



2023 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**

**Meet with
Federal Agencies**

**Financial Support
from the Legislature**



**Regular Meetings of
Vice Presidents for Research**



.....
**Research
Grants &
Contracts**



.....
Innovation



.....
People



.....
**Return on
Investment**



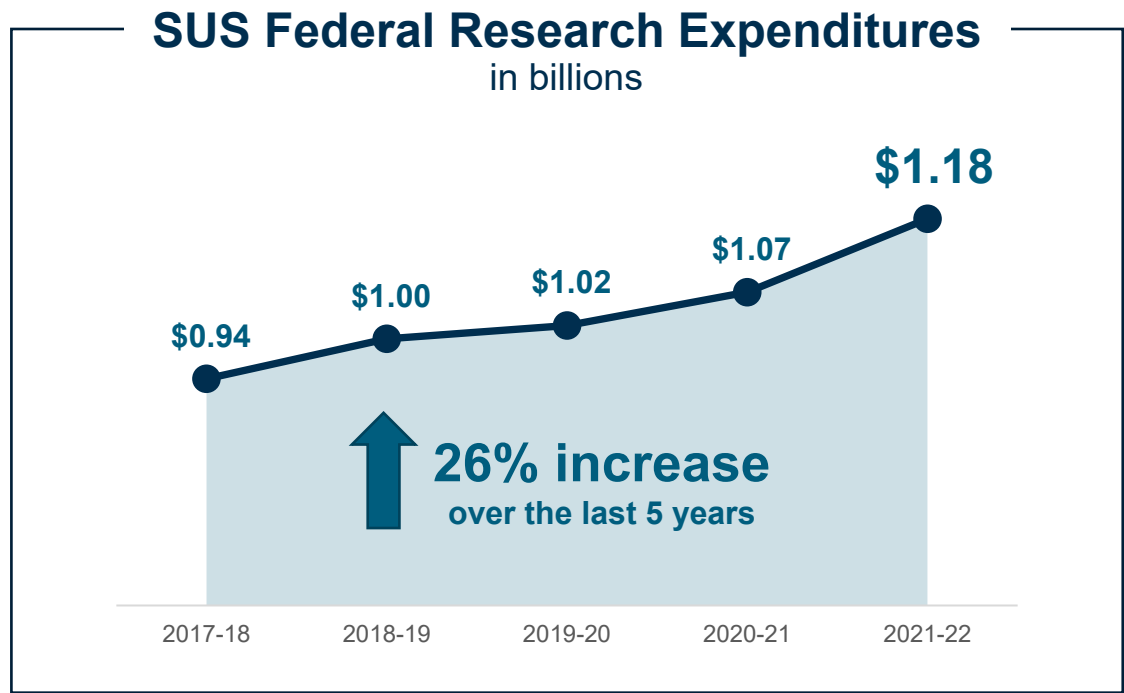
Research Grants & Contracts Overview



METRICS		2022	2023
1	Total R&D Expenditures	\$2.31 B	\$2.56 B
2	Federal R&D Expenditures	\$1.07 B	\$1.18 B
3	Science & Engineering R&D Expenditures	\$2.00 B	\$2.22 B
4	Non-Medical R&D Expenditures	\$1.48 B	\$1.63 B
5	Number of Grants/Contracts Between Two or More SUS Institutions	146	169



