

HUMANIZING OPEN DATA

Understanding our ever evolving communities



ABOUT YORK REGION

- Children's Services
- Court Services
- Economic Development
- Forestry
- Housing Services
- Long-term Care/Seniors' Services
- Paramedic Services
- Planning
- Police Services

- Public Health
- Regional Roads
- Social Assistance
- Transit
- Waste Management
- Water



Open Data



Data Cooperative

Residents

Partners

\$949 million in transportation investments including planning and design of the Yonge Subway Extension into Richmond Hill

Funding and Administering More than **6,700** social housing units owned and managed by Housing York Inc. and other community housing providers

\$774 million for environmental services Continuing work on water and wastewater projects to meet anticipated growth in the municipalities of Vaughan, East Gwillimbury, Newmarket and Aurora



1,200,000

RESIDENTS IN THE GTA'S YORK REGION

York Region is a welcoming community and one of the most diverse regions in Canada

636,000

LOCAL JOBS IN YORK REGION

Across a variety of key industry sectors including ICT, financial services, and more...

52,707

BUSINESS ESTABLISHMENTS

Spread throughout York Region's nine cities and towns in the Greater Toronto Area

4,382

TECHNOLOGY COMPANIES

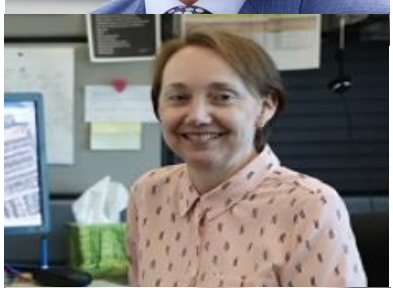
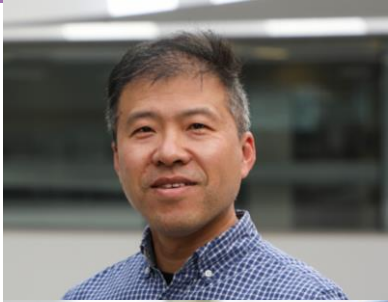
Highest concentration of information technology companies in Canada

14,700

NEW JOBS CREATED EACH YEAR (2001-'18)

Career opportunities for every experience level, what's it like to live and work here?

TOGETHER, PUTTING DATA TO WORK



WE THINK DIFFERENTLY ABOUT GIS



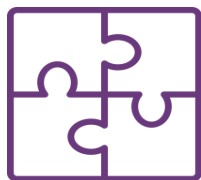
DATA, ANALYTICS AND VISUALIZATION SERVICES BRANCH

GOVERNANCE



Ensuring a framework of rules and practices for data

COORDINATION & OVERSIGHT



Synchronizing and integrating data activities

DATA ARCHITECTURE



Modelling data to extract its greatest value

DATA CATALOGUE



Helping staff find the right data

DATA INSIGHTS & REPORTING

Open
Data

Using data to tell a compelling narrative

DATA LITERACY



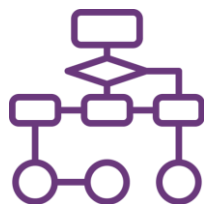
Learning to care for, understand and use data

DATA PARTNERSHIPS

Data
Cooperative

Learning, building and sharing together.

