

Science and Engineering Profile: Mississippi

Characteristic	State	U.S.	Rank	Characteristic	State	U.S.	Rank
Doctoral scientists, 2001 ¹	2,930	542,940	36	Total R&D performance, 2000 (millions).....	\$513	\$244,855	39
Doctoral engineers, 2001 ¹	660	112,770	33	Industry R&D, 2000 (millions).....	\$101	\$187,544	45
S&E doctorates awarded, 2001 ¹	129	25,509	37	Academic R&D, 2001 (millions).....	\$242	\$32,716	34
of which, in life sciences.....	33%	26%		of which, in life sciences.....	44%	59%	
in physical sciences.....	18%	13%		in engineering.....	21%	15%	
in engineering.....	16%	22%		in physical sciences.....	12%	9%	
S&E postdoctorates, 2001 ¹				Public higher education current-fund			
in doctorate-granting institutions.....	118	42,899	38	expenditures, 2000 (millions).....	\$2,009	\$152,068	29
S&E graduate students, 2001 ¹				Number of SBIR awards, 1999-2001.....	29	13,650	44
in doctorate-granting institutions.....	3,065	452,411	36	Utility patents issued to state residents, 2001.....	166	87,605	42
Population, 2002 (thousands).....	2,872	292,228	32	Gross state product, 2000 (billions).....	\$67	\$10,003	35
Civilian labor force, 2002 (thousands).....	1,298	146,712	33	of which, agriculture.....	2%	1%	
Personal income per capita, 2001.....	\$21,750	\$30,472	51	manufacturing, mining, construction.....	26%	22%	
Federal spending				transportation, communication, utilities.....	10%	8%	
Total expenditures, 2001 (millions).....	\$20,212	\$1,753,011	30	wholesale and retail trade.....	17%	16%	
R&D obligations, 2001 (millions).....	\$402	\$78,006	31	finance, insurance, real estate.....	12%	19%	
				services.....	17%	22%	
				government.....	16%	12%	

¹Data on graduate students, doctoral scientists, doctoral engineers, and postdoctorates include all graduate degree (except M.D.) candidates and recipients in S&E fields, including health. Data on S&E doctorates awarded do not include health fields.

NOTES: Rankings and totals are based on data for the 50 States, District of Columbia, and Puerto Rico. Reliability of the estimates of industry R&D and of doctoral scientists and engineers varies by State, because the sample allocation was not based on geography. The rankings do not take into account the margin of error of estimates from sample surveys.

Federal Obligations for Research and Development by Agency and Performer: Mississippi, Fiscal Year 2001

Agency	Performer							State rank, total
	Total	Federal intramural	All FFRDCs	Industrial firms	Universities & colleges	Other nonprofits	State & local government	
	[In thousands of dollars]							
Total, all agencies.....	402,085	181,275	0	87,181	122,606	7,933	3,090	31
Department of Agriculture.....	83,943	59,516	0	0	22,831	1,596	0	5
Department of Commerce.....	5,306	1,939	0	290	3,077	0	0	25
Department of Defense.....	192,012	94,025	0	59,179	38,808	0	0	27
Department of Energy.....	3,812	0	0	0	3,812	0	0	39
Dept. of Health & Human Services.....	34,311	0	0	288	33,966	0	57	46
Department of the Interior.....	4,694	3,819	0	13	175	570	117	26
Department of Transportation.....	2,375	0	0	0	110	0	2,265	36
Environmental Protection Agency.....	901	0	0	0	535	0	366	38
National Aeronautics and Space Admin....	67,670	21,906	0	26,712	13,000	5,767	285	12
National Science Foundation.....	7,061	70	0	699	6,292	0	0	49
State rank, total.....	31	18	na	33	34	37	39	na

KEY: FFRDC = federally funded research and development center; SBIR = small business innovation research; na = not applicable.

NOTES: Federal R&D obligations are as reported by funding agencies. Ranks and totals are based on data for the 50 States, District of Columbia, and Puerto Rico.

SOURCES: Prepared by the National Science Foundation/Division of Science Resources Statistics. Data compiled from numerous sources -- see the section, "Data Sources for Science and Engineering (S&E) State Profiles".