





# State University System 2022 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)	FY2019-20	\$2.28 B	FY2020-21	\$2.33 B
	2	Federal R&D Expenditures (\$ Millions)	FY2019-20	\$1.02 B	FY2020-21	\$1.07 B
	3	Science & Engineering R&D Expenditures (\$ Billions)	FY2019-20	\$1.95 B	FY2020-21	\$2.02 B
	4	Non-Medical R&D Expenditures (\$ Billions)	FY2019-20	\$1.47 B	FY2020-21	\$1.48 B
	5	Number of Grants/Contracts between Two or More SUS Institutions	FY2019-20	191	FY2020-21	190
<b>Innovation</b> 	6	Utility Patents Awarded (over 3-year period)	2017-2019	1,134	2018-2020	1,214
	7	Number of Industry-related Grants and Contracts	FY2019-20	3,902	FY2020-21	3,934
	8	Industry-related R&D Expenditures (\$ Millions)	FY 2019-20	\$169.2 M	FY2020-21	\$146.4M
	9	Number of Startups	2017-18	37	2018-19	29
	10	Number of National Academy of Inventors Fellows	2020	82	2021	92
	11	Number of I-Corps teams	FY2017-19	82	FY2018-20	144
	12	Number of Licenses and Options Executed	2017-18	413	2018-19	422
<b>People</b> 	13	Number of Students Engaged in Undergraduate Research	Spring 2020	29.7%	Spring 2021	31.9%
	14	Doctoral Degrees Awarded	AY2019-20	4,307	AY2020-21	4,292
	15	Number of Postdoctoral Appointees	Fall 2019	1,653**	Fall 2020	1,573*
	16	National Academy Members (NAS, NAE, NAM)	2020	67	2021	72
<b>ROI</b> 	17	<b>Total number of jobs supported from external funding</b> The total research expenditures from external sources is 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.	FY2019-20	19,860	FY2020-21	20,270
	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.	FY2019-20	\$710.1 M	FY2020-21	\$758.2 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.	FY2019-20	\$3.06 B	FY2020-21	\$3.20 B

Source: Board of Governors survey of universities, January 2022.

\*Self-reported for the preeminent institutions only.