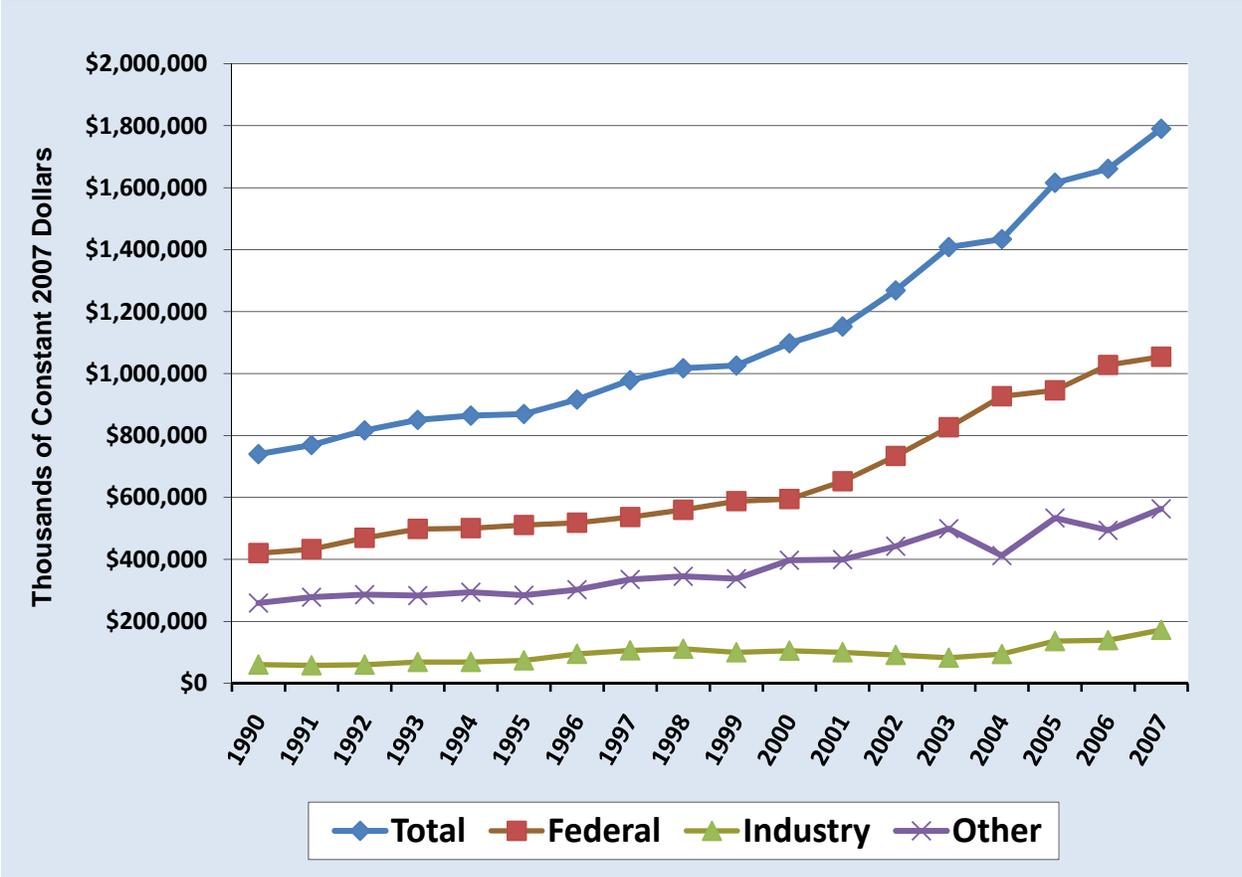


**Research Expenditures for Ohio's Public and Private Institutions,  
FY 1990 to FY 2007, Converted to Constant 2007 Dollars**



- From 1990 to 2007 total research expenditures at Ohio’s universities increased by 142%, from \$740 million in 1990 to \$1.79 billion in 2007.
- Federally-financed research represented 59% of total research expenditures in 2007.
- Industry-financed research increased by the largest percentage, a 185% increase, from \$60.5 million in 1990 to \$172.6 million in 2007. Federally financed research increased by 151% while other sources of research expenditures (state, institution, and other) increased by 117%.