DATA PREPARATION & INTEGRATION



Getting data into the Region's systems

DATA QUALITY



Getting the right data the first time

DATA SECURITY, ACCESS & PRIVACY



Keeping data safe and secure

TECHNOLOGY



Building an environment for data to thrive

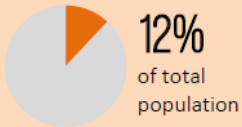


GIS is distributed amongst the knowledge areas

DIVERSE AND CHANGING COMMUNITIES

KIDS AND CAREERS

TG6



PRIZM5 Profiles:
Core: 6



Families with
Children



Low
Ethnic Diversity



Houses



High Average
Household Income



Medium-Light
Internet Usage

POPULATION

141,402

HOUSEHOLDS

42,063

MEDIAN MAINTAINER AGE

55

Index: 103

MARITAL STATUS



63.7%

Index: 103

Married/Common-Law

FAMILY STATUS*

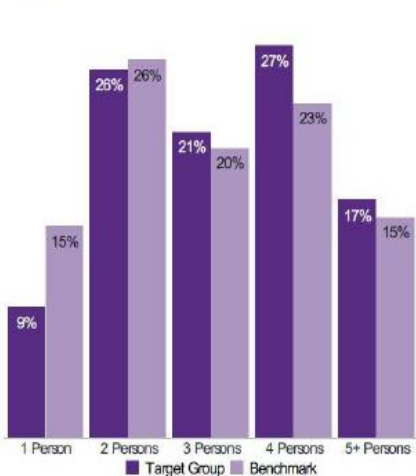


61.9%

Index: 108

Couples With Children At Home

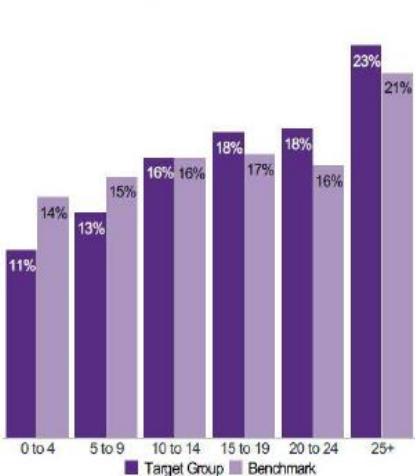
HOUSEHOLD SIZE



POPULATION BY AGE

	Count	%	Index
0 to 4	6,545	4.6	85
5 to 9	7,307	5.2	92
10 to 14	8,978	6.3	105
15 to 19	9,781	6.9	112
20 to 24	10,668	7.5	113
25 to 29	9,210	6.5	97
30 to 34	7,326	5.2	83
35 to 39	7,286	5.2	84
40 to 44	8,486	6.0	91
45 to 49	10,910	7.7	104
50 to 54	12,024	8.5	110
55 to 59	12,131	8.6	115
60 to 64	9,532	6.7	108
65 to 69	7,643	5.4	106
70 to 74	5,734	4.1	100
75 to 79	3,557	2.5	94
80 to 84	2,291	1.6	87
85+	1,991	1.4	81

AGE OF CHILDREN AT HOME



TIME ON MOBILE DEVICE (WEEKDAY)

27%

<1 hour

(103)

44%

1-4 hours

(110)

14%

4+ hours

(89)

TIME ON INTERNET (WEEKDAY)

11%

<1 hour

(90)

54%

1-4 hours

(109)

33%

4+ hours

(92)

TIME ON SOCIAL MEDIA (AVERAGE DAY)

28%

<1 hour

(105)

37%

1-4 hours

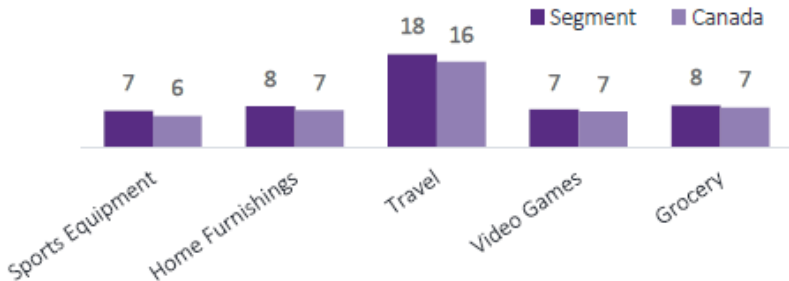
(100)

