

A look at TDSB & RDC Data

Student Transitions, Access & Research on Tertiary Education
– Examination of the TDSB Grade 9 Cohort Dataset

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Student Transitions, Access & Research on Tertiary Education

- Dr. Rob Brown
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 - Adjunct Professor of Education, York University
 - Formerly with the Toronto District School Board (TDSB)'s Research and Development department – created the original Grade 9 cohort data
- Dr. David Walters
 - Chief Investigator on the START-Ed Project; Professor, Guelph
- Dr. Gillian Parekh
 - Co-Investigator on the START-Ed Project; Associate Professor, York

(and others..)

The Data

The TDSB Grade 9 Cohort Datasets: Students who started Grade 9 in the Toronto District School Board (TDSB) from Fall 2000-Fall 2012
(Approx. 230, 000 students in total)

- Earlier matches of the TDSB data:
 - University of Toronto enrolment and graduation (Brown, Davies and Chakraborty, 2019)
 - York University enrolment and graduation (Parekh, Brown and James, 2020)
 - T1 Family File (including income)- Pathways to Education analysis (Oreopoulos and Lavecchia)

The Data

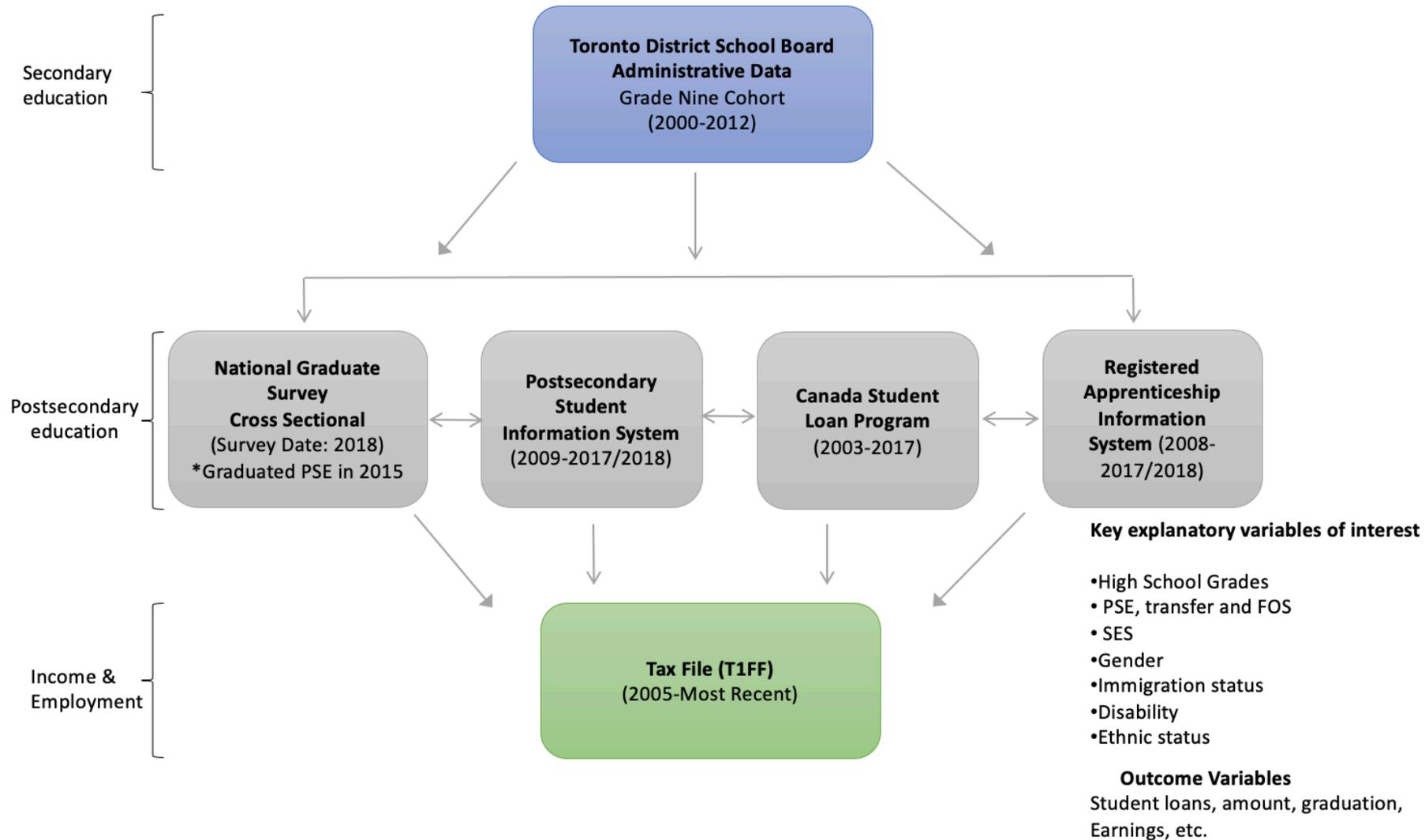
Student Transitions, Access & Research on Tertiary Education

