Demographic Trends and Product Updates 2021

By Environics Analytics

**ENVIRONICS** 

# Today's Presenters







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Data Development

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Product Management

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Vice President,
Data Product Management

# Demographic Trends in Canada

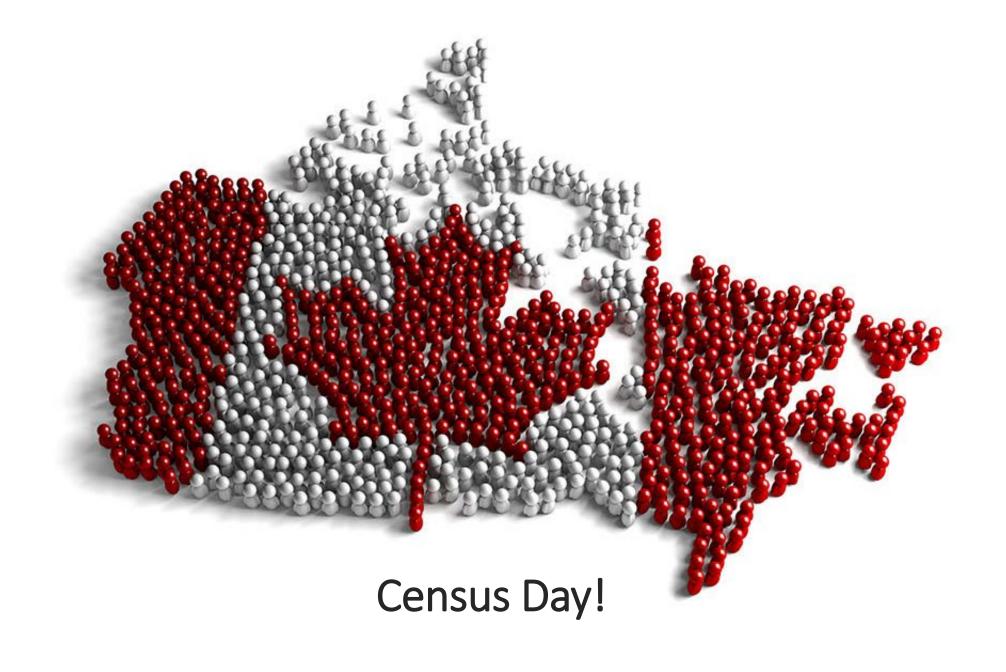




# Agenda

- Population Trends in Canada
- Provincial and Regional Trends
- Cultural Diversity
- Gen X and PRIZM
- Economic Outlook

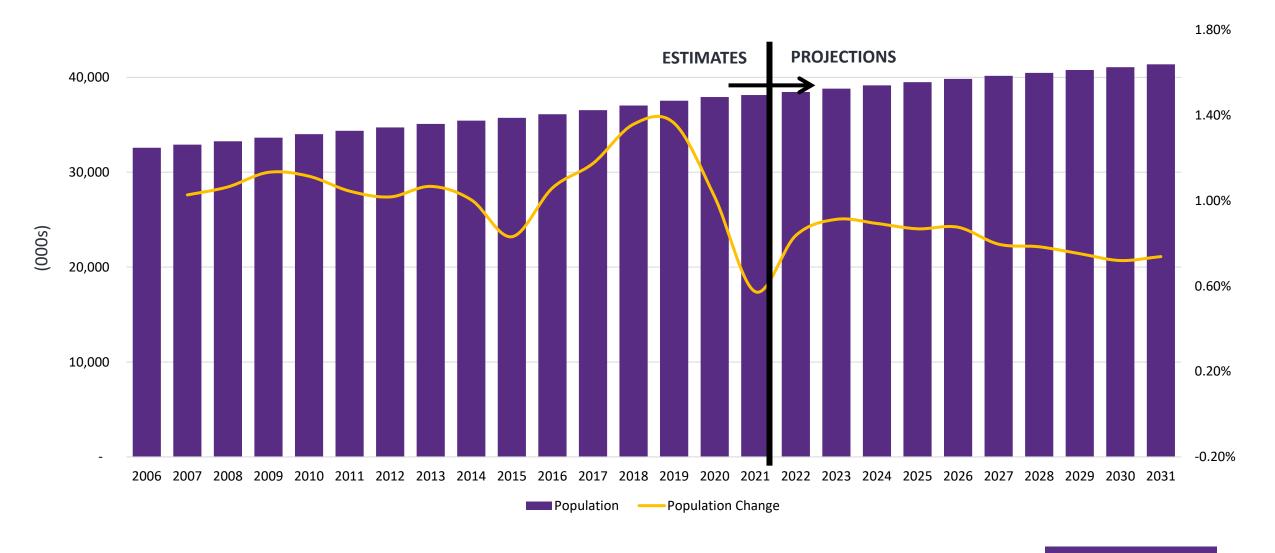




# Population Trends

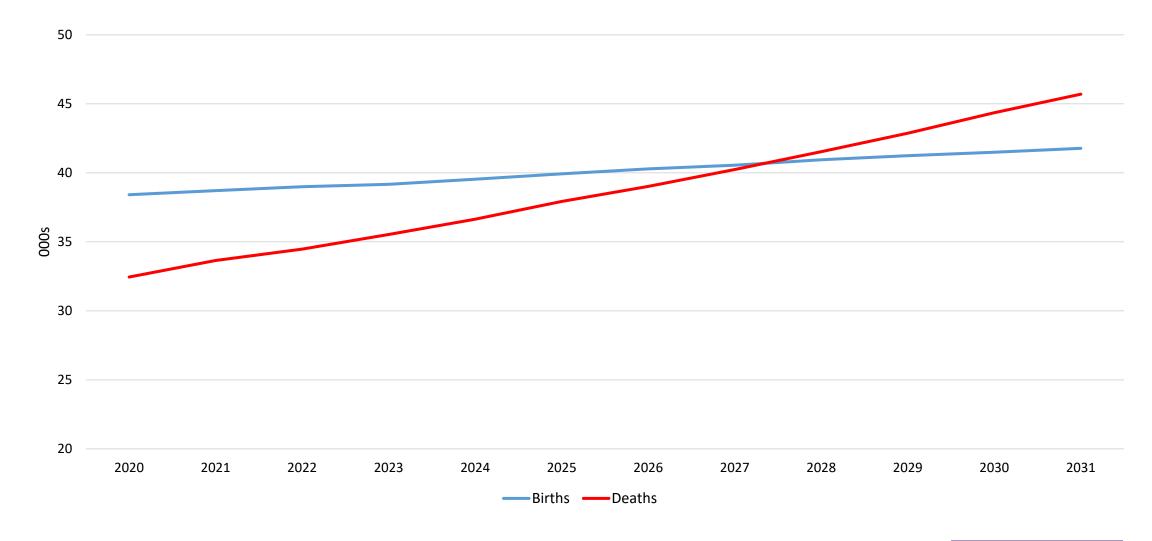


# Population Trends in Canada





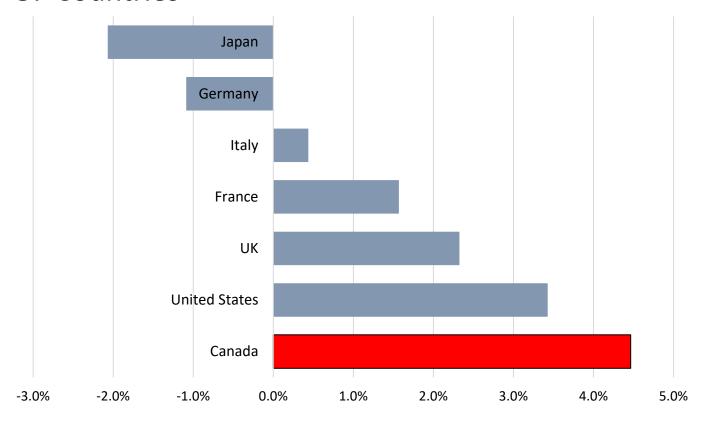
# Natural Increase Declining





### Canada's 5 Year Growth

### **G7** Countries



#### **G20** Countries

Rank	Country % Growt		% Growth
1	Saudi Arabia		8.7%
2	Australia		6.0%
3	India		5.0%
4	Mexico		5.0%
5	Canada		4.5%
6	Argentina		4.5%
7	Indonesia		3.8 <mark>%</mark>
8	United States		3.4%
9	Turkey		3.2%
10	Brazil		3.1%

