



The Great Lakes St. Lawrence Seaway System

Seaway Overview Presentation

for the

Erie Economic Development Corporation

January 2012



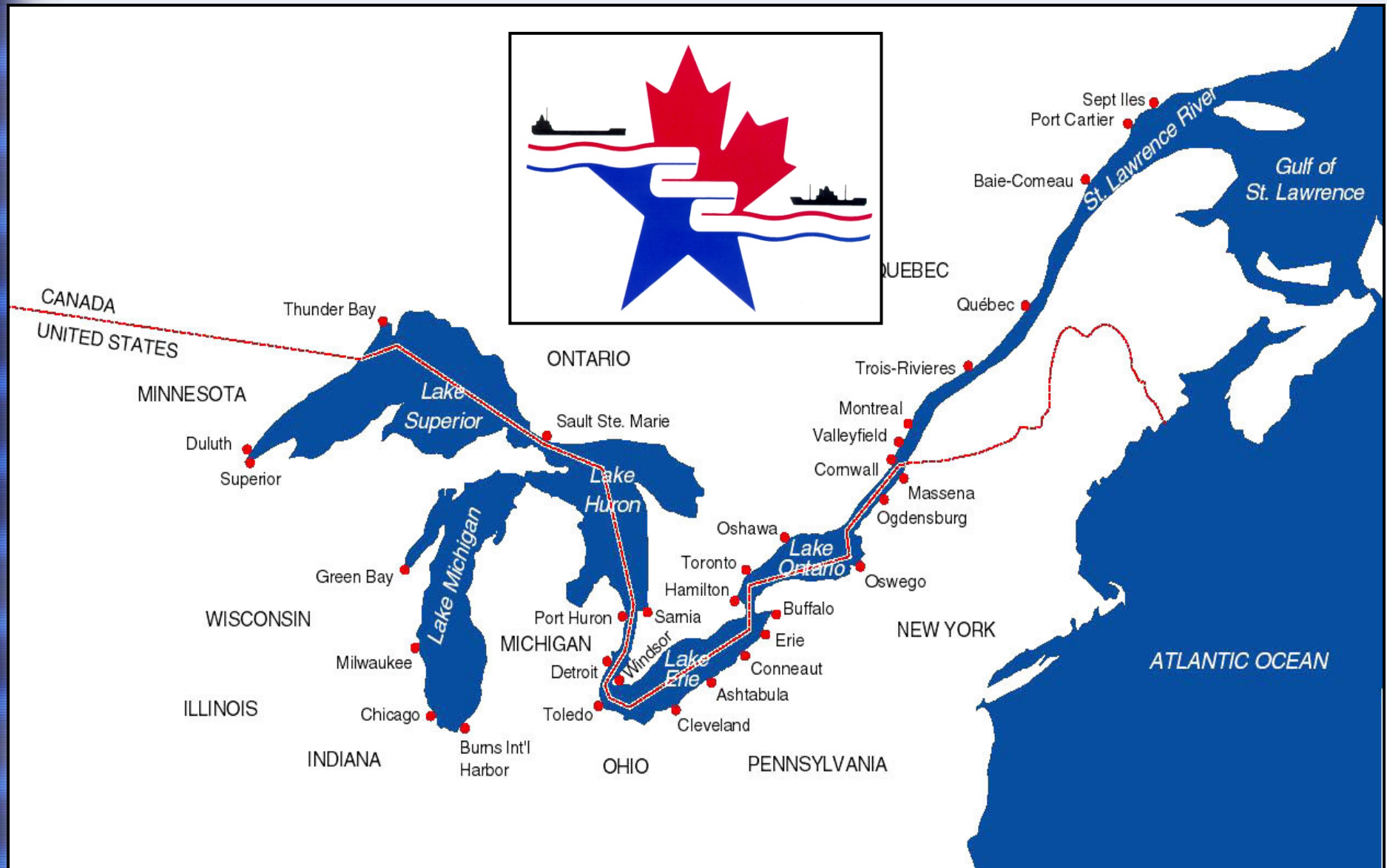


St. Lawrence Seaway Development Corporation

- 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)

