

# Welcome

## Toronto Pearson Residents' Reference Panel on Noise Fairness and Airport Growth

Please sit where you like  
We will get started at 9am



Toronto Pearson

# Peter MacLeod

Chair of the Toronto Pearson Residents' Reference Panel



Toronto Pearson

Provide clarity  
Create momentum  
Ensure everyone feels heard  
Make this a productive conversation



Toronto Pearson

# Robyn Connolly

Director of Community Relations, GTAA



Toronto Pearson

# Peter MacLeod

Chair of the Toronto Pearson Residents' Reference Panel



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# How were you selected?



**1 in 286**

Toronto Pearson



Residents'  
Reference Panel

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**1 in 20,000**

Toronto Pearson



Residents'  
Reference Panel

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**1 in 7,200,000**

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Residents'  
Reference Panel

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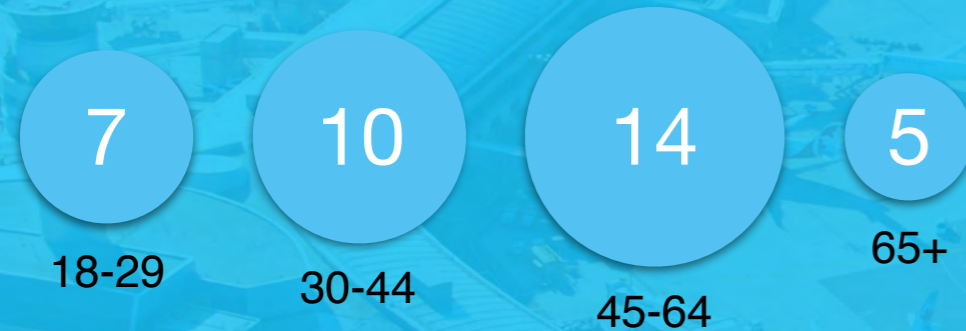


# Members' Profile

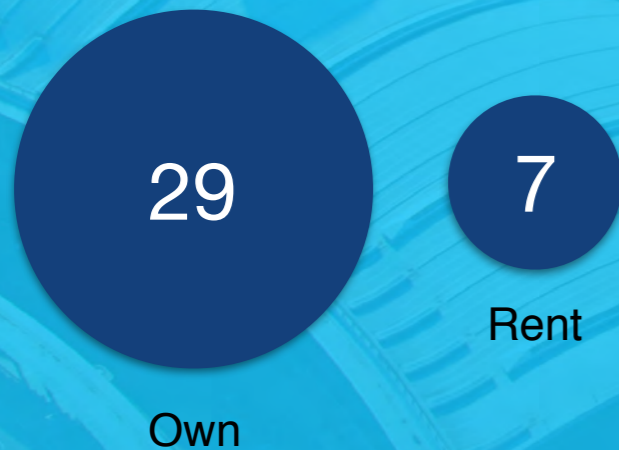
## Gender



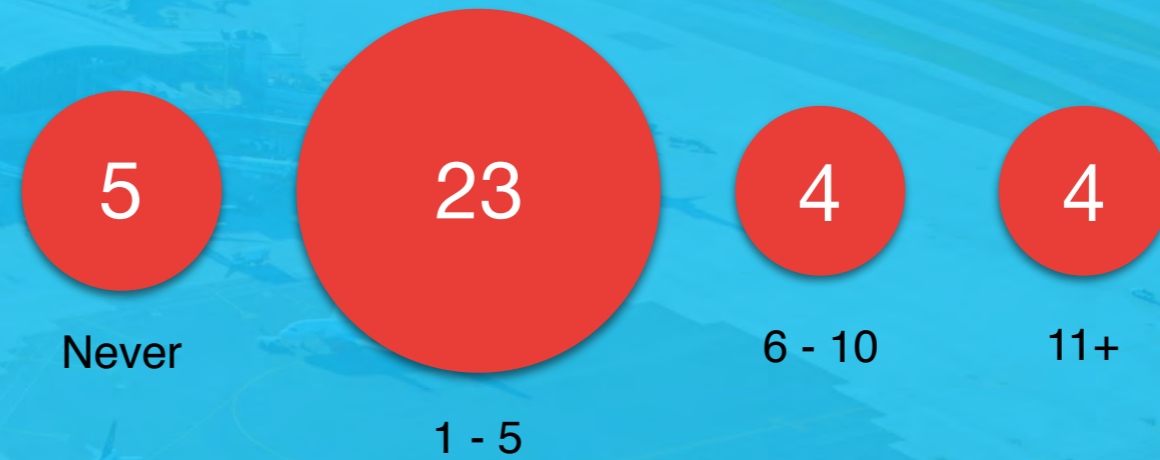
## Age



## Housing



## How many times did you fly into or out of Pearson in 2016?



## How long have you lived in your neighbourhood?



# Members' Profile



Toronto Pearson

You're special but you're not the first...



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Here are the members of the Citizens' Assembly, the Assembly's facilitation team and the City of Vancouver's Grandview-Woodland planning staff at the first meeting of the Assembly on September 20, 2014.

# VANCOUVER'S GRANDVIEW-WOODLAND CITIZENS' ASSEMBLY



# **CALGARY COMMISSION ON MUNICIPAL INFRASTRUCTURE INVESTMENT**



# **CITIZENS' REFERENCE PANEL ON PHARMACARE IN CANADA**

# Values

- Accountability** in all circumstances
- Accessible** in all people regardless of race, ethnicity, gender, language, social class, etc.
- Advocacy** we support patient autonomy and acts as a compass guide throughout our journey
- Caring** we treat patients with compassion and respect that we would want for our loved ones
- Timely** we meet patients & family needs in a prompt and responsive manner
- Collaboration** team-based A coordinated team that works together in the delivery of services within town and within the broader community
- Clarity & communication** enhanced clinical That information & choices are presented ~~clearly~~ using simple language
- Holistic** social, economic, spiritual, psychological, etc complete needs of the patient, are met mind, body & spirit and their loved ones
- Transition** continuity of care Seamless continuity of care and treatment throughout ~~care~~ the stages
- Quality** expertise, excellence

... prompt  
reasonable, party

reasonable  
standards  
expectations  
of p  
prompt  
includes p  
needs | en  
up & accu  
clearly a

...  
...  
...  
Simple







## Economic Issues

Priority:

Tourism Promotion

Recommendations:

We expect that the region enact a more aggressive publicity campaign to better promote and increase the visibility of tourism in Halton region.