Research Grants & Contracts Federal Expenditures



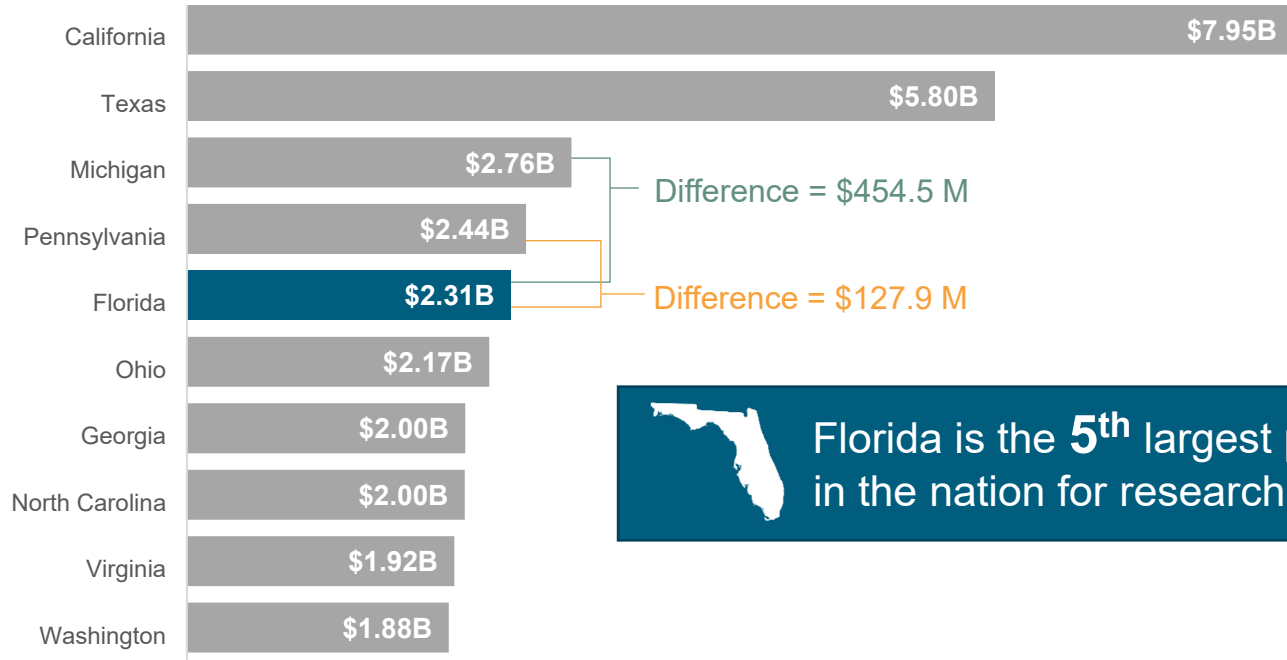
Source: National Center for Science and Engineering Statistics, National Science Foundation, Higher Education Research and Development Survey.



National R&D Expenditures



Top Ten Public Higher Education Systems for Research Expenditures FY 2021



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

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



Research Collaborations



**Total number of grants
between 2 or more
SUS institutions 2021-22**

169





Innovation



METRICS		2022	2023
6	Patents Awarded (over 3-year period)	1,214	1,287
7	Number of Industry-related Grants and Contracts	3,934	4,580
8	Industry-Related R&D Expenditures	\$146.4 M	\$163.7 M
9	Number of Startups	29	40
10	Number of National Academy of Inventors Fellows	92	98
11	Number of I-Corps teams	144	115
12	Number of Licenses and Options Executed	422	436



**Florida ranked
2nd in the nation
in tech transfer
in 2022**



- 1 University of California System
- 2 **State University System of Florida**
- 3 University of Texas System
- 4 University System of Ohio
- 5 University of North Carolina System
- 6 University of Illinois System
- 7 Arizona Board of Regents
- 8 University of Massachusetts System
- 9 University of Georgia System
- 10 University of Colorado System



People



METRICS		2022	2023
13	Percentage of Undergraduate Students Engaged in Research	31.5%	30.5%
14	Doctoral Degrees Awarded	4,292	4,708
15	Number of Postdoctoral Appointees	1,573*	1,617*
16	National Academy Members (NAS, NAE, NAM)	66	72

*Self-reported for the preeminent and emerging preeminent institutions only.



Return on Investment



METRICS		2022	2023
17	Total Number of Jobs Supported from External Funding	20,270	22,170
18	Economic Impact of State Funding	\$758.2 M	\$866.0 M
19	Economic Impact of Federal Funding	\$3.20 B	\$3.80 B

Key Takeaways



System research expenditures increased significantly

Total Research 11% ↑ **Federal Research 10%** ↑



SUS institutions collaborated across the system on **169 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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