

Table 6-1
Business enterprise research and development current intramural expenditures — By industry

	2011 ^r	2012 ^r	2013 ^p	2014 ^p	2015 ^p
	millions of dollars				
Total all industries	15,801^A	15,224^A	14,784^A	14,508^A	14,185^A
Agriculture, forestry, fishing and hunting	109^A	90^A	79^A	82^B	80^B
Agriculture	85 ^A	79 ^A	69 ^A	72 ^B	71 ^B
Forestry, logging and support activities for forestry	x	5 ^A	x	5 ^D	x
Fishing, hunting, trapping and animal aquaculture	x	6 ^A	x	5 ^B	x
Mining, quarrying, and oil and gas extraction	1,175^A	1,012^A	1,083^A	952^B	916^B
Oil and gas extraction, contract drilling and related services	1,038 ^A	863 ^A	897 ^A	798 ^A	773 ^A
Mining and quarrying, contract drilling and related support activities	137 ^A	149 ^A	186 ^A	155 ^D	143 ^E
Utilities	x	199^A	206^A	190^A	x
Electric power generation, transmission and distribution	x	x	x	x	x
Other utilities	33 ^A	x	x	x	21 ^C
Construction	x	93^A	65^A	74^C	x
Manufacturing	6,967^A	6,703^A	6,406^A	6,253^A	5,966^A
Food manufacturing	152 ^A	135 ^A	124 ^A	136 ^A	134 ^A
Beverage and tobacco product manufacturing	13 ^A	x	x	x	x
Textile mills and textile product mills	x	30 ^A	26 ^A	29 ^B	28 ^B
Wood product manufacturing	87 ^A	x	x	x	x
Paper manufacturing	148 ^A	129 ^A	134 ^A	x	131 ^C
Printing and related support activities	45 ^A	42 ^A	42 ^A	44 ^A	45 ^B
Petroleum and coal products manufacturing	x	x	60 ^A	x	x
Pharmaceutical and medicine manufacturing	496 ^A	428 ^A	391 ^A	418 ^A	426 ^A
Other chemicals manufacturing	300 ^A	199 ^A	169 ^A	173 ^C	179 ^C
Plastic product manufacturing	142 ^A	126 ^A	109 ^A	112 ^A	117 ^A
Rubber product manufacturing	19 ^A	21 ^A	19 ^A	18 ^B	16 ^C
Non-metallic mineral product manufacturing	75 ^A	63 ^A	58 ^A	57 ^B	59 ^A
Primary metal (ferrous) manufacturing	46 ^A	43 ^A	x	34 ^E	34 ^B
Primary metal (non-ferrous) manufacturing	167 ^A	x	x	99 ^B	x
Fabricated metal product manufacturing	205 ^A	180 ^A	169 ^A	184 ^B	180 ^B
Machinery manufacturing	624 ^A	576 ^A	541 ^A	514 ^B	508 ^B
Computer and peripheral equipment manufacturing	49 ^A	54 ^A	58 ^A	59 ^B	61 ^A
Communications equipment manufacturing	1,332 ^A	1,401 ^A	1,258 ^A	x	785 ^A
Semiconductor and other electronic component manufacturing	502 ^A	469 ^A	436 ^A	427 ^A	412 ^A
Navigational, measuring, medical and control instrument manufacturing	360 ^A	393 ^A	345 ^A	368 ^A	362 ^A
Other computer and electronic products manufacturing	25 ^A	30 ^A	29 ^A	28 ^D	30 ^E
Electrical equipment, appliance and component manufacturing	138 ^A	136 ^A	143 ^A	152 ^B	159 ^A
Motor vehicle and parts manufacturing	249 ^A	217 ^A	199 ^A	233 ^A	239 ^B
Aerospace products and parts manufacturing	x	x	x	x	x
All other transportation equipment manufacturing	184 ^A	141 ^A	142 ^A	142 ^A	141 ^D
Furniture and related product manufacturing	36 ^A	29 ^A	22 ^A	22 ^B	21 ^C
Other manufacturing industries	192 ^A	201 ^A	153 ^A	170 ^B	162 ^C
Services	7,236^A	7,127^A	6,945^A	6,957^A	6,950^A
Wholesale trade	1,344 ^A	1,429 ^A	1,299 ^A	1,322 ^A	1,316 ^B
Retail trade	73 ^A	63 ^A	x	x	59 ^C
Transportation and warehousing	57 ^A	62 ^A	x	70 ^B	70 ^B
Information and cultural industries	1,067 ^A	1,175 ^A	1,123 ^A	1,125 ^A	1,154 ^A
Finance, insurance and real estate	233 ^A	231 ^A	244 ^A	x	205 ^C
Architectural, engineering and related services	465 ^A	476 ^A	413 ^A	379 ^A	364 ^A
Computer systems design and related services	1,476 ^A	1,299 ^A	1,346 ^A	1,372 ^A	1,362 ^A
Management, scientific and technical consulting services	88 ^A	81 ^A	77 ^A	F	82 ^B
Scientific research and development services	1,946 ^A	1,827 ^A	1,758 ^A	1,749 ^A	1,748 ^A
Health care and social assistance	89 ^A	83 ^A	85 ^A	94 ^B	90 ^C
All other services	398 ^A	400 ^A	472 ^A	492 ^A	498 ^A

Note(s): Components may not add to totals due to rounding.