

# Greater Sudbury Police Service

POLICE SERVICES BOARD MEETING

June 10, 2015

## WATER SAFETY



# Greater Sudbury Police Service Water Safety PRESENTATION AGENDA

- ✓ Facts
- ✓ We are the “City of Lakes”
- ✓ Marine Unit
- ✓ Waterway Vessels
- ✓ Safety Equipment
- ✓ Prevention



# National Statistics

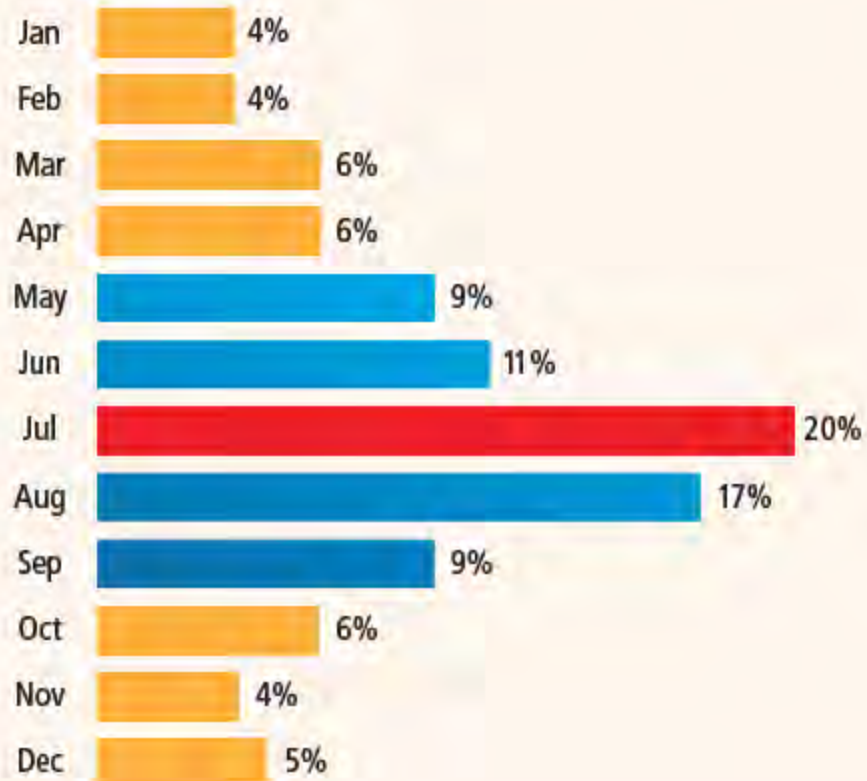
**On average, 180 Canadians die every year in boating incidents.**

**90% of them were not properly wearing a lifejacket or Personal Floatation Device (PFD).**

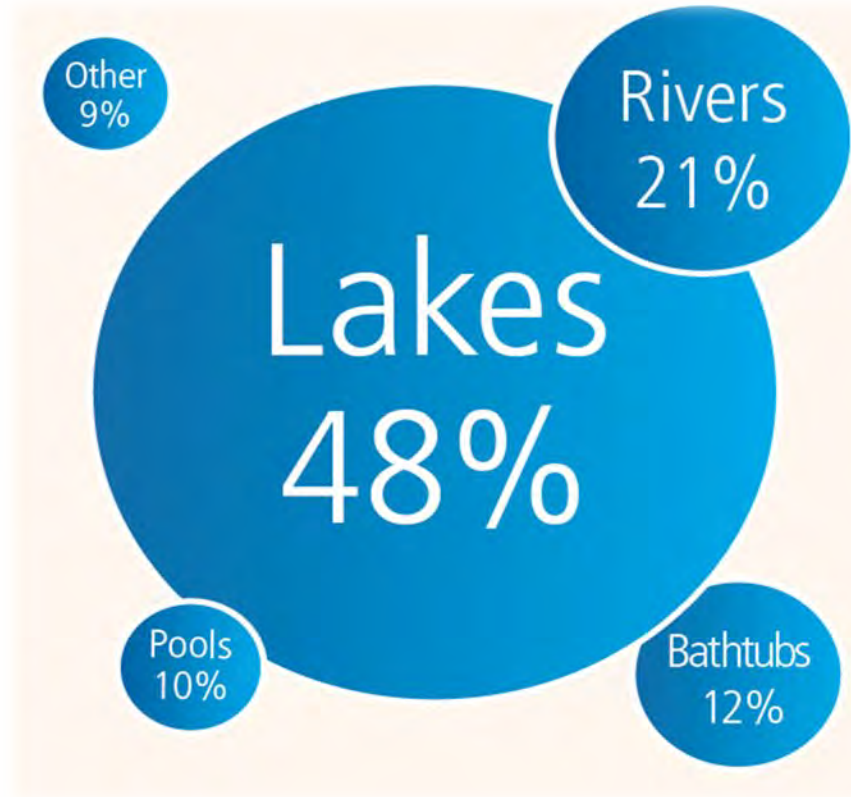
**70% of them either capsized or fell out of a vessel.**



