

**NSF Total Research Expenditure Rankings for FY2018 (Released November 2019)
Top 25 Overall by Key Fields and Subfields**

	FY2018 Ranking	FY2017 Ranking	FY2016 Ranking	Industry	Total Engineering	Aero/Astro-Engineering	Bio-Engineering	Chemical Engineering	Civil Engineering	Eng - Electrical	Eng- Industrial and Manufacturing	Eng - Materials	Eng - Mechanical	Total Physical Sciences	Chemistry	Material Science	Physics	Astronomy	Total Environmental Sci	Atmospheric/Meteorolog	Geological and Earth Sciences	Ocean Sciences	Mathematical	Computer Science	Total Life Sciences	Agricultural	Biological	Health Sciences	Natural resources	Psychology	Total Social Sciences	Anthropology	Economics	Political Science	Sociology	Number In Top Ten Fields/Subfields
Johns Hopkins	1	1	1	8	1	2	3	14	20	1	1	5	1	1	17	13	2	3	24	31	28	35	1	1	3	N/A	10	5	N/A	96	90	145	200	187	26	16
Michigan	2	2	2	9	6	13	9	16	10	5	16	20	7	24	9	N/A	21	30	53	N/A	17	N/A	6	51	7	81	14	11	9	9	1	2	2	4	2	15
UC San Francisco	3	3	4	7	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	23	1	N/A	244	N/A	N/A	N/A	N/A	N/A	N/A	N/A	1	N/A	301	1	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4
U. Pennsylvania	4	4	3	3	52	N/A	15	25	N/A	38	N/A	N/A	22	26	29	8	23	48	193	N/A	132	N/A	31	20	2	102	1	38	N/A	11	10	35	23	22	3	6
U. Washington	5	5	5	22	17	24	10	40	14	18	27	46	20	28	26	27	32	20	4	2	24	5	36	21	5	185	9	8	4	37	30	127	207	10	24	9
UCLA	6	12	12	15	34	N/A	55	30	66	19	N/A	34	17	25	28	N/A	13	N/A	23	17	9	N/A	10	41	6	N/A	95	2	N/A	16	5	N/A	117	32	5	6
UC San Diego	7	7	7	11	16	N/A	4	N/A	N/A	6	N/A	N/A	28	21	22	N/A	8	N/A	1	8	4	2	48	11	12	N/A	71	3	N/A	7	34	N/A	35	7	57	10
Wisconsin	8	6	6	51	25	N/A	35	20	35	36	21	24	47	17	14	N/A	20	29	16	6	19	N/A	34	24	14	15	17	16	90	38	11	31	32	18	20	1
Harvard	9	9	8	32	29	N/A	2	135	67	52	N/A	17	105	13	8	N/A	11	11	20	42	25	140	2	36	18	N/A	2	55	44	54	2	15	4	1	54	7
Duke	10	8	10	1	32	N/A	7	N/A	30	24	N/A	53	41	72	68	N/A	60	N/A	63	N/A	86	32	17	88	4	N/A	15	4	31	44	18	28	44	6	12	4
Stanford	11	10	9	6	18	17	6	10	26	28	N/A	42	12	11	19	7	12	23	45	76	31	53	40	18	13	N/A	19	12	48	13	27	7	18	80	142	5
UNC	12	11	11	36	103	N/A	62	N/A	22	N/A	20	N/A	N/A	39	20	N/A	67	70	43	N/A	48	33	62	31	11	N/A	27	6	179	1	3	74	96	29	1	4
Cornell	13	13	13	18	33	46	34	26	55	33	23	15	19	7	12	12	7	16	87	51	58	123	59	12	15	7	8	32	13	36	20	87	48	66	7	5
Pittsburgh	14	16	17	59	76	N/A	33	42	114	66	33	N/A	64	43	32	N/A	65	35	58	N/A	111	N/A	56	71	9	N/A	12	10	N/A	22	116	95	118	50	212	2
Yale	15	15	18	10	90	N/A	37	51	N/A	50	N/A	N/A	61	22	24	N/A	15	21	80	N/A	41	N/A	69	86	10	N/A	20	7	19	33	64	25	26	118	43	2
MIT	16	14	14	2	3	6	1	2	18	12	100	4	4	6	6	16	9	6	22	16	12	29	16	6	93	95	58	114	67	133	16	N/A	5	31	254	13
Minnesota	17	17	15	35	24	22	11	5	21	30	34	30	23	35	30	N/A	26	45	54	N/A	18	N/A	22	26	22	22	42	18	3	2	17	84	12	13	9	4
Columbia	18	20	20	16	45	42	19	60	118	98	58	N/A	74	42	57	20	57	24	8	13	6	6	33	23	17	129	22	14	47	101	37	204	N/A	84	22	3
UT MD Anderson	19	21	19	4	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	84	N/A	N/A	36	N/A	N/A	N/A	N/A	N/A	3	N/A	8	N/A	11	9	N/A	18	84	N/A	N/A	N/A	18	4
TX A&M U	20	19	16	38	5	11	17	6	1	22	22	8	11	27	15	23	27	27	6	32	20	3	20	25	45	1	60	73	33	104	23	30	13	20	70	7
Penn State	21	23	21	44	4	10	40	8	38	4	5	2	2	9	31	1	18	10	15	10	7	46	5	8	52	8	46	68	116	3	21	10	30	54	4	18
Georgia Tech	22	24	25	23	2	3	5	7	17	2	2	11	5	36	10	N/A	47	68	59	63	27	88	23	2	153	70	115	183	N/A	90	101	N/A	136	N/A	61	8
USC	23	27	30	19	44	55	22	98	88	17	41	125	66	78	47	28	133	52	48	N/A	22	48	115	4	26	N/A	30	17	N/A	56	13	154	47	62	158	1
NYU	24	18	23	39	37	N/A	N/A	112	107	55	N/A	N/A	104	61	46	N/A	46	N/A	273	N/A	194	134	14	32	24	N/A	13	24	N/A	4	22	N/A	67	21	16	1
Ohio State	25	22	22	5	13	72	71	18	60	20	8	7	3	34	35	48	28	31	72	N/A	36	N/A	26	27	30	26	61	23	22	52	54	59	33	107	36	4
Penn State 2017				38	4	10	27	13	16	4	4	2	3	11	32	1	25	8	21	11	10	52	7	9	57	12	52	66	67	3	10	5	25	28	2	15
Penn State 2016				40	7	10	40	10	16	5	2	1	2	15	29	2	24	17	21	10	7	57	2	8	49	11	47	67	41	5	9	121	36	15	2	15
Penn State 2015				33	5	11	54	13	14	4	*	2	3	22	31	*	21	11	13	9	7	37	9	8	55	13	68	62	*	5	11	*	42	26	2	10
Penn State 2014				31	5	10	66	21	12	4		2	3	21	33		18	15	13	8	8	32	11	8	52	11	66	60		4	11		41	25	2	10
Penn State 2013				27	5	8	76	19	9	4		1	3	21	26		17	15	14	9	9	35	11	8	47	8	64	58		2	14		45	28	3	12
Penn State 2012				22	4	8	76	16	11	4		1	4	18	17		13	15	13	8	8	34	10	10	48	10	65	60		3	17		32	33	3	12
Penn State 2011				8	4	10	73	11	14	4		1	4	17	18		14	14	13	8	8	35	9	9	45	8	62	62		1	17		37	29	2	12