Health care utilization and costs among individuals with a concussion in Ontario: a population-based study

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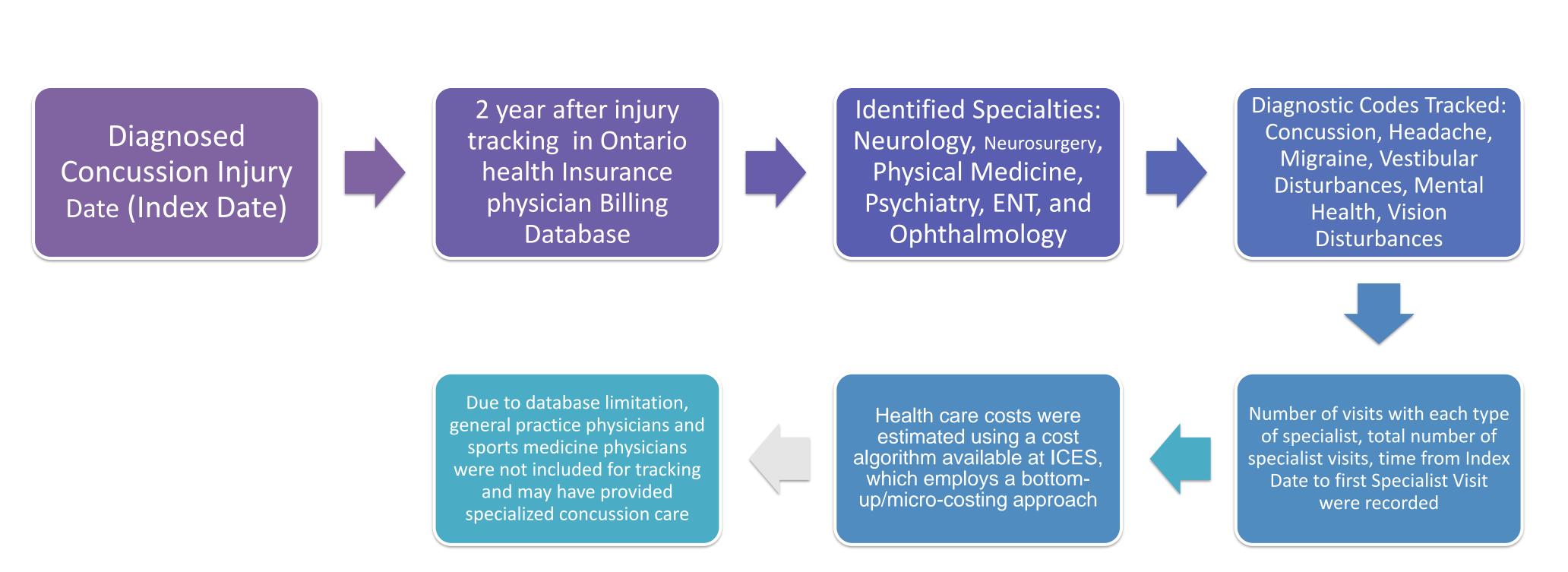
Introduction

