NSF Total S&E Research Expenditure Rankings for FY2011 (Released November 2012)
Top Twenty Overall by NSF Fields and Subfields

	FY2011 Ranking	FY2010 Ranking	FY2009 Ranking	Industry	Total Engineering	Aero/Astro-Engineering	Bio-Engineering	Chemical Engineering	Civil Engineering	Eng - Electrical	Eng - Materials	Eng - Mechanical	Total Physical Sciences	Chemistry	Physics	Astronomy	Total Environmental Sci	Atmospheric	Earth Sciences	Oceanographic	Mathematical	Computer Science	Total Life Sciences	Agricultural	Biological	Medical	Psychology	Total Social Sciences	Economics	Political Science	Sociology	Number In Top Ten Fields/Subfields
Johns Hopkins	1	1	1	10	1	1	4	9	28	1	80	1	2	32	2	3	17	17	88	21	1	3	2	-	10	3	69	69	86	267	120	**14**
U. Michigan	2	2	2	19	8	11	19	28	19	6	21	11	24	20	22	22	47	-	16	-	7	63	5	51	13	8	8	1	1	1	3	**10**
U. Washington	3	4	8	41	19	19	5	36	21	16	29	34	21	13	23	17	1	7	40	4	2	79	7	55	21	10	41	67	-	44	25	**7**
U. Wisconsin	4	3	3	27	16	-	42	19	24	47	32	45	11	23	10	18	16	5	37	47	28	17	9	27	6	14	57	5	7	35	14	**6**
Duke	5	5	7	1	48	-	11	-	97	23	68	67	58	68	45	-	39	-	73	36	15	75	3	-	7	4	3	23	26	7	16	**5**
UC San Diego	6	6	6	7	18	-	8	-	-	5	-	27	16	7	11	-	3	10	5	3	35	11	12	220	84	6	2	35	55	11	34	**9**
UC San Francisco	7	8	4	13	-	-	-	-	-	-	-	-	89	39	-	-	-	-	-	-	-	-	1	-	97	1	-	-	-	-	-	**2**
UC Los Angeles	8	7	5	14	36	-	64	55	71	18	27	22	13	25	7	-	46	23	32	-	17	26	8	-	110	2	12	10	109	75	26	**4**
Stanford	9	9	14	11	14	13	10	20	41	15	50	13	7	16	85	-	30	-	28	43	14	18	16	-	15	20	19	20	14	53	46	**2**
U. Pittsburgh	10	11	22	73	87	-	29	49	91	126	128	57	46	28	66	34	67	-	103	-	40	57	4	-	16	5	37	100	116	72	158	**2**
U. Penn	11	10	12	15	71	-	27	80	-	46	26	51	44	44	30	-	179	-	123	-	49	28	6	170	4	7	42	25	75	43	18	**3**
Columbia	12	12	24	21	50	40	17	46	64	31	105	73	23	42	15	16	8	9	2	-	31	23	13	86	20	9	54	22	53	18	12	**4**
U. Minnesota	13	13	10	24	20	24	13	21	13	37	-	18	33	46	18	35	55	-	22	-	11	30	14	12	32	13	6	16	15	14	6	**2**
Ohio State	14	16	13	3	11	80	92	7	25	14	8	5	41	56	29	31	68	-	25	-	22	13	21	19	41	23	22	21	28	20	32	**3**
Penn State 2011	**15**	**14**	**9**	**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**
Cornell	16	17	16	31	23	-	36	52	66	39	22	28	9	24	9	12	44	-	34	105	34	22	18	17	31	21	55	11	4	189	10	**4**
UNC Chapel Hill	17	15	19	29	-	-	-	-	-	-	-	-	36	9	63	-	28	-	15	32	37	25	11	-	9	22	32	3	268	135	1	**4**
Florida	18	21	23	35	25	18	23	68	12	34	17	53	35	37	37	23	87	-	52	55	56	65	20	1	24	43	39	26	9	172	28	**2**
Washington U.	19	18	21	17	118	-	20	86	215	135	116	142	75	83	58	-	64	-	47	-	169	78	10	-	8	11	52	183	-	83	152	**2**
MIT	20	23	11	2	3	7	1	2	18	7	6	6	4	10	5	7	18	15	20	33	18	8	93	-	46	116	123	51	20	31	-	**12**
Penn State 2010				9	3	10	55	18	24	3	2	3	17	20	17	13	11	8	7	27	7	8	45	8	62	60	1	11	34	19	2	12
Penn State 2009				4	3	11	54	7	13	4	1	3	15	11	15	13	11	9	5	29	5	6	49	9	64	63	1	14	34	11	2	12
Penn State 2008				3	3	14	46	6	17	3	1	4	15	11	13	13	11	8	6	29	6	8	51	10	69	63	1	14	43	11	2	12
Penn State 2007				3	3	12	39	3	16	4	1	4	15	16	11	15	11	10	6	33	8	8	52	11	74	62	1	14	53	16	1	11
Penn State 2006				3	3	14	35	3	13	4	1	4	9	9	12	14	12	11	7	26	7	11	51	11	73	59	2	16	47	22	1	11
Penn State 2005				2	3	20	35	1	11	4	1	3	9	11	11	12	13	10	8	31	6	11	50	9	78	58	2	16	45	18	1	12
Penn State 2004				2	3	12	33	4	7	4	1	3	9	5	12	11	14	11	7	33	8	8	48	8	72	61	2	16	47	17	1	14