13%

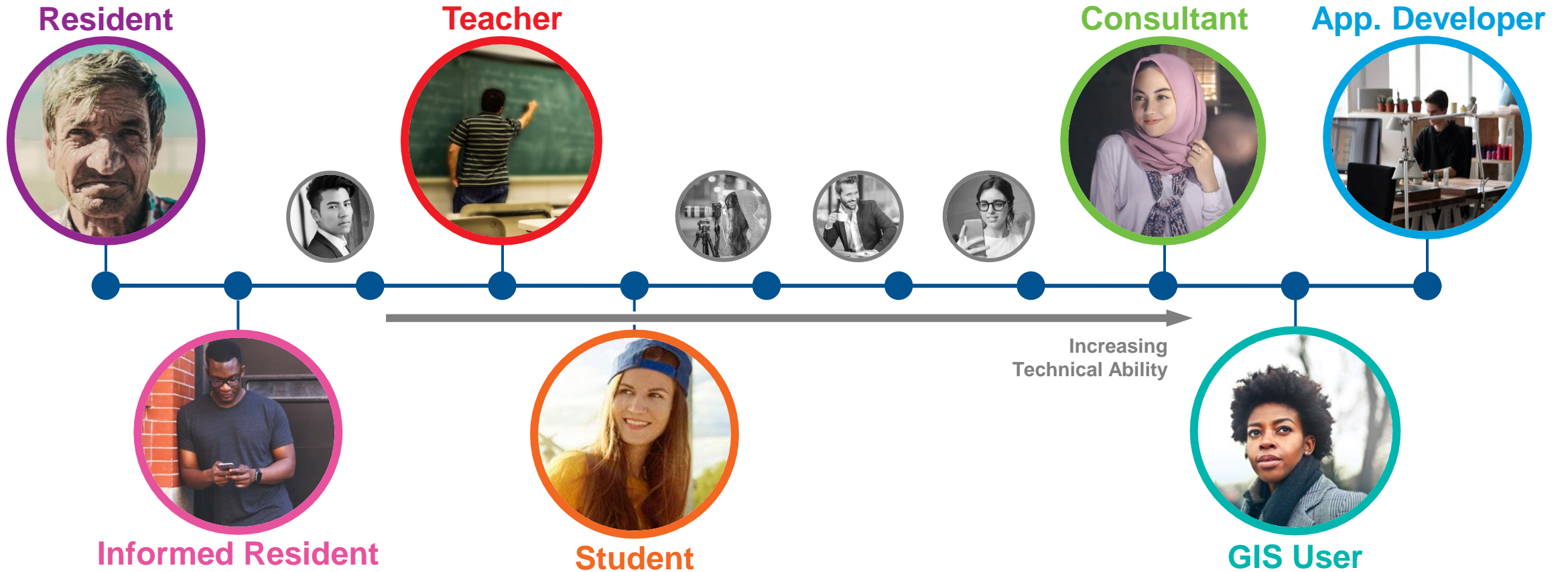
4+ hours

(84)

TOP 5 ONLINE PURCHASE CATEGORIES*



PEOPLE HAVE VARYING NEEDS



MORE THAN AN OPEN DATA PORTAL

[All](#)[Initiatives](#)[Events](#)[Data](#)[Documents](#)[Apps & Maps](#)

Filter By

Capabilities

[permits downloads \(193\)](#)[has an api \(73\)](#)

Source

[The Regional Municipality of York \(168\)](#)[City of Markham \(16\)](#)[York Region, Data, Analytics and Visualization Services Branch \(9\)](#)

Content Type

[CSV Collection \(113\)](#)[Feature Layer \(61\)](#)[Table \(11\)](#)[Microsoft Excel \(7\)](#)[Feature Service \(1\)](#)

Tags

[Government \(41\)](#)[Population \(23\)](#)[Spatial \(22\)](#)[Household \(21\)](#)[Society \(20\)](#)

< 1 - 10 of 193 results >

Relevance ▼



Data

Profile of Income by Dissemination Area, 2016 Census

The Regional Municipality of York | YorkMunicipalGovt

This table of Income profile information for dissemination area was downloaded from the Statistics Canada website and joined with bndDisseminationArea2016 in DEM. It contains the...

Type: Feature Layer

Last Updated: January 16, 2018

Rows: 1,184

Tags: Demographics, Family Income, Population, Society, St...



Data

Profile of Language of Work by Dissemination Area, 2016 Census

York Region, Data, Analytics and Visualization Services Branch | YorkMunicipalGovt

This table of language of work profile information was extracted from the Statistics Canada website. It contains the information gathered during the 2016 Census with respect to the...

