

(2.3) Personnel Policies

a) What steps are taken to identify and hire those members of university graduating classes who will be the most effective researchers for your organization.

b) Have any unique criteria been developed (or any research initiated to develop criteria) to help identify those who will be creative and effective researchers.

c) What steps are taken to identify those members of the staff with high potentiality as research administrators.

d) What distinctions are made between administrators of research and researchers as such; for example, regarding promotion, salaries, etc.

e) What is the policy regarding intramural and extramural education for staff members conducting or administering research.

2.4) Distribution of activities

Some agencies expend funds on scientific activities in many regions of Canada. These are requested to give information and advice regarding the following:

a) The regional pattern of agency's spending (intramural and extramural) on scientific activities (e.g. by province).

b) The regions, if any, particularly suited for certain scientific activities.

c) Activities carried out, on an annual basis during the last five years, to assist in the investigation of regional problems of phenomena.

d) The role of your agency in contributing to regional development.

e) In your experience, the cost and benefits of regional distribution of your scientific activities and the necessary conditions for this distribution to contribute to regional development.

2.5 Personnel associated with scientific activities

Note that the following information is required for each of the units conducting scientific activities mentioned in Section 2.1) c).

a) Current personnel establishment and people on strength by category of personnel. (Indicate the number of guest workers, staff-on-loan, post-doctorate fellows, etc.)

b) Number of above professional staff devoting most of their time to administrative duties.

c) Tabulated information regarding professional staff associated with scientific activities (divided into three categories according to degree level—i.e. bachelor, master, doctorate).

i) Country of birth

ii) Country in which secondary education taken

iii) Country in which university degree taken (bachelor, master, doctorate)

iv) Number of working years since graduation and number of years employed in present organization

v) Average age

vi) Percentage able to operate effectively in Canada's two official languages

d) Total number of professional staff in each degree category for each of the years 1962 to 1968 inclusive and estimates for each of the years 1969 to 1973.

e) Percentage of turnover of professional staff in the three degree categories for each of the years 1962 to 1967.

f) Percentage of current professional personnel who, since graduation, (i) have been employed by industry at one time, (ii) have been on the staff of universities, (iii) provincial departments or agencies, or (iv) other Federal agencies.

g) Number of staff in each degree category on education leave.

h) Number of university students given summer employment in the field of scientific activities for the years 1962 to 1967.

2.6) Expenditures associated with scientific activities

Where appropriate, please use definitions given in Appendix B.

a) Total funds spent by agency on scientific activities broken down into the following categories:

Functions: (1) intramural R&D, (2) data collection, (3) scientific information, (4) testing and standardization, (5) support of R&D in industry, (6) support of R&D in universities, (7) support of higher education in engineering and science. Give Primary function (if applicable).

Scientific discipline: (1) engineering and technology, (2) natural sciences: (a) agricultural sciences, (b) astronomy, (c) atmospheric sciences, (d) biological