



The Great Lakes St. Lawrence Seaway System

Seaway Overview Presentation

for the

Erie Economic Development Corporation

January 2012



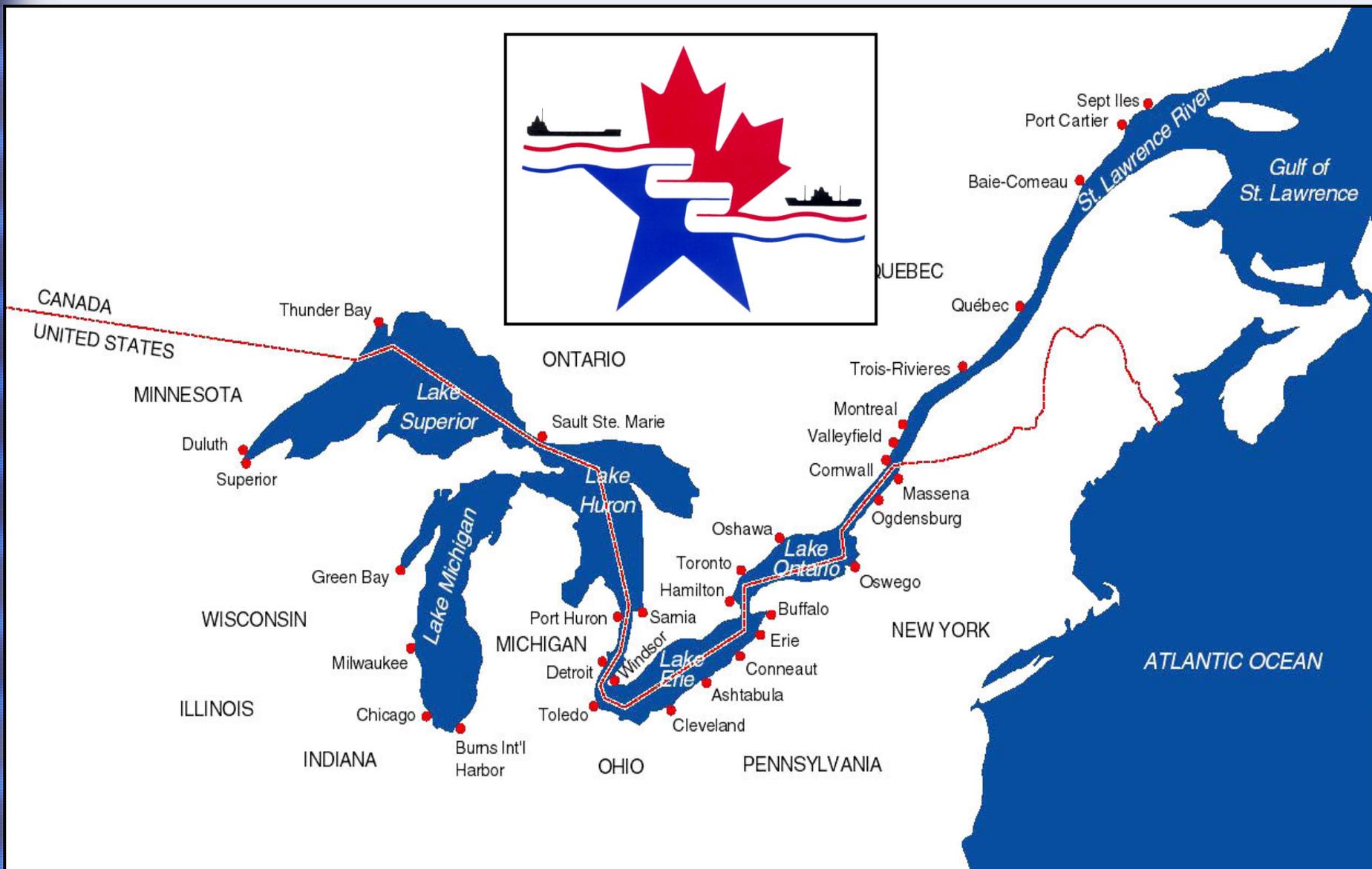


St. Lawrence Seaway Development Corporation

- **The Saint Lawrence Seaway Development Corporation (SLSDC) is a wholly owned Government Corporation and an operating Administration of the U.S. Department of Transportation**
- **Responsible for the operations and maintenance of the U.S. portion of the St. Lawrence Seaway between Montreal and Lake Erie**
 - **Maintaining & Operating two U.S. Seaway Locks**
 - **Vessel traffic control**
 - **Trade Development**
- **The SLSDC has two locations**
 - **Washington DC, 13 employees**
 - **Massena NY, 135 employees**
- **Binational relationship with the St. Lawrence Seaway Management Corporation, (SLSMC) in Canada**



The Great Lakes St. Lawrence Seaway System





Profile of the Seaway

- **Great Lakes Seaway System is 2,342 miles long and borders two countries, eight U.S. states and two Canadian provinces.**
- **Home to one-quarter of North America's population.**
- **Produces 70 percent of total U.S. steel production**