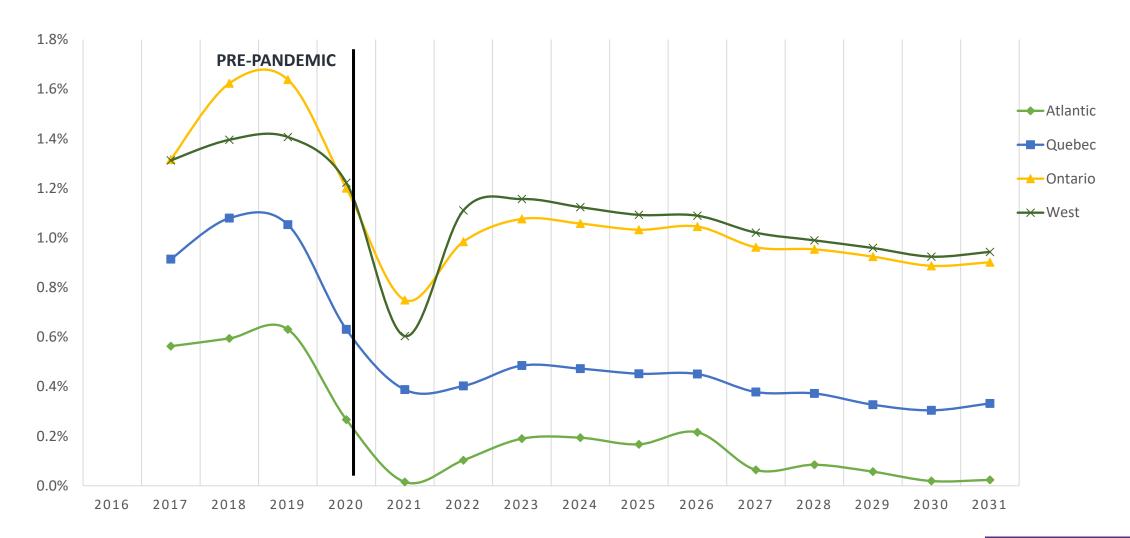
Source: U.S. Census Bureau - International Data Base (IDB), December 2020



# Provincial and Regional Trends

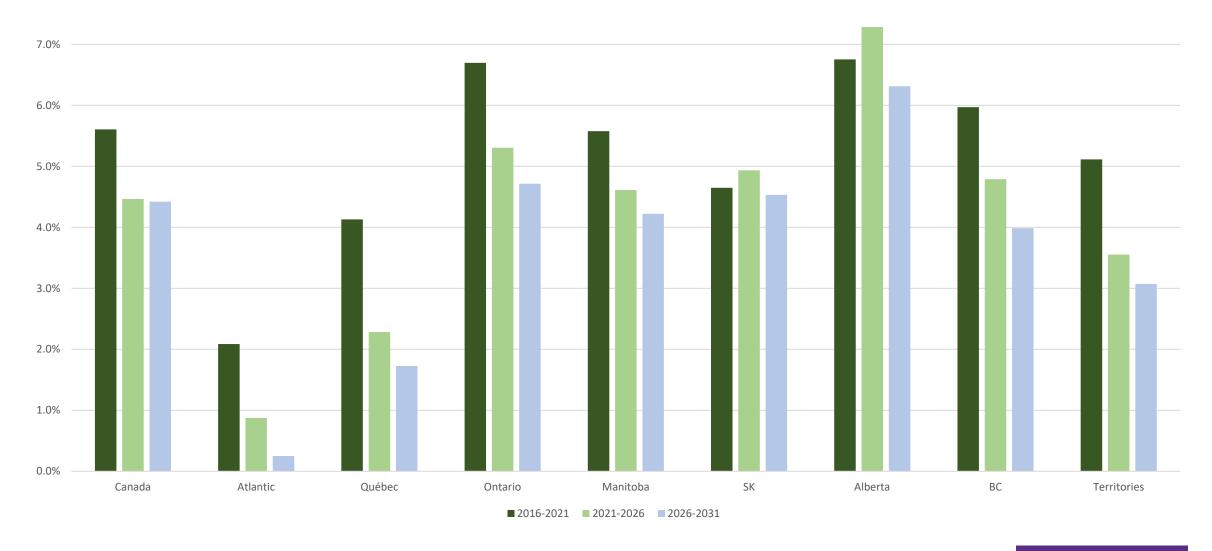


### Provinces: Year Over Year Growth



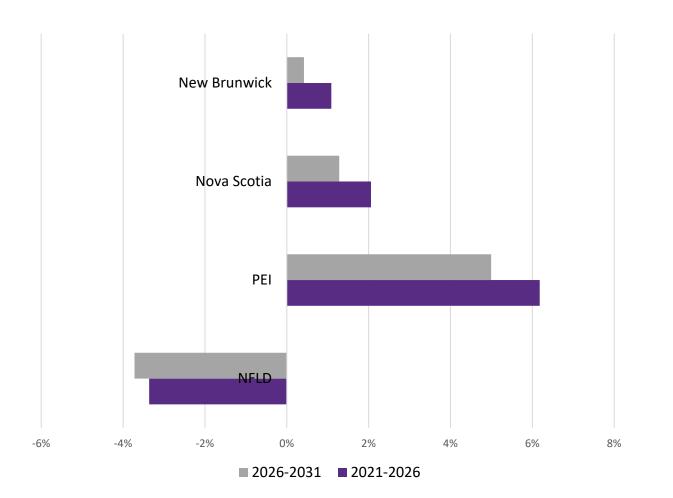


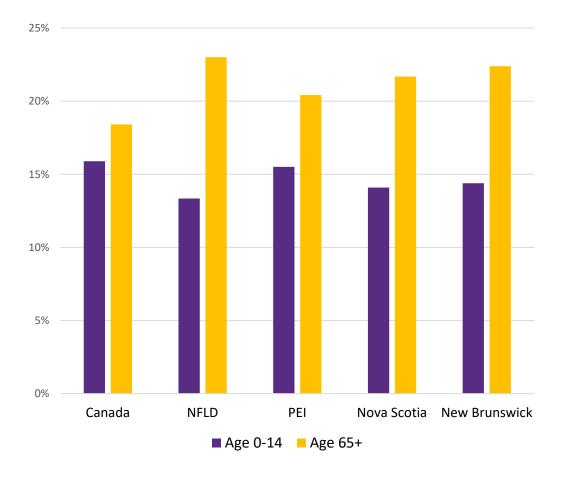
### Provinces: 5 Year Trends





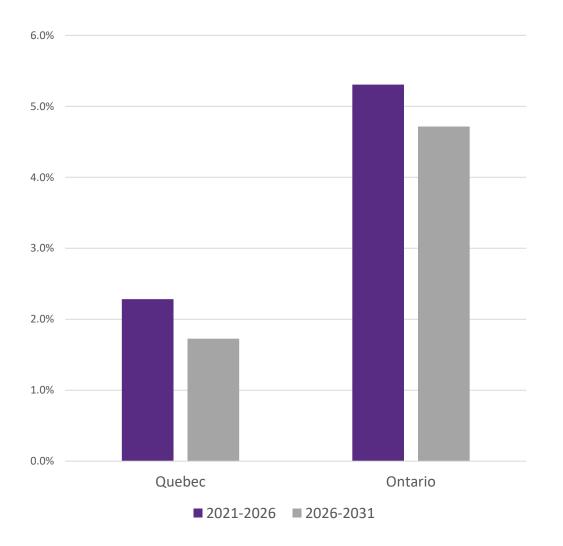
### **Atlantic Provinces**







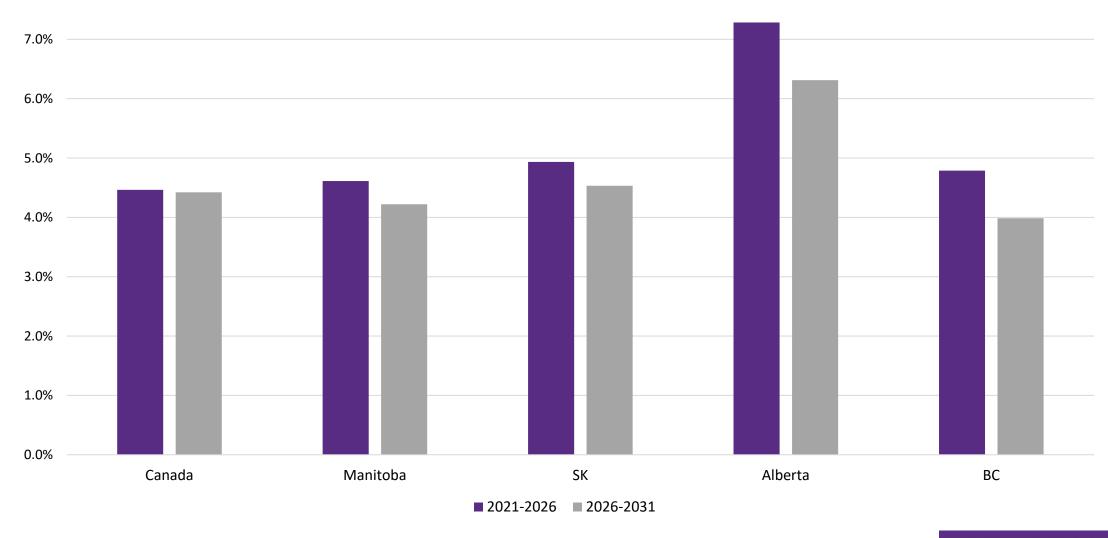
### Central Provinces: Ontario & Quebec



	Municipality	2021-2026		
	Municipality	% Growth		
Ontario	Milton	20.3%		
	Brampton	14.1%		
	Ajax	<u>10.</u> 4%		
	Waterloo	7.7%		
	Barrie	7.7%		
Quebec	Mirabel	9.5%		
	Châteauguay	8.1%		
	Mascouche	7.9%		
	Brossard	7.9%		
	Terrebonne	4.4%		

