

of scheduled foreign airlines. The data for Canadian airlines refer to both domestic and international operations. Figures for the scheduled foreign airlines pertain only to the hours and distance flown over Canadian territory, excluding passengers and goods in transit through Canada. Table 15.29 contains comparative data for domestic and international traffic in 1976 and 1977.

15.6 Urban transportation

Almost 60% of all transportation activity in Canada is in urban areas, where 75% of the population lives. About 80% of all urban travel is by private automobile. Adverse public reaction to further road building and concern over energy, air pollution and congestion generated by private cars led to new emphasis on public transit, including buses, subways and streetcars.

Although provincial and municipal governments have prime responsibility for urban transportation, the federal government has taken some initiatives in the urban transit field. Transport Canada, in an urban research program to develop improvements to traffic management and public transport, has demonstrated dial-a-bus, automatic vehicle monitoring equipment for buses, and advanced traffic signal systems. A federal Urban Transportation Assistance Program (UTAP) provides the provinces with funds but does not specify their use. To date, projects selected by the provinces are grade separations, bus and equipment purchases, provision of bus shelters, bus maintenance, garages and transportation planning projects.

Demand for adequate transport facilities in urban areas has placed a heavy financial burden on municipalities. Formerly, provincial cost-sharing programs which assisted in meeting the capital and operating costs of transportation systems in urban areas were strongly oriented to freeways and roads. Several provinces are now shifting the emphasis from highway construction toward transit planning and construction.

Newfoundland does not have a program related to urban transportation problems but has improved access to, from and across St. John's. The St. John's harbour arterial road was completed in 1979 and work on a cross-town arterial road, started in 1977, is continuing. The city is served by a bus system subsidized by the provincial government at \$4 per capita of the city population. The province has signed an agreement with the federal government related to future urban transportation requirements.

Nova Scotia. A number of long-term improvements in urban transportation, effective in 1979, resulted from local initiatives and government assistance. Regional transit agencies have been established in the three major urban areas: Halifax-Dartmouth, Sydney-industrial Cape Breton and New Glasgow-Pictou County. Improvements in transit fleets and services are expected over the next few years. Halifax-Dartmouth has experienced major progress in public transportation through launching improved cross-harbour passenger ferries, starting construction on a \$7 million bus maintenance facility and introducing transit service to the suburban growth area of Bedford-Sackville.

Provincially the existing transit assistance policy was expanded in 1979 to improve public transit to assist disabled persons. Such services, using wheelchair vans primarily, are available in Sydney and Truro.

New Brunswick. The NB six cities public transit study, completed in 1976 for Saint John, Moncton, Fredericton, Bathurst, Edmundston and Campbellton, was used as a basis for discussion with the six cities when the federal urban transportation assistance program was announced in 1978. The federal program contributes up to 80% of approved capital projects, the province another 10% and the cities contribute the remainder. Under this capital program it was expected nearly \$6 million would be allocated to improve transit services in Saint John, Moncton and Fredericton prior to April 1, 1983.

Quebec is developing an integrated public transit policy. In a program to encourage public transit as an alternative to individual transportation, the Quebec transport department pays the full cost of studies on setting up or improving public transit systems, and subsidizes 30% of acquisition costs to transit corporations for buses