AVERAGE ANNUAL GROWTH OF OUTPUT (VOLUME) (1970-1980) - per cent

Electronics Computers	8.1 7.5	Electrical Food	2.5 2.3	Oil refining Wood/cark/	1.7
				furniture/	1.5
Orugs	6.8	Shippuilding	2,4	Ferrous metais	1.4
Automobiles	5.7	Other manuf.		Non ferrous	
		industry	2.3	metais	1.3
Chemicals	5.0	Paper/printing	2.1	Manut. of	
		-		metal	1.3
Instruments	4,9	Stone/clay/		Textiles, footwear/	
		giass	2.0	leather	0.8
Rubbar/plastics	4.3	-			

Of the seven industries in the high-growth category, four are high research-intensive, and three are medium research-intensive. Moreover of the three latter industries, it is noteworthy that two are "on the border" between medium and high research. This indicates that the higher researchintensive industries are providing, throughout the developed world, a principal thrust of economic growth.

As well, high research industries have increased their share of employment over time;

EMPLOYMENT WEIGHTS OF HIGH, MEDIUM AND LOW R&D INTENSITY IN MANUFACTURING INDUSTRIES

Country	Higt Intens 1970 1975	ity	l in	ledium tensity 1975i 1982	1	Low Intensity 1970 1975 1982		
United States	18.4 18.4	121.8°	32.0	31.0 32.9	49.2	50.5 45.5		
Jacan	16.7 16.0	1.82	33.3	32.0 33.3°	50.1	52.0 48.5		
Germany	16.3 16.6	1,75	33.0	34.2 39.8	50.7	49.2 42.7		
France	13.6	14.1	;	35.2 36.2	_	51.2 49.7		
United Kingdom	16.8 17.2	19.9	30.8	31.8 33.9	52.4	51.0 46.2		
Italy	- 13.7	13.50	i —	30.0 32.9	-	56.3 53.6		
Canada	13.0 11.9	12.94	24.1	24.5 24.7	62.9	63.6 62.4		
Australia	- 12.9	12.90	-	22.5 22.6	-	64.6 64.5		
Sweden	13.8 14.5	15.70	28.6	20.4 31.30	57.6	55.8 53.0		

* Not involving aerospace industry

° 1980

¢ 1981

d Secretariat estimate

However, Canada shows a relatively poor employment record in high research-intensive industries: we have fewer high research-intensive industries in the first place and spend relatively less on RGD generally.