

State University System 2021 R&D Dashboard

				2020		2021	
		METRICS		YEAR	SUS	YEAR	SUS
Research Grants & Contracts	1	Total R&D Expenditures (\$ Billions)		FY2018-19	\$2.27 B	FY2019-20	\$2.28 B
	2	Federal R&D Expenditures (\$ Millions)		FY2018-19	\$996 M	FY2019-20	\$1.02 B
	3	Science & Engineering R&D Expenditures (\$ Billions)		FY2018-19	\$1.95 B	FY2019-20	\$1.95 B
	4	Non-Medical R&D Expenditures (\$ Billions)		FY2018-19	\$1.43 B	FY2019-20	\$1.47 B
	5	Number of Grants/Contracts between Two or More SUS Institutions		FY2018-19	123	FY2019-20	191
Innovation	6	Patents Awarded (over 3-year period)		2016-2018	1,057	2017-2019	1,134
	7	Number of Industry-related Grants and Contracts		FY2018-19	3,671	FY2019-20	3,902
	8	Industry Related R&D Expenditures (\$ Millions)		FY2018-19	\$165.0 M	FY2019-20	\$169.2 M
	9	Number of Startups		2016-17	27	2017-18	37
	10	Number of National Academy of Inventors Fellows		2019	72	2020	82
	11	Number of I-Corps teams		FY2016-18	181	FY2017-19	82
	12	Number of Licenses and Options Executed		2016-17	437	2017-18	413
People	13	Percent of Undergraduates Engaged in Research		n/a		Spring 2020	29.7%
	14	Doctoral Degrees Awarded		AY2018-19	4,385	AY2019-20	4,307
	15	Number of Postdoctoral Appointees		Fall 2018	1,652	Fall 2019	1,653*
	16	National Academy Members (NAS, NAE, NAM)		2019	64	2020	67
ROI	17	Total number of jobs supported from external funding 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.		FY2018-19	19,480	FY2019-20	19,860
	18	Economic Impact of State Funding (\$ Millions) 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.		FY2018-19	\$661.0 M	FY2019-20	\$710.1 M
	19	Economic Impact of Federal Funding (\$ Billions) 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.		FY2018-19	\$2.99 B	FY2019-20	\$3.06 B

Source: Board of Governors survey of State University System institutions, March 2021.

*Self-reported for the preeminent institutions only. Complete NSF data for postdoctoral appointees was not yet available at the time of this compilation.