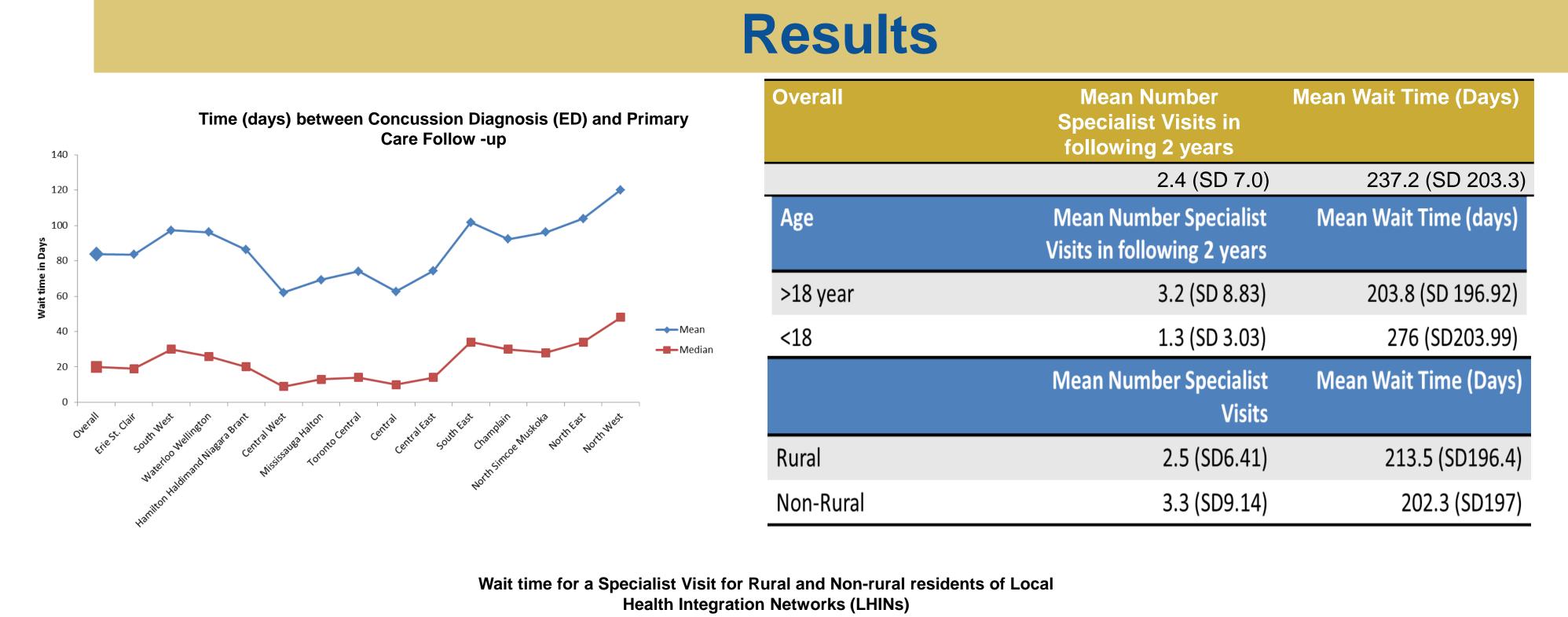
- Over 150,000 residents of Ontario (i.e.,1.2% of the population) are diagnosed with a concussion by a physician every year
- Rates are highest among children and those living in rural parts of the province
- Best Practices recommend all patients with a concussion have a follow-up visit with their primary care physician within 3 days of injury
- An estimated 30% of children with a concussion may develop prolonged post-concussion symptoms (PPCS) and require additional health care to treat their PPCS
- 12.5% of adults with a concussion in Ontario required multiple specialist health care to treat PPCS