Initial funding for match from ONCAT

- Matched to Statistics Canada's Education and Labour Market Longitudinal Platform (ELMLP), which includes:
 - PSIS (postsecondary enrolment and graduation)
 - RAIS (apprenticeship)
 - CSLP (federal loans/grants)
 - T1 Family File (including income)

Postsecondary Pathways and Outcomes of Transfer Students in Ontario

TDSB + Educational Labour Market Longitudinal Linkage Platform (ELMLP)



The TDSB Grade 9 Cohort Dataset

TDSB Cohort	What This Means...	'Standard' Year to Postsecondary
Fall 2000 cohort	Grade 9 in Fall 2000- Followed to Fall 2005	Fall 2004
Fall 2001 cohort	Grade 9 in Fall 2001- Followed to Fall 2006	Fall 2005
Fall 2002 cohort	Grade 9 in Fall 2002- Followed to Fall 2007	Fall 2006
Fall 2003 cohort	Grade 9 in Fall 2003- Followed to Fall 2008	Fall 2007
Fall 2004 cohort	Grade 9 in Fall 2004- Followed to Fall 2009	Fall 2008
Fall 2005 cohort	Grade 9 in Fall 2005- Followed to Fall 2010	Fall 2009
Fall 2006 cohort	Grade 9 in Fall 2006- Followed to Fall 2011	Fall 2010
Fall 2007 cohort	Grade 9 in Fall 2007- Followed to Fall 2012	Fall 2011
Fall 2008 cohort	Grade 9 in Fall 2008- Followed to Fall 2013	Fall 2012
Fall 2009 cohort	Grade 9 in Fall 2009- Followed to Fall 2014	Fall 2013
Fall 2010 cohort	Grade 9 in Fall 2010- Followed to Fall 2015	Fall 2014
Fall 2011 cohort	Grade 9 in Fall 2011- Followed to Fall 2016	Fall 2015
Fall 2012 cohort	Grade 9 in Fall 2012- Followed to Fall 2017	Fall 2016

The Descriptive Report

OVERALL PATTERNS:
MATCH OF THE TDSB 2004-2006 GRADE 9 COHORTS WITH PSIS DATA
DESCRIPTIVE REPORT

Prof. Robert S Brown, York University
Co-Investigator

Prof. David Walters, University of Guelph
Principal Investigator

Prof. Gillian Parekh, York University
Co-Investigator

Chris Conley, Durham District School Board
Manager, Research and Assessment

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A project of the Partnership for Student Transitions, Access, and Research on Tertiary Education
Funded by the "Connecting Partners" SSHRC Partnership Development Grant



The image shows the cover of a report titled "OVERALL PATTERNS: MATCH OF THE TDSB 2004-2006 GRADE 9 COHORTS WITH PSIS DATA" with the subtitle "DESCRIPTIVE REPORT". It lists four individuals: Prof. Robert S Brown (York University, Co-Investigator), Prof. David Walters (University of Guelph, Principal Investigator), Prof. Gillian Parekh (York University, Co-Investigator), and Chris Conley (Durham District School Board, Manager, Research and Assessment). The report is dated November 2021 and is identified as a project of the Partnership for Student Transitions, Access, and Research on Tertiary Education, funded by the "Connecting Partners" SSHRC Partnership Development Grant. At the bottom, there are logos for the Toronto District School Board, Statistics Canada, and a row of university logos: University of Toronto, McMaster University, York University, Nipissing University, and University of Guelph.