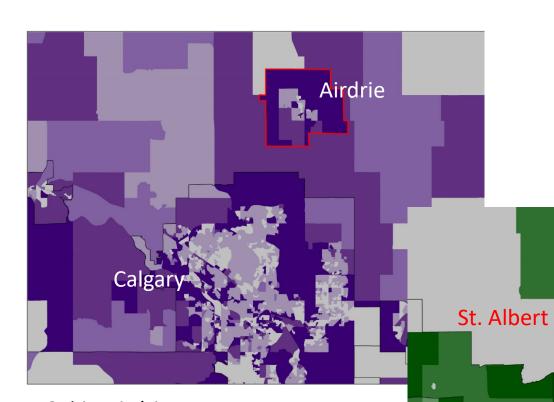


# Western Provinces

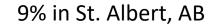


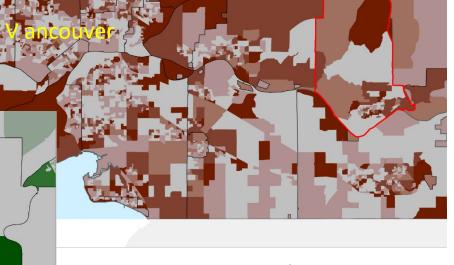


### Western Provinces: Growth



12% in Airdrie, AB





8% in Mission, B.C.



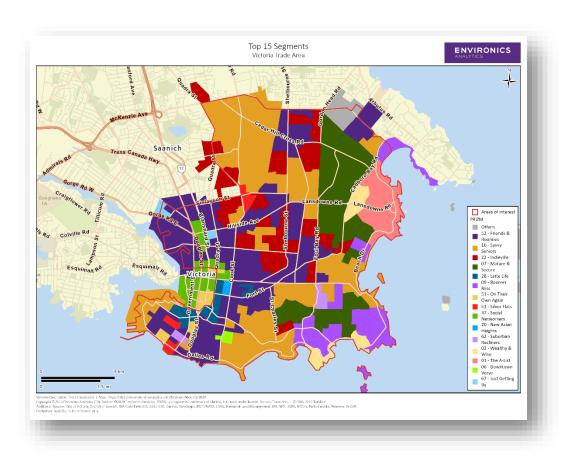
# **PRIZM**



### What is it?



- PRIZM® is our pioneering segmentation system that classifies Canada's neighbourhoods into 67 unique lifestyle types
- Built using methodology that integrates latest data from nearly a dozen geographic, demographic, media and psychographic sources
- Provides the foundation for building custom segments that are aligned to your goals and objectives
- Ability to link to over 30,000 behavioural variables to help you better analyze, understand, and find your customers and markets
- Unique assignment at 6-digit postal code level or at dissemination area level





### **PRIZM Overview**

The PRIZM segmentation system classifies Canada's neighbourhoods at a postal code-level into actionable, lifestyle segments.





Look up your segment! <a href="https://prizm.environicsanalytics.com/">https://prizm.environicsanalytics.com/</a>

#### **PRIZM Captures:**



Aging population



Increased cultural diversity



More urban lifestyles; Emerging urban Fringe



Emergence of Millennial lifestyles



Evolving household types

M4W 3H1

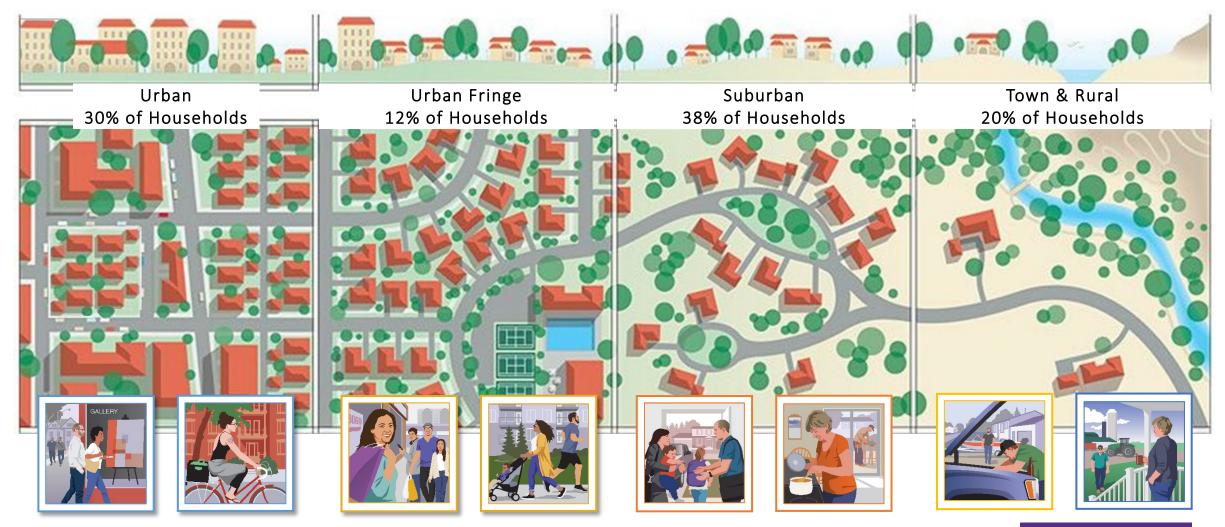
Uniqueness of each 6-digit postal code

- Best in class methodologies and multiple recent data sources combine for a granular view that confirms the big picture from the ground up
- Assigns neighborhoods to a lifestyle segment at a postal code level based on demographics, psychographics, and other behaviors