**Research Expenditures at Ohio Public and Private Universities**  
Fiscal Years 1992 to 2007

Institution	Revenue Source of R&D Expenditures	Thousands of Constant 2007 Dollars			
		1992	1997	2002	2007
<b>Public Institutions</b>					
Bowling Green State University	Federal	\$2,210	\$3,130	\$3,242	\$6,299
	Industry	\$319	\$180	\$68	\$239
	Other	\$2,538	\$1,241	\$2,795	\$2,582
	<b>Total R&amp;D Expenditures</b>	<b>\$5,068</b>	<b>\$4,552</b>	<b>\$6,104</b>	<b>\$9,120</b>
Central State University	Federal	\$1,374	\$1,482	\$918	\$2,263
	Industry	\$90	\$224	\$50	\$16
	Other	\$1,034	\$590	\$139	\$41
	<b>Total R&amp;D Expenditures</b>	<b>\$2,499</b>	<b>\$2,295</b>	<b>\$1,107</b>	<b>\$2,320</b>
Cleveland State University	Federal	\$7,450	\$4,611	\$5,327	\$5,097
	Industry	\$894	\$1,659	\$2,002	\$392
	Other	\$7,819	\$7,717	\$8,547	\$10,459
	<b>Total R&amp;D Expenditures</b>	<b>\$16,163</b>	<b>\$13,987</b>	<b>\$15,876</b>	<b>\$15,948</b>
Kent State University	Federal	\$8,579	\$9,737	\$10,802	\$9,801
	Industry	\$139	\$1,181	\$1,275	\$1,332
	Other	\$8,503	\$3,782	\$2,668	\$7,868
	<b>Total R&amp;D Expenditures</b>	<b>\$17,221</b>	<b>\$14,700</b>	<b>\$14,745</b>	<b>\$19,001</b>
Miami University	Federal	\$2,834	\$3,696	\$4,608	\$8,964
	Industry	\$824	\$924	\$925	\$390
	Other	\$2,210	\$7,773	\$9,684	\$14,375
	<b>Total R&amp;D Expenditures</b>	<b>\$5,869</b>	<b>\$12,393</b>	<b>\$15,216</b>	<b>\$23,729</b>
Northeastern Ohio Universities College of Medicine	Federal	\$1,383	\$1,966	\$2,144	\$2,777
	Industry	\$43	\$177	\$133	\$49
	Other	\$1,155	\$1,699	\$2,908	\$2,158
	<b>Total R&amp;D Expenditures</b>	<b>\$2,581</b>	<b>\$3,842</b>	<b>\$5,185</b>	<b>\$4,984</b>
Ohio State University	Federal	\$144,713	\$157,528	\$203,837	\$313,242
	Industry	\$20,677	\$47,143	\$58,596	\$142,177
	Other	\$134,986	\$166,846	\$233,041	\$264,787
	<b>Total R&amp;D Expenditures</b>	<b>\$300,376</b>	<b>\$371,518</b>	<b>\$495,474</b>	<b>\$720,206</b>
Ohio University	Federal	\$7,175	\$12,581	\$20,256	\$18,605
	Industry	\$2,629	\$2,740	\$3,127	\$2,853
	Other	\$12,081	\$11,676	\$18,558	\$17,213
	<b>Total R&amp;D Expenditures</b>	<b>\$21,884</b>	<b>\$26,997</b>	<b>\$41,941</b>	<b>\$38,671</b>
University of Akron	Federal	\$6,269	\$6,613	\$10,928	\$11,210
	Industry	\$6,940	\$4,383	\$2,943	\$3,239
	Other	\$8,695	\$12,134	\$18,306	\$12,689
	<b>Total R&amp;D Expenditures</b>	<b>\$21,905</b>	<b>\$23,130</b>	<b>\$32,177</b>	<b>\$27,138</b>
University of Cincinnati	Federal	\$83,298	\$100,612	\$172,076	\$253,833
	Industry	\$6,922	\$29,437	\$5,213	\$5,554
	Other	\$43,173	\$51,924	\$70,974	\$116,465
	<b>Total R&amp;D Expenditures</b>	<b>\$133,393</b>	<b>\$181,973</b>	<b>\$248,262</b>	<b>\$375,852</b>