# Why now?



Toronto Pearson

Pearson is planning a major expansion  
Two major noise studies are underway

Pearson wants guidance on its next phase of growth to ensure that it manages the impact of its operations responsibly.

We are looking to you to suggest better ways to:

- provide new transit options for the airport and region
- manage and mitigate noise from aircraft
- engage and inform residents about our operations
- strengthen our commitment to the environment



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# The Reference Panel is one of six initiatives underway to gather the insights and concerns of residents



# Your mandate

The Reference Panel is tasked with advising the GTAA on the measures, standards and commitments it should adopt to meet the needs of area residents and support regional growth.

Specifically, the Reference Panel will develop:

- A set of values which describe its vision of responsible growth;
- A list of issues which the GTAA should attempt to address within its growth plan
- Criteria for evaluating options to mitigate and manage aircraft noise
- Additional recommendations concerning transit options, noise management, environmental stewardship and public communications and engagement



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# Your task

Learn about aviation trends, airport operations and their impacts, international best practices

Consider contrasting perspectives and the wider regulatory environment in which the airport operates

Address the concerns those most impacted by aircraft operations

Recommend actions that can support responsible growth of the airport and the region



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# Members are asked to...

- Attend all sessions of the Reference Panel as well as at least one of the Public Workshops;
- Work to understand and represent the varied perspectives of all residents;
- Treat each other with respect and take an active role in the work of the Reference Panel; and
- Work collaboratively to achieve a strong consensus concerning the Panel's recommendations.





# Alphabet Soup

GTAA | Toronto Pearson

Transport Canada

NavCanada

ICAO | International Civil Aviation Organization

CATSA | Canadian Air Travel Security Agency

CBSA | Canadian Border Services Agency



Toronto Pearson

# Program

May 27

June 3

Sept 9

Sept 16

9

**Welcome & Orientation**

10

Break

11

**Understanding the GTAA:**  
History, structure, responsibilities, service volumes

**What is the mega-hub vision:**  
Demand-led growth, implications, opportunities

12

Lunch

1

**Airport Tour:**  
Introduction to Pearson, and understanding the passenger pathway

2

Identifying issues and questions

3

Break

4

Adjourn

**Mega-hubs and passenger demand**

**Understanding Noise (1)**  
Science and policies

Break

Values discussion (2)

Lunch

**Understanding Noise (2):**  
NavCanada: Air traffic control and flight paths

**Understanding Noise (3):**  
Options for GTAA & International best practices

**Community Perspectives**

Break

Noise fairness discussion

Roundtable Prep and Adjourn

## Summer Public Workshops

**Transit Perspectives**

Break

**Environment Perspectives**

**Communications & Engagement**

Lunch

Issues

Break

Priorities

Adjourn

Drafting recommendations

Lunch

Break

Report

Adjourn

# How it all adds up

4 meetings...

32 hours...

16 speakers...

4 public meetings...

1 report



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A gentle word about the media, and social media...



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**Shared  
concerns**

**Different views  
and priorities**

**Working  
consensus**



Toronto Pearson



# Diamond of despair

Shared  
concerns

Different views  
and priorities

Working  
consensus



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Today

Introduce ourselves

Understanding the GTAA

Pearson Connects: Growing Canada  
with a mega hub airport

*Lunch*

Tour

Values to guide responsible growth

# Introductions:

What is your name?

What do you like best about where you live?

Why did you volunteer?



