Other federal instructional programs. The Public Service Commission provides federal public servants with refresher and upgrading courses, study grants, career development opportunities, and language training. The department of the solicitorgeneral has an educational program for inmates of federal penal institutions. Full- and part-time instruction is offered in vocational and academic subjects, sometimes with credit given by provincial authorities. A day-parole system allows some prisoners to attend secondary schools, colleges and universities. The Canadian International Development Agency (CIDA) operates and administers a technical assistance program in developing countries.

Indirect participation

The growth of education, both in size and importance, made it almost inevitable that the federal government would play some role in its development even though the BNA Act restricts direct participation. Many departments have educational functions, but they tend to take a financial form. Grants for post-secondary and minority language education and sponsorship of manpower training programs have already been noted. A number of other federal bodies make significant contributions.

Department of the Secretary of State. In 1963 the education support branch of the secretary of state department was established to advise the cabinet on post-secondary education. In 1967 it became responsible for administering those parts of the Federal-Provincial Fiscal Arrangements Act related to post-secondary finance. By 1973 the branch's authority had been enlarged to include the development, formulation, implementation and review of all federal policies and programs on education. This entailed communications, and co-operation with the external affairs department to co-ordinate Canada's international efforts.

In addition to administering post-secondary adjustment payments, the branch took over the student loans plan from the finance department in December 1977. Students had received direct aid since 1939. However, not until 1964 was a comprehensive scheme adopted to assist those whose financial circumstances would prevent them from carrying on full-time post-secondary studies.

Under the plan the government guarantees loans made by chartered banks and other designated lenders to students on the basis of certificates of eligibility issued by participating provinces. The federal government carries the cost of interest payments on these loans while students continue full-time studies and for six months after. There is no age limit for borrowing. All provinces participate except Quebec, which has its own student assistance scheme. Since July 1975 the maximum loan per academic year has been \$1,800 or \$900 per semester to a total of \$9,800. The repayment period may extend up to 10 years from the time a borrower leaves the educational institution. The act provides for basic allocations to each province and also supplementary allocations to compensate for differences in relative demand based on provincial populations between the ages of 18 and 24.

The revenue department has given students further financial aid. Since 1961 they have been permitted deduction of tuition costs from taxable incomes and since 1972 education expenses up to \$50 a month have also been deductible.

Health Resources Fund Act. In 1966 the federal government inaugurated a program of financial support to the provinces to provide facilities for training professional health services personnel. The Health Resources Fund Act (1970), administered by the health and welfare department, authorized establishment of a fund to be used for training or research facilities. Up to 50% of the cost of projects approved by an advisory committee is paid to the provinces. A total of \$500 million was to be applied to costs incurred between 1966 and 1980.

Research support programs. The federal government operates a number of programs to promote research in the physical and natural sciences, social sciences, arts and humanities. The main channels for this support are the Natural Sciences and Engineering Research Council, the Medical Research Council and the Social Sciences