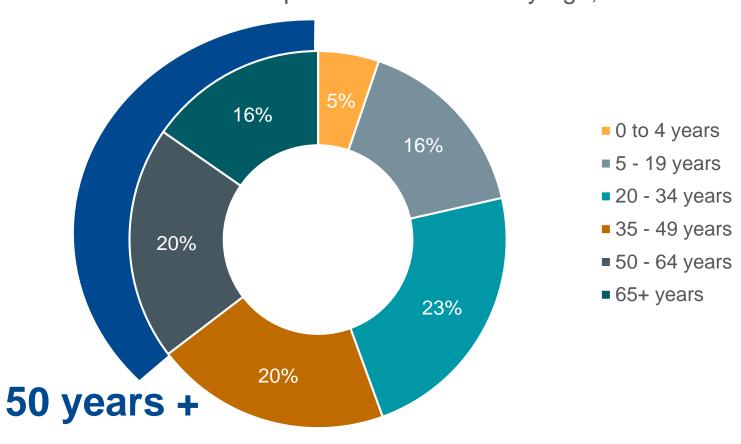




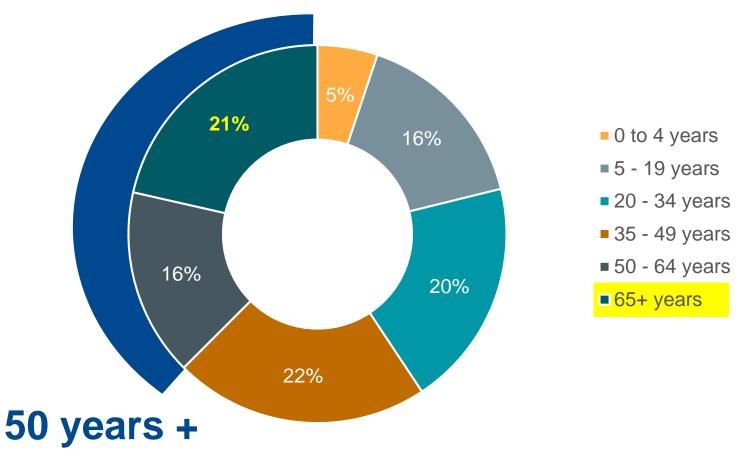
Aging Population

Ottawa Population Distribution by Age, 2017

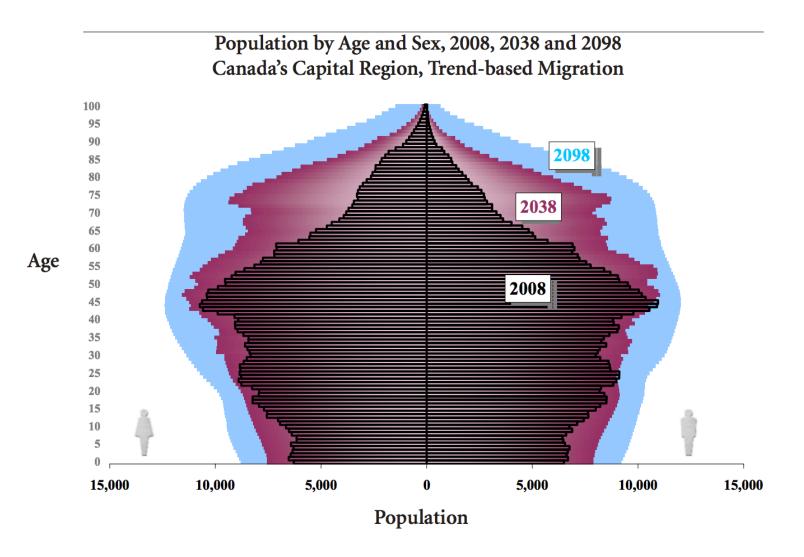


Aging Population

Ottawa Population Distribution Projection by Age, 2036



Aging Population



PROPOSED SCHOOL CLOSURES

The Ottawa-Carleton District School Board is debating a staff report that recommends closing seven schools in the west end.



Schools with low enrolment (less than 60% capacity)

	SCHOOL	ENROLMENT & PERCENTAGE OF CAPACITY
1.	Century Public School	229 51.6%
2.	D.A. Moodie Intermediate	351 69.9%
3.	Grant Alternative School	93 38.3%
4.	Greenbank Middle School	378 68.6%
5.	J.H. Putman Public School	321 94.4%
6.	Leslie Park Public School	125 43.4%
7.	Regina Street Public School	146 48.7%