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# Break



Toronto Pearson

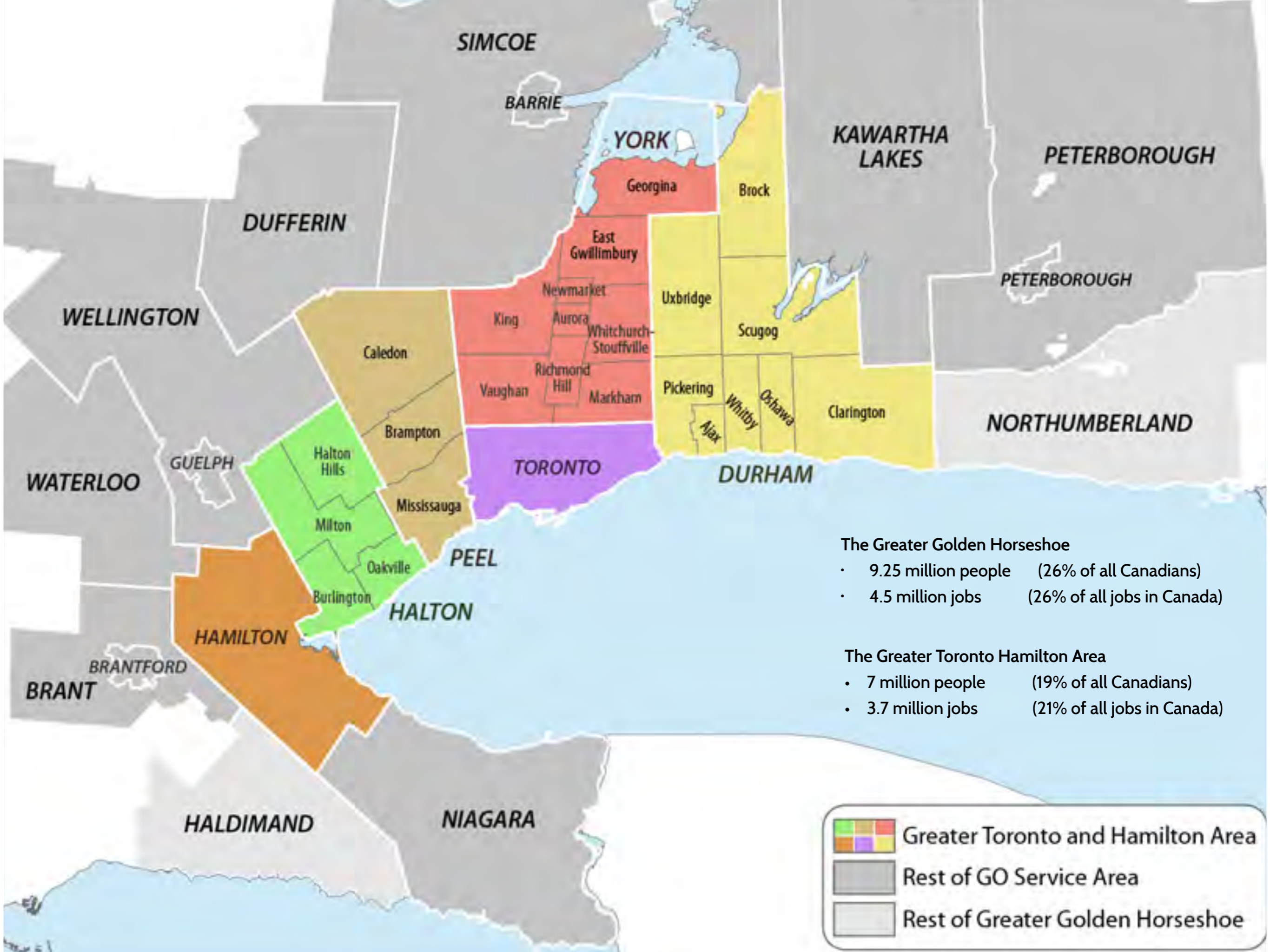


# Regional Overview



Toronto Pearson



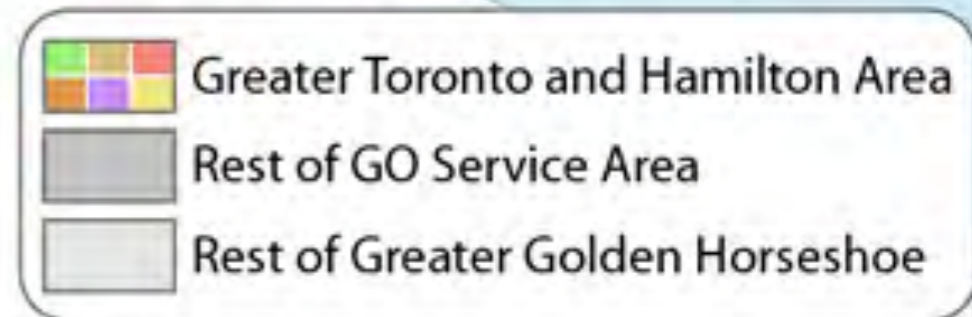


**The Greater Golden Horseshoe**


- 9.25 million people (26% of all Canadians)
- 4.5 million jobs (26% of all jobs in Canada)














**The Greater Toronto Hamilton Area**

- 7 million people (19% of all Canadians)
- 3.7 million jobs (21% of all jobs in Canada)






**LEGEND** 

-  Greenbelt Area\*
-  Protected Countryside
-  Towns and Villages
-  Hamlets
-  Niagara Escarpment Plan Area
-  Oak Ridges Moraine Area
-  Urban River Valley
-  Settlement Areas Outside the Greenbelt
-  River Valley Connections (outside the Greenbelt)
-  Upper-tier Municipal Boundaries
-  Single-tier Municipal Boundaries
-  Major Roads
-  Water

Projection: UTM zone 17 NAD83  
 © Queen's Printer for Ontario, January, 2013  
 Produced and data sourced by the Ministry of Agriculture and Food, Ministry of Municipal Affairs and Housing and Ministry of Natural Resources

Notes:  
 Settlement boundaries reflect current municipal Official Plans. For precise boundaries and locations of Settlement Areas (Towns/Villages and Hamlets) the appropriate municipalities should be consulted.  
 The information displayed on this map has been compiled from various sources. While every effort has been made to accurately depict the information, this map should not be relied on as being a precise indicator of locations of features or roads nor as a guide to navigation.  
 \* Ontario Regulation 93/05, as amended

