

Tables

. . . not available
 . . . not appropriate or not applicable
 — nil or zero
 -- too small to be expressed

e estimate
 p preliminary
 r revised
 certain tables may not add due to rounding

9.1 Employment of scientists and engineers in R&D, ranked by industry, 1971

Rank	Industry	No.	%
1	Electrical products	2,037	26
2	Other chemical products	853	11
3	Aircraft and parts	620	8
4	Primary metals (non-ferrous)	568	7
5	Drugs and medicines	411	5
6	Paper	389	5
7	Machinery	346	5
8	Transportation and other utilities	297	4
9	Food and beverages	272	4
10	Petroleum products	255	3
	Other industries	1,663	22
	All industries	7,711	100

9.2 R&D scientists and engineers per 1,000 employees, ranked by industry, 1971

Rank	Industry	Rate
1	Aircraft and parts	42
2	Scientific and professional instruments	39
3	Drugs and medicines	38
4	Other non-manufacturing	35
5	Electrical products	21
6	Other chemical products	15
7	Machinery	9
8	Rubber	8
9	Mines	7
10	Gas and oil wells	7
	All industries	7

9.3 Current expenditure on R&D in Canada, by sector of performance and source of funds, 1970 (million dollars)

Source of funds	Business enterprise	General government	Higher education and private non-profit	Total
Business enterprise	270	3	--	273
General government	54	327	90	471
Private non-profit	--	--	9	9
Higher education	--	--	85	85
Foreign	24	1	2	27
Total	348	331	186	865

9.4 Federal government expenditure on the natural sciences, years ended Mar. 31, 1972 and 1973 (million dollars)

Activity and department or agency	1971-72 ^r	1972-73 ^p
SCIENTIFIC ACTIVITY		
Research and development	508.9	563.8
Scientific data collection	96.1	116.0
Scientific information	37.1	42.3
Testing and standardization	37.8	40.5
Feasibility studies	7.8	9.2
Scholarship programs	14.1	14.1
Capital expenditure	98.5	94.7
Total	800.2	880.5
DEPARTMENT OR AGENCY		
Agriculture	59.6	69.9
Atomic Energy of Canada Limited	66.4	68.1
Energy, Mines and Resources	57.9	59.8
Environment	175.7	204.6
Industry, Trade and Commerce	89.3	100.4
National Defence	85.2	87.4
National Research Council	134.0	143.3
Other departments and agencies	132.1	147.0