SOURCE: OTTAWA-CARLETON DISTRICT SCHOOL BOARD, 2015 STATISTICS

JACQUIE MILLER AND DENNIS LEUNG

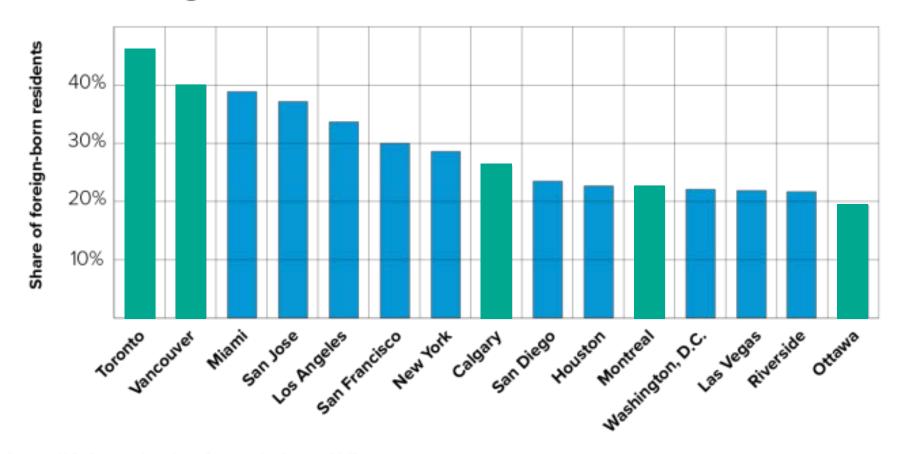


Source: 1310 News





U.S. and Canadian Metros with Highest Shares of Foreign-Born Residents



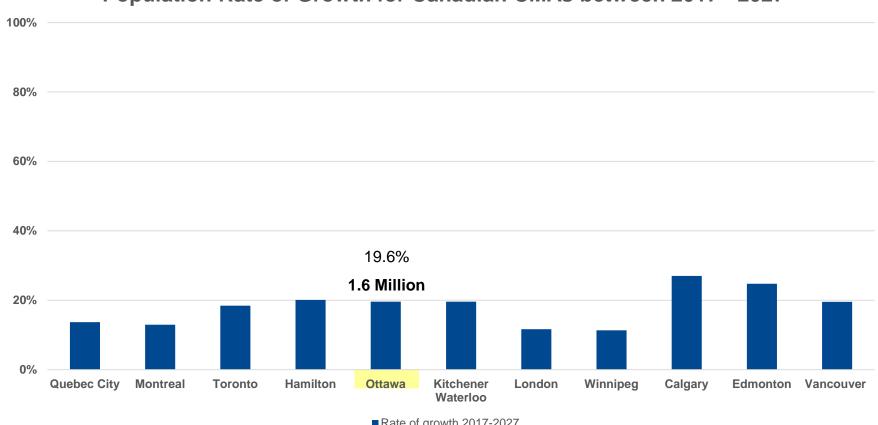
Source: U.S. Census American Community Survey 2015; Statistics Canada, 2011 National Household Survey





Projected rate of growth for Canadian CMAs 2017 - 2027

Population Rate of Growth for Canadian CMAs between 2017 - 2027

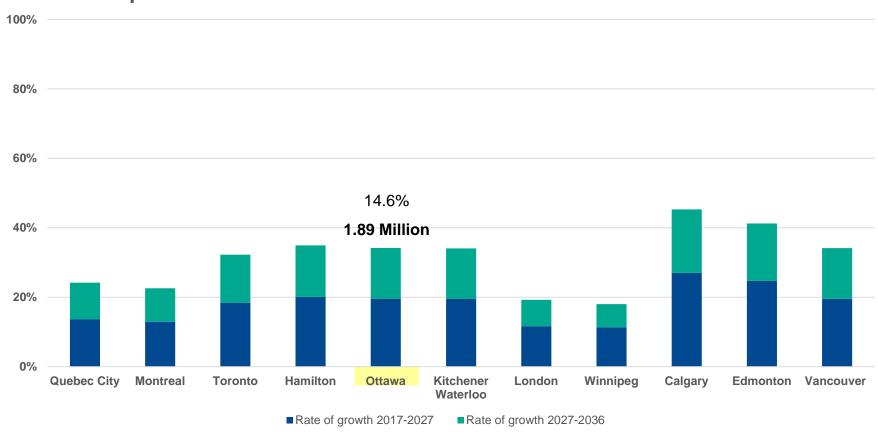






Projected rate of growth for Canadian CMAs 2017 - 2036

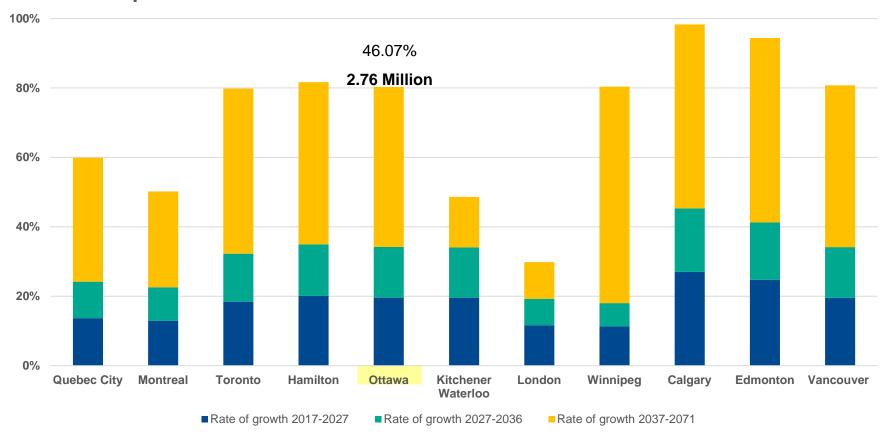
Population Rate of Growth for Canadian CMAs between 2017 - 2036





