

Science and engineering profile: Mississippi

Characteristic	State	U.S.	Rank
Doctoral scientists, 2003	2,990	566,330	36
Doctoral engineers, 2003	690 *	118,540	34
S&E doctorates awarded, 2005	168	27,974	36
Life sciences (%)	35	26	-
Psychology (%)	24	12	-
Social sciences (%)	13	15	-
S&E and health postdoctorates in doctorate-granting institutions, 2005	170	48,601	36
S&E and health graduate students in doctorate-granting institutions, 2005	3,807	527,767	35
Population, 2005 (thousands)	2,921	300,322	32
Civilian labor force, 2005 (thousands)	1,343	150,717	34
Personal income per capita, 2005 (dollars)	24,925	34,495	50
Federal spending			
Total expenditures, 2004 (\$millions)	22,338	2,136,440	30
R&D obligations, 2004 (\$millions)	1,594	98,936	21
Total R&D performance, 2004 (\$millions)	651	283,439	40
Industry R&D, 2004 (\$millions)	160	201,131	46
Academic R&D, 2005 (\$millions)	353	45,725	32
Life sciences (%)	53	60	-
Engineering (%)	15	15	-
Physical sciences (%)	12	8	-
SBIR awards, 2000-05	69	33,289	46
Utility patents issued to state residents, 2005	114	74,630	43
Gross domestic product, 2005 (\$billions)	81	12,492	37

*Coefficient of variation greater than 10% but less than 25%; -- = no value possible; S&E = science and engineering; SBIR = small business innovation research.

NOTES: Rankings and totals are based on data for the 50 states, District of Columbia, and Puerto Rico. Rankings are based on unrounded totals. Reliability of estimates of doctoral scientists and engineers varies by state, because sample allocation was not based on geography. Rankings do not take into account the margin of error of estimates from sample surveys. Data on doctoral scientists and engineers include only recipients of doctoral degrees from U.S. institutions in S&E and health fields. The field percentages represent the largest three fields within the state.

Federal obligations for research and development, by agency and performer: Mississippi, FY 2004
(Thousands of dollars)

Agency	Total	Performer					Rank	
		Federal intramural	All FFRDCs	Industrial firms	Universities and colleges	Other nonprofits		State, local governments
All agencies	1,593,661	137,569	0	1,303,919	142,743	5,715	3,715	21
Department of Agriculture	105,982	73,717	0	0	31,594	611	60	4
Department of Commerce	7,146	2,676	0	1,076	1,286	2,108	0	22
Department of Defense	1,388,674	51,686	0	1,293,563	43,425	0	0	12
Department of Energy	2,862	0	0	0	2,862	0	0	44
Department of Health and Human Services	44,420	1	0	479	42,170	926	844	44
Department of Homeland Security	83	83	0	0	0	0	0	39
Department of the Interior	4,379	3,066	0	47	1,044	0	222	24
Department of Transportation	3,251	0	0	70	592	0	2,589	34
Environmental Protection Agency	1,782	44	0	66	1,672	0	0	26
National Aeronautics and Space Administration	24,657	6,296	0	8,306	8,059	1,996	0	20
National Science Foundation	10,425	0	0	312	10,039	74	0	45
Rank	21	20	-	11	35	37	40	-

-- = no value possible.

FFRDC = federally funded research and development center.

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.