,307	4,292
15	Number of Postdoctoral Appointees	1,653*	1,573*
16	National Academy Members (NAS, NAE, NAM)	67	72

*Self-reported for the preeminent institutions only.



Return on Investment



METRICS		2021	2022
17	Total Number of Jobs Supported from External Funding	19,860	20,270
18	Economic Impact of State Funding	\$710.1 M	\$758.2 M
19	Economic Impact of Federal Funding	\$3.06 B	\$3.20 B

Key Takeaways



The system continues to increase research expenditures; federal expenditures **grew by 14%**



SUS institutions collaborated across the system on **190 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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