

Peer Comparison of Research Data

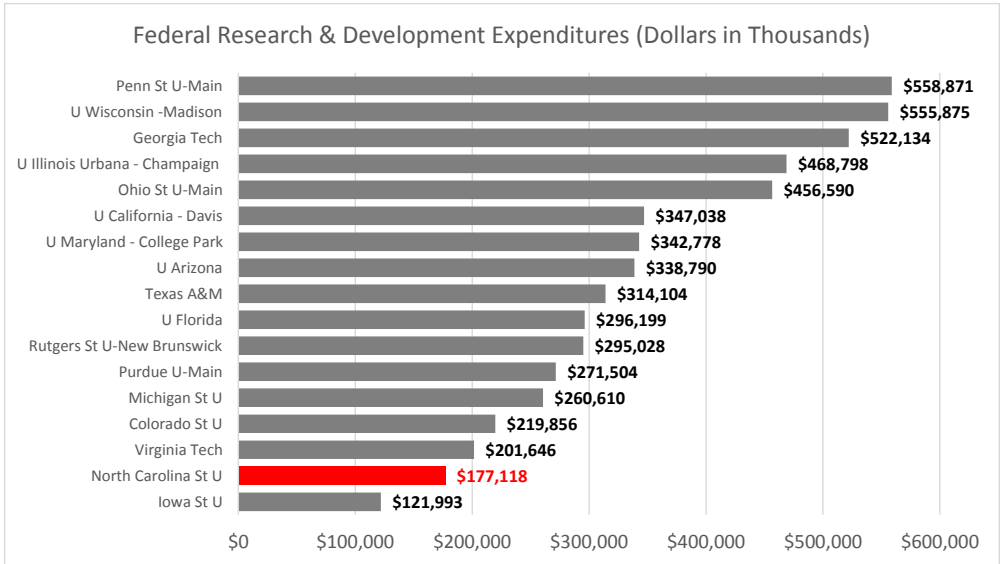
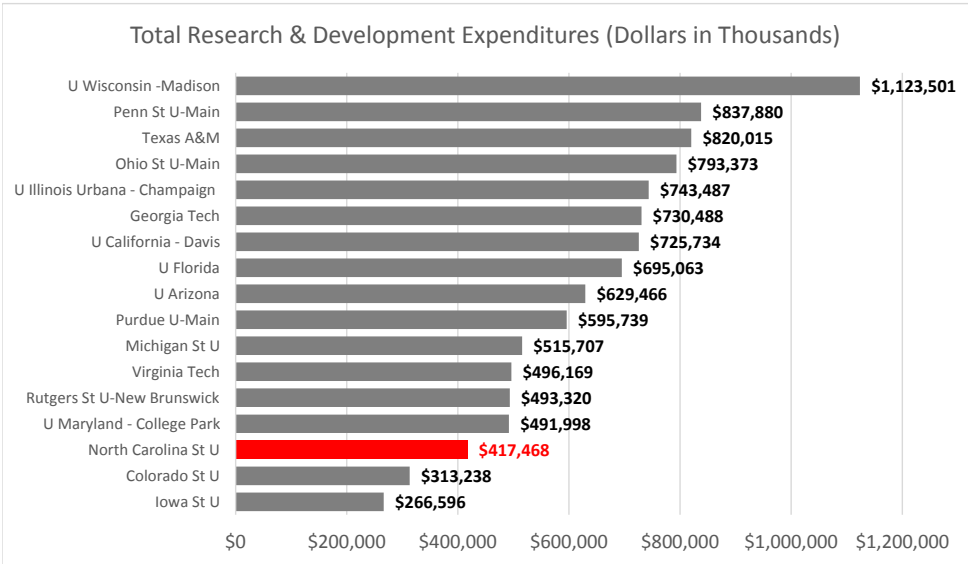
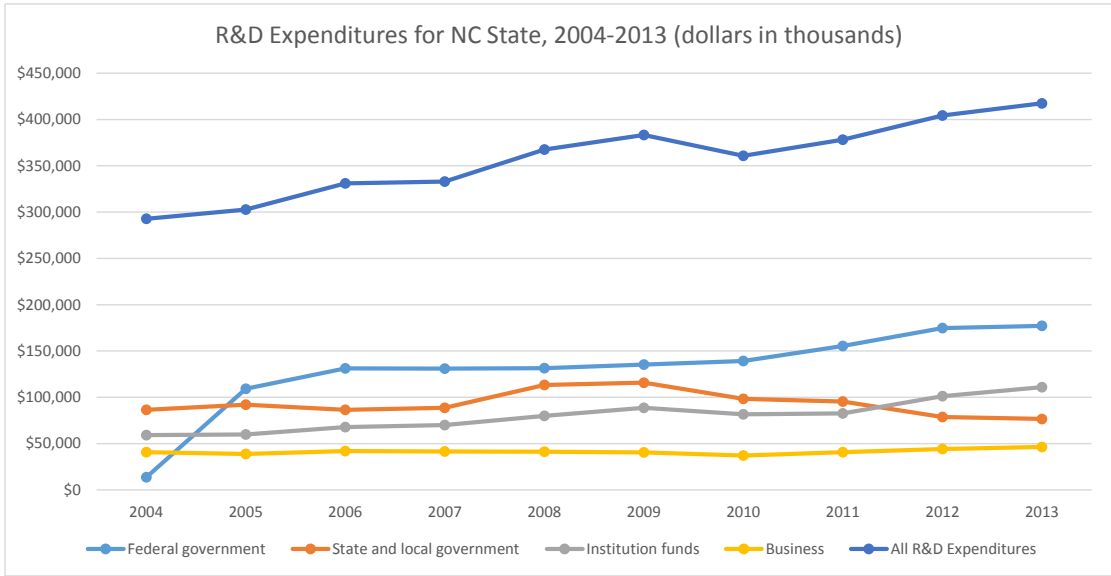
R&D Expenditures, By Source of Funds, FY 2013 (dollars in thousands)								
Institution	Rank	Federal government	State and local government	Institution funds	Business	Nonprofit organizations	All other sources	All R&D expenditures
Colorado St U	72	\$219,856	\$14,143	\$46,468	\$12,792	\$13,797	\$6,182	\$313,238
Georgia Tech	23	\$522,134	\$11,520	\$132,945	\$46,187	\$6,054	\$11,648	\$730,488
Iowa St U	80	\$121,993	\$35,447	\$80,386	\$17,571	\$8,159	\$3,040	\$266,596
Michigan St U	36	\$260,610	\$42,045	\$176,901	\$7,497	\$14,219	\$14,435	\$515,707
North Carolina St U	51	\$177,118	\$76,662	\$110,943	\$46,415	\$5,809	\$521	\$417,468
Ohio St U-Main	20	\$456,590	\$52,416	\$112,270	\$110,551	\$27,895	\$33,651	\$793,373
Penn St U-Main	17	\$558,871	\$49,465	\$155,612	\$34,878	\$34,417	\$4,637	\$837,880
Purdue U-Main	33	\$271,504	\$66,881	\$182,237	\$38,595	\$30,210	\$6,312	\$595,739
Rutgers St U-New Brunswick	40	\$295,028	\$49,435	\$99,509	\$13,982	\$29,037	\$6,329	\$493,320
Texas A&M	19	\$314,104	\$154,423	\$229,051	\$52,299	\$62,596	\$7,542	\$820,015
U Arizona	32	\$338,790	\$17,380	\$159,119	\$13,964	\$33,783	\$66,430	\$629,466
U California - Davis	25	\$347,038	\$61,443	\$175,550	\$43,636	\$66,813	\$31,254	\$725,734
U Florida	27	\$296,199	\$91,870	\$245,554	\$25,032	\$28,764	\$7,644	\$695,063
U Illinois Urbana - Champaign	22	\$468,798	\$31,858	\$168,080	\$42,101	\$14,957	\$17,693	\$743,487
U Maryland - College Park	41	\$342,778	\$14,232	\$116,748	\$7,124	\$4,434	\$6,682	\$491,998
U Wisconsin -Madison	4	\$555,875	\$75,451	\$397,820	\$22,168	\$45,601	\$26,586	\$1,123,501
Virginia Tech	38	\$201,646	\$115,664	\$146,324	\$26,129	\$2,615	\$3,791	\$496,169