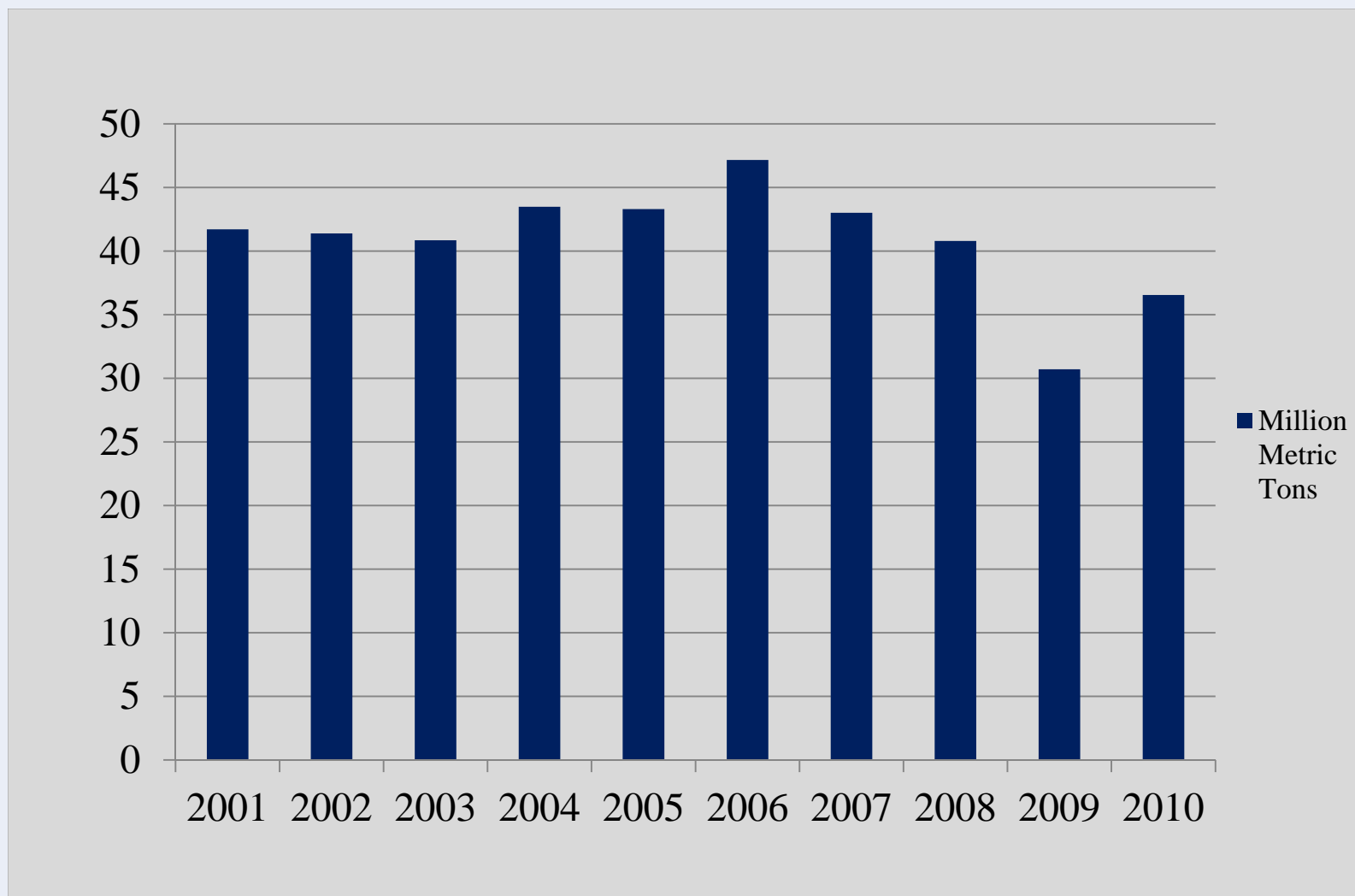
10 Year Average

Bulk Products	60%
Grain Products	24%
General Cargo	6%



