

# Quality of Ontario Lakes

How has the quality of Ontario's lakes changed overtime? And as of recent, how productive are Ontario's lakes?

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## Introduction

Sources to add while citing: <https://data.ontario.ca/dataset/ontario-lake-partner> & [https://files.ontario.ca/moe\\_mapping/downloads/metadata/opendata/Lake\\_Partner\\_Program\\_metadata\\_EN2.pdf](https://files.ontario.ca/moe_mapping/downloads/metadata/opendata/Lake_Partner_Program_metadata_EN2.pdf)

This report relies on four data sets sourced from the Ontario Lake Partner Program (LPP) via the Ontario Data Catalog. The LPP conducts annual assessments of water quality in inland lakes throughout Ontario, with data collected by volunteers following standardized provincial protocols. Specifically, the data sets cover total phosphorus, calcium, chloride concentration, and water clarity for numerous inland lakes, predominantly situated in the Precambrian Shield region. Each data set includes geographical coordinates, site descriptions, collection dates, and metrics pertaining to the water quality.