Projected rate of growth for Canadian CMAs 2017 - 2071

Population Rate of Growth for Canadian CMAs between 2017 - 2071



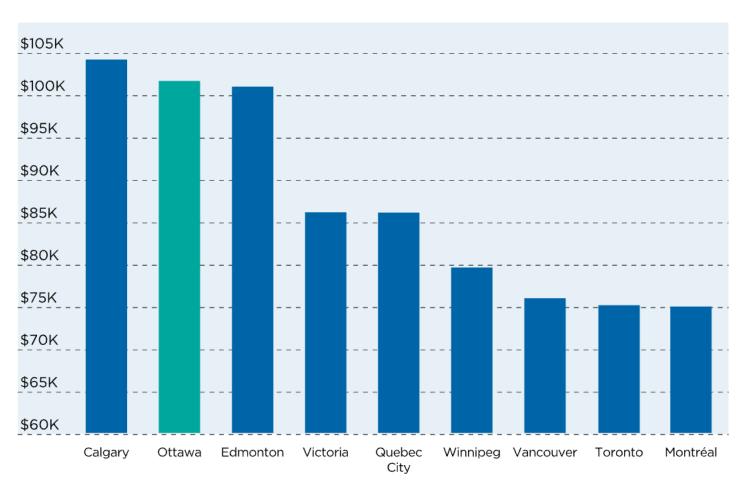




Being a capital city is important in so many ways



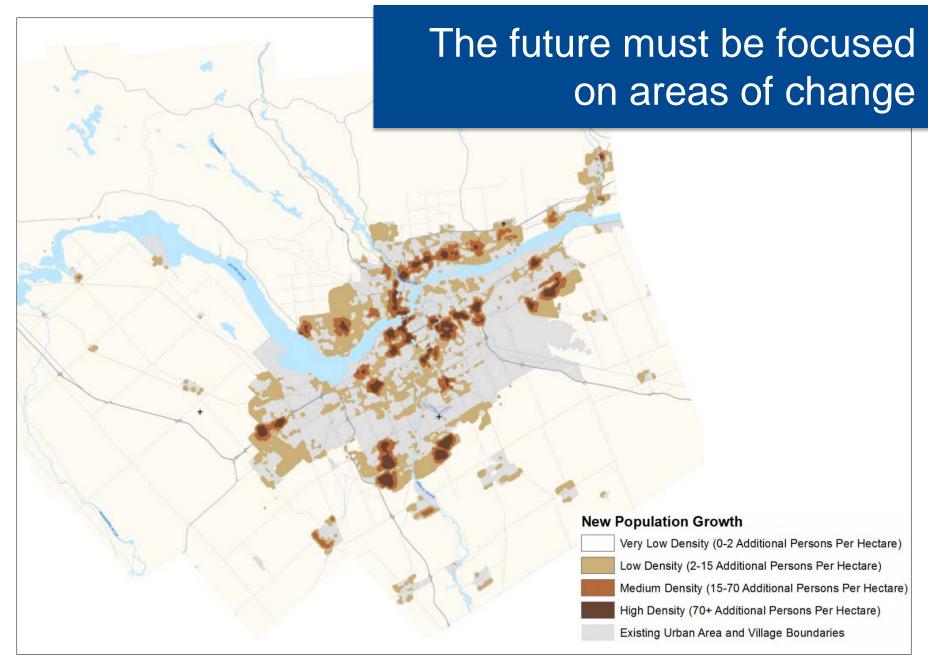
Public sector presence provides above average incomes



