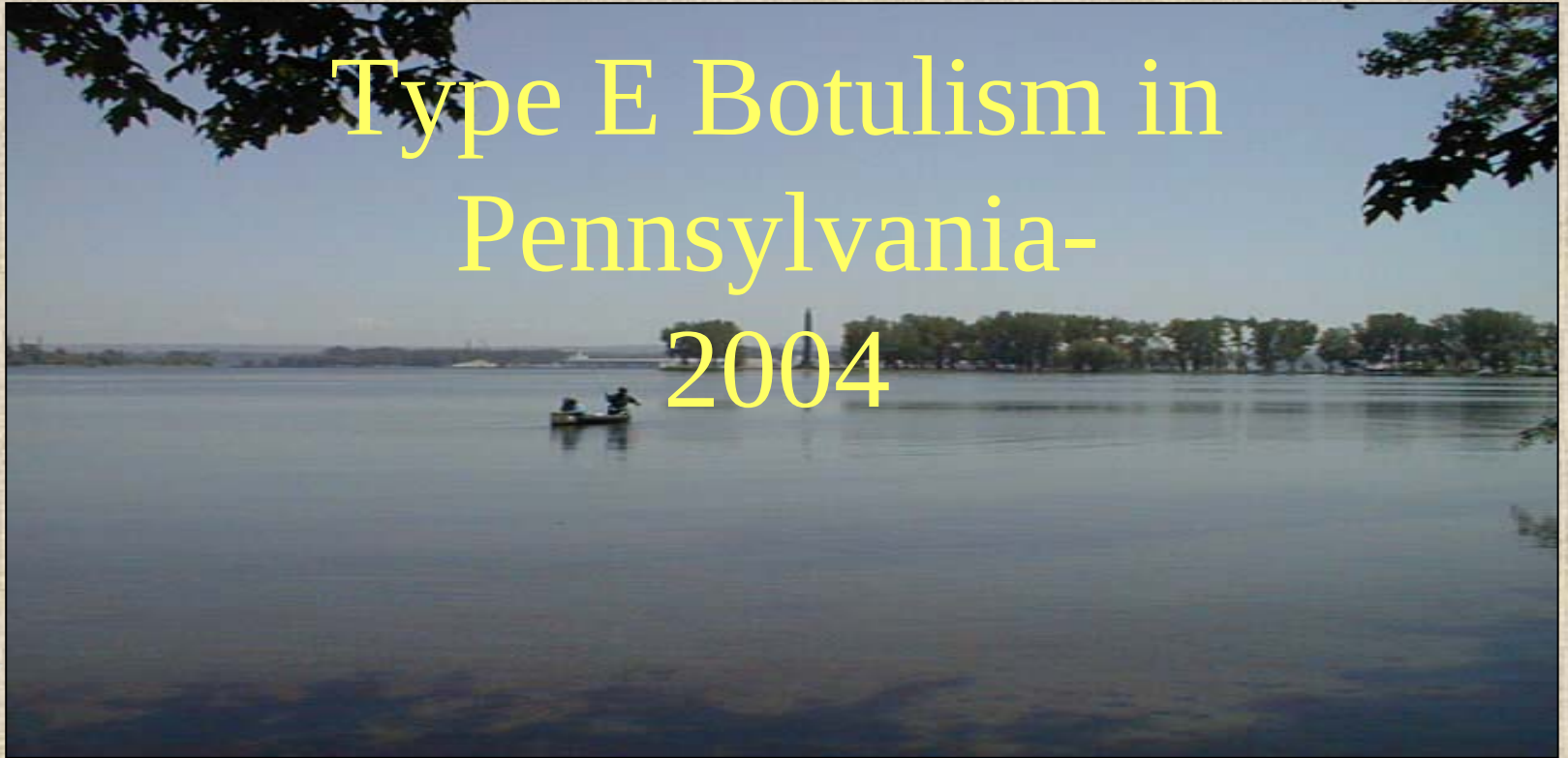


Type E Botulism in Pennsylvania- 2004



Jim Grazio