**0 5 10 20 30 40** 

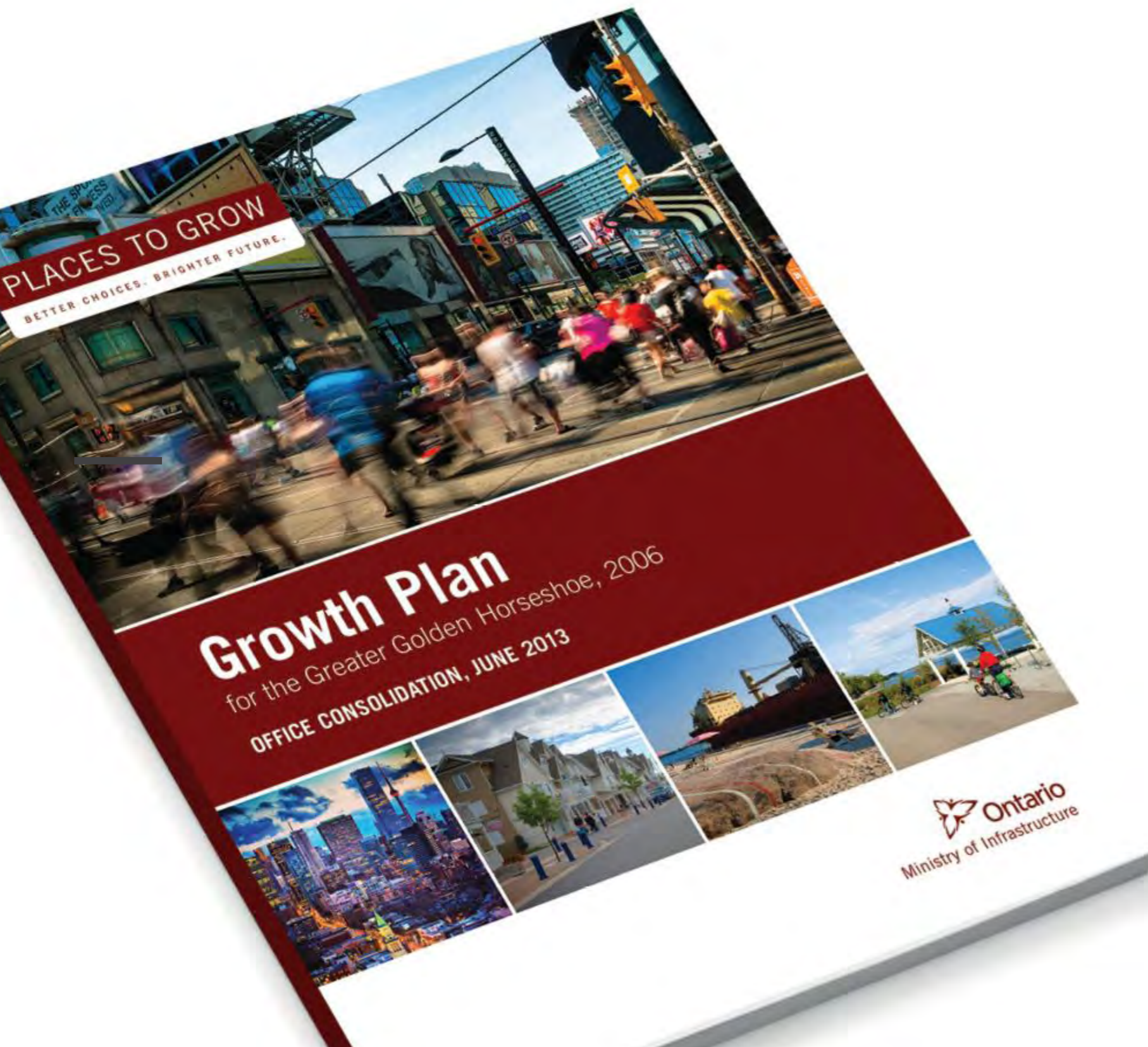
© Esri/Info

# greenbelt

PLAN 2005

## Schedule 1: Greenbelt Plan Area

# The Growth Plan for the Greater Golden Horseshoe



- Manages the growth that is coming
- Addresses significant urban/rural challenges
- Intensification, infill and redevelopment are key to reducing sprawl
- Implemented through local Official Plans
- Enabled by Places to Grow Act

# Our Region: By 2041...

## The Greater Golden Horseshoe

- 9.25 million people (26% of all Canadians)
- 4.5 million jobs (26% of all jobs in Canada)
- 4.25 million more people
- 1.8 million more jobs

## The Greater Toronto Hamilton Area

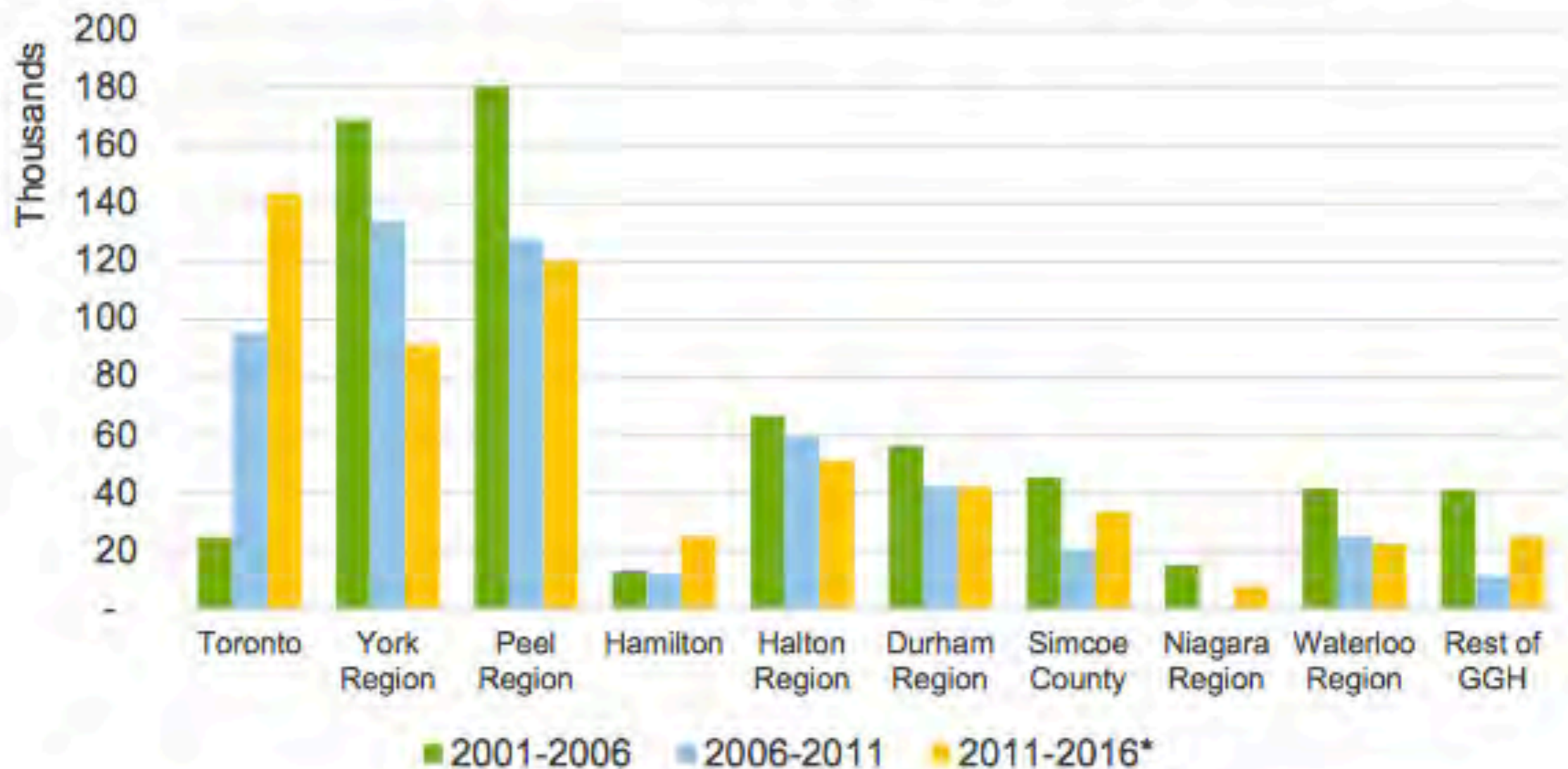
- 7 million people (19% of all Canadians)
- 3.7 million jobs (21% of all jobs in Canada)
- 2.7 million more people
- 1.1 million more jobs