Source: PRIZM 2021



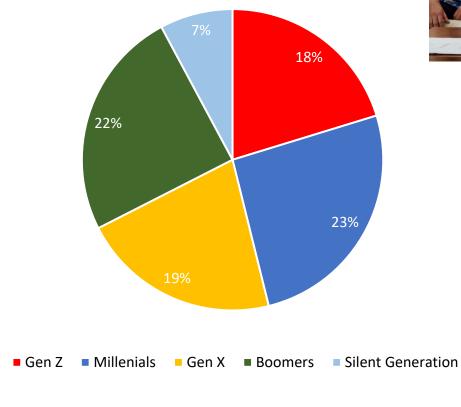
# **Urbanity**



# Generation X



### Generation X

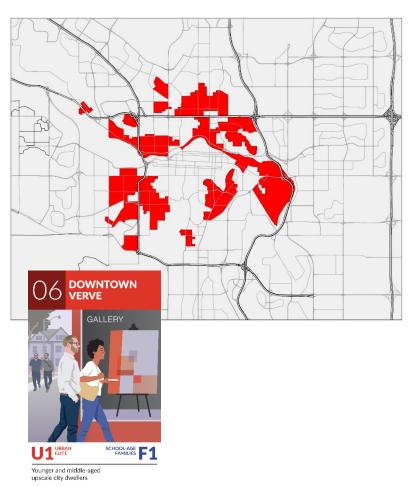




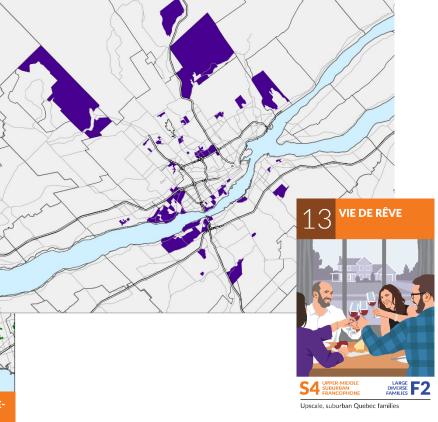




### **Generation X: PRIZM**







### Canada's Generation X: PRIZM



\$ 170,830

Single Detached/Low Rise Apt/Semi

University

Camping/Boating Art Galleries/Museums Restaurants/Bars

Pharmacies for Vaccine



\$ 157,740

Single Detached

University

Golfing/Fitness Classes **Video Gaming** Golfing

Family Doctor for Vaccine



\$ 175,149

Single Detached

University/College/Trade School

Camping/Cross-country skiing **Music Concerts** Home entertaining

Belief of Vaccine Effectiveness



**INCOME** 

**DWELLING TYPE** 

**EDUCATION** 

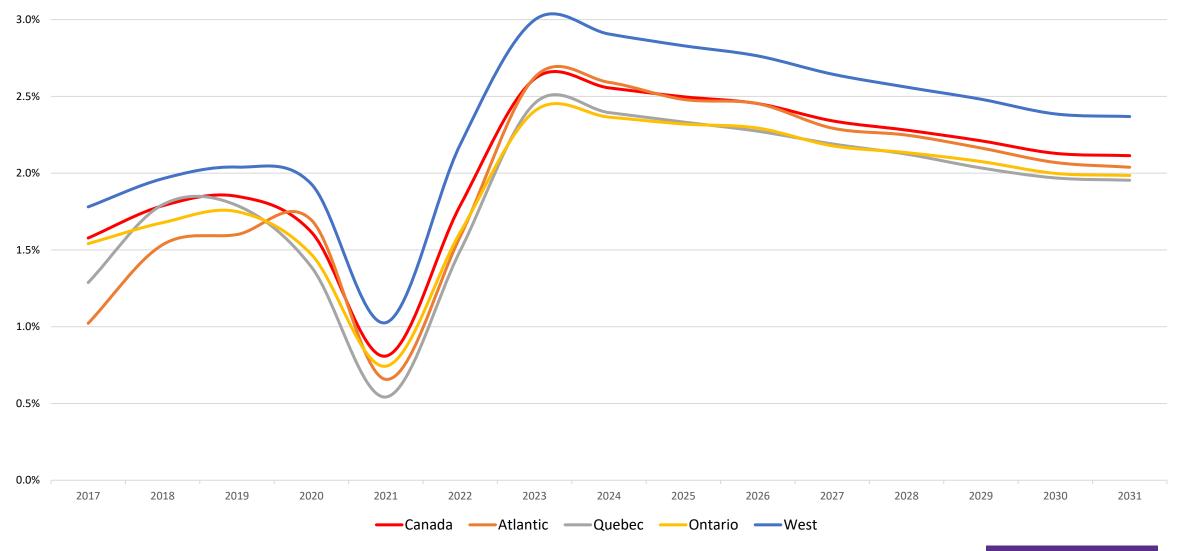
**LEISURE** 

COVID-19

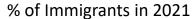
# **Cultural Diversity**

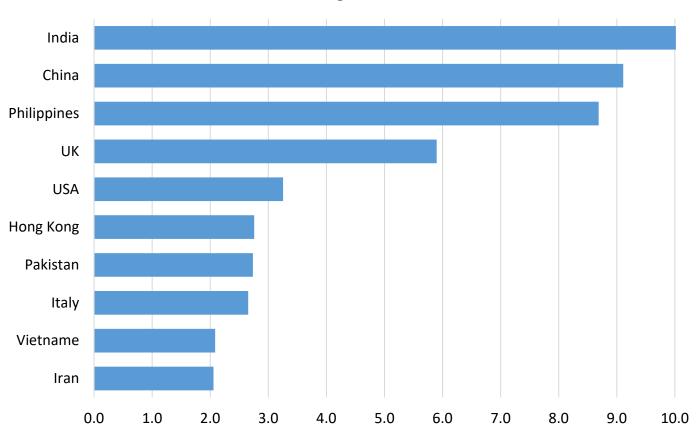


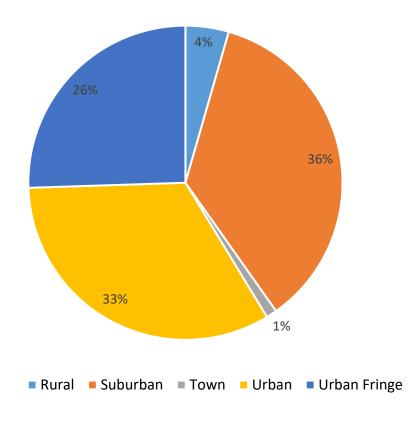
# Immigrants: Year Over Year Growth



# Immigrants In Canada



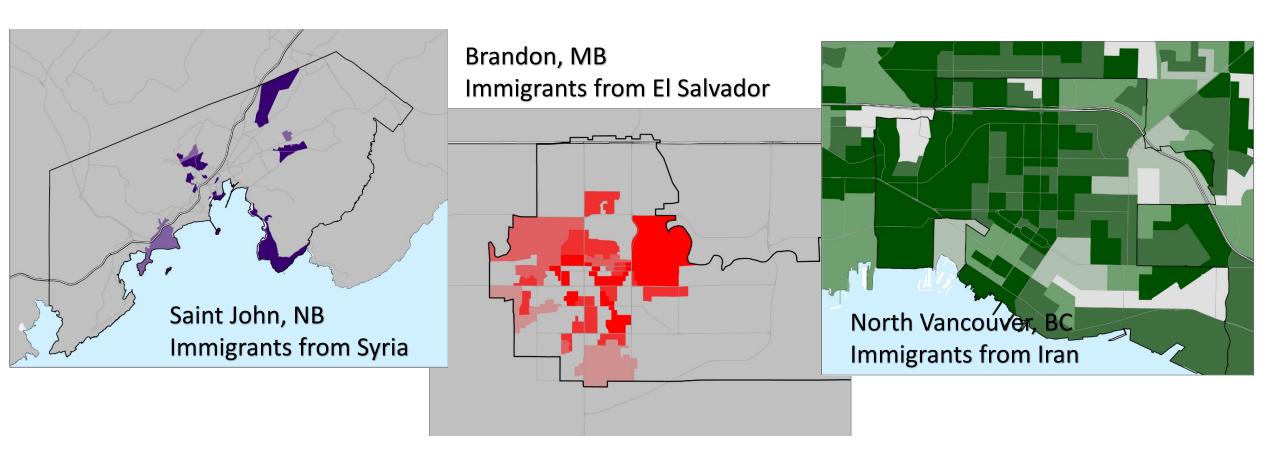






# Immigrants: Regional Variation

CMA	Rank 1	Rank 2 Rank 3		Rank 4	Rank 5
Toronto	India (13%)	China (10%) Philippines (8%) Pakistan (		Pakistan (5%)	Hong Kong (4%)
Montreal	Haiti (8%)	Algeria (6%)	Morocco (6%)	France (6%)	China (5%)
Vancouver	China (20%)	India (14%)	Philippines (11%)	Hong Kong (7%)	UK (5%)
Calgary	Philippines (15%)	India (13%)	China (9%)	UK (6%)	Pakistan (4%)
Edmonton	Philippines (16%)	India (14%)	China (7%)	UK (5%)	Vietnam (3%)
Ottawa	China (8%)	UK (6%)	Lebanon (5%)	India (5%)	Philippines (4%)