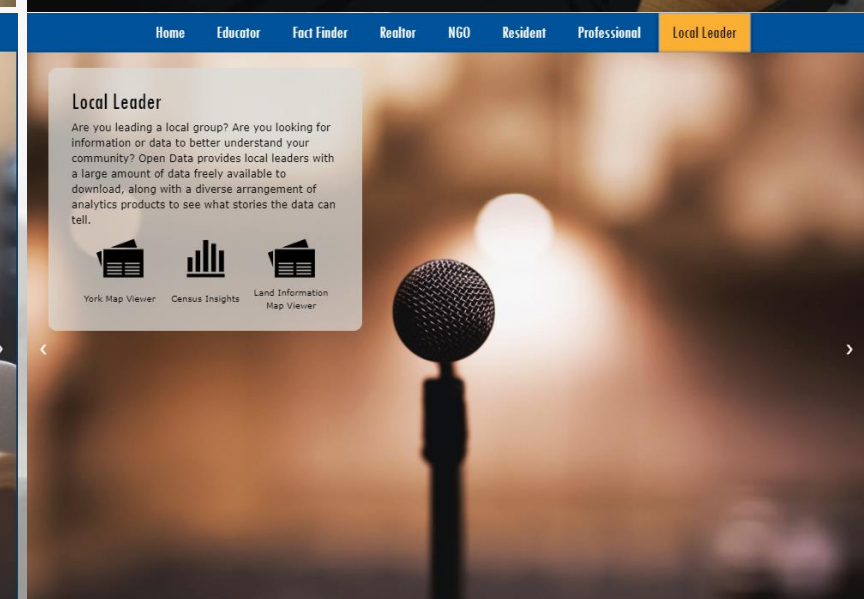
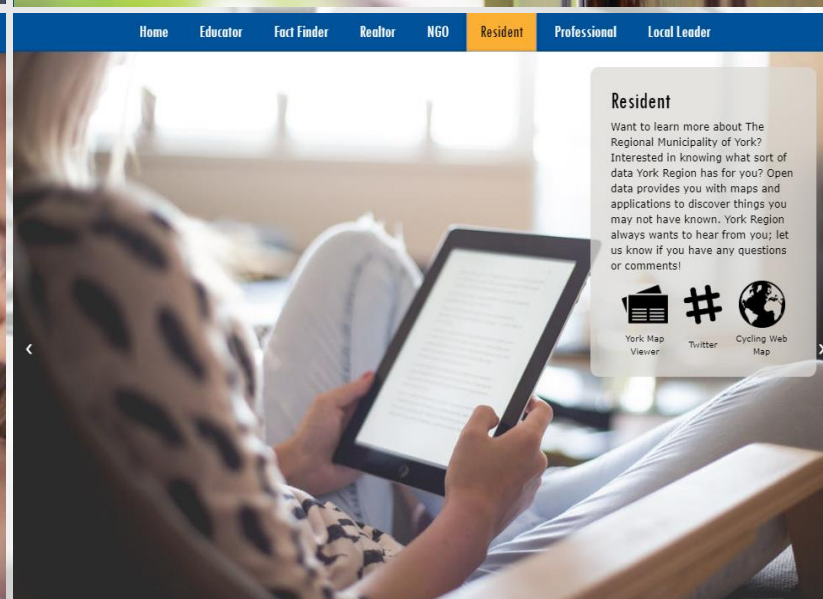
