

TRANSPORTATION AND COMMUNICATIONS.  
CANALS.

**Canal Systems.**—There are six canal systems under the control of the Dominion Government in connection with navigable lakes and rivers. They consist of the canals (1) between Port Arthur or Fort William and Montreal; (2) from Montreal to the international boundary near Lake Champlain; (3) from Montreal to Ottawa; (4) from Ottawa to Kingston and Perth; (5) Trenton, Lake Ontario, to Lake Huron (not completed); and (6) the St. Peter's canal from the Atlantic ocean to Bras d'Or Lakes, Cape Breton. The total length of the waterways comprised within these systems is about 1,594 statute miles, the actual mileage of canals constructed being 117.2.

**Canal Traffic.**—For the calendar year 1915, the total volume of traffic through the canals of the Dominion amounted to 15,198,803 tons, as against 37,023,237 tons in 1914, a decrease of 21,824,434 tons, or 58.9 p.c. From Table 35 it will be seen that 91 p.c. of the decrease in 1915 occurred at Sault Ste. Marie. Of the decline of 19,848,227 at that gateway, 1,049,241 tons, or 5.1 p.c., attached to Canadian traffic and 18,798,986 tons, or 94.9 p.c., to American traffic. The decrease in both Canadian and American traffic was largely in the nature of a diversion to the American canal at Sault Ste. Marie, owing to the availability of a new and larger lock on the American side. Of the total tonnage of 15,198,803 in 1915, 6,789,423 tons, or 44.67 p.c., were Canadian and 8,409,380 tons, or 55.33 p.c., were American traffic.

**Expenditure and Revenue for Canals.**—In Table 40 is given the annual expenditure and revenue for canals from the beginning up to the year 1915. The column of expenditure chargeable to capital includes all the items for canals specified, and also certain items which apply to the canals as a whole; but the other columns do not include certain sums which are mostly common to all the canals, as, for instance, in 1915, \$38,924 chargeable to income, \$102,161 for staff, and \$38,075 for repairs. If these items be added, the total expenditure on the Dominion canals for the year ended March 31, 1915, was \$7,314,132, comprising \$5,490,796 charged to capital, \$444,730 charged to income, \$777,932 for staff and \$600,674 for repairs. The total capital expenditure on the canals up to March 31, 1915, was \$112,472,577, which, as shown in Table 41, includes a sum of \$34,967 chargeable to all as apart from any particular canals.

33.—Canal Traffic during the Navigation Season 1915.

Canals.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.	
	Up.	Down.	Up.	Down.	Up.	Down.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Sault Ste. Marie.....	287,474	1,614,502	14,987	582,654	176,083	4,691,580
Welland.....	180,710	1,105,813	242,286	2,519	329,449	156,167
St. Lawrence.....	421,377	1,324,318	401,244	4	42	405
Chambly.....	5,648	6,325	280,218	-	-	-
St. Peter's.....	491	2,404	-	-	-	-
Murray.....	25,696	3,066	-	-	-	-
Ottawa.....	43,883	165,817	-	58,154	-	-
Rideau.....	72,852	41,410	125	-	-	-
Trent.....	13,083	36,821	-	-	-	-
St. Andrew's.....	21,800	182	-	-	-	-
<b>Total.....</b>	<b>1,073,014</b>	<b>4,300,658</b>	<b>938,860</b>	<b>643,331</b>	<b>505,574</b>	<b>4,848,152</b>