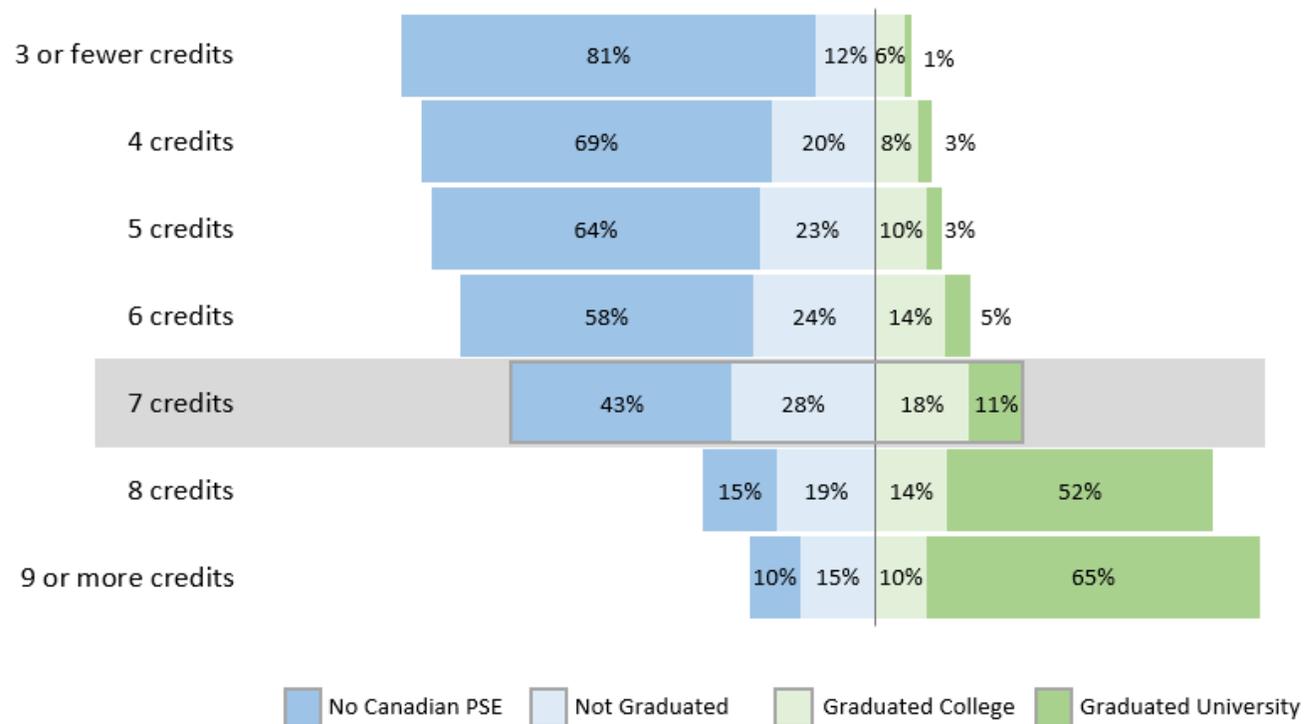
→ Here are a few examples of some findings, to illustrate how the connection has been used...

Table 1: Postsecondary Outcomes to 2017 (TDSB Grade 9 Cohorts Fall 2004-Fall 2006)

Postsecondary Graduation Status	Frequency (N)	Percent
No postsecondary in Canada	12640	25.1
Postsecondary but did not graduate	9800	19.4
Graduated college	6800	13.5
Graduated university	21210	42.0
Total	50450	100.0