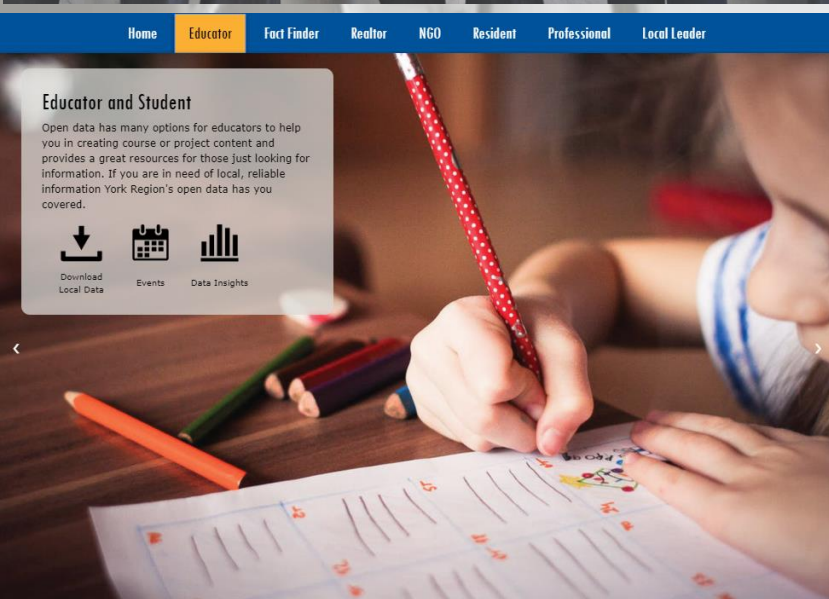
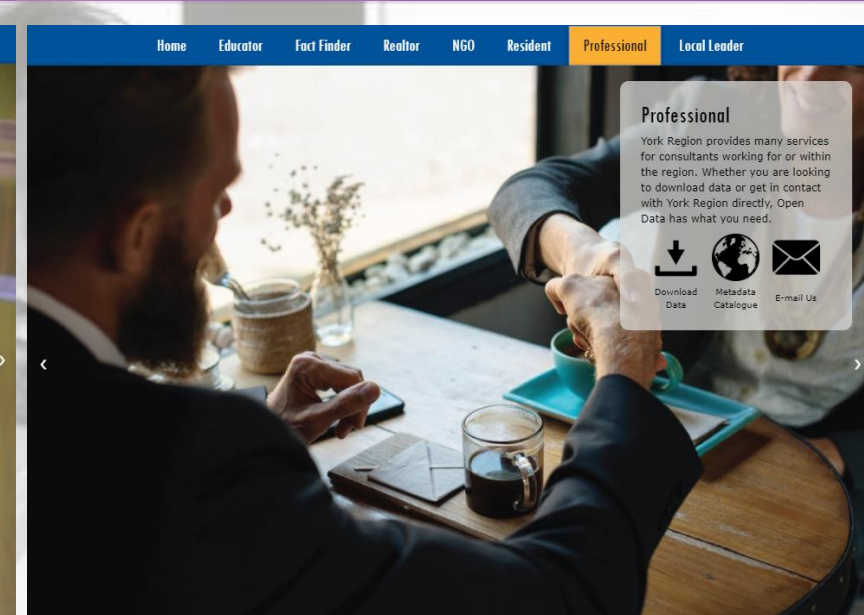