Great Lakes Biologist

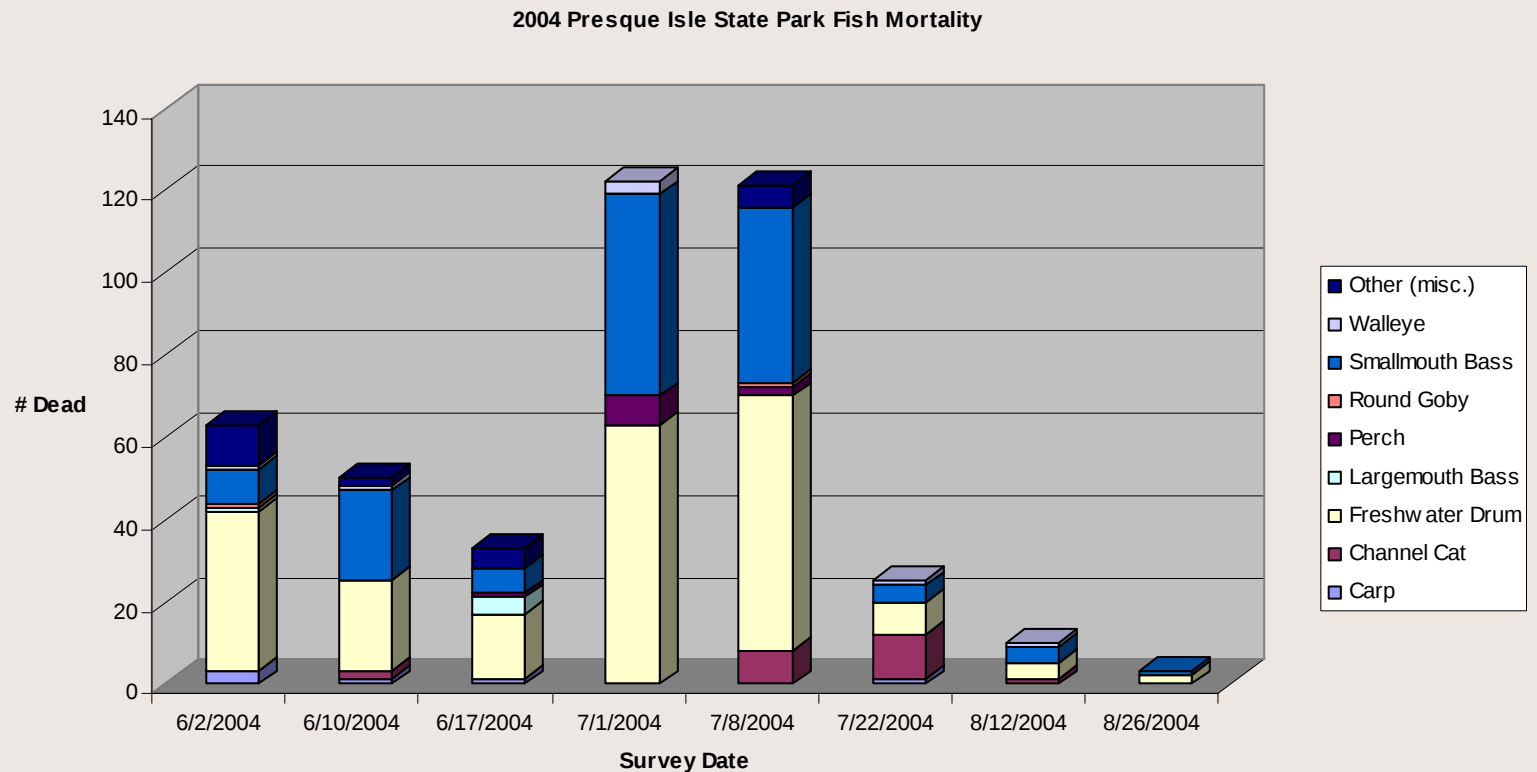
Pennsylvania Department of Environmental Protection