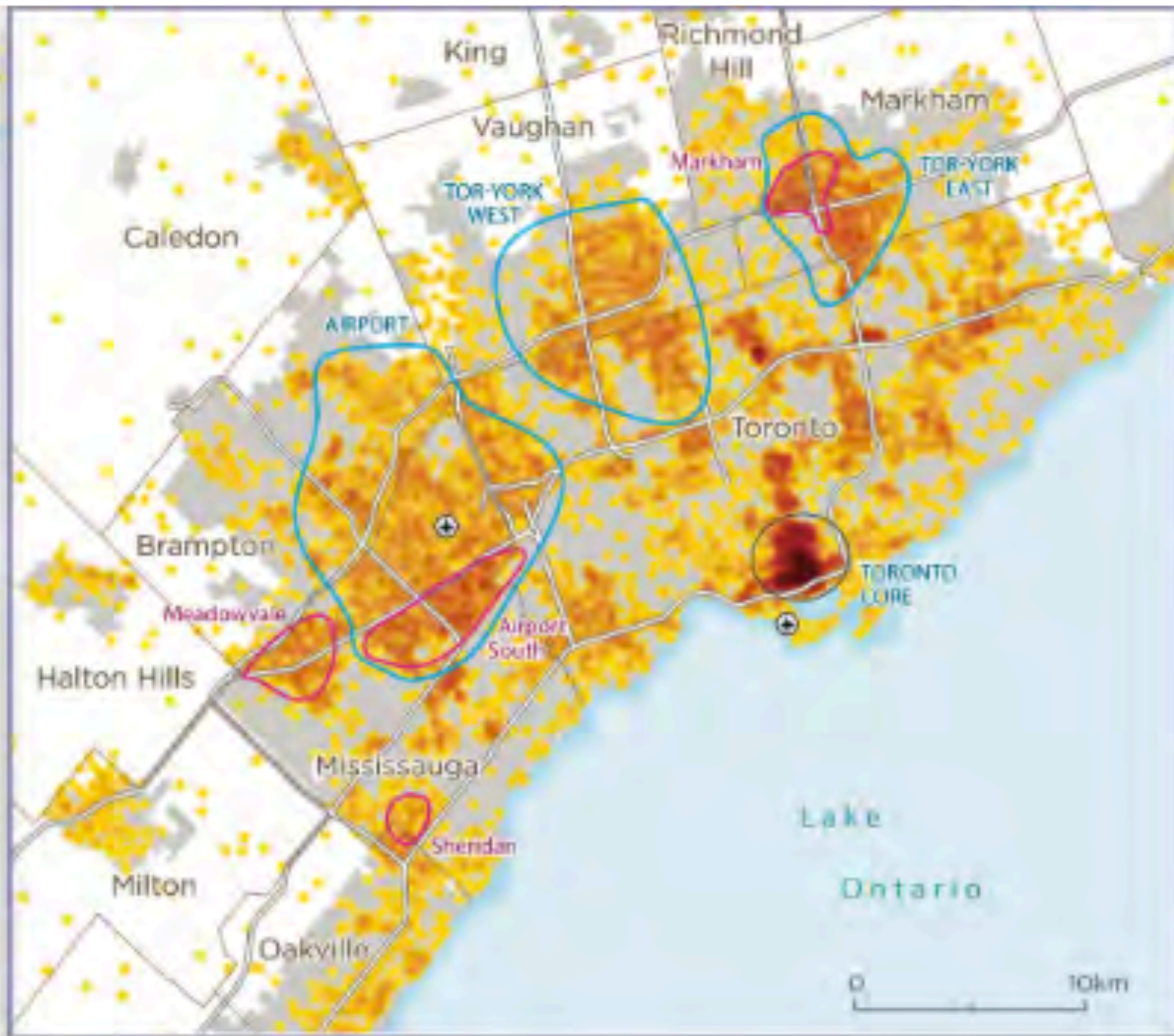


Toronto Pearson

# Population growth is happening Toronto, York, and Peel (North and West)









**Exhibit 3.2: Population Growth by Census Period, GGH, 2001-2016<sup>3</sup>**





### Legend

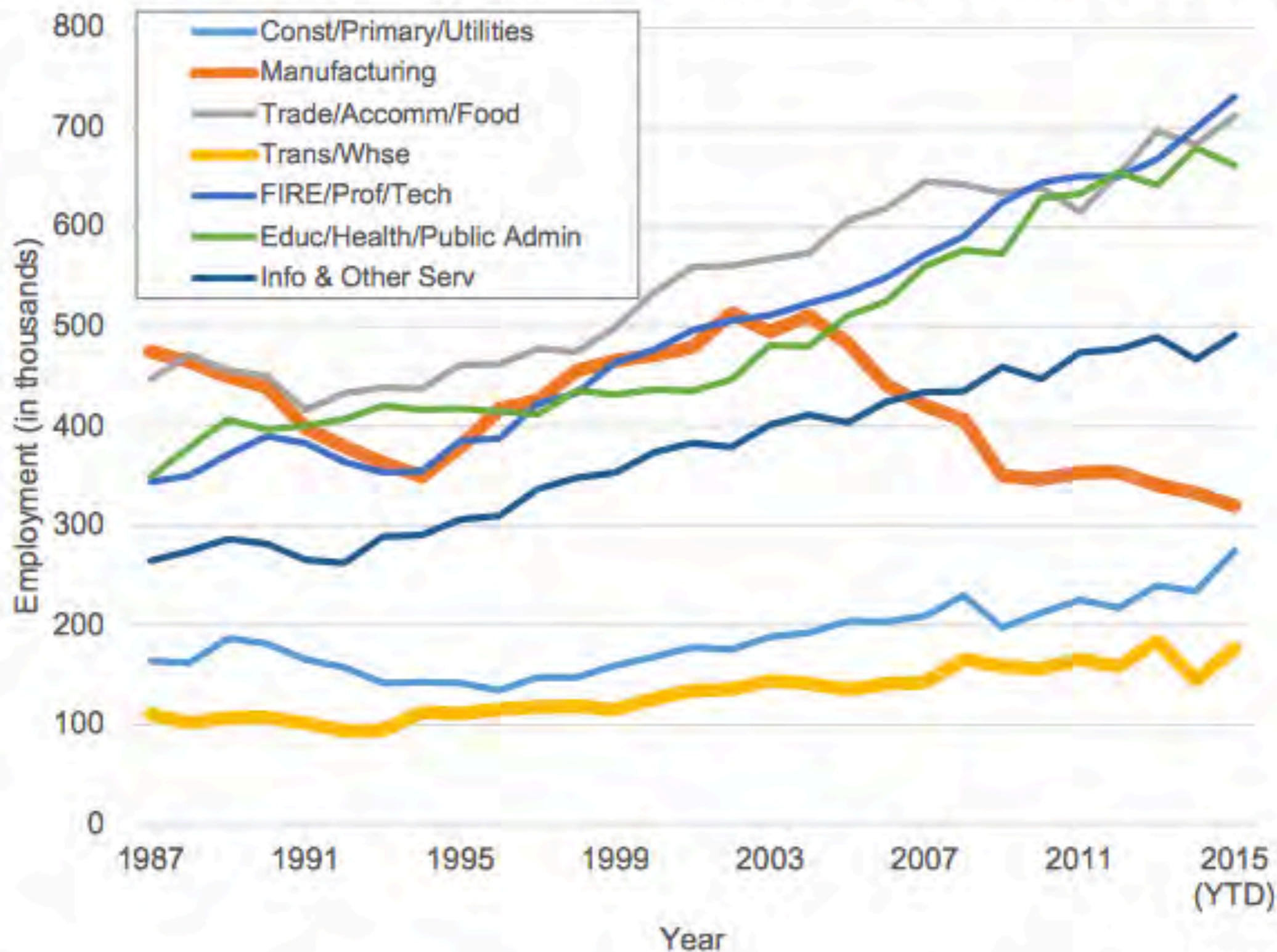
#### Core Employment, 2011

- 
 Less dense  
 ↑  
 ↓  
 More dense
  - 1 Dot = 100 Jobs
  - 
 Municipal boundary
  - 
 Megazone
  - 
 SKID
  - 
 Toronto Core
  - 
 Airport
  - 
 Road
  - 
 2006 Built boundary
- 0 10km
- 0 25 km



