

## 14.—St. Lawrence Seaway Traffic classified by Type of Cargo, 1962

(Combined traffic of the Montreal-Lake Ontario Section and the Welland Canal, with duplications eliminated)

Commodity	Cargo Tons	P.C. of Total	Commodity	Cargo Tons	P.C. of Total
<b>Agricultural Products</b> .....	<b>13,598,966</b>	<b>34.3</b>	<b>Forest Products</b> .....	<b>325,060</b>	<b>0.8</b>
Wheat.....	6,102,667	15.4	Pulpwood.....	189,514	0.5
Corn.....	2,517,882	6.4	Other forest products.....	135,546	0.3
Barley.....	1,300,353	3.3	<b>Manufactures and</b>		
Soybeans.....	1,147,329	2.9	<b>Miscellaneous</b> .....	<b>6,596,659</b>	<b>16.6</b>
Oats.....	742,866	1.9	Fuel oil.....	1,831,095	4.6
Rye.....	402,563	1.0	Iron and steel, manufactured....	706,969	1.8
Flaxseed.....	339,981	0.8	Newsprint.....	491,770	1.2
Soybean oil cake and meal.....	254,056	0.6	Scrap iron and steel.....	289,557	0.7
Flour, wheat.....	242,935	0.6	Gasoline.....	274,838	0.7
Beans and peas.....	160,759	0.4	Lubricating oils and greases....	231,653	0.6
Malt.....	62,390	0.2	Food products.....	212,960	0.5
Other agricultural products.....	325,185	0.8	Sugar.....	192,829	0.5
<b>Animal Products</b> .....	<b>315,752</b>	<b>0.8</b>	Chemicals.....	160,298	0.4
Packing house products, edible..	69,177	0.2	Pig iron.....	159,360	0.4
Hides, skins and pelts.....	54,656	0.1	Cement.....	147,976	0.4
Other animal products.....	191,919	0.5	Syrup and molasses.....	138,471	0.4
<b>Mineral Products</b> .....	<b>17,956,914</b>	<b>45.4</b>	Sodium products.....	135,661	0.3
Iron ore.....	10,238,743	25.8	Iron and steel, nails, wire.....	119,966	0.3
Bituminous coal.....	5,417,826	13.7	Petroleum products, other.....	106,313	0.3
Stone, ground or crushed.....	1,023,829	2.6	Tar, pitch and creosote.....	100,378	0.3
Salt.....	272,872	0.7	Rubber, crude, natural, synthetic	93,889	0.2
Coke.....	220,208	0.6	Wood pulp.....	92,875	0.2
Gravel and sand.....	118,374	0.3	Machinery and machines.....	87,928	0.2
Petroleum, crude.....	101,872	0.3	Other manufactures and miscel-		
Clay and bentonite.....	93,219	0.2	laneous.....	1,021,873	2.6
Phosphate rock.....	84,039	0.2	<b>Package Freight</b> .....	<b>852,172</b>	<b>2.1</b>
Sulphur.....	65,506	0.2	Package freight—domestic.....	823,165	2.0
Aluminum ore and concentrates..	52,047	0.1	Package freight—foreign.....	29,007	0.1
Other mineral products.....	268,379	0.7	<b>Totals</b> .....	<b>39,645,523</b>	<b>100.0</b>

On the Montreal-Lake Ontario Section, upbound freight increased 32.1 p.c. in 1962 compared with 1961 but downbound traffic decreased by 3.1 p.c. This increase in upbound traffic was accounted for almost entirely by the volume of iron ore shipped from St. Lawrence ports to Hamilton and Lake Erie. The number of transits were 275 fewer upbound and 266 fewer downbound in 1962 than in 1961, indicating a slight increase in the size of vessel using this portion of the Seaway and in the volume of cargo carried. Bulk cargo comprised 90.2 p.c. of the total traffic through the Section for 1962, the principal commodities through the St. Lawrence canals being iron ore, wheat, corn, fuel oil, bituminous coal and barley. Traffic patterns show that 30.3 p.c. of the total movement was between two Canadian ports, 36.9 p.c. moved between Canadian and United States ports and 32.2 p.c. consisted of foreign trade to and from Canada and the United States.

In the Welland Canal there were 7,615 transits in 1962 with a cargo volume of 10,843,000 tons upbound and 24,563,000 tons downbound; bulk cargo accounted for 94.1 p.c. of the traffic. Although many vessels pass through both the St. Lawrence and the Welland Canals on "through" trips, there is a substantial amount of local traffic between Great Lakes ports which involves only the Welland Canal. These movements are largely iron ore, grain and coal. The Welland Canal traffic was nearly 9,813,000 cargo tons greater than that reported for the Montreal-Lake Ontario Section.

Income of the St. Lawrence Seaway Authority for 1962 amounted to \$10,691,922, comprising toll revenue of \$8,914,380 assessed for transits through the Seaway locks between Montreal and Lake Ontario, \$641,261 for transits through the Welland Canal to July 1 when tolls were suspended, together with sundry revenues (rentals, wharfage,