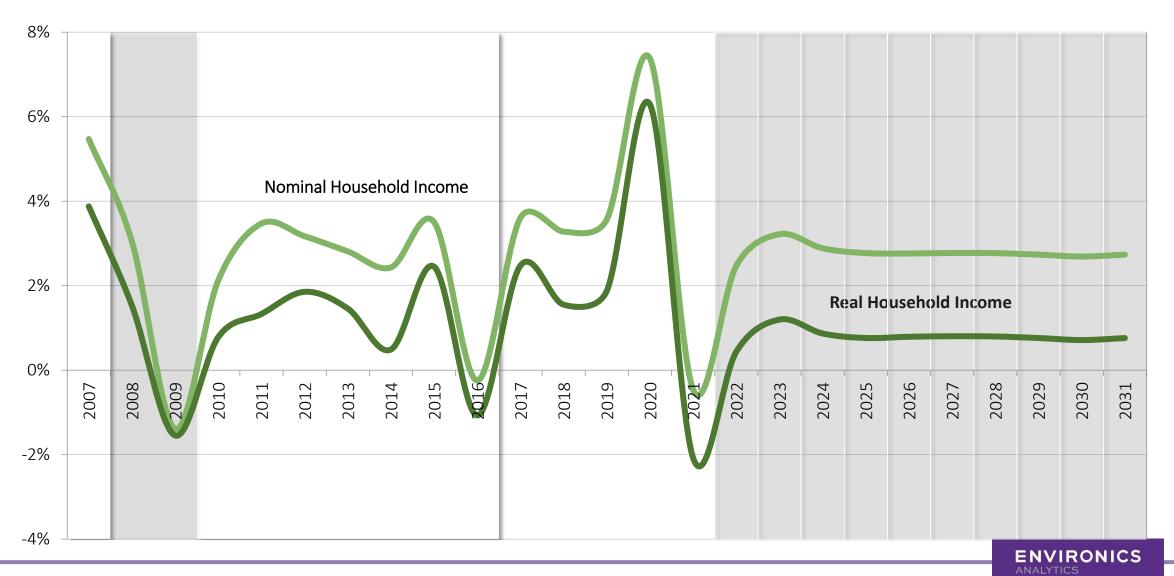


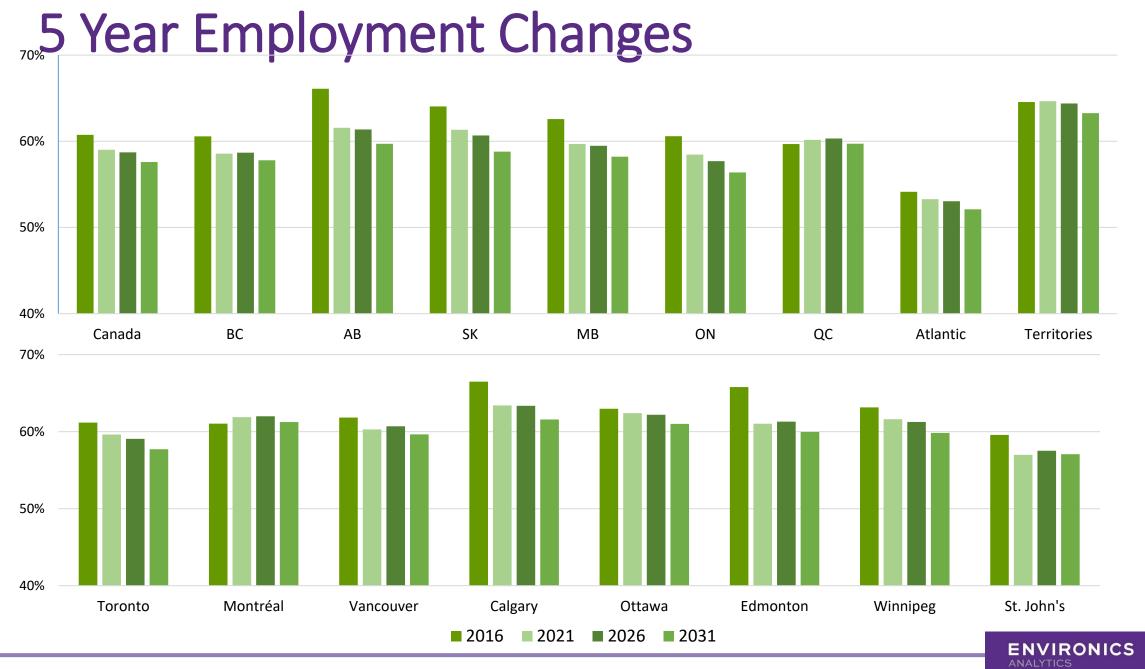
# Immigrants by Country of Birth



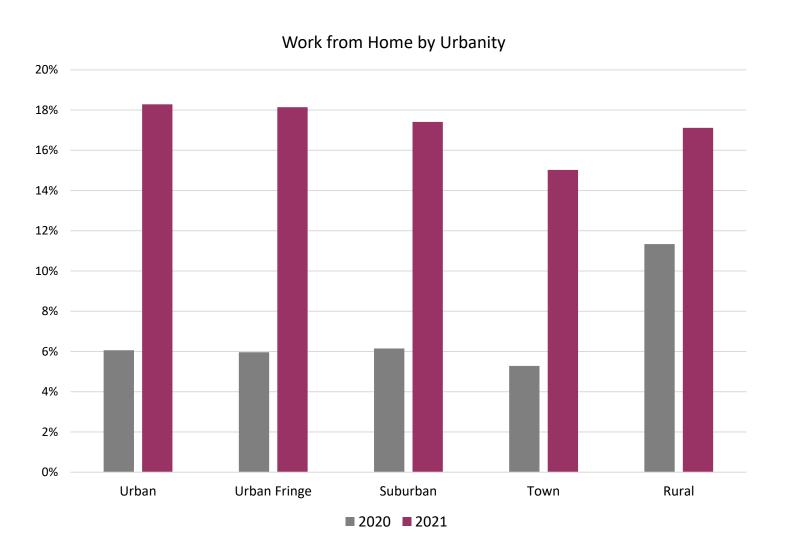


### National Household Income Trends





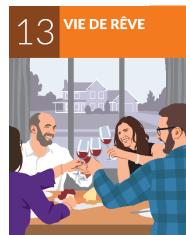
### Place of Work: Work from Home







Younger, well-educated urban singles





DIVERSE F2

Upscale, suburban Quebec families



Young, urban Quebec singles



# Important Updates to Our Canadian Products





### 2021 Year-to-Date Product Updates

#### **Demographic**







#### Segmentation







#### **Behavioural**















#### **Psychographic**



#### Health





#### **Mobile Analytics**



#### **Geographic & Locational**















New or rebuilt



### 2021 Year-to-Date Product Updates

#### **Demographic**







#### Segmentation







#### **Behavioural**















#### **Psychographic**



#### Health



Mobile Analytics



#### **Geographic & Locational**













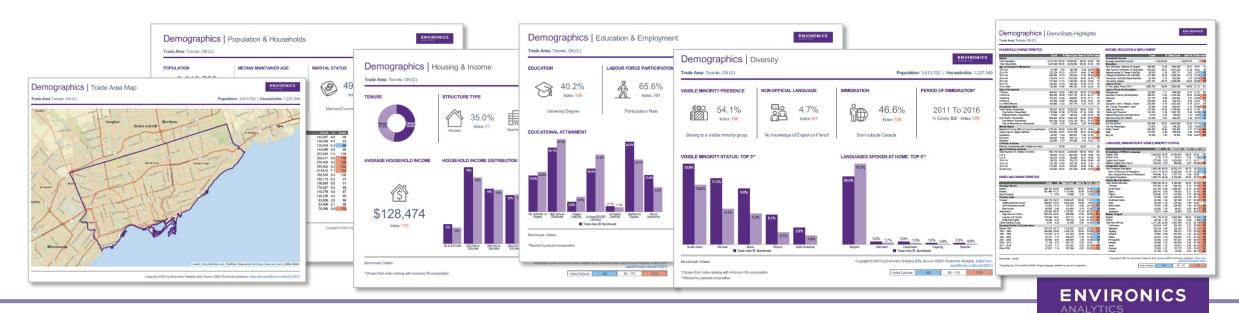


New or rebuilt



## **DemoStats**

- Important Trends due to the COVID-19 Pandemic:
  - Decline in population growth due to the slow-down in immigration
  - Employment and unemployment rates impacted labour force, occupation and place of work variables
- Current-year estimates for 763 variables and projections for 497 variables (H5, P3, P5, P10)
- Also, DemoStats Trends provides single year estimates from 2006-2021 & 2022-2041 for:
  - Household, population, aggregate and average household income variables as counts and annual % change



## **PRIZM**

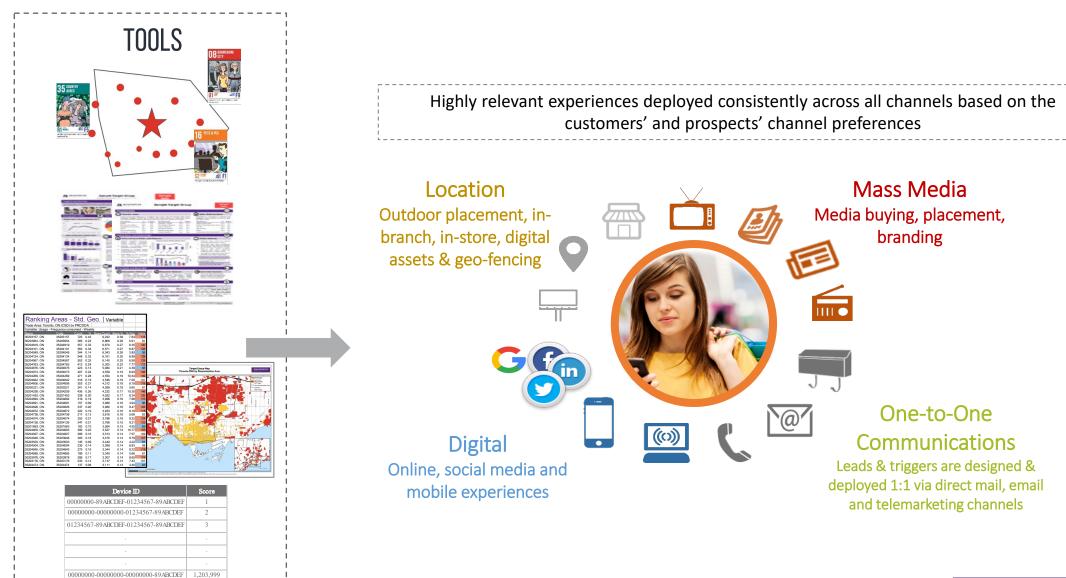
- PRIZM was rebuilt and upgraded in 2020. These 67 segment names remain.
- PRIZM assignments to the postal code or dissemination area may change to reflect the latest ePCCF, updates to demographics and updates to other data inputs.
  - We update the PRIZM Handbook and QRGs so that descriptions are based on updated products
- Quick Reference Guide now includes two new categories:

