

Section 6.—Federal Government Expenditures on Scientific Activities

Information on the expenditures of the Federal Government for scientific activities is provided by annual surveys carried out by the DBS. Each survey covers the actual costs of the preceding fiscal year and the estimated expenditures of the current year on the scientific programs of the reporting departments and agencies. At present, only activities in the physical and life sciences are included, although eventually the surveys will be expanded to include the social sciences. For survey purposes, "scientific activities" consist of research and development, scientific data collection, scientific information, testing and standardization and scientific scholarships. Data are also collected on capital expenditures on plant for scientific activities and on personnel employed in research and development.

The total amount spent by the Federal Government in support of scientific activities has increased substantially during the period shown in Table 7; annual increases in operating costs and grants or contracts were approximately 8 p.c., 23 p.c. and 14 p.c. The conduct of research and development, which includes intramural activities and contracts to other organizations, is the largest individual activity; its costs account for approximately 65 p.c. of all current costs. All research and development financed by the Federal Government represents about 80 p.c. of current expenditures on scientific activities.

7.—Summary Statistics of Federal Government Expenditures on Scientific Activities, Years Ended Mar. 31, 1964-67

Activity and Department or Agency	1963-64 ^r	1964-65 ^r	1965-66 ^r	1966-67 ¹
	\$'000,000	\$'000,000	\$'000,000	\$'000,000
Scientific Activity—				
Conduct of research and development.....	179.8	192.4	234.1	262.4
Grants-in-aid of research.....	26.8	36.1	48.9	66.0
Capital expenditures on plant for scientific activities.....	37.3	50.3	55.0	60.4
Scientific data collection.....	22.8	24.0	27.2	30.8
Scientific information.....	12.7	13.0	15.4	18.4
Testing and standardization.....	17.4	14.4	17.7	19.0
Scholarship and fellowship programs.....	2.9	3.8	4.3	5.9
Totals, Scientific Activities.....	299.7	333.9	402.6	462.9
Department or Agency—				
Agriculture.....	30.6	33.4	36.8	41.2
Atomic Energy (incl. Atomic Energy Control Board and Atomic Energy of Canada Limited).....	46.5	54.3	56.5	63.3
Energy, Mines and Resources.....	42.3	43.6	53.0	67.0
National Research Council (incl. Medical Research Council).....	52.5	60.8	79.7	102.4
National Defence—				
Armed Forces.....	31.7	30.7	45.6	44.2
Defence Research Board.....	38.5	39.2	43.6	45.3
Others.....	57.6	71.9	87.4	99.5
Totals, Departments and Agencies.....	299.7	333.9	402.6	462.9

¹ Forecast.