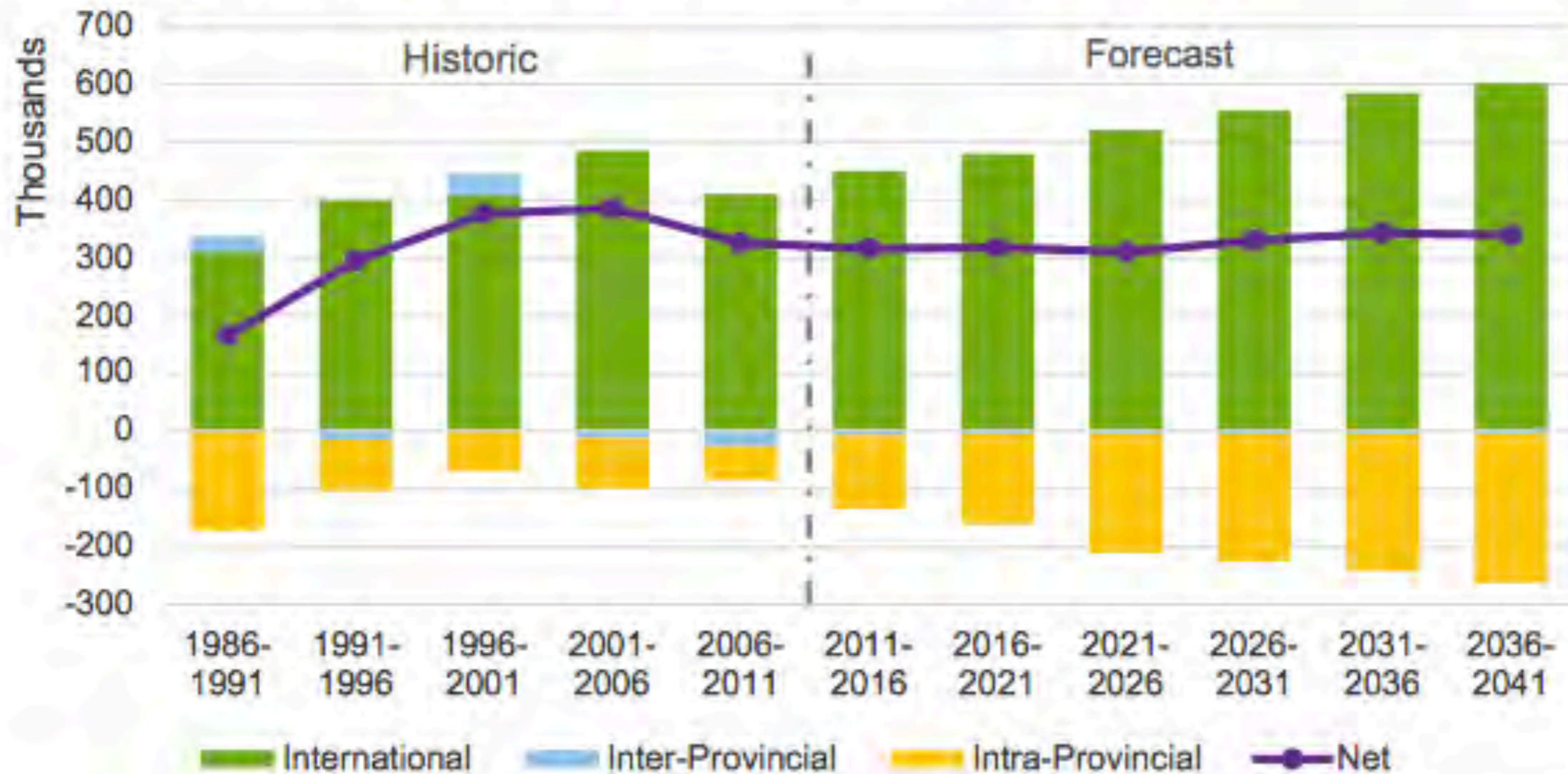
# Jobs are changing

**Exhibit 5.1: Historical Employment, Toronto Economic Region, 1987-2015 (YTD)**

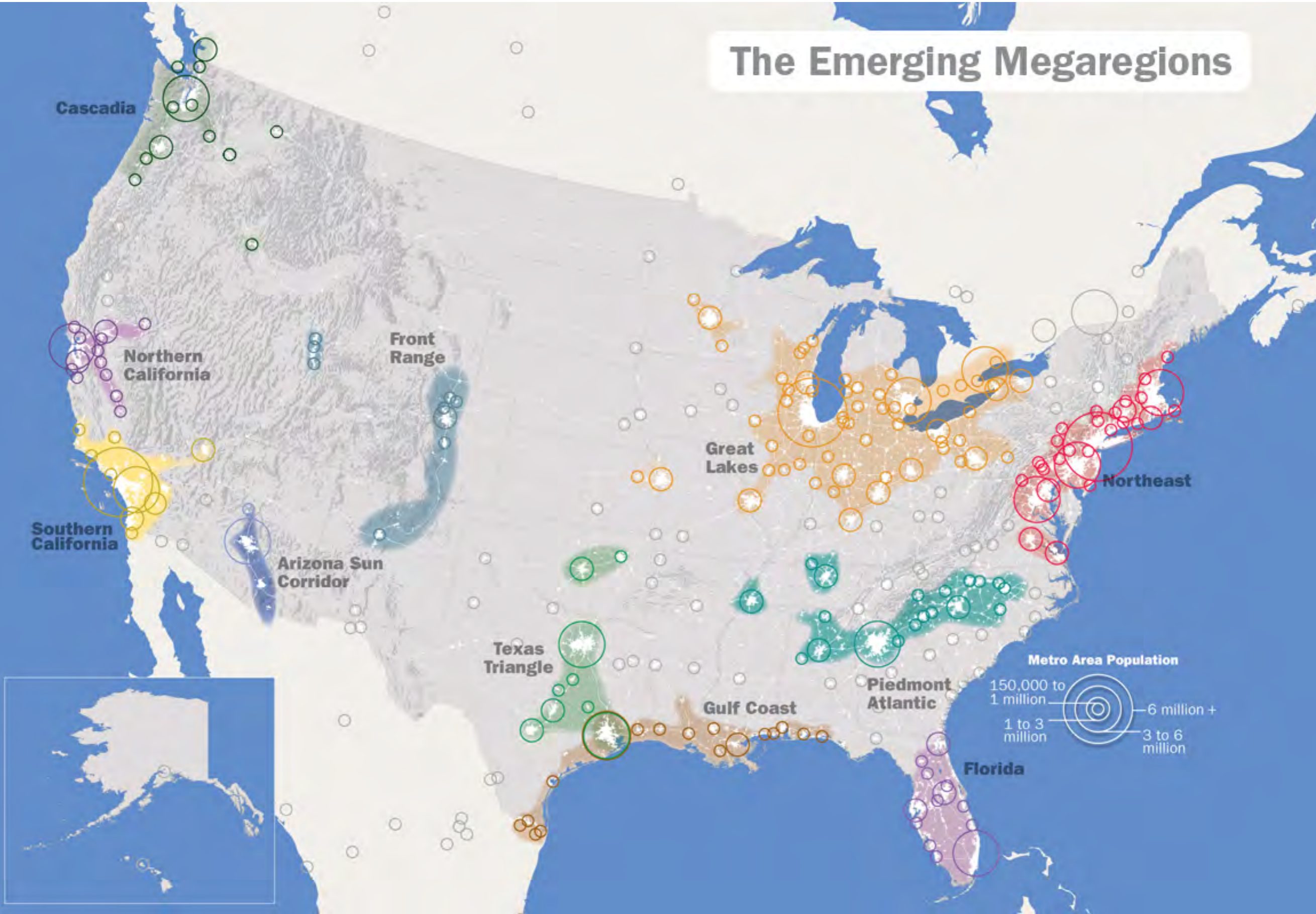


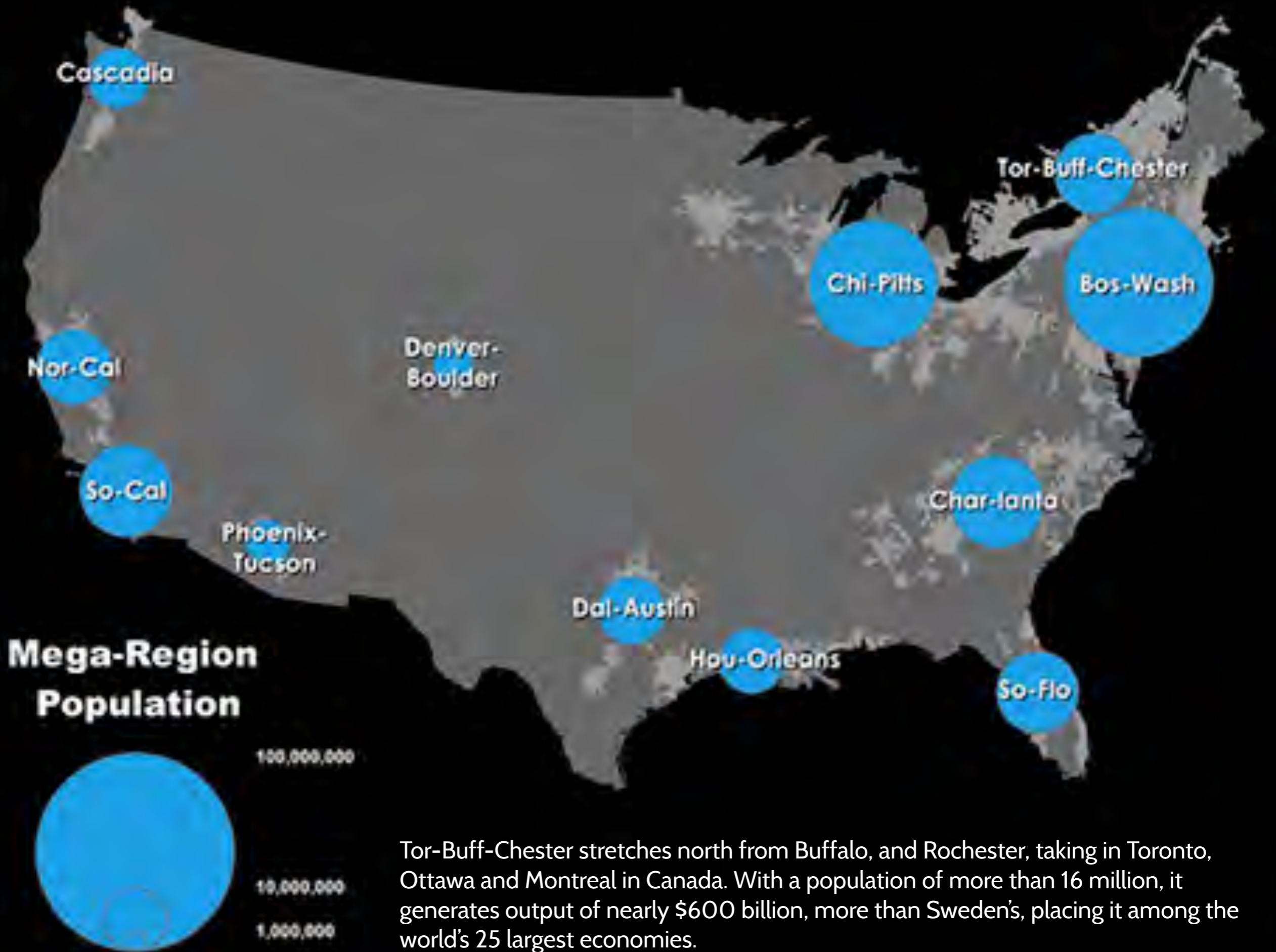
# Immigration is driving population growth

**Exhibit 4.6: Components of Migration, GTHA, 2006-2041**



# The Emerging Megaregions





Tor-Buff-Chester stretches north from Buffalo, and Rochester, taking in Toronto, Ottawa and Montreal in Canada. With a population of more than 16 million, it generates output of nearly \$600 billion, more than Sweden's, placing it among the world's 25 largest economies.