Licensing Revenues and Patent Activity for Fiscal 2013						
Institution	US Patents Issued	Licensing Income	Startup Companies	U.S. Patent Applications Filed	Licenses and Options Executed	Total Research Spending
Colorado State University	21	\$1,153,043	7	64	26	\$313,238,032
Georgia Inst. of Technology	41	\$2,267,016	10	129	36	\$848,215,000
Iowa State University	46	\$3,302,322	1	49	33	\$515,707,000
Michigan State University	88	\$2,596,454	15	160	80	\$841,814,044
North Carolina State University	24	\$9,108,374	2	25	79	\$300,829,796
Ohio State University	66	\$6,305,827	8	158	87	\$613,652,000
Penn State University	27	\$926,023	3	76	48	\$629,466,000
Purdue Research Fdn. University	62	\$2,105,127	10	155	50	\$967,306,055
Rutgers, The State University of NJ	40	\$6,788,262	8	58	111	\$417,468,000
Texas A&M University System	50	\$12,826,461	3	158	55	\$820,015,000
University of Arizona	107	\$28,067,988	16	152	140	\$544,936,847
University of California System	157	\$94,170,000	7	167	63	\$1,123,501,000
University of Florida	355	\$104,807,562	66	1268	261	\$5,695,388,516
University of Illinois, Chicago, Urbana	99	\$24,178,517	11	138	96	\$1,111,335,000
UW-Madison/WARF	20	\$2,368,556	6	142	25	\$496,169,000
Virginia Tech Intellectual Properties, Inc	43	\$8,405,927	2	205	64	\$536,200,000

