





# State University System 2023 Research & Innovation Dashboard

CATEGORY	METRICS		Prior Year		Current Year	
			YEAR	SUS	YEAR	SUS
<b>Research Grants &amp; Contracts</b> 	1	Total R&D Expenditures (\$ Billions)	FY2020-21	\$2.33 B	FY 2021 -22	\$2.56 B
	2	Federal R&D Expenditures (\$ Billions)	FY2020-21	\$1.07 B	FY 2021 -22	\$1.18 B
	3	Science & Engineering R&D Expenditures (\$ Billions)	FY2020-21	\$2.02 B	FY 2021 -22	\$2.24 B
	4	Non-Medical R&D Expenditures (\$ Billions)	FY2020-21	\$1.48 B	FY 2021 -22	\$1.62 B
	5	Number of Grants/Contracts Between Two or More SUS Institutions	FY2020-21	146	FY 2021 -22	169
<b>Innovation</b> 	6	Utility Patents Awarded (over 3-year period)	2018-2020	1,214	2019-2021	1,287
	7	Number of Industry-Related Grants and Contracts	FY2020-21	3,934	FY 2021 -22	4,580
	8	Industry-Related R&D Expenditures (\$ Millions)	FY2020-21	\$146.4 M	FY 2021 -22	\$163.7 M
	9	Number of Startups	2018-19	29	2019-20	40
	10	Number of National Academy of Inventors Fellows	2021	92	2022	98
	11	Number of I-Corps Teams	FY2018-20	144	FY 2019-21	115
	12	Number of Licenses and Options Executed	2018-19	422	2019-20	436
<b>People</b> 	13	Percentage of Students Engaged in Undergraduate Research	Spring 2021	31.5%	Spring 2022	30.5%
	14	Doctoral Degrees Awarded	AY2020-21	4,292	AY 2021-22	4,708
	15	Number of Postdoctoral Appointees	Fall 2020	1,573*	Fall 2021	1,617*
	16	National Academy Members (NAS, NAE, NAM)	2021	66	2022	72
<b>ROI</b> 	17	<b>Total number of jobs supported from external funding</b> The total research expenditures from external sources are multiplied using a regional multiplier, which will generate the total number of jobs created for every \$1 million in external funding. Rounded to nearest tens digit.	FY2020-21	20,270	FY 2021 -22	22,170
	18	<b>Economic Impact of State Funding (\$ Million)</b> The total research expenditures by the institutions funded from the state. The total dollars received in state support is multiplied by the state multiplier, generating the total economic impact on the state's economy for every \$1 in state support.	FY2020-21	\$758.2 M	FY 2021 -22	\$866.0 M
	19	<b>Economic Impact of Federal Funding (\$ Billion)</b> Calculated on the annual contract & grant dollars received by the institutions from the federal agencies. The total dollars received in federal support is multiplied by the state multiplier, generating the economic impact on the state's economy for every \$1 in federal support.	FY2020-21	\$3.20 B	FY 2021 -22	\$3.80 B

Source: Board of Governors survey of universities, January 2023.

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