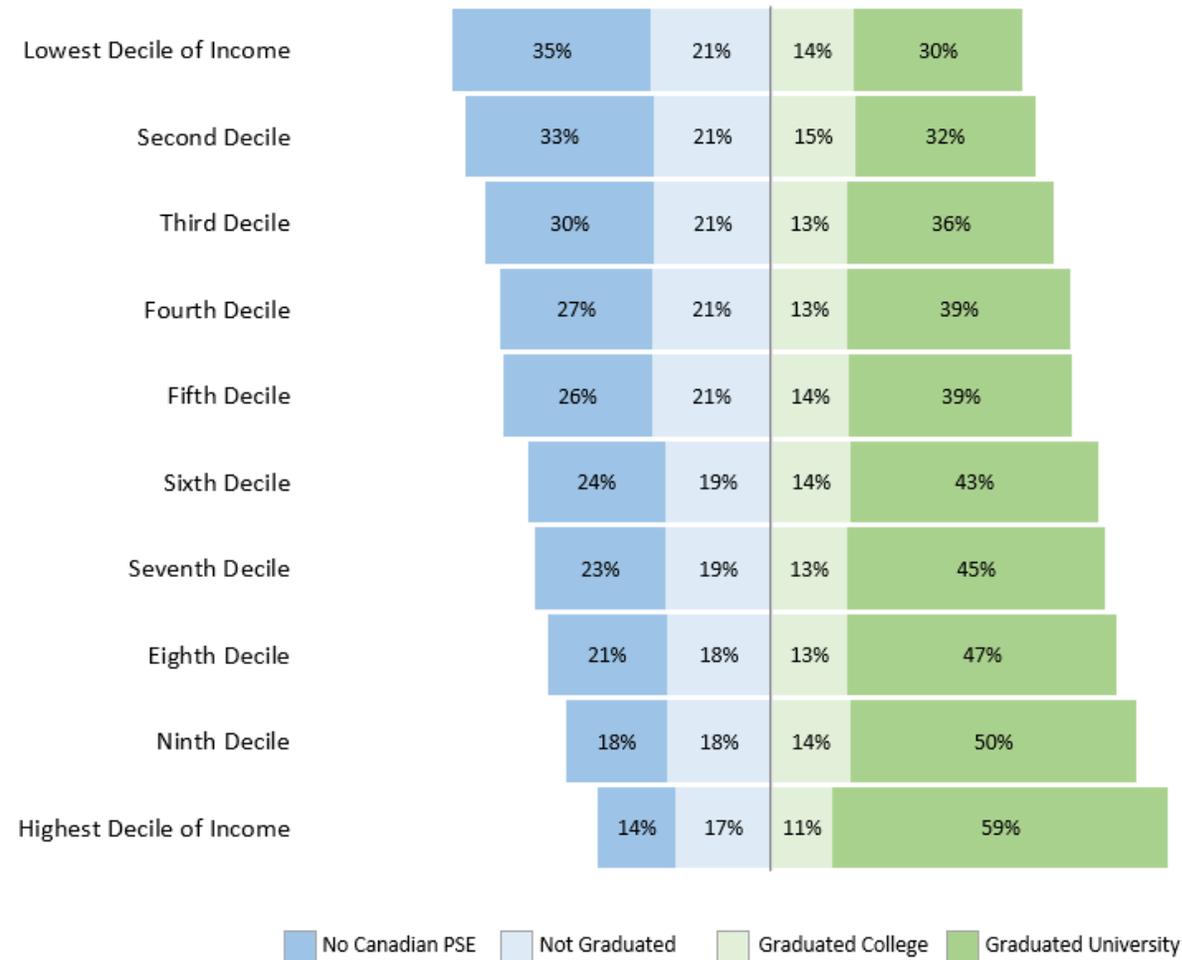
- 75% of students went into postsecondary
- 56% graduated from university or college