Institution	Revenue Source of R&D Expenditures	Thousands of Constant 2007 Dollars			
		1992	1997	2002	2007
University of Toledo	Federal	\$15,348	\$16,324	\$24,066	\$31,863
	Industry	\$3,633	\$2,183	\$2,598	\$2,157
	Other	\$7,899	\$10,019	\$21,309	\$18,428
	Total R&D Expenditures	\$26,880	\$28,526	\$47,973	\$52,448
Wright State University	Federal	\$12,788	\$12,852	\$18,415	\$22,229
	Industry	\$578	\$1,811	\$4,368	\$3,990
	Other	\$11,447	\$7,558	\$12,697	\$23,494
	Total R&D Expenditures	\$24,813	\$22,220	\$35,479	\$49,713
Youngstown State University	Federal	\$151	\$542	\$917	\$464
	Industry	\$30	\$149	\$111	\$56
	Other	\$98	\$275	\$415	\$91
	Total R&D Expenditures	\$278	\$966	\$1,443	\$611
Public Institution Total	Federal	\$293,572	\$331,675	\$477,536	\$686,647
	Industry	\$43,718	\$92,192	\$81,408	\$162,444
	Other	\$241,640	\$283,234	\$402,040	\$490,650
	Total R&D Expenditures	\$578,931	\$707,101	\$960,984	\$1,339,741
<b>Private Institutions</b>					
Case Western Reserve University	Federal	\$123,210	\$155,485	\$208,426	\$304,742
	Industry	\$10,123	\$7,276	\$6,365	\$5,772
	Other	\$41,598	\$45,198	\$36,209	\$61,860
	Total R&D Expenditures	\$174,931	\$207,959	\$251,001	\$372,374
College of Wooster	Federal	\$201	\$197	\$325	\$219
	Industry	\$35	\$80	\$72	\$0
	Other	\$15	\$5	\$17	\$725
	Total R&D Expenditures	\$251	\$281	\$415	\$944
Denison University	Federal	\$225	\$247	\$210	\$156
	Industry	\$0	\$0	\$0	\$85
	Other	\$405	\$203	\$218	\$80
	Total R&D Expenditures	\$629	\$450	\$427	\$321
John Carroll University	Federal	\$423	\$1,059	\$560	\$293
	Industry	\$35	\$8	\$23	\$5
	Other	\$229	\$84	\$360	\$0
	Total R&D Expenditures	\$687	\$1,150	\$943	\$298
Kenyon College	Federal		\$130		
	Industry		\$0		
	Other		\$68		
	Total R&D Expenditures		\$198		
Oberlin College	Federal	\$337	\$659	\$465	\$639
	Industry	\$0	\$0	\$38	\$112
	Other	\$0	\$0	\$0	\$22
	Total R&D Expenditures	\$337	\$659	\$503	\$773
Ohio Wesleyan University	Federal		\$437	\$233	\$263
	Industry		\$0	\$0	\$0
	Other		\$359	\$93	\$113
	Total R&D Expenditures		\$795	\$325	\$376

Institution	Revenue Source of R&D Expenditures	Thousands of Constant 2007 Dollars			
		1992	1997	2002	2007
Union Institute	Federal		\$0		
	Industry		\$0		
	Other		\$1,316		
	Total R&D Expenditures		\$1,316		
University of Dayton	Federal	\$51,607	\$46,515	\$46,055	\$60,089
	Industry	\$6,364	\$7,121	\$3,847	\$4,170
	Other	\$2,623	\$4,755	\$3,445	\$9,746
	Total R&D Expenditures	\$60,594	\$58,390	\$53,346	\$74,005
University of Findlay	Federal			\$115	
	Industry			\$0	
	Other			\$172	
	Total R&D Expenditures			\$286	
Wilberforce University	Federal		\$303	\$128	\$1,360
	Industry		\$0	\$0	\$45
	Other		\$57	\$9	\$0
	Total R&D Expenditures		\$360	\$138	\$1,405
Xavier University	Federal	\$0			
	Industry	\$1			
	Other	\$0			
	Total R&D Expenditures	\$1			
Private Institution Total	Federal	\$176,131	\$205,031	\$256,517	\$367,761
	Industry	\$16,559	\$14,484	\$10,345	\$10,189
	Other	\$44,877	\$52,043	\$40,523	\$72,546
	Total R&D Expenditures	\$237,566	\$271,559	\$307,385	\$450,496

Source: National Science Foundation