Post-Covid most look forward to shopping	Weekly Commuting Movement January 2021 vs January 2020				
Very-High	Very Active				
High	Active				
Average	Moderately Active				
Low	Lightly Active				
Very-Low	Sedentary				

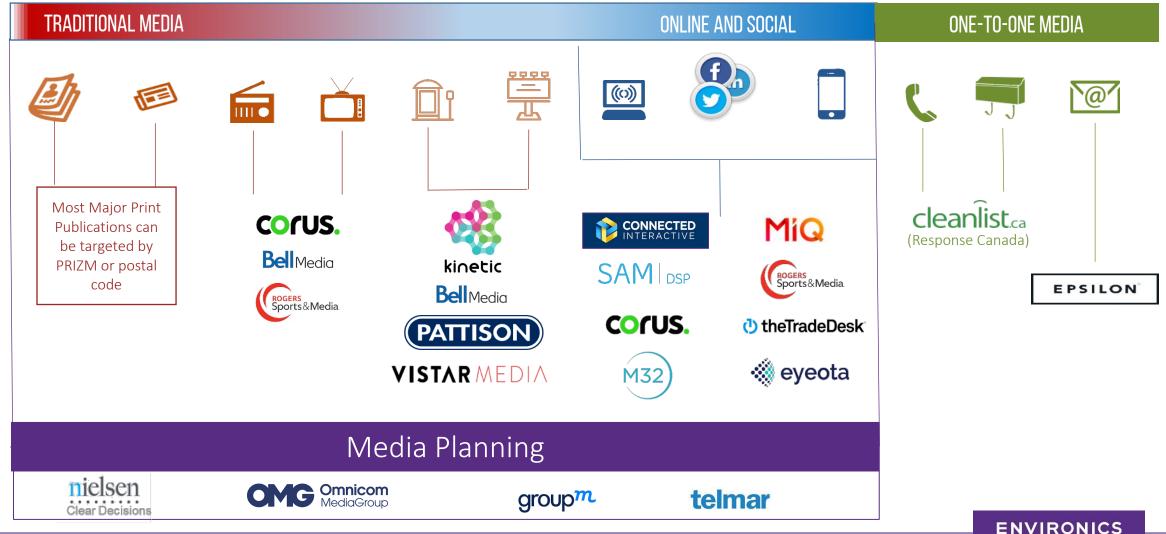




## **End-to-End Targeting from Strategy to Activation**

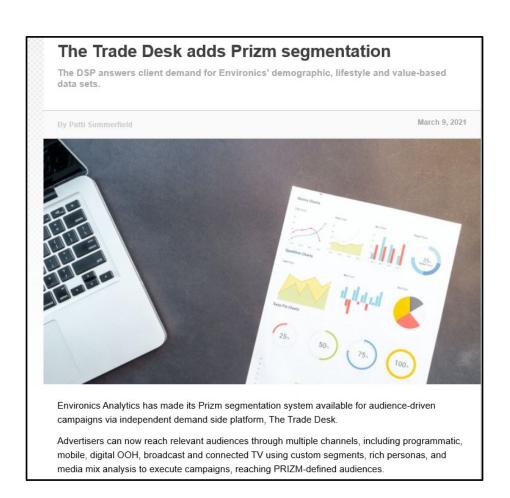


# How We Help Activate: Partners and Platforms



## The Trade Desk

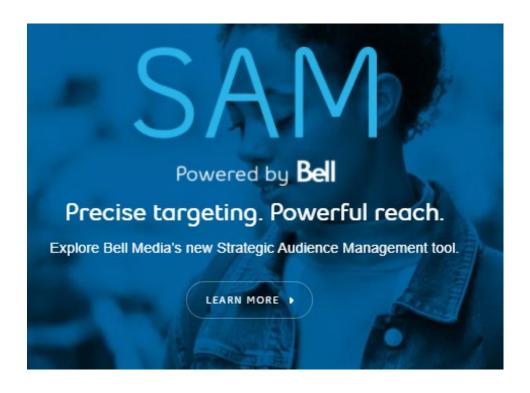
- PRIZM now available for audience-driven campaigns
- Advertisers can reach relevant audiences through multiple channels using custom segments, rich personas and media mix analysis through PRIZM:
  - Programmatic
  - Mobile
  - Digital OOH
  - Broadcast & connected TV
- With PRIZM get access to over 30,000 data points
- The Bell acquisition will allow us to expand the demographic, media, financial, and behavioural offering through new products and additional variable content





## Bell Media's SAM DSP

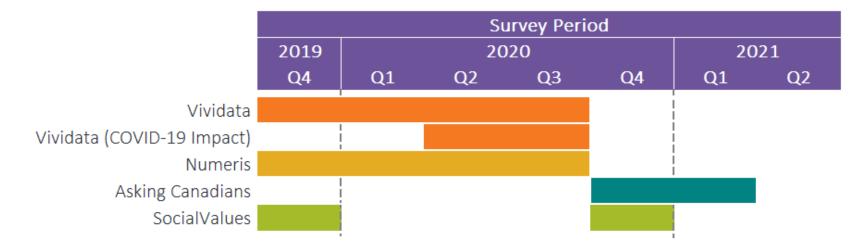
- New product powered by AdTech company Xandr to deliver proprietary omni-channel demand-side platform (DSP) for advertisers and agencies
- Easily plan, run and measure scaled, targeted campaigns using premium inventory over multiple platforms and channels, now including digital
- Integrated with SAM platform for end-to-end ad buying across broadcast, digital and OOH – 'one stop'
- Under Bell's license to use EA data for commercialization, all key EA variables will be available for Audience creation for TV and digital by end of June





# 2021 Survey Coverage by Supplier

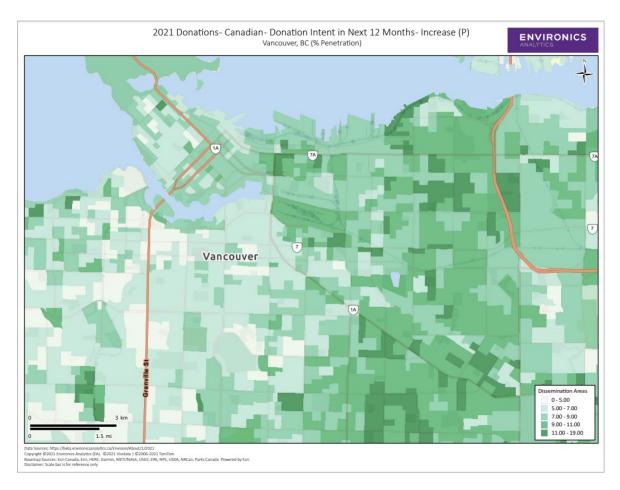
 Survey collection periods will influence how much of the pandemic is captured within our data



- Other considerations:
  - Regional difference do exist
  - Variables that describe how we consume products are more likely to be impacted by COVID-19 than variables on likes and dislikes. Although, we may see some preferences change as a result of the pandemic



# **Opticks Powered by Vividata**



- 5,143 variables in 2021
- Over 500 new variables including:



104 Shop In-Store/Online



10 Ad Blockers Reasons Used



Meal Kits & Food Delivery Services



Donation Frequency and Intent



## Opticks Powered by Vividata (Gender)

8,387 variables in 2021 with ~1000 new variables

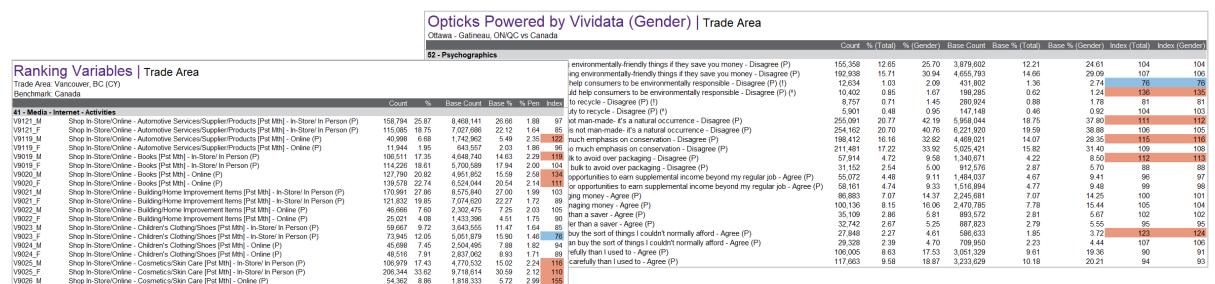
115,533 18.82

4,608,643

14.51

2.51

- Answer two important questions by using two different bases: Which gender is most likely to display a certain behaviour and what female or male segments score highest
- Custom tools are available in ENVISION to leverage these different bases