Presque Isle State Park

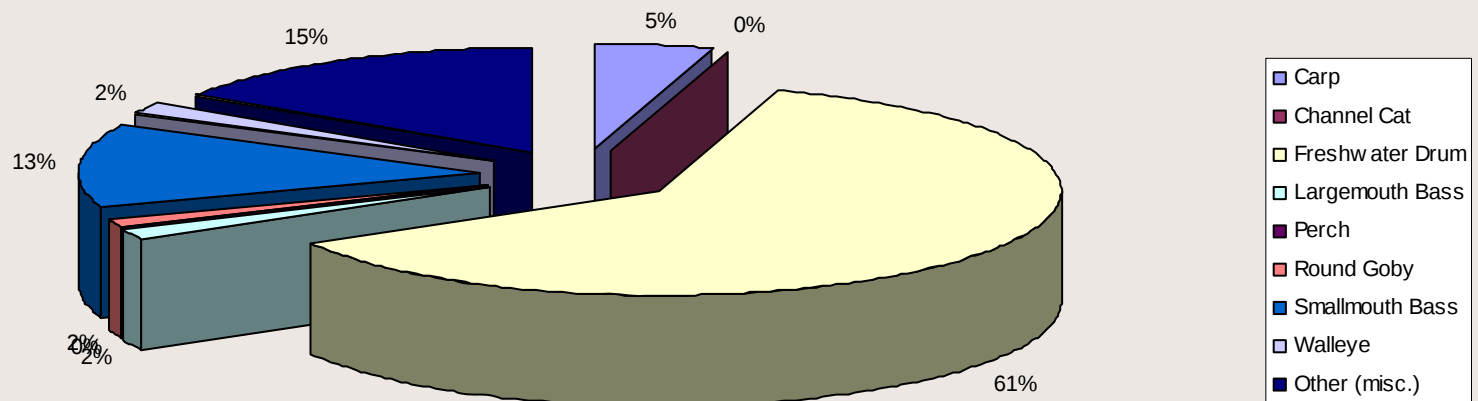


2004 Fish Mortality

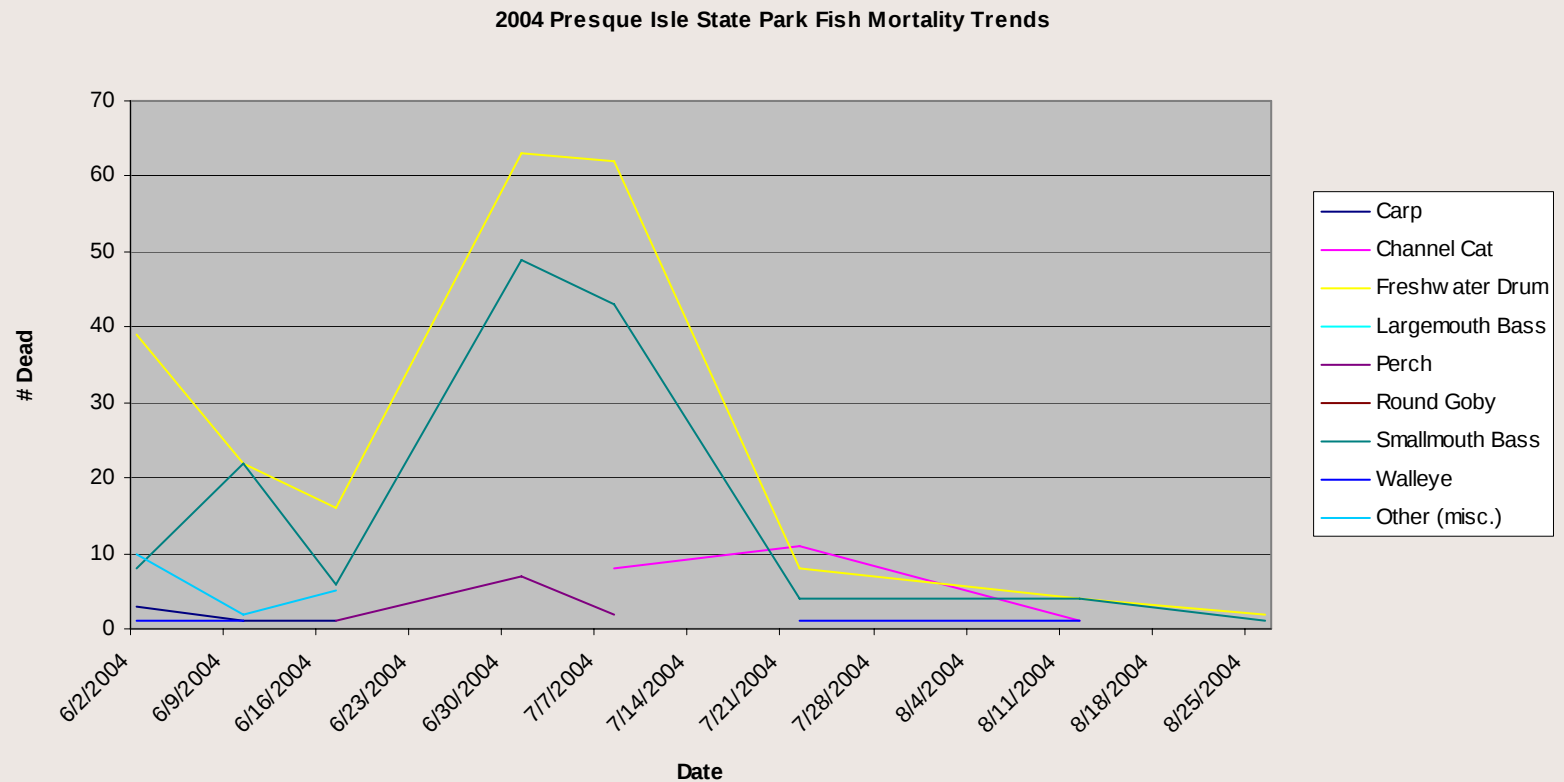


2004 Fish Mortality

2004 Presque Isle State Park Fish Mortality- Species Affected