# Water-Related Fatalities by Time of Year



# Drowning's



# Authority for Waterways Policing

**We are responsible for policing the City of Greater Sudbury which include all roadways and waterways.**

**Small Vessels Regulations under the Canada Shipping Act 2001, a Federal statute.**

**Federal infractions are issued on a provincial offence notice which provide the defendant with resolution options.**



Transport  
Canada

Transports  
Canada



# Greater Sudbury – City of Lakes

**Geographical area of 3200 square kilometers.**

**The City of Greater Sudbury is home to 330 lakes.**

**600 square kilometers of the City's total surface area is covered by water.**

**Approximately 7000 people or 4% of the population live on these lakes.**



**Lake Wanapitei is the largest city-contained lake in the world at approximately 190 square kilometers. This represents 1 / 3 of the total lake area.**





# Marine Trained Officers

Currently has 4 active marine officers.



# Marine Trained Officers

## Qualifications

- MED-A3/SVOP  
(Marine Emergency Duties / Small Vessel Operation Proficiency)
- Night Navigation
- Search and Rescue
- GPS Training
- VHF (Maritime radio)
- Cold Water Rescue



# Marine Trained Officers

## Issued equipment



# GSPS Marine Fleet



20' Harbercraft



19' Harbercraft



14' Naden

# Various types of vessels navigate our water ways



# Safety Equipment Required



Anchors



Bailers and manual water pumps



Small Vessel  
lifejacket



Sound-signalling appliances



Portable fire extinguishers



Distress equipment



Reboarding devices

Watertight flashlights



Buoyant heaving lines

# Additional Equipment to Consider



# Recent Incident

With the use of a cell phone, GPS coordinates and sirens on the police vessel, officers were able to locate a lost cyclist on a local lake.  
-May 2015





# Cold Water?

Our water is defined as cold all year round.



# Estimated Time To Hypothermia ?

If you fall in cold water, with cloths on, how long do you think it will take to become hypothermic?



**2 hours**

# Current Training & Education



**Dr Gordon Giesbrecht (aka Dr. Popsicle)**

**Professor at the university of Manitoba.**

**Studies human physiology and our responses to extreme environments.**

**He also formulated the 1-10-1 rule.**



# 1-10-1 Principle

## Drowning Prevention in cold water

**DO NOT PANIC, because you have:**

- 1 minute to get your breathing under control
- 10 minutes of meaningful movement
- 1 hour before you become unconscious due to hypothermia