Shop In-Store/Online - Cosmetics/Skin Care [Pst Mth] - Online (P)

# Vividata — COVID-19 Impact (COMING SOON)

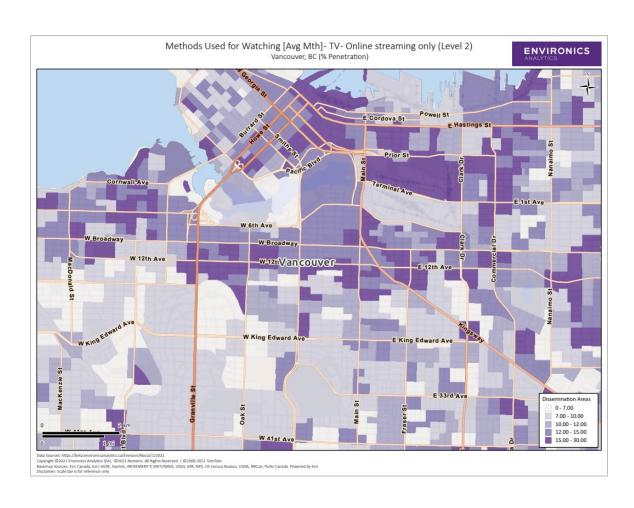


- 51 new survey questions
  - 196 variables for Vividata
  - 392 variables for Vividata (Gender)
- 4 categories:
  - Activities Look Forward To Do
  - Statements
  - Trust The Sources of Information
  - Usual Consumption

COVID-19 Impact Categories	Types of questions				
	Attending: events, festivals, concerts, sports events				
	Children going back to school				
	Dating				
	Getting back to old habits				
	Going back to work				
Activities Look Forward To Do	Going to a salon, restaurant/bar, gym, movies				
	Having physical contact with family and friends				
	Group activities, partying				
	Shopping in-store				
	Travelling				
	Using Public Transit				
Statements	Concerned about the sanitation and hygiene in stores				
	I don't people are taking COVID-19 seriously enough				
	I feel safe shopping in-store				
	I think the economy will be strong by the end of the year				
	I will continue to mostly shop online even though stores are open				
	I'm worried about my mental health due to social distancing				
	News, Radio TV				
Tourt The Courses of	Social Media				
Trust The Sources of	Government				
Information	HealthCare Professional				
	Friends and family				
	Print or digital media (newspapers and magazines)				
Usual Consumption	Radio vs. audio streaming				
	TV vs. subcription services				
	social media				



# Opticks Powered by Numeris\*

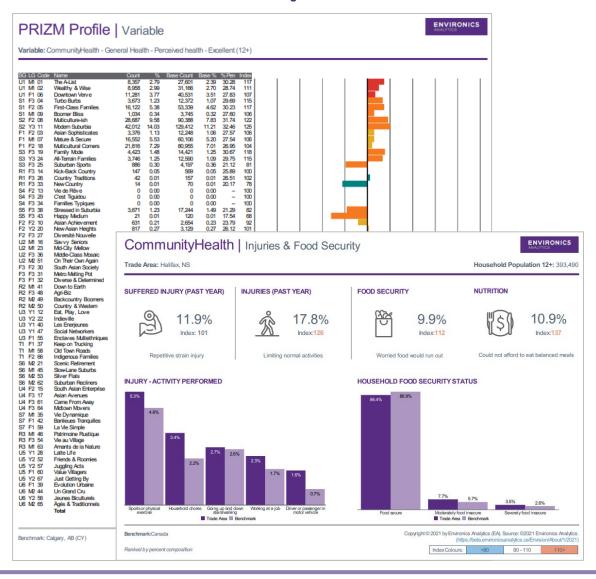


- Over 4,400 variables
- New variables on the methods used for watching content: Cable, satellite, antenna vs. online streaming
- Additional variables for digital channels i.e., Cooking Channel



<sup>\*</sup>Based on the Numeris RTS survey data

## CommunityHealth



- 491 variables in 2021
- Rebuilt using the redesigned Canadian Community Health Survey (CCHS) and includes new categories such as:



Physical Activity Levels for Youth



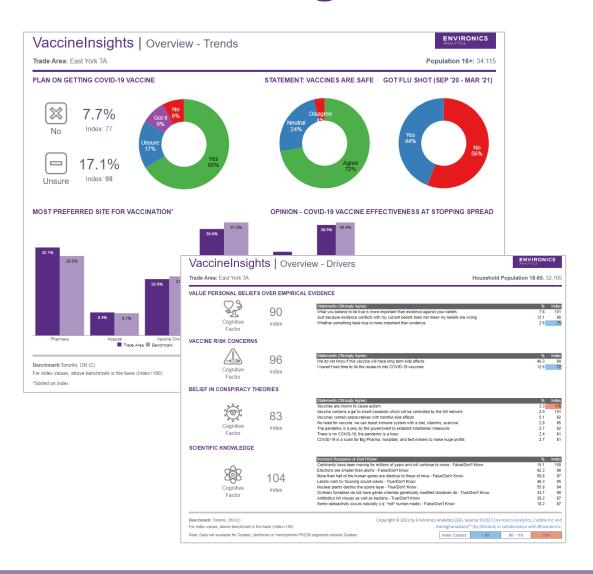
Maternal Experiences



Injuries (types, location, causes)



## VaccineInsights

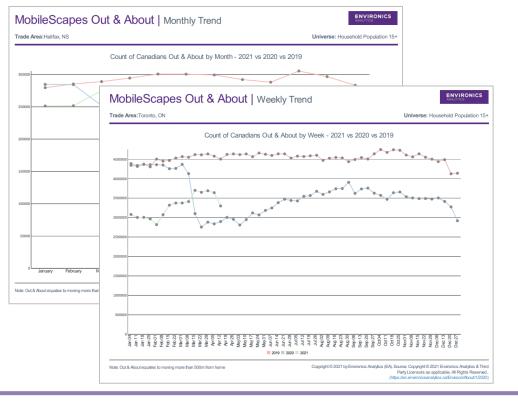


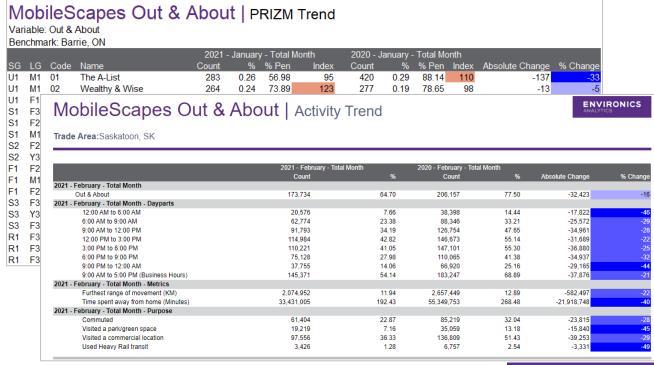
- 67 variables
- Who plans to get COVID-19 vaccine, their confidence levels and the possible reasons that may influence them
- 2 Data Sources: Caddle & BEworks in collaboration with Asking Canadians
- Government can use it with PRIZM to understand where to execute awareness campaigns & to inform the public
- Pharmaceutical retail chains can use it to understand relative vaccination demand within their catchment areas



## MobileScapes Out & About

- MobileScapes Out & About identifies movement of populations at the neighbourhood level
- These data are accessed through ENVISION through a series of purpose-built reports which are designed to allow users the ability to define which time periods and trade areas to compare giving them greater flexibility in generating trending reports







## MobileScapes Out & About



## What we did

We identified movement from inferred home location for every device in our universe and have inferred this at the neighborhood level for every DA in Canada. Projected to Population 15+.

## Business logic

Devices < 500 meters = staying home



Devices > 500 meters = on the move



## What is it?

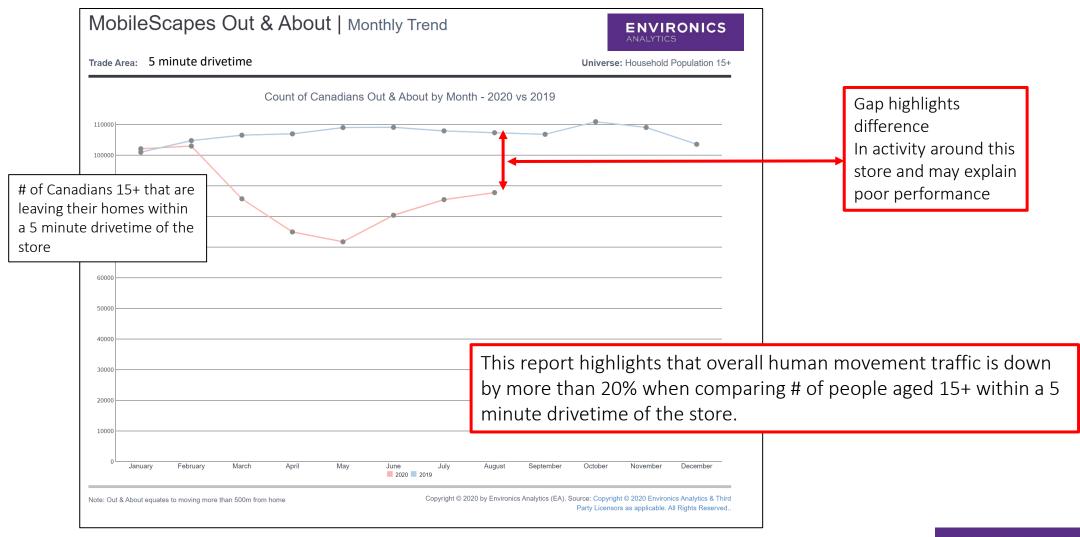
Can identify how active the residents of a trade area are, when compared to last year.