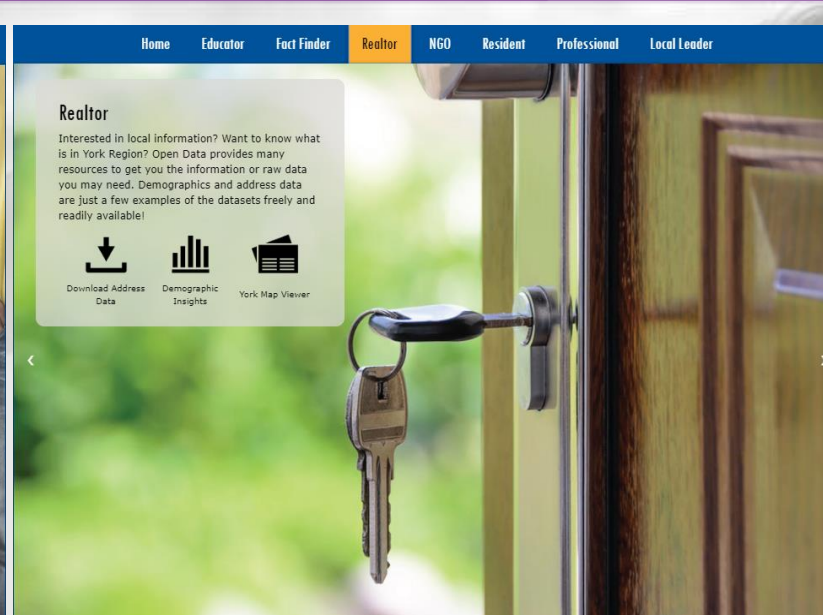
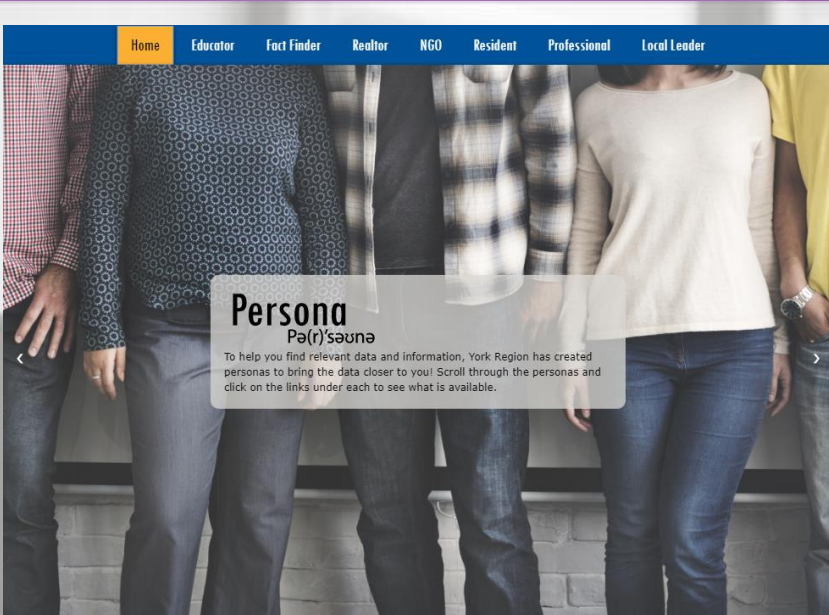
Type: Feature Layer

