

The relative contributions of the different sources of funds for intramural research and development changed from 1959 to 1961. The proportion of research funds provided by the performing companies themselves increased again in 1961, while research and development funds from government sources continued to decline. Research contracts given to firms by other companies were measured separately in 1961, and were found to account for almost 5 p.c. of all intramural expenditures. The electrical products and the transportation equipment industries received the largest amounts of external funds from all sources, such funds amounting to 51.8 p.c. and 38.4 p.c., respectively, of their total intramural expenditures on research and development.

**5.—Sources of Funds for Intramural Research and Development,  
by Industry, 1959 and 1961**

Industry and Year	Reporting Company	Parent, Affiliated or Subsidiary Companies	Government Funds	Contract Work for Other Companies	Other	Total	
	\$	\$	\$	\$	\$	\$	
Mining, quarrying and oil wells.....	1959	4,817,385	27,000	—	—	62,644	4,907,029
	1961	5,266,827	521,536	35,000	822,204	82,000	6,727,567
Manufacturing— Foods and beverages.....	1959	1,588,587	205,039	—	—	—	1,793,626
	1961	2,444,402	340,100	—	—	—	2,784,502
Rubber products.....	1959	956,388	262,777	—	—	—	1,219,165
	1961	1,367,055	—	4,700	—	—	1,371,755
Textile products.....	1959	1,363,769	32,000	—	—	—	1,395,769
	1961	1,037,633	20,000	—	—	—	1,057,633
Wood products.....	1959	102,081	—	—	—	—	102,081
	1961	60,338	750	—	—	—	61,088
Furniture and fixtures.....	1959	27,500	—	—	—	—	27,500
	1961	116,800	—	—	—	—	116,800
Paper and allied industries.....	1959	4,463,779	868,918	22,294	—	1,216,962	6,571,953
	1961	4,443,637	863,219	35,200	190,991	1,470,000	7,003,047
Primary metal.....	1959	3,085,863	3,467,217	59,520	—	13,928	6,626,528
	1961	5,040,118	2,440,000	—	—	8,000	7,488,118
Metal fabricating.....	1959	1,683,446	19,561	21,900	—	—	1,724,907
	1961	2,101,195	2,700	78,585	—	—	2,182,490
Machinery.....	1959	3,121,907	—	—	—	—	3,121,907
	1961	4,778,258	36,480	—	—	—	4,814,738
Transportation equipment.....	1959	11,506,473	100,000	13,964,249	—	—	25,570,722
	1961	12,237,694	111,900	6,777,229	529,838	200,000	19,856,661
Electrical products.....	1959	8,745,939	752,146	6,386,856	—	18,124	15,903,065
	1961	10,478,918	239,720	9,465,281	1,561,100	—	21,745,019
Non-metallic mineral products.....	1959	676,060	677,770	—	—	—	1,353,830
	1961	1,321,936	36,000	—	—	—	1,357,936
Petroleum and coal products.....	1959	1,939,719	1,821,981	—	—	—	3,761,700
	1961	3,178,500	1,783,000	—	77,000	—	5,038,500
Chemicals and chemical products.....	1959	13,556,529	495,811	17,396	—	63,560	14,133,296
	1961	19,305,358	767,364	178,739	—	—	20,251,461
Other manufacturing (incl. tobacco and tobacco products, leather products, clothing and knitting mills, and miscellaneous).....	1959	2,127,528	286,307	342,135	—	248,408	3,004,378
	1961	2,452,244	42,000	1,470,281	1,230,300	—	5,194,825
Transportation, storage, communication and other utilities.....	1959	2,779,440	—	—	—	—	2,779,440
	1961	3,012,796	—	—	90,000	—	3,102,796