## How is it used?

Our clients are identifying how active or dormant their trade areas are based on human movement data. When are people leaving their homes? Does this explain why foot traffic is down during lunch time? How far are people traveling from their homes? How much time do they spend outside their homes compared to last year? When out, are people shopping? Going to work?



# MobileScapes Out & About Report Details



# MobileScapes Out & About Report Details

## MobileScapes Out & About | Activity Trend

NOTE: Count and % values for "Furthest distance from home (KM)" and "Time spent away from home

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Trade Area: 5 minute drivetime

	2020 - August - Total	Month	2019 - August - Total Month			
	Count	%	Count	%	Absolute Change	% Change
2020 - August - Total Month						
Out & About	105,347	70.02	127,480	86.32	-22,133	-1
2020 - August - Total Month - Dayparts						
12:00 AM to 6:00 AM	13,219	8.79	22,094	14.96	-8,875	-40
6:00 AM to 9:00 AM	30,723	20.42	51,633	34.96	-20,910	-40
9:00 AM to 12:00 PM	52,990	35.22	83,488	56.53	-30,498	-3
12:00 PM to 3:00 PM	36,198	24.06	95,588	64.73	-59,390	-63
3:00 PM to 6:00 PM	71,680	47.64	97,260	65.86	-25,580	-20
6:00 PM to 9:00 PM	63,898	42.47	83,765	56.72	-19,867	-24
9:00 PM to 12:00 AM	22,555	14.99	50,518	34.21	-27,963	-5
9:00 AM to 5:00 PM (Business Hours)	86,660	57.60	116,797	79.09	-30,137	-20
2020 - August - Total Month - Metrics						
Furthest distance from home (KM)	1,029,801	9.78	2,191,499	17.19	-1,161,698	-5
Time spent away from home (Minutes)	15,898,348	150.91	39,740,501	311.74	-23,842,153	-60
2020 - August - Total Month - Purpose						
Commuted	16,725	11.12	27,480	18.61	-10,755	-39
Visited a park/green space	21,628	14.38	39,010	26.41	-17,382	-4
Visited a commercial location	71,888	47.78	110,348	74.72	-38,460	-3
Used Heavy Rail transit	1,555	1.03	7,541	5.11	-5,986	-7

# of Canadians 15+ that are leaving their homes within a 5 minute drivetime of the store

(Minutes)" variables are aggregate and average values respectively

This report highlights that overall human movement traffic is down by more than 17% when comparing # of people aged 15+ within a 5 minute drivetime of the store.

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# **Upcoming Product Updates**

## July Release

- HouseholdSpend
- FoodSpend
- Rebuild
  Homescan® Profiles
- ShopperChoice Rebuild
- Businesses
- BusinessProfiles
- CrimeStats
- Neighbourhood View™



WealthScapes Lite

Rebuild

- AgeByIncome
- WealthTransfer
- MoneyMatters
  powered by Canadian Financial Monitor
- Financial Institutions
- Opticks Automotive

  powered by Experian
- CannabisInsights

  powered by Vividata

## October Release

- LiquidAssets
- WealthCare
- WealthTrends
- WealthScapes Fundraiser
- WealthScapes Daytime
- Financial Vulnerability Index
- Social Vulnerability Index
- Frailty Index











# 2020 Products Updated More Frequently

Twice a Year

Quarterly

**Monthly** 

Weekly

<u>Daily</u>



















# New Products & What is on the Horizon



## **New Products**

- MobileScapes geofence update
- MobileScapes Plus release
- ENVISION Cross shop functionality (coming soon)
- ClickScapes (coming soon)



## Geofence update – new additions!

# 110,000

Completed to Date

Next release scheduled for August 2021

#### **VERSION 1:**

- RETAIL GROCERY
- 2. RETAIL DRUG
- 3. RETAIL MASS MERCHANTS AND WHOLESALE CLUB
- 4. GREENSPACES (6 TYPES)
- 5. ACTIVITY GOLF
- 6. RETAIL SHOPPING CENTRES (7 TYPES)

#### **VERSION 2:**

- 7. RETAIL AUTO DEALERSHIPS
- 8. HEALTHCARE HOSPITALS

#### **VERSION 3:**

- FINANCIAL INSTITUTION CREDIT UNIONS
- 10. FINANCIAL INSTITUTION —BANKS
- RESTAURANTS -COFFEE AND DONUT SHOP
- 12. RESTAURANTS —PIZZA
- 13. RESTAURANTS QUICK SERVICE
- 14. RESTAURANTS SIT-DOWN DINING

- 15. RESTAURANTS SPECIALTY ITEMS
- 16. RETAIL CLOTHING
- 17. RETAIL SHOES
- 18. RETAIL FURNITURE AND HOME
- 19. RETAIL ELECTRONICS
- 20. RETAIL HARDWARE
- 21. RETAIL TOYS
- 22. RETAIL SPORTING GOODS
- 23. RETAIL OFFICE SUPPLIES AND STATIONERY
- 24. RETAIL COSMETICS
- 25. RETAIL JEWELRY AND ACCESSORIES
- 26. TRAVEL AIRPORTS

### **VERSION 4:**

- 27. GYMS BIG BOX FITNESS
- 28. RETAIL CANNABIS
- 29. RETAIL ALCOHOL

### **VERSION 5:**

- 32. RETAIL CONVENIENCE
- 33. RETAIL FUEL AND CONVENIENCE
- 34. RETAIL FUEL

#### **VERSION 6:**

- 35. ACTIVITY CONVENTION CENTRES
- 36. ACTIVITY PUBLIC RECREATION AND
- **COMMUNITY FACILITIES**
- 37. ACTIVITY PUBLIC LIBRARIES
- 38. TRAVEL HOTELS
- 40. ATTRACTION ENTERTAINMENT PARKS
- 41. ATTRACTION WILDLIFE ATTRACTIONS
- 42. ATTRACTION LARGE GATHERING VENUES
- 45. ATTRACTION MUSEUMS AND GALLERIES

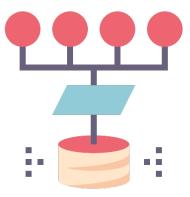
## MobileScapes Plus API Benefits Customers Who:



Have technical resources at their disposal



Want to automate frequent extract requests



Want to integrate extracts into data stores or pipelines



## MobileScapes Cross-Shop

"Loyal" = Visitors only observed in one brand's geofence.

"Non-Loyal" = Visitors observed in multiple brand geofences.

2019 Visitors	Porsche	BMW	Mercedes	Audi	Total Loyal Visitors	Total Non-Loyal Visitors	Total Visitors
Porsche	116,827	95,944	75,585	85,473	116,827	158,059	274,886
% of Visitors	42.50%	34.90% 1	27.50%	31.09%	42.50%	57.50%	100.00%
BMW	96,159	531,867	244,334	226,792	531,867	396,729	928,596
% of Visitors	10.36%	57.28%	26.31%	24.42%	57.28% 2	42.72%	100.00%
Mercedes	75,914	242,488	259,472	206,340	259,472	358,764	618,236
% of Visitors	12.28%	39.22%	41.97%	33.38%	41.97%	58.03%	100.00%
Audi	86,230	226,527	206,866	246,944	246,944	352,054	598,999
% of Visitors	14.40%	37.82%	34.54%	41.23%	41.23%	58.77%	100.00%

- 1 Among these competitors, BMW is Porsche's strongest competition in Toronto, with 35% of Porsche visitors also visiting a BMW location.
- 2 At 57%, BMW has the highest loyalty of the 4 brands.



# ClickScapes – What is it?

**Platform** Browsing history Database Answers Apps Interests Monthly Analyze Weekly feed update Companies Websites



# ClickScapes – Client Use Cases

**WHO WHERE** HOW EAT, PLAY, LOVE EAT, PLAY, LOVE See if campaigns increased Look at the competition Identify web trends traffic to your website

## Questions?



## **Environics Analytics**

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