Last Updated: November 28, 2017

Rows: 1,184

Tags: Demographics, Population, Society, Statistics

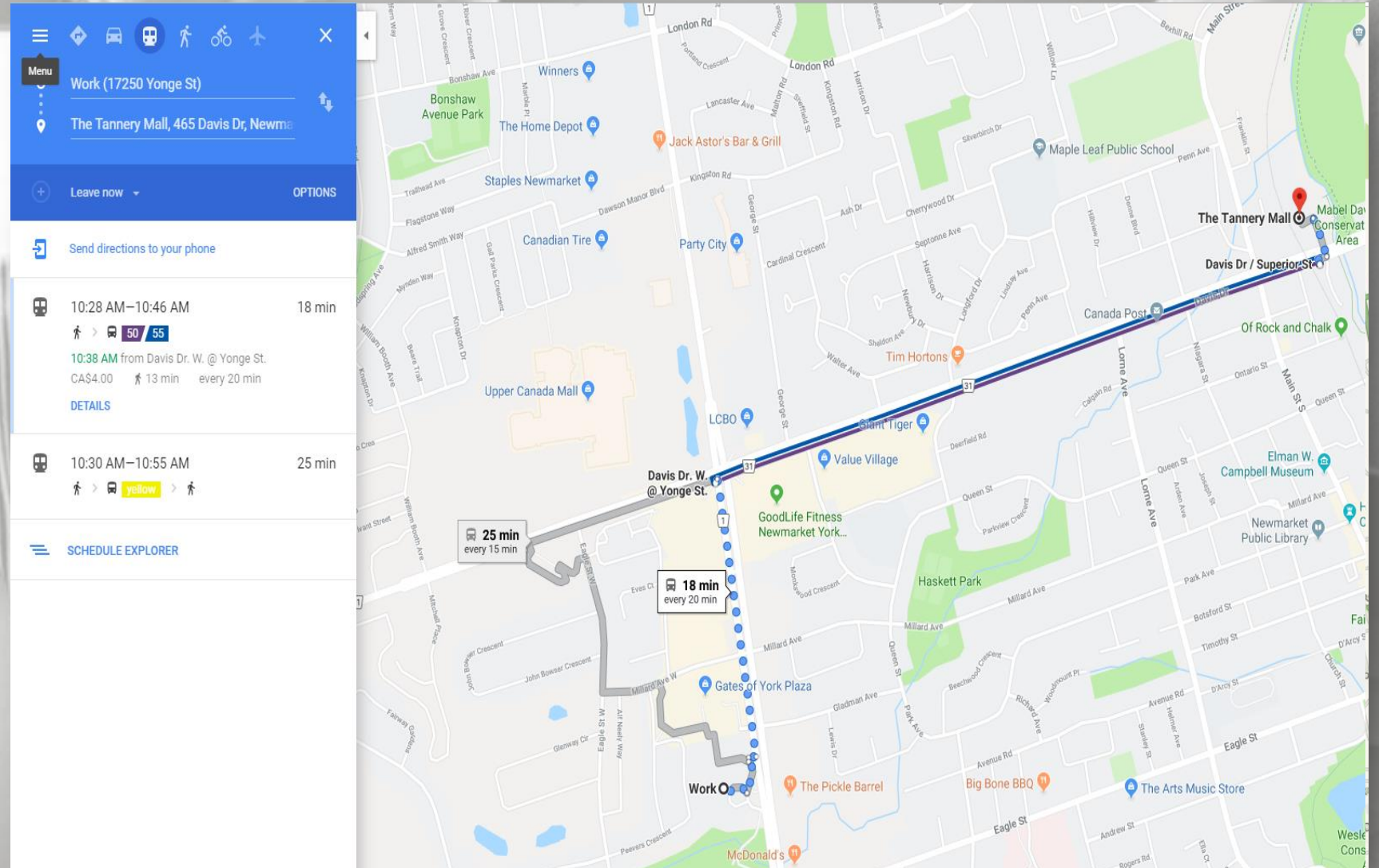
ENHANCING THE CUSTOMER EXPERIENCE



TURNING DATA TO INSIGHT



PUTTING DATA WHERE PEOPLES EYES ARE



ENGAGING THE NEXT GENERATION

42

of Students

8

of Teachers

21

of YR Staff who
contributed to the day

4

of Industry Professionals
(outside the Region)

∞

of Ideas generated

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Students explore world of automated transportation technology


York Region District School Board specialist high-skills major students collaborated with automated transportation experts from the Regional Municipality of York, Ministry of Transportation and Erwin Hymer Group North America in Newmarket yesterday

Nov 22, 2018 5:13 PM by: [Debora Kelly](#)



4 / 5 York Region District School Board curriculum consultant Christopher Tucker, Debora Kelly/NewmarketToday

High school students from across York Region teamed up with industry professionals yesterday to explore the future of transportation.



Newmarket Lions

Catch the Ace

Lottery

New draw every Tuesday
Tickets \$5 each
Ace of Spades Jackpot
this week is estimated at
\$1,000.00

Weekly winner receives
20% of the weekly sales

Buy Tickets Now

Make Your #Someday Happen

Patti Derkson
Mobile Mortgage Specialist
(289) 221-0043

Contact me now > patti.derkson@rbc.com

TODAY'S POLL

Do you feel safe in your neighbourhood?

☐ Yes

☐ No

York Region @YorkRegionGovt Follow

Today @YRDSB students are participating in an Open Data Workshop hosted by York Region. We're presenting on autonomous vehicle technology, demonstrating open data and how it supports communities, and moving on to hands-on activities, including an inside look at a driverless car.



6:48 AM - 21 Nov 2018

5 Retweets 17 Likes

5 17

FILLING THE DATA PIPELINE



▶ 10 ❤️ 0 📁 0 💬 0

Download ⬇



THANK YOU



ACKNOWLEDGEMENTS

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