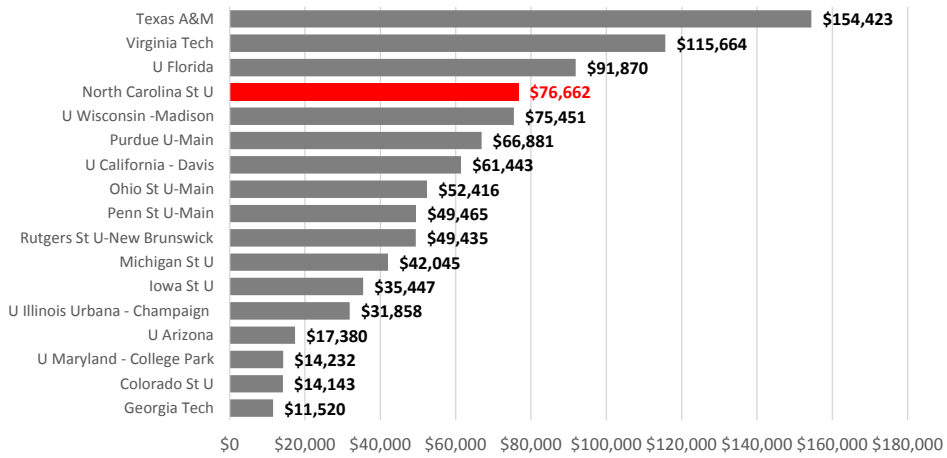
R&D Expenditures for NC State, 2004-2013 (dollars in thousands)

Year	Federal government	State and local government	Institution funds	Business	All R&D Expenditures
2004	\$13,585	\$86,492	\$59,199	\$40,734	\$292,720
2005	\$109,128	\$92,125	\$59,782	\$38,710	\$302,596
2006	\$131,262	\$86,543	\$67,784	\$41,959	\$330,936
2007	\$131,056	\$88,606	\$70,022	\$41,585	\$333,027
2008	\$131,412	\$113,385	\$79,840	\$41,311	\$367,422
2009	\$135,318	\$115,825	\$88,607	\$40,531	\$383,193
2010	\$139,096	\$98,382	\$81,667	\$37,097	\$360,795
2011	\$155,293	\$95,505	\$82,621	\$40,750	\$378,154
2012	\$174,758	\$78,766	\$101,161	\$44,032	\$404,225
2013	\$177,118	\$76,662	\$110,943	\$46,415	\$417,468

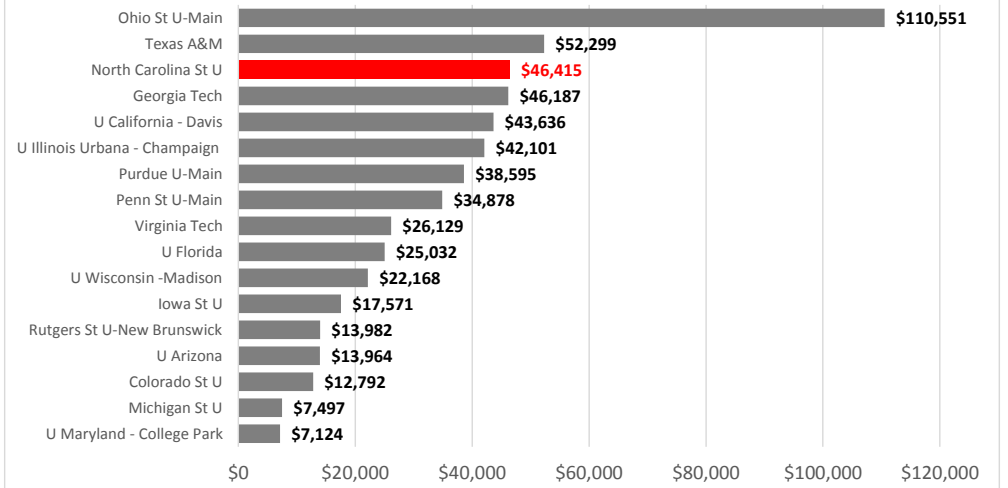
Source: National Science Foundation Higher Education Research and Development Survey (HERD), FY 2013, Association of University Technology Managers FY2013



State & Local Research & Development Expenditures (Dollars in Thousands)



Business Research & Development Expenditures (Dollars in Thousands)



Institutional Research & Development Expenditures (Dollars in Thousands)

