

# What are the types and characteristics of community-based services used by persons with brain injury? Results of a provincial survey

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# **Conflicts of Interest**

**The authors have no COIs to declare.**

# Objective

- **To describe the types and characteristics of services that were accessed and determine which factors influenced access to community services for adults with ABI in Ontario**



# Methods



- **People with an ABI were surveyed by OBIA between 2020 and 2021 via the online platform QuestionPro**
- **Variables collected include:**
  - **Demographic data**
  - **Injury characteristics**
  - **Health status**
  - **Health care services accessed in past year**
  - **Employment status**
  - **Impact of their ABI on daily life & relationships**

# Results – Demographics

- N=1,649 adults with ABI
- Concussion was the most common (89%)
- Mean age 40.5 years (SD 27.1)



836 (66%) were female



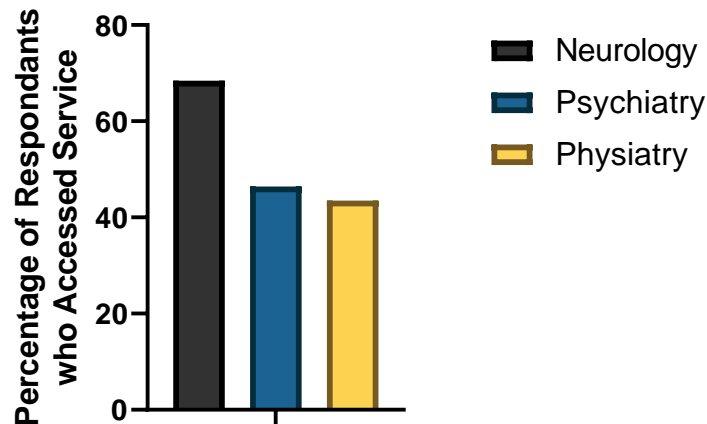
418 (34%) were male

- 460 (28%) had their ABI as a child (<18 years old)
- Mean time from injury:
  - 20.2 years (SD 17.1) for adult ABI onset cohort
  - 35.0 years (SD 33.1) for pediatric ABI onset cohort

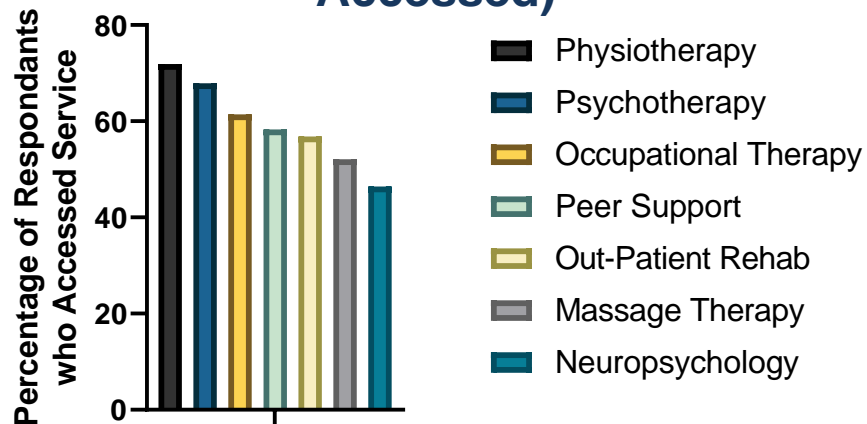


# Results – Services Accessed

## OHIP Covered Services



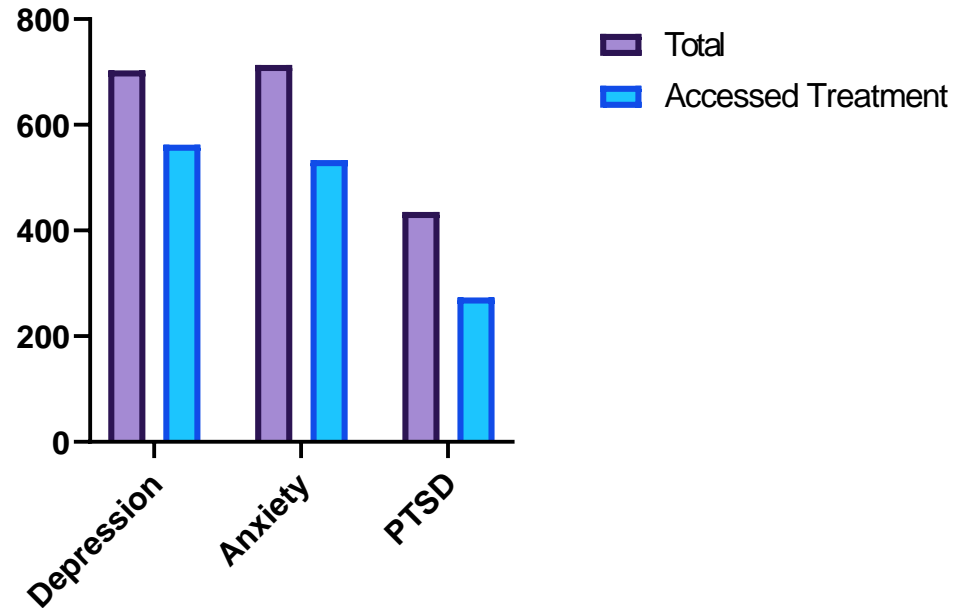
## Non-OHIP Covered Services (Most Accessed)



- Higher income was associated with greater access to services ( $p < 0.0001$ )
- Litigation was also associated with neuropsychological services (OR 2.54 95% CI 1.29 – 5.02  $p = 0.028$ )

# Results – Mental Health

- **Over 80% of those who responded had depression and/or anxiety**
  - **Over 85% with depression or anxiety accessed treatment**
  - **But only 63% with PTSD accessed treatment**







thank you!



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