# Understanding the GTAA

Scott Armstrong, Director,  
External Communications, GTAA

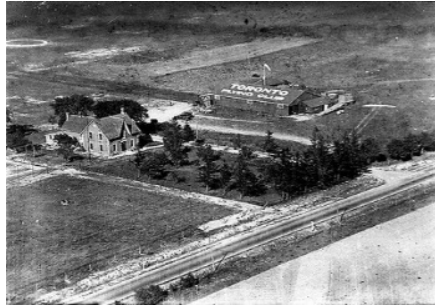


Toronto Pearson

# The Story of Toronto Pearson: Our history and development



# Timeline



## The early days: Toronto Harbour Commission 1937

- Malton Airport 1937



## Transport Canada 1958 – 1996

- Toronto International Airport 1960



## The GTAA 1996

- Lester B. Pearson International Airport 1984



## The 'Big Build' Phase 1997 - 2009

## Customer Focus and Operational Excellence

- Toronto Pearson



Toronto  
Pearson

# Malton Airport 1937



Looking north on Sixth Line (Airport Road).  
National Steel Car and Village of Malton  
Four Corners can be seen in the top right.





**August 29, 1939:  
First Passenger Plane lands at Malton**



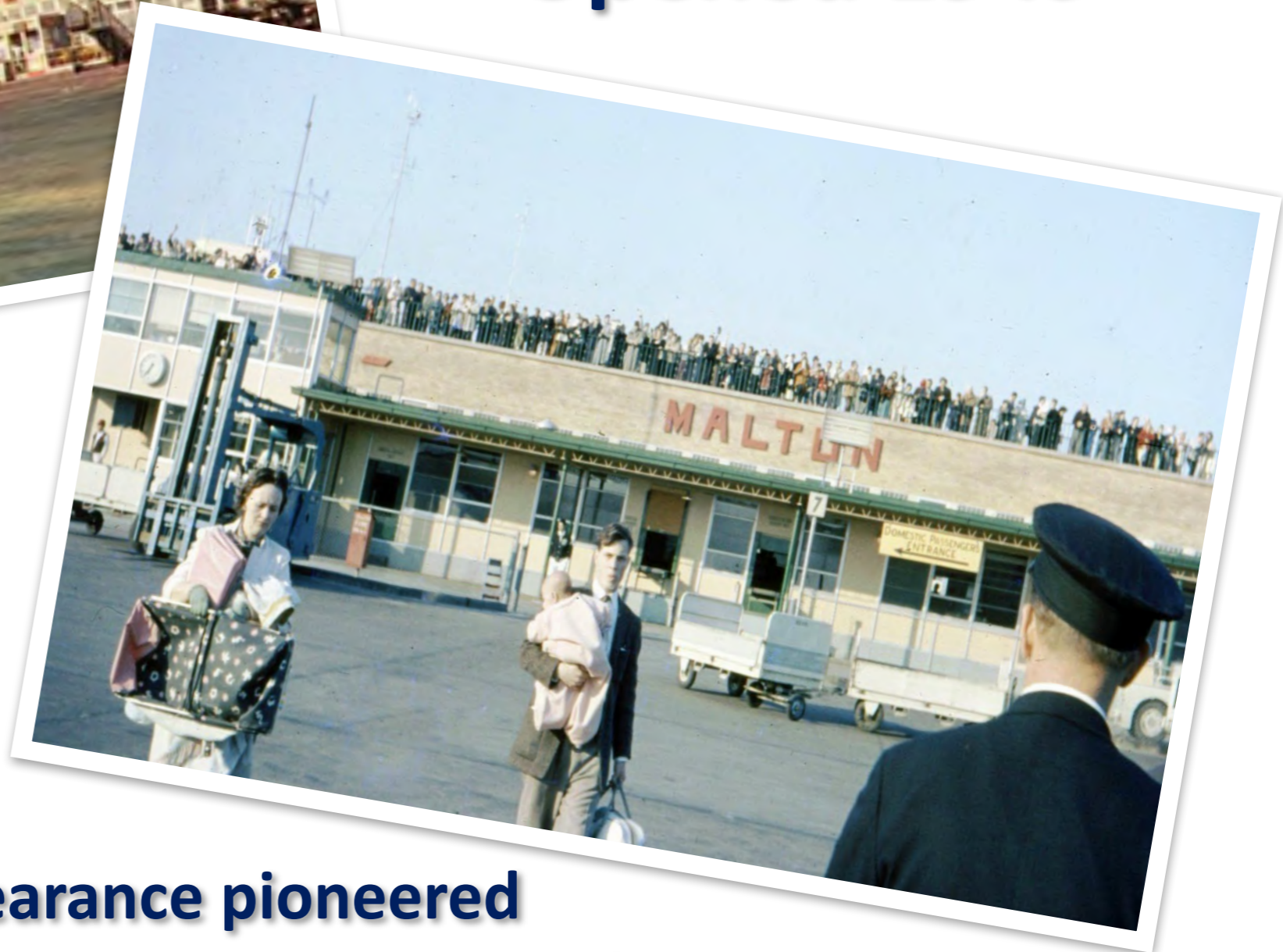
**100<sup>th</sup> Lancaster Bomber KB799 being rolled out – in 1943**



**August 31, 1939:  
Trans-Canada Inaugural Flight**

# Travelling through Malton Airport 1940s

# 3<sup>rd</sup> Terminal “Apron” Building Opened 1949



## 1950s – an exciting time

- Runways lengthened
- Hertz Rental cars
- Paid parking
- 1952 U.S. customs preclearance pioneered
- 1958 City of Toronto sold airport to Depart. of Transportation
- 1960 renamed Toronto International Airport

# Terminal 1: 1964 - 2004



# Terminal 3 - 1991





## Pre-1992: Federal Government Ownership

At all airports across the country, Transport Canada was responsible for:

- Owning
- Regulating
- Setting the policy direction; and
- Operating



# 1992: The Era of Devolution Begins

## Principles of Devolution:

- Bring business practices into the running of airports
- Accountability at the local level through local airport authorities
- No sitting politicians or public servants to serve on Boards
- Sign long-term leases with local airport authorities, but federal government maintains ownership of the land

# Toronto Pearson at Transfer to GTAA – 1996



Managed and operated by the GTAA, a not-for-profit corporation, since 1996

Operated on a commercial basis

No taxpayer subsidy to fund operations or airport development

**New Terminal 1  
Opened 2004**

**T2 Parking**