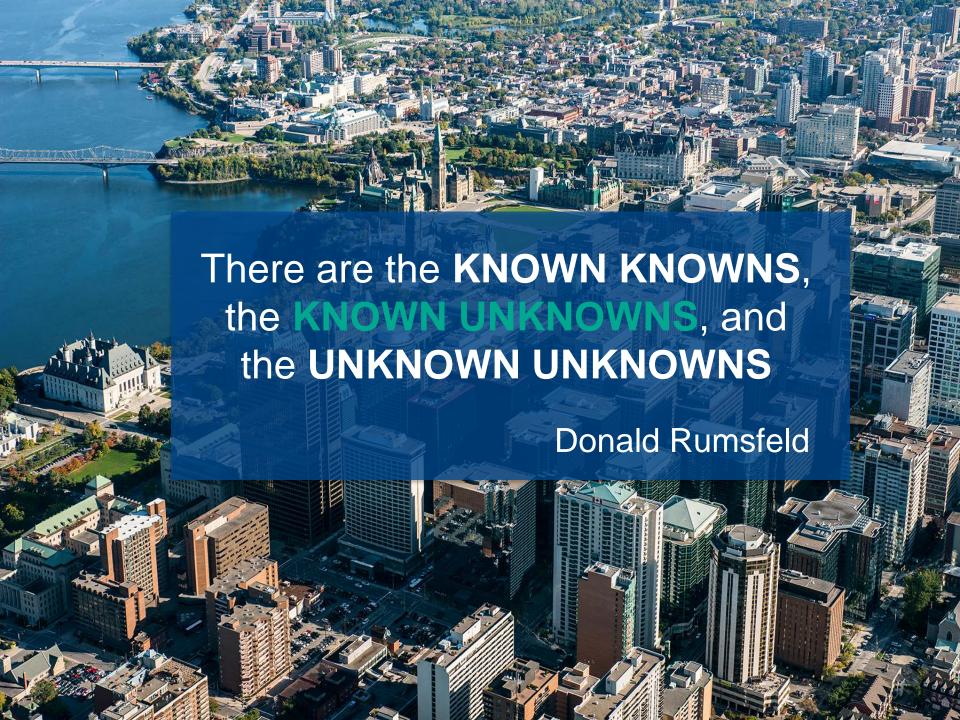




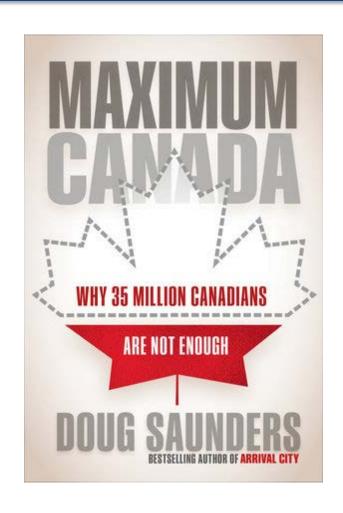




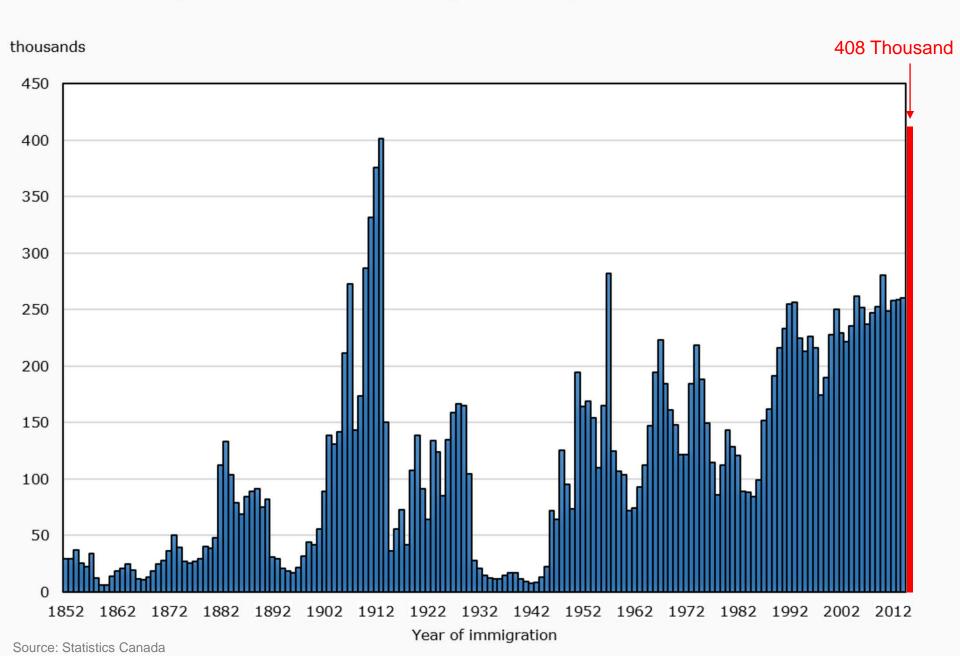
Source: Framing Our Future, City of Ottawa



Would Ottawa benefit from significant increases in immigration?