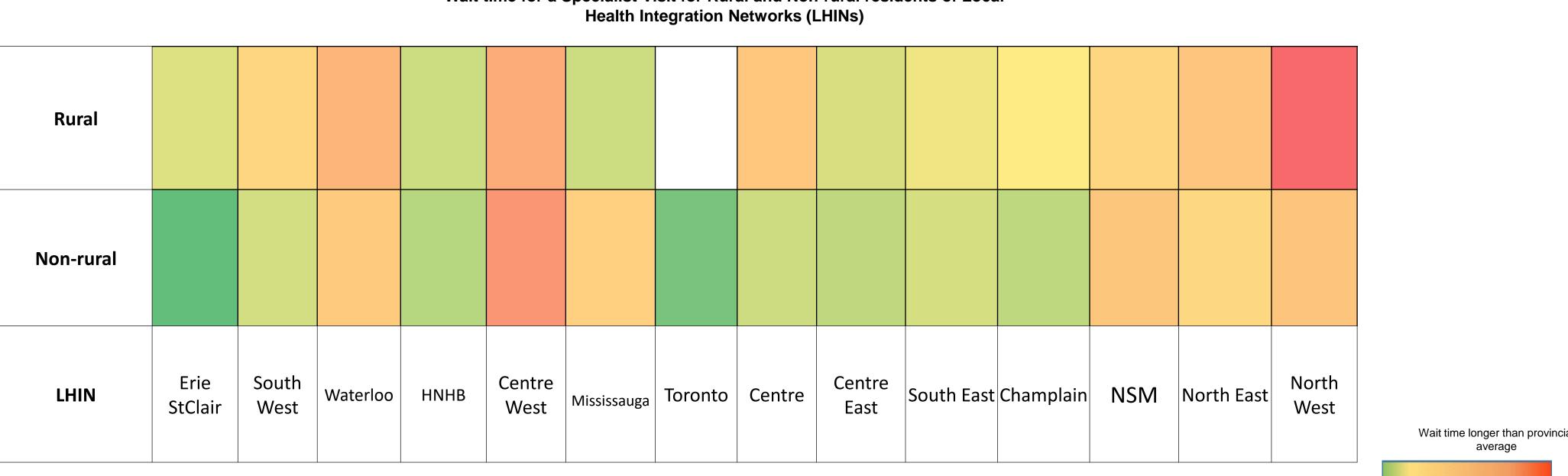
Objectives

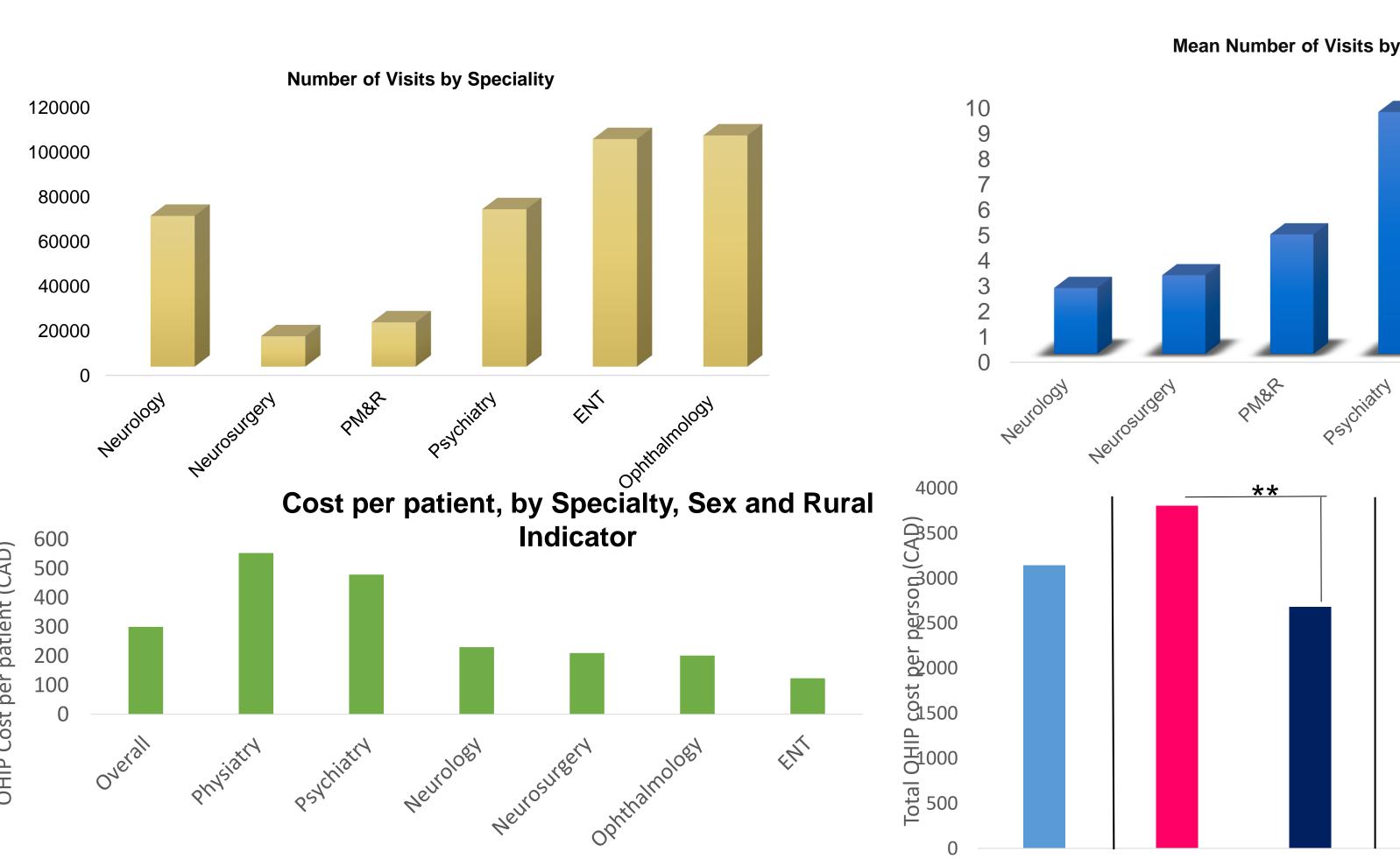
To characterize post-concussion health care utilization and direct physician costs of residents of Ontario with a concussion

Methods









There are discrepancies in post-concussion utilization based on age and geographic location. Concussions cost the Ontario health care system \$18 million per year in direct physician billing.

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