- **Cargo carried by 55 U.S. Lakers, 73 Canadian Lakers, over 200 salties and a large number of barges connecting rivers that feed the Seaway System.**





Seaway Snapshot

- **Opened in 1959 – 52 Years of Operation**
- **423m/681km long (Montreal – Lake Erie)**
- **Annual Transits: 3900 vessel transits from over 50 countries (2010)**
- **Bulk-Commodity System (Grain, Iron Ore, Steel)**
- **15 Locks (2 U.S. & 13 Canadian)**
- **Season: March to December**
- **Annual Tonnage: 37m tons (2010)**
- **Major Overseas Markets: N. Europe, N. Africa, S. America**

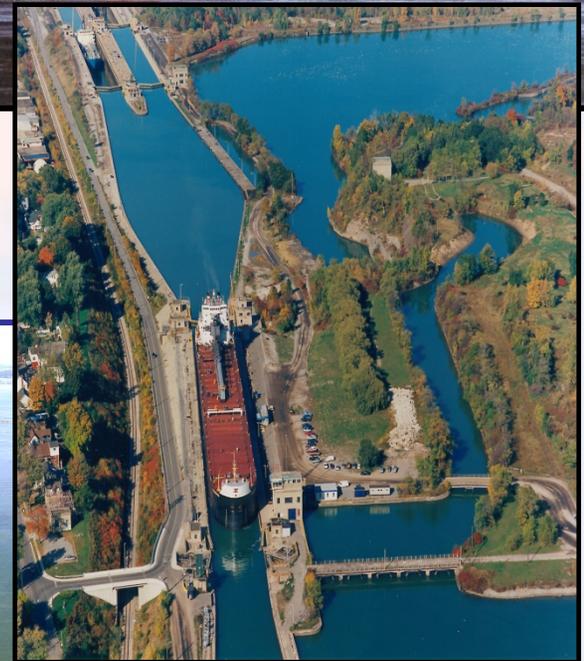


A vessel transiting the Seaway crosses the international border 27 times between Montreal and Lake Erie.



Locks of the Seaway

- All 15 locks have the following dimensions:
 - 766 feet - usable length
 - 80 feet – usable width
 - 30 feet – water depth
- Allowing ships of 740 Feet in length and 78 feet width to use the Seaway
- Each lock holds around 22 million gallons of water and takes approximately ten minutes to empty or fill
- Seaway draft is 26.6 feet





A Conduit for Bulk Commodities

Top Commodity Groups

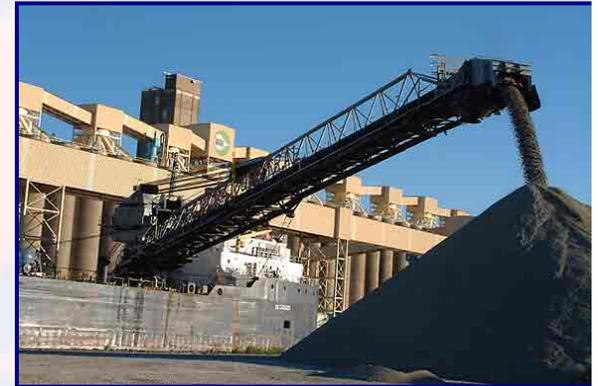
(Montreal-to-Lake Ontario Section)

10 Year Average

Bulk Products **60%**

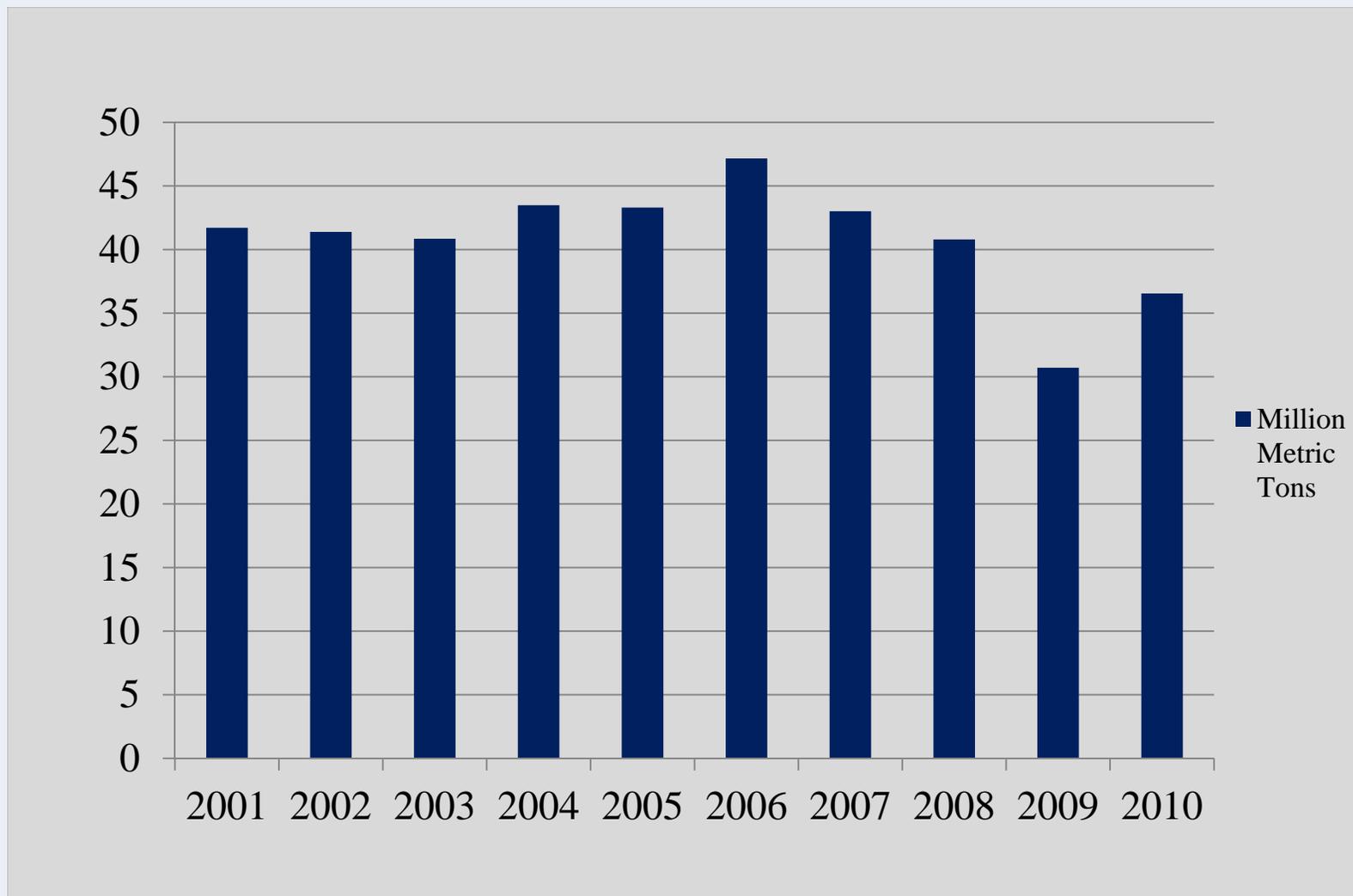
Grain Products **24%**

General Cargo **6%**



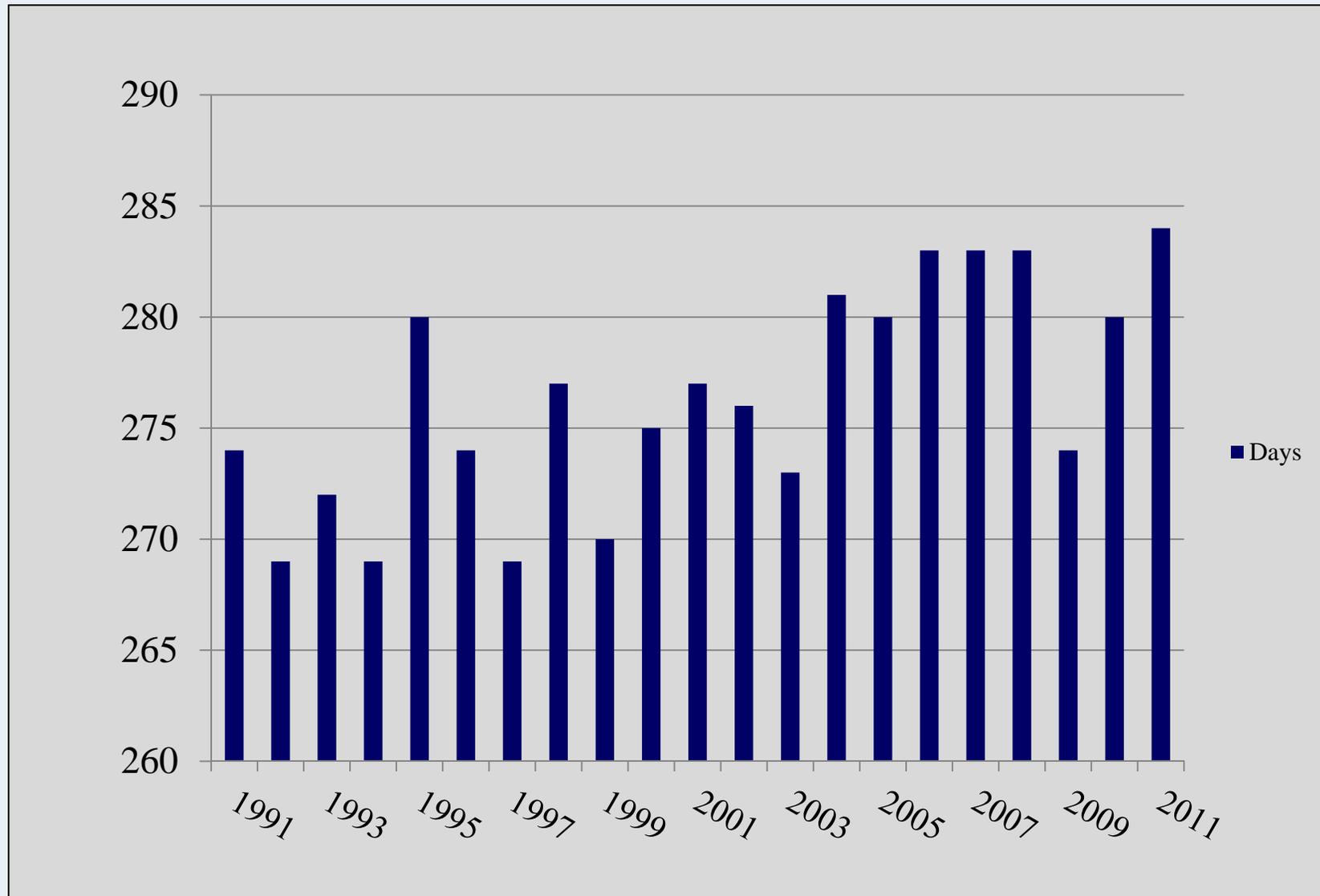


Seaway Tonnage





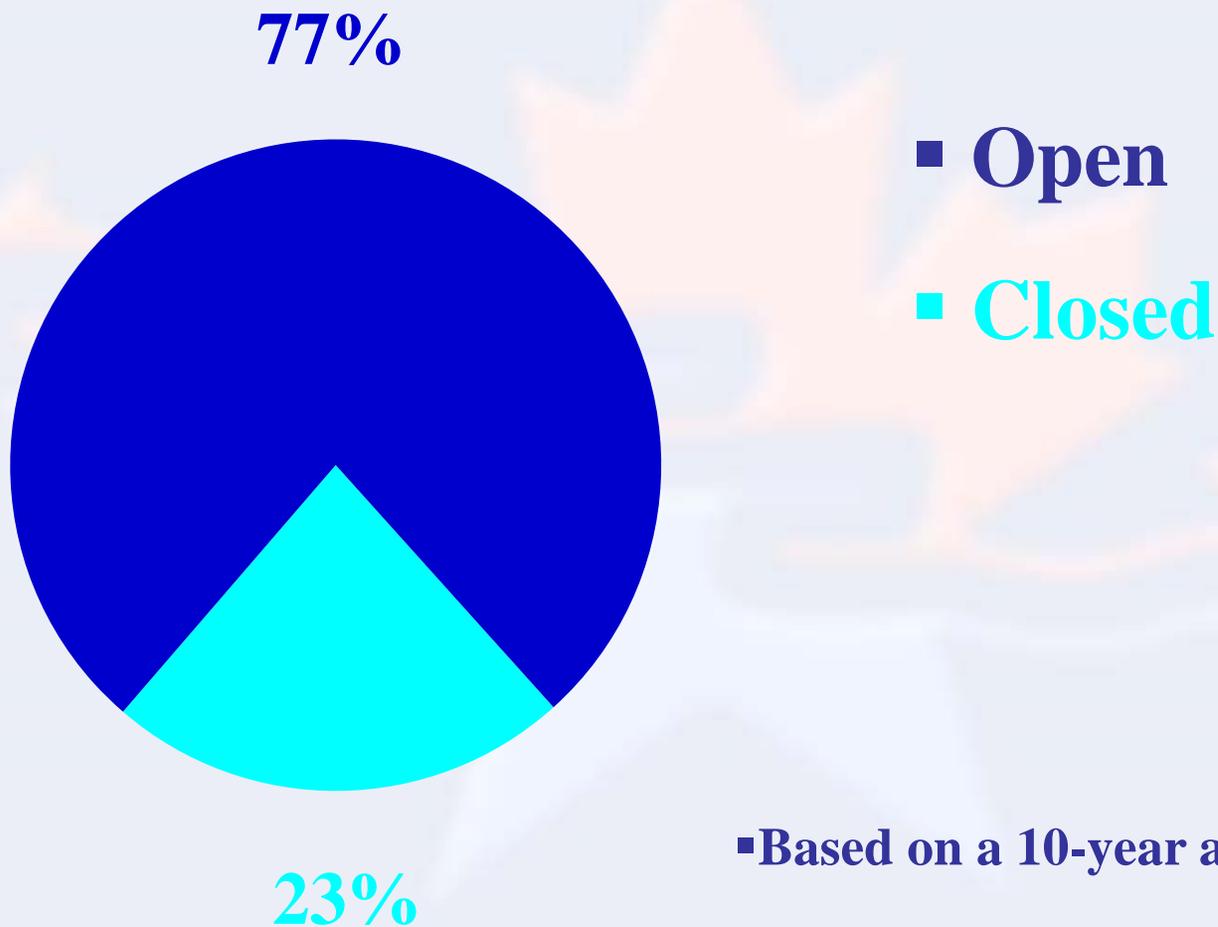
Navigation Season Length





Seaway Navigation Season

- West of Montreal - runs from late March to late December.



▪ Based on a 10-year average



Binational Operations

- **A Seamless Waterway System**
- **Jointly-issued “Seaway Regulations”**
- **Single foreign-flag vessel inspection program in Montreal, Quebec**
- **Fully integrated U.S./Canadian VTC system**
- **Joint Marketing**
- **Binational Website**