Grade 9 Credit Accumulation and Postsecondary Graduation

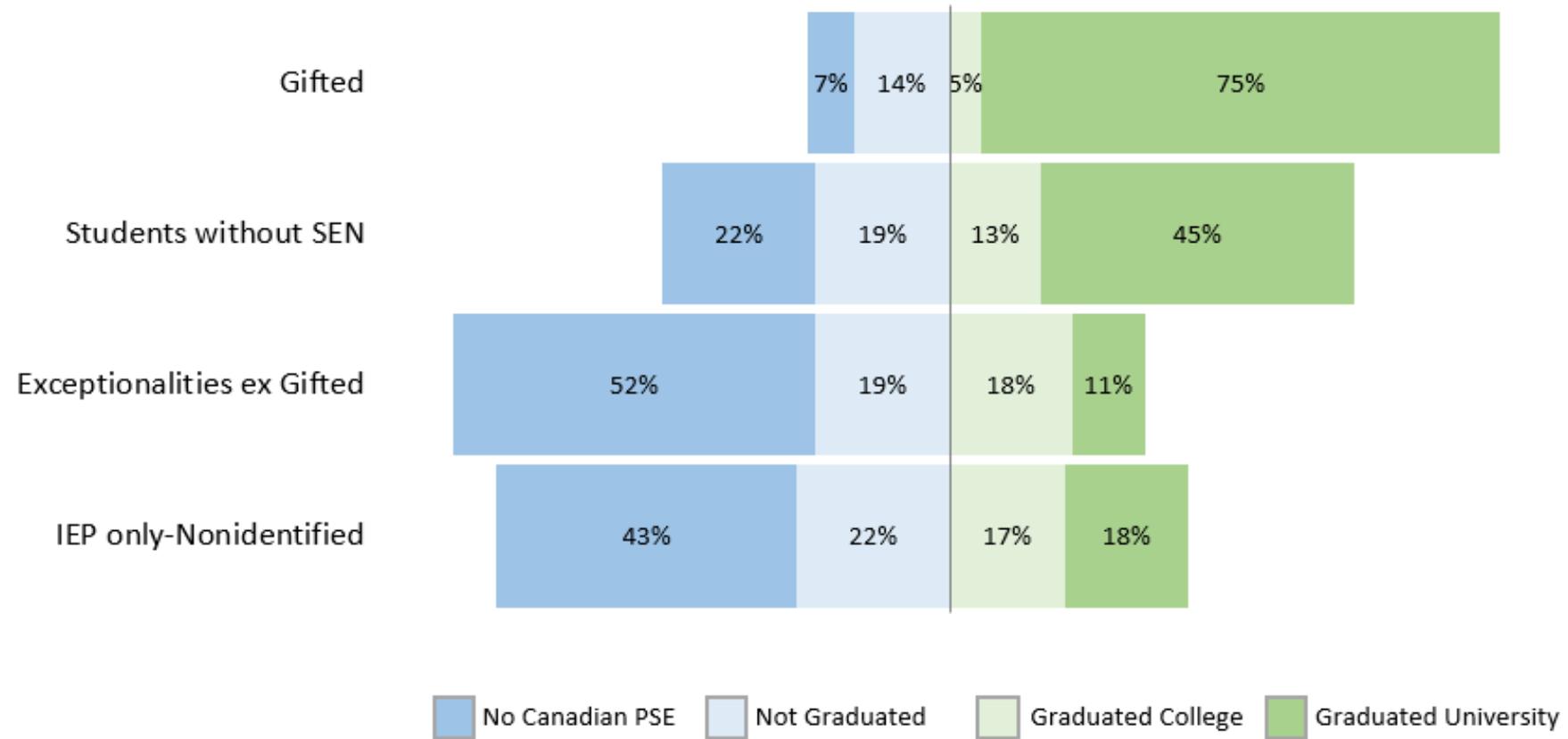


(TDSB Grade 9 Cohorts 2004-2006)

Deciles of Income and Postsecondary Graduation Status



Special Education Needs Status (Secondary) and Postsecondary Graduation Status



Other Recent Studies

- Transfer students (*between and among college and university*)
 - Student loan patterns for transfer students, role of high school performance
 - Geographical differences in transfers north/south Ontario, urban/rural
 - Transfer patterns among students with disabilities
- Access, graduation and outcomes of PSE for students with disabilities

Current & Future Directions

- Pathways into apprenticeships & the skilled trades
- Second and third postsecondary credentials
- Labour market outcomes of the earliest cohorts (now into 30s)
- Non-traditional populations (late semester starters, mature students)
- Multiple Comparisons (Graduates vs Non-completers vs HS only)
- Different definitions of disability between K-12 and PSE
- TDSB Students attending Postsecondary outside Ontario
- Expanding this partnership beyond TDSB, and beyond Ontario
 - Interprovincial comparisons & collaborations
 - International comparisons & collaborations

Questions? Opportunities for Collaboration?