# Main offences

Alcohol related offences

Missing safety equipment

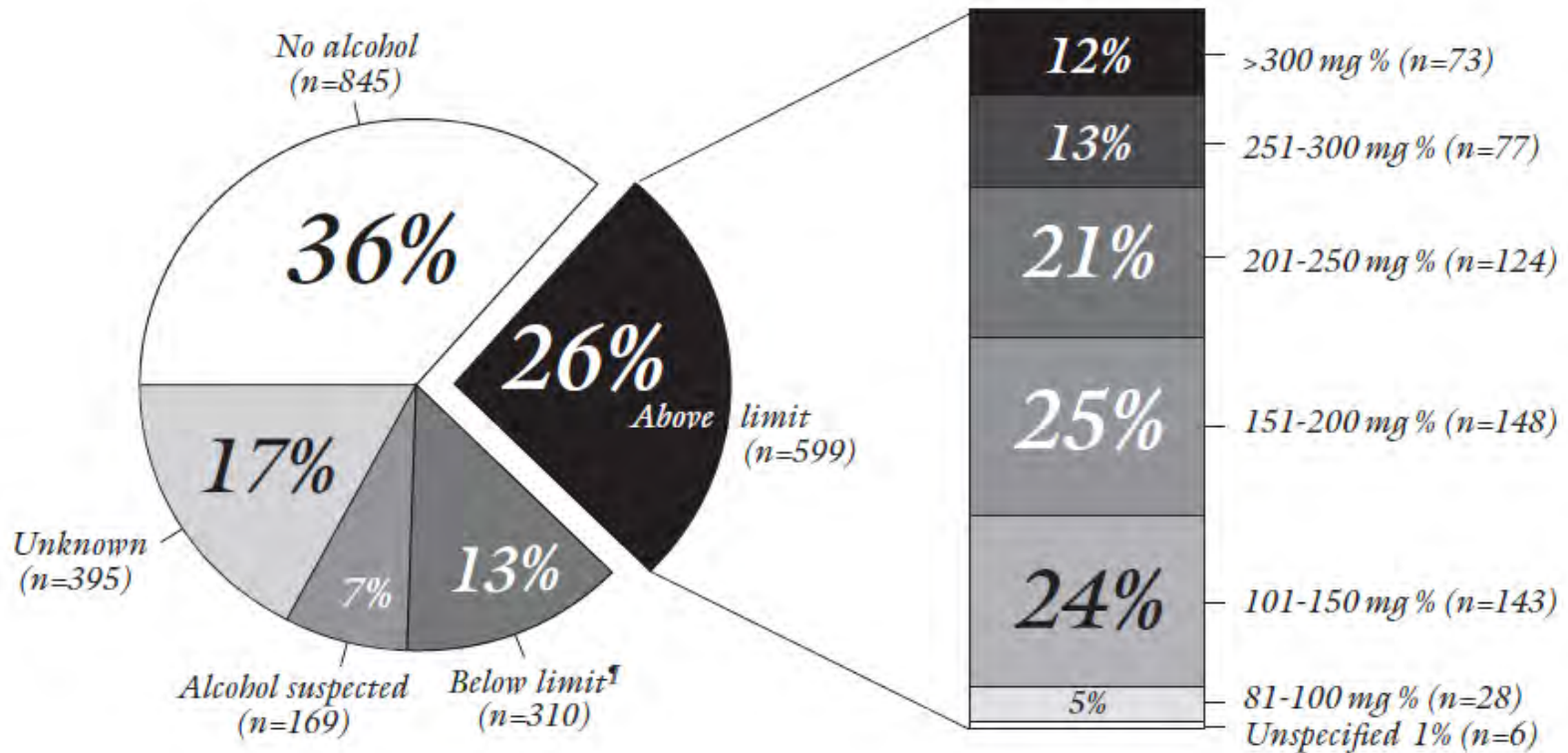
Speeding close to shore

Failing to have an operators card

Under age operation



# Alcohol related deaths on the water



# Most Common Marine Calls

**Abandoned vessels**

**Capsized vessels**

**Missing persons**

**Noise complaints regarding vessels**

**Erratic driving**

**Having open liquor upon a vessel**

**Special Events**



# Community Involvement Strategy





# Campers Associations

The Rural Community Response Unit and members of the Marine Unit partner with local campers associations to set up information check points that include water safety at the following locations:

Panache Lake Rd

Fairbanks Lake Rd

Kukagami Lake Rd



# Cops Kids and Fishing

This event is run province wide every year, and the Greater Sudbury Police Service have hosted a local event for the last 6 years.

To make this event a success, GSPS engage community partners such as the OPP and MNR

Local youth are partnered with police officers and are brought out on the water, taught aspects of water and boating safety and get to spend the day fishing!



# Caught Wearing Your Lifejacket Campaign

The GSPS have a program in effect where if Marine Officers observe a youth wearing a proper lifejacket or PFD, they are given a t-shirt that states “I was caught wearing my PFD by the Greater Sudbury Police Service”

GSPS have partnered with local Community Action Networks to make this program a success!



# Community Marine Unit Public Safety Presentations

The GSPS Marine Unit have conducted Marine safety presentations to local organisations in our community such as:

Local elementary schools  
Laurentian University  
Royal Distributing  
Anderson Farm  
Local youth centers  
Junction Creek Safety Committee



# Community Partners

The GSPS Marine Unit often partners with local agencies during special events such as but not limited to, Canada Day fireworks, Cops Kids and Fishing and May long weekend initiatives.

Community partners include Ontario Provincial Police, Ministry of Natural Resources and Forestry and Sudbury Fire Services.



# THANK YOU!



**Working together**

**Keeping our waterways safe**

**Keeping each other safe**

**Keeping ourselves safe**

**ENJOY YOUR SUMMER**