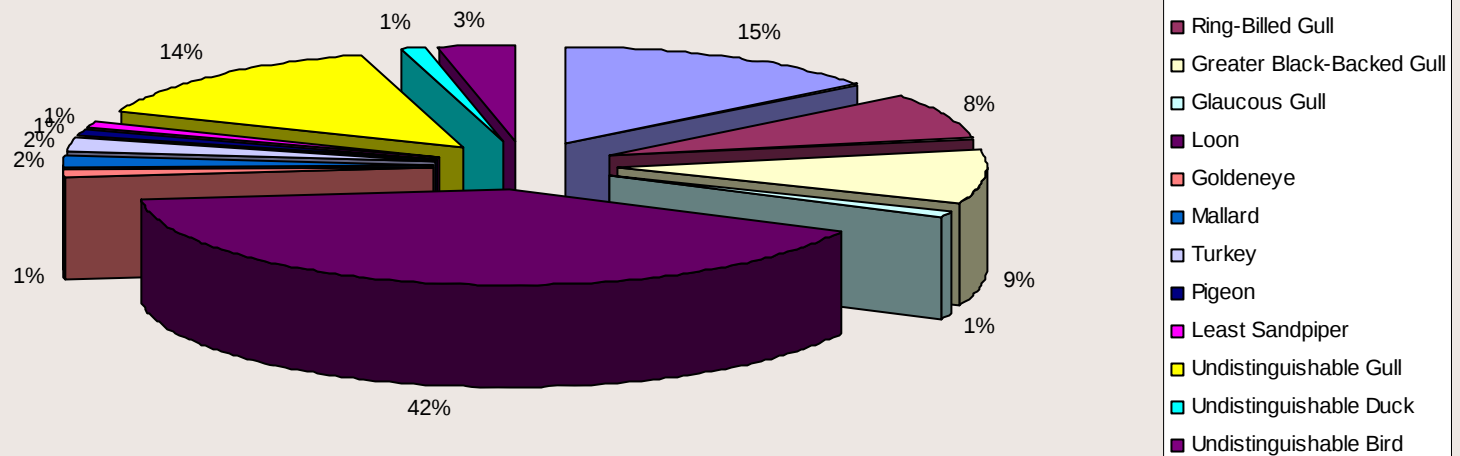
2004 Fish Mortality



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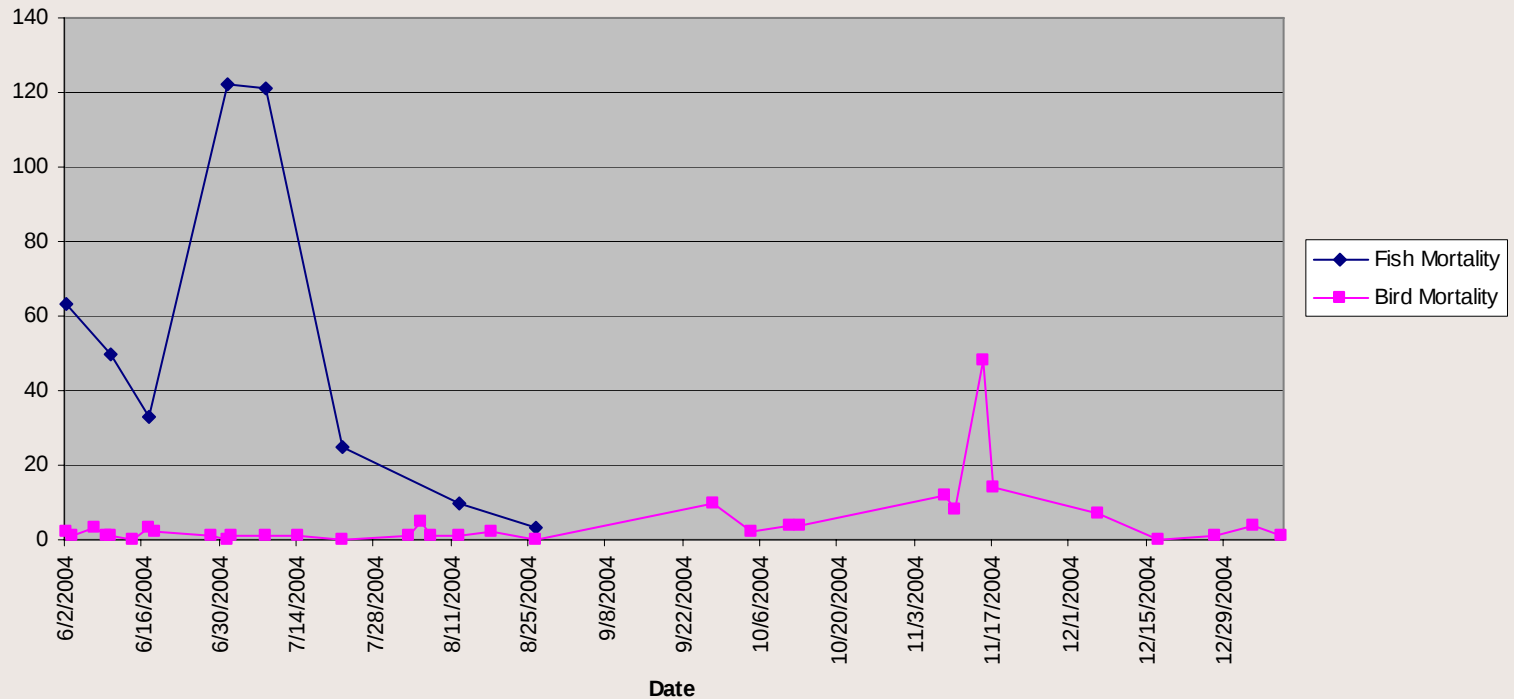
2004 Bird Mortality

2004 Presque Isle State Park-Bird Species Affected



2004 Bird and Fish Mortality Trends

2004 Presque Isle State Park Fish and Bird Mortality Trends



2004 Summary

- Pathology results
- Weather
- Next Steps...