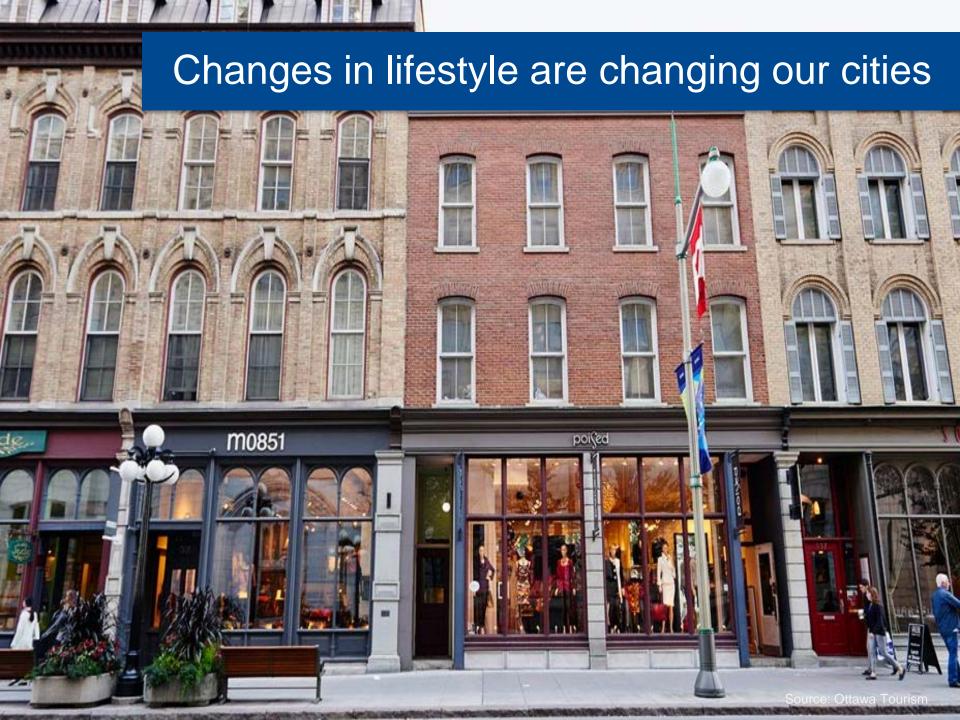


Number of immigrants who landed annually in Canada, 1852 to 2014



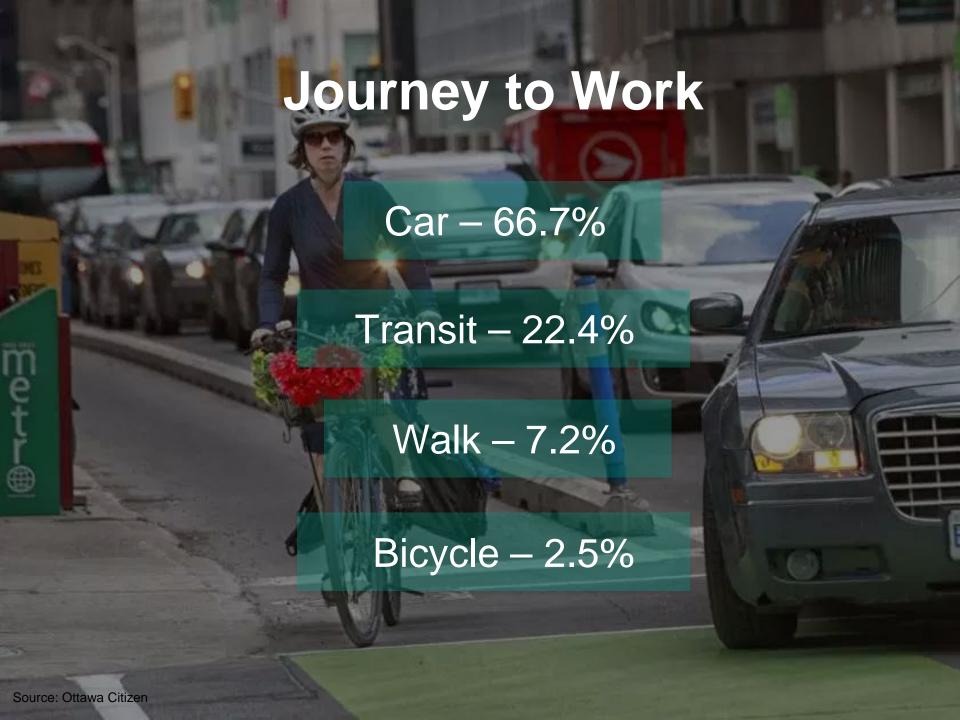


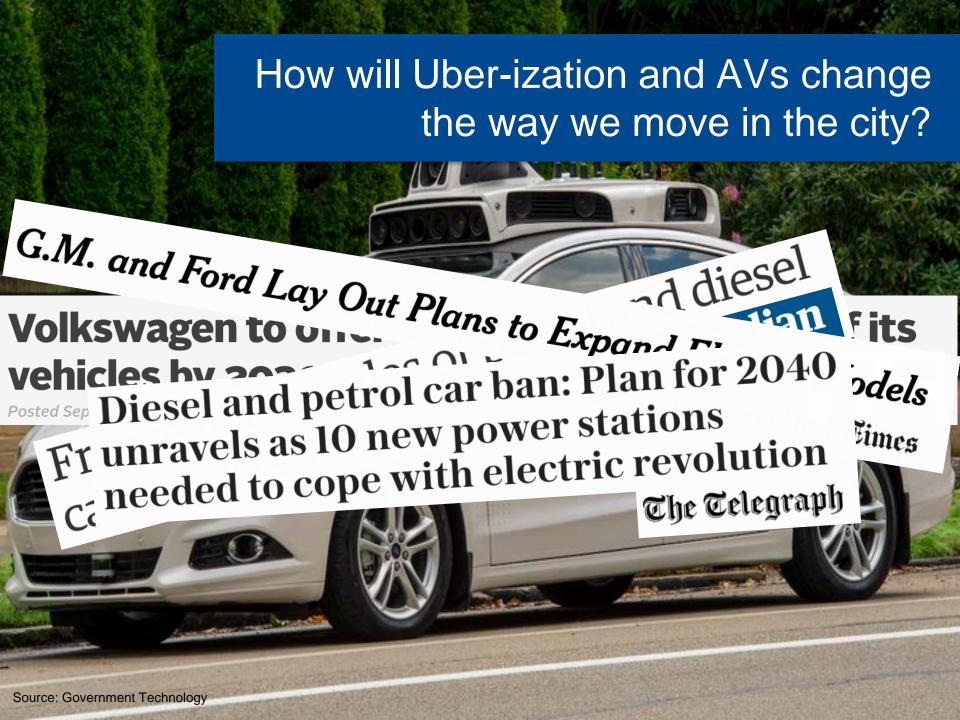




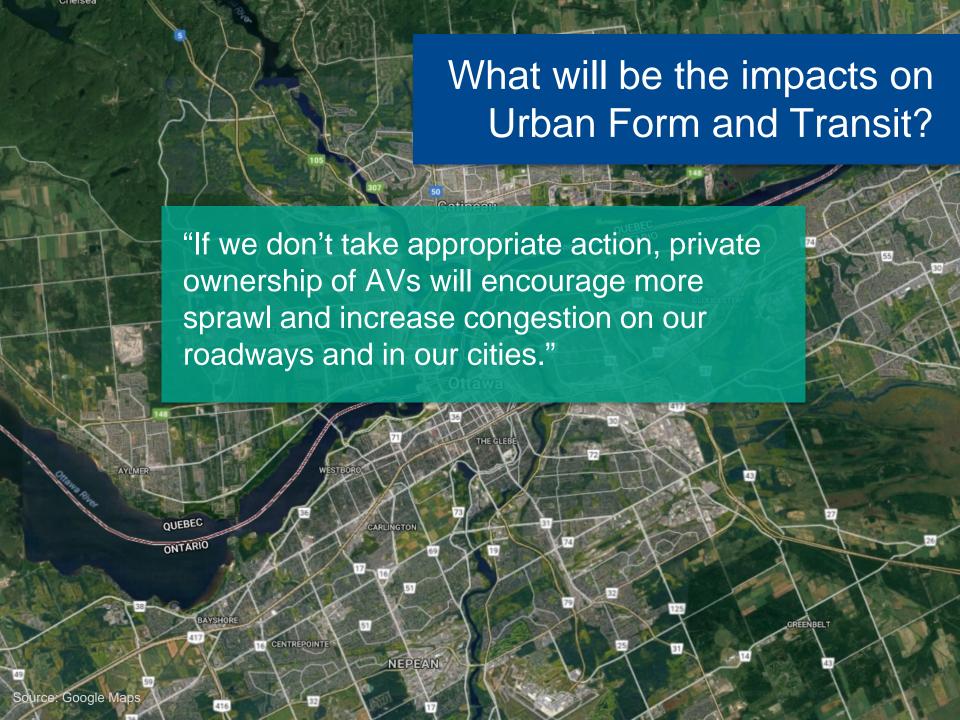


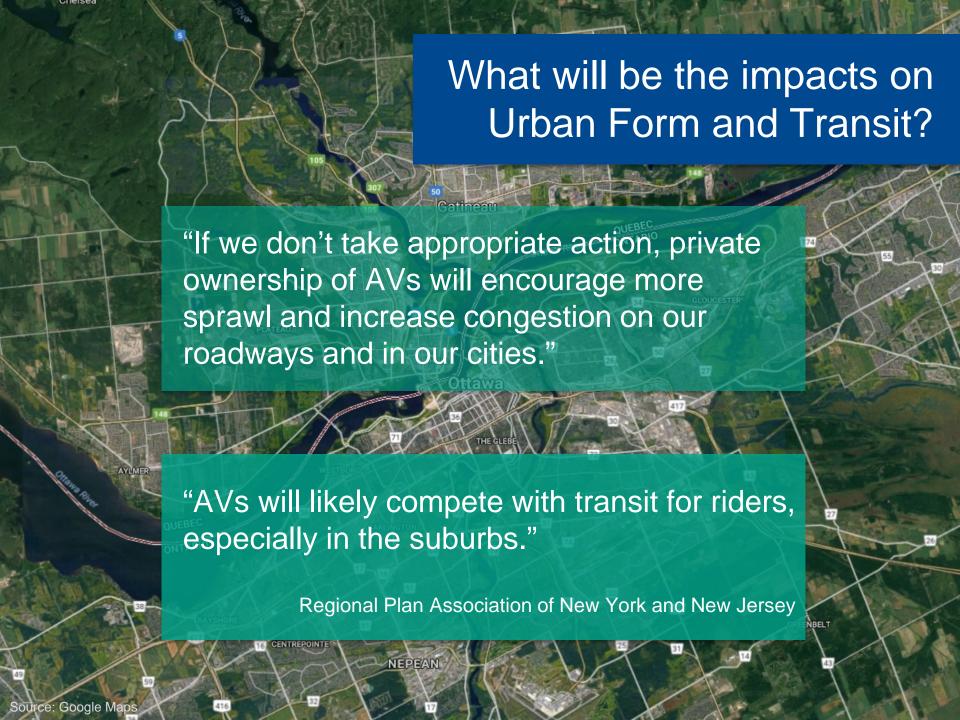






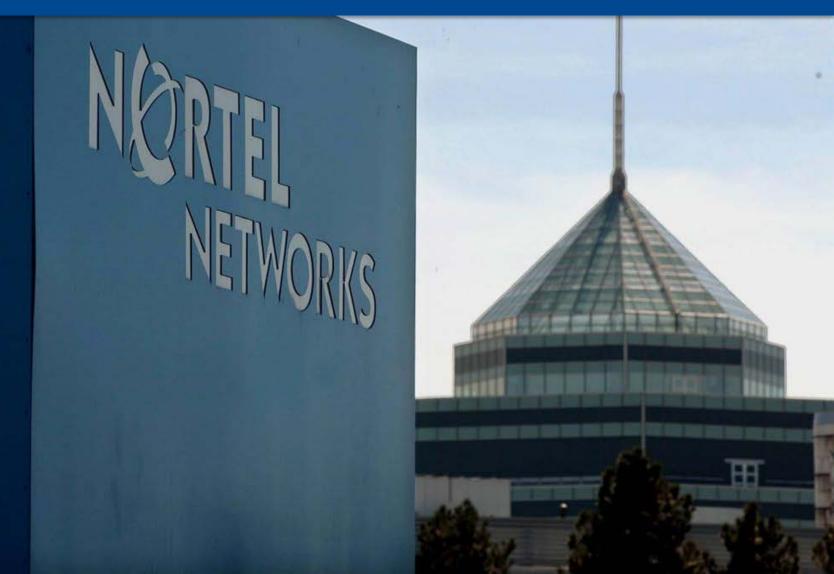








How will automations and robotics shift the type and operation of business activity?



Automation will differentially impact employment sectors and the space they will need in the city

Metros Most at Risk from Automation

Rank	Metro	Province	Total Employment	Share Vulnerable
1	Quesnel	British Columbia	10,390	63.50%
2	Leamington	Ontario	24,060	63.07%
3	Tillsonburg	Ontario	6,995	63.04%
4	Williams Lake	British Columbia	9,290	62.94%
5	Ingersoll	Ontario	6,355	62.83%
6	Norfolk	Ontario	30,230	62.02%
7	Orillia	Ontario	18,595	61.96%
8	New Glasgow	Nova Scotia	16,615	61.90%
9	Chatham-Kent	Ontario	49,610	61.83%
10	Woodstock	Ontario	17,665	61.68%

Metros Least at Risk from Automation

Rank	Metro	Province	Total Employment	Share Vulnerable
149	Ottawa - Gatineau	Ontario/Quebec	458,230	54.30%
148	Petawawa	Ontario	4,450	54.44%
147	Kingston	Ontario	65,830	54.51%
146	Rimouski	Quebec	22,605	54.73%
145	St. John's	Newfoundland and Labrador	82,645	55.04%
144	Victoria	British Columbia	147,125	55.67%
143	Lacombe	Alberta	3,880	55.74%
142	Cape Breton	Nova Scotia	37,995	55.82%
141	Fredericton	New Brunswick	41,045	55.92%
140	Montreal	Quebec	1,627,600	55.99%

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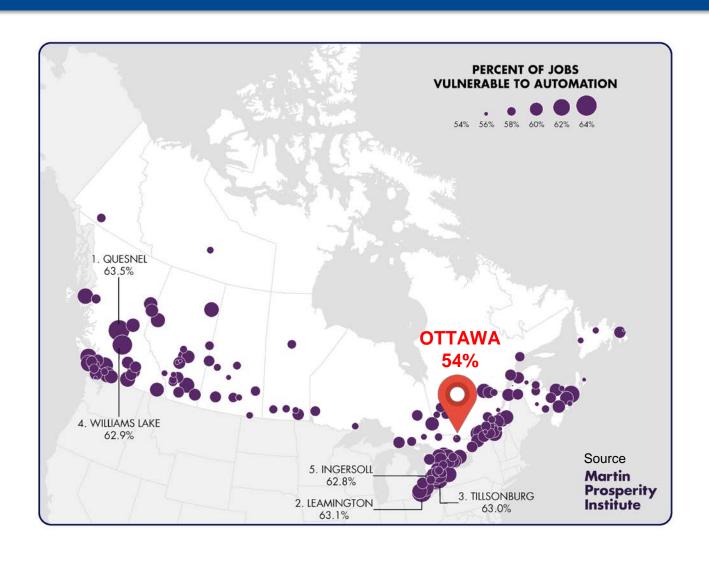
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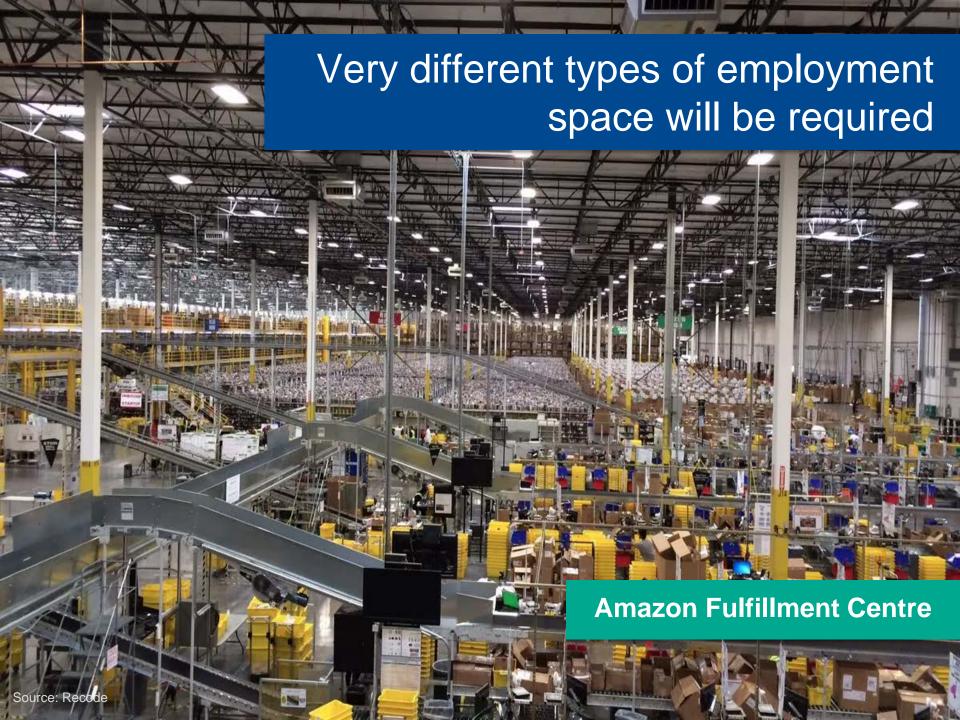
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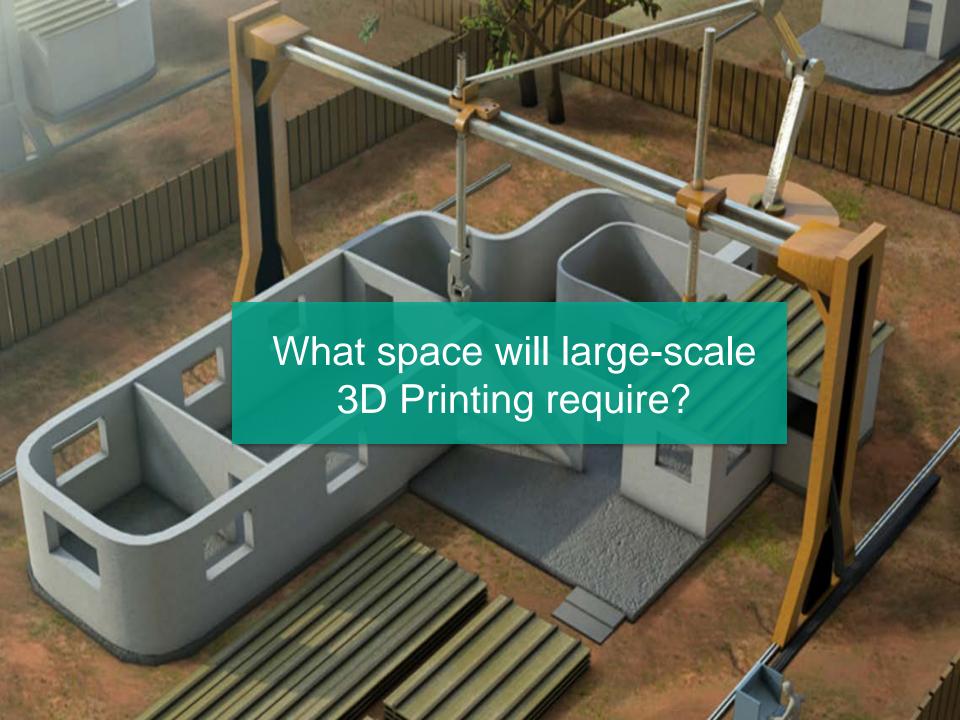
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225, 923 311 REQUESTS FROM 2011 - 2013



CAN 311 REQUESTS HELP MAKE CHICAGO MORE RESILIENT?

Each point on this map represents a 311 request. The points have been categorized and plotted with their geo location data.

- GRAFFITI REMOVAL ABANDON CARS

RODENTS

WHAT WE KNOW

hy naighborhood can be seen

Call surges during different times of the year. Patterns in calls

TREE DEBRIS

New technology will facilitate smart city management - How can that most benefit the city and its citizens?

ABANDON CARS

GRAFFITI REMOVAL

RODENTS

POTHOLES

TREE DEBRIS

TOP 311 MONTH

JULY

Is Ottawa the test-bed for Smart City?

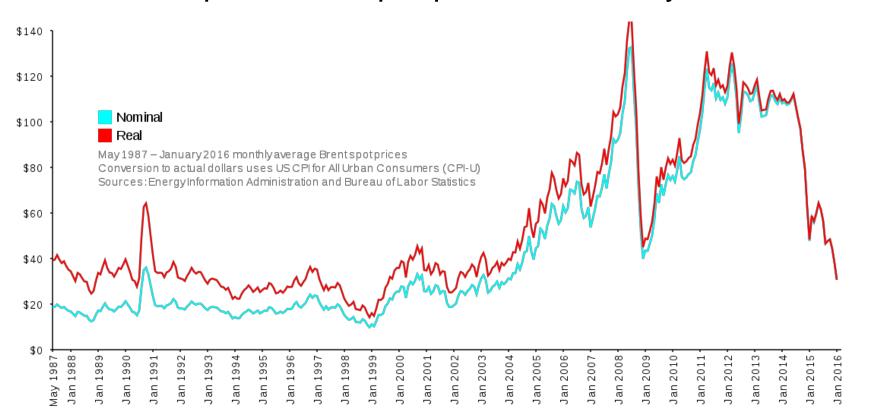
GARFIELD PARK

FUTURE VISIONS Source: Truth Labs

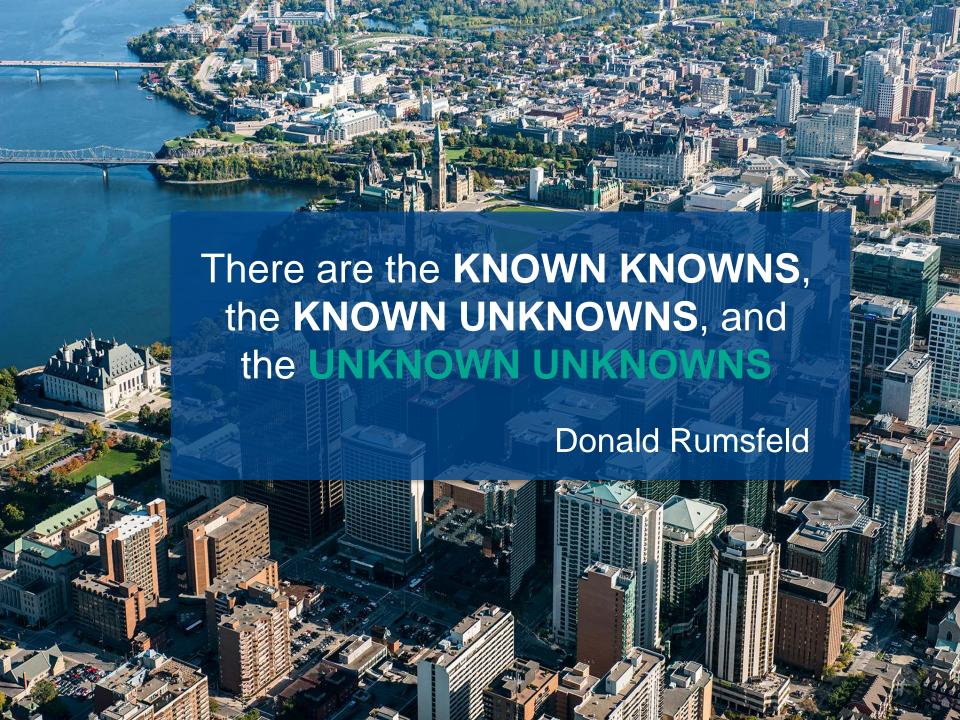


WHAT DO WE REALLY KNOW ABOUT THE FUTURE?

Brent barrel petroleum spot prices since May 1987 in USD



Source: Wikipedia





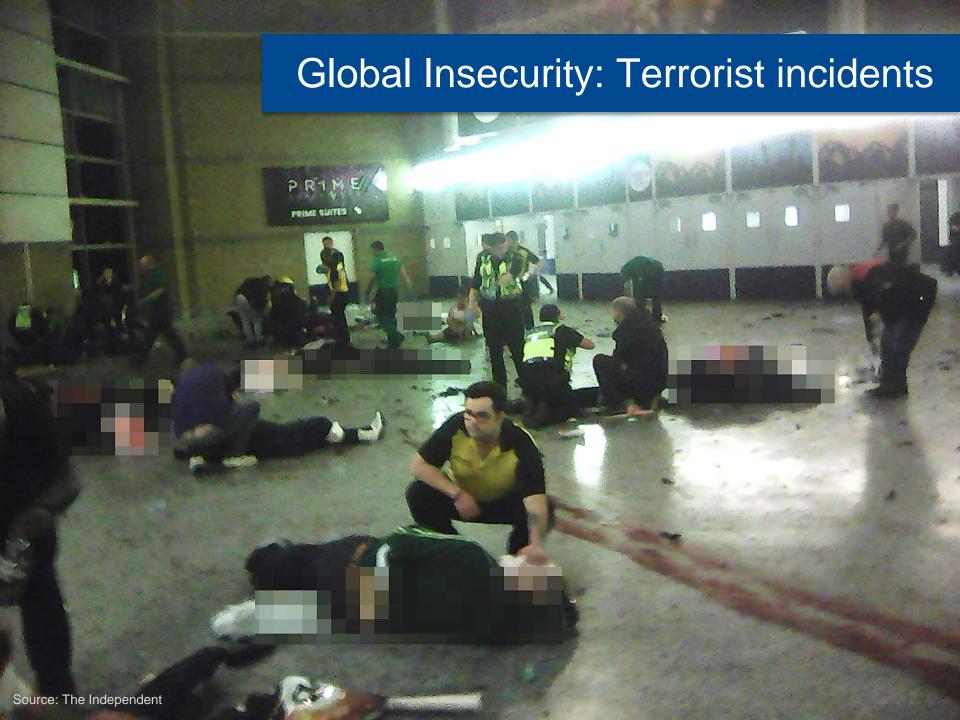
Climate Change: Infrastructure and resiliency costs





















WHY DO WE NEED TO KNOW ABOUT THE FUTURE?





















