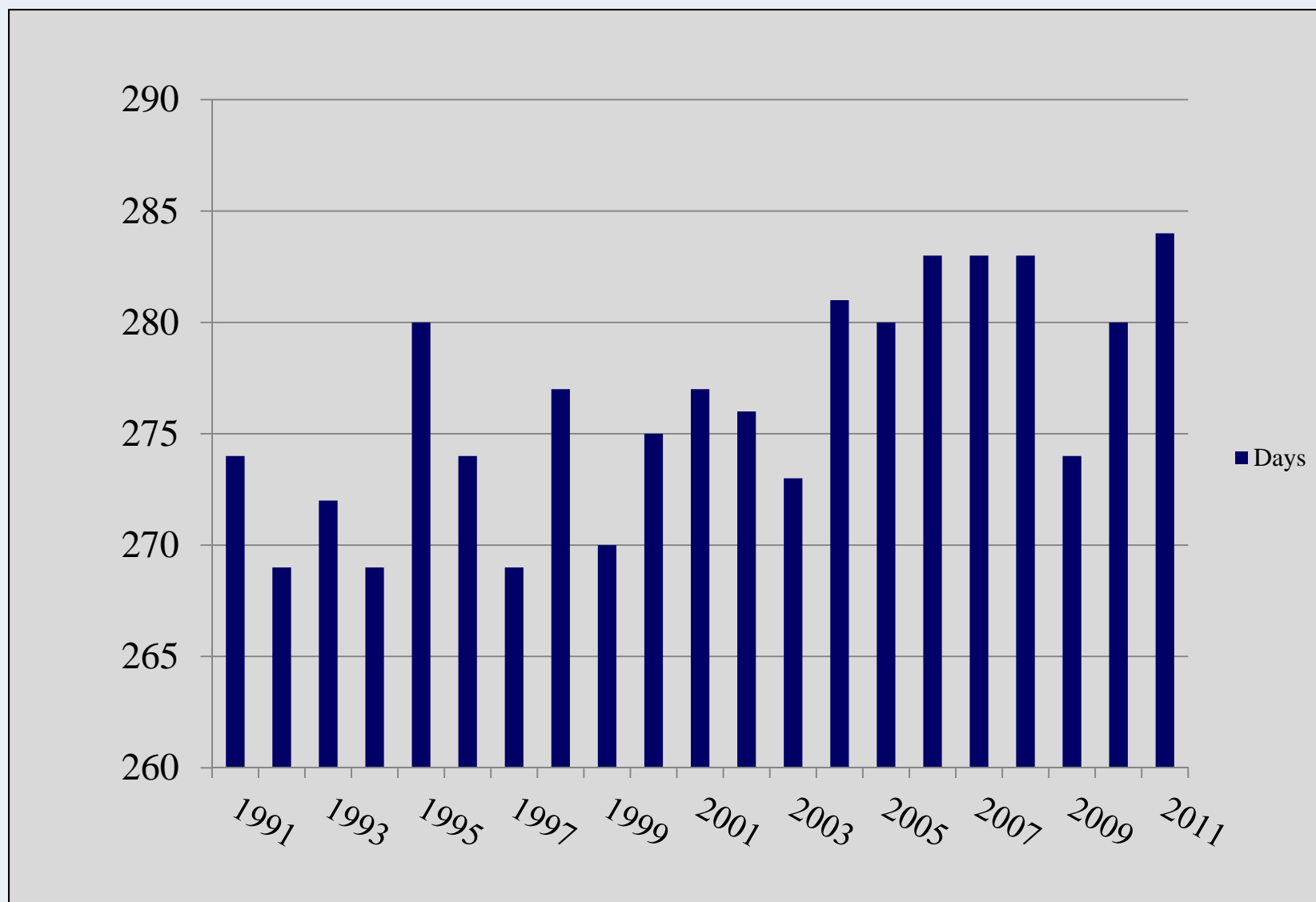


Seaway Tonnage





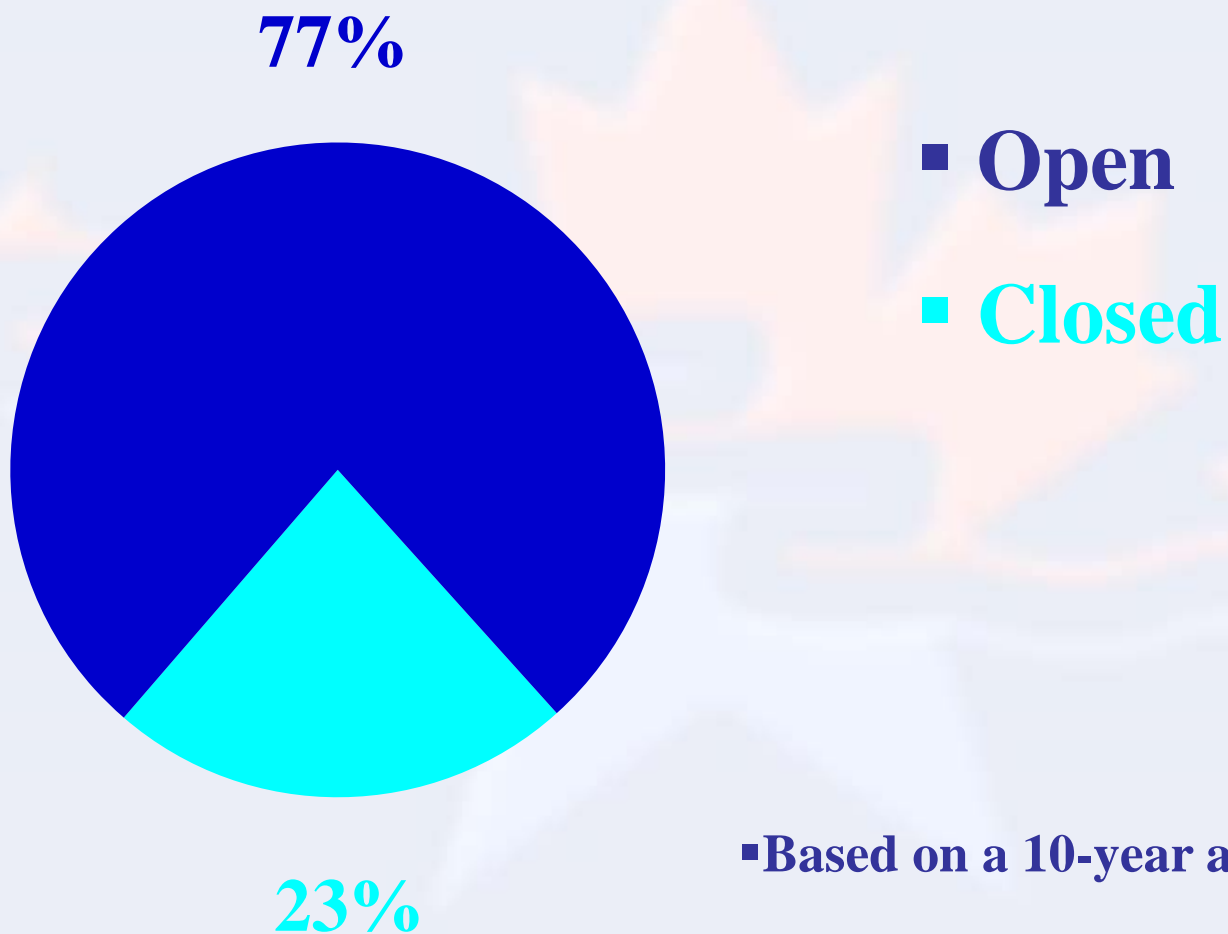
Navigation Season Length





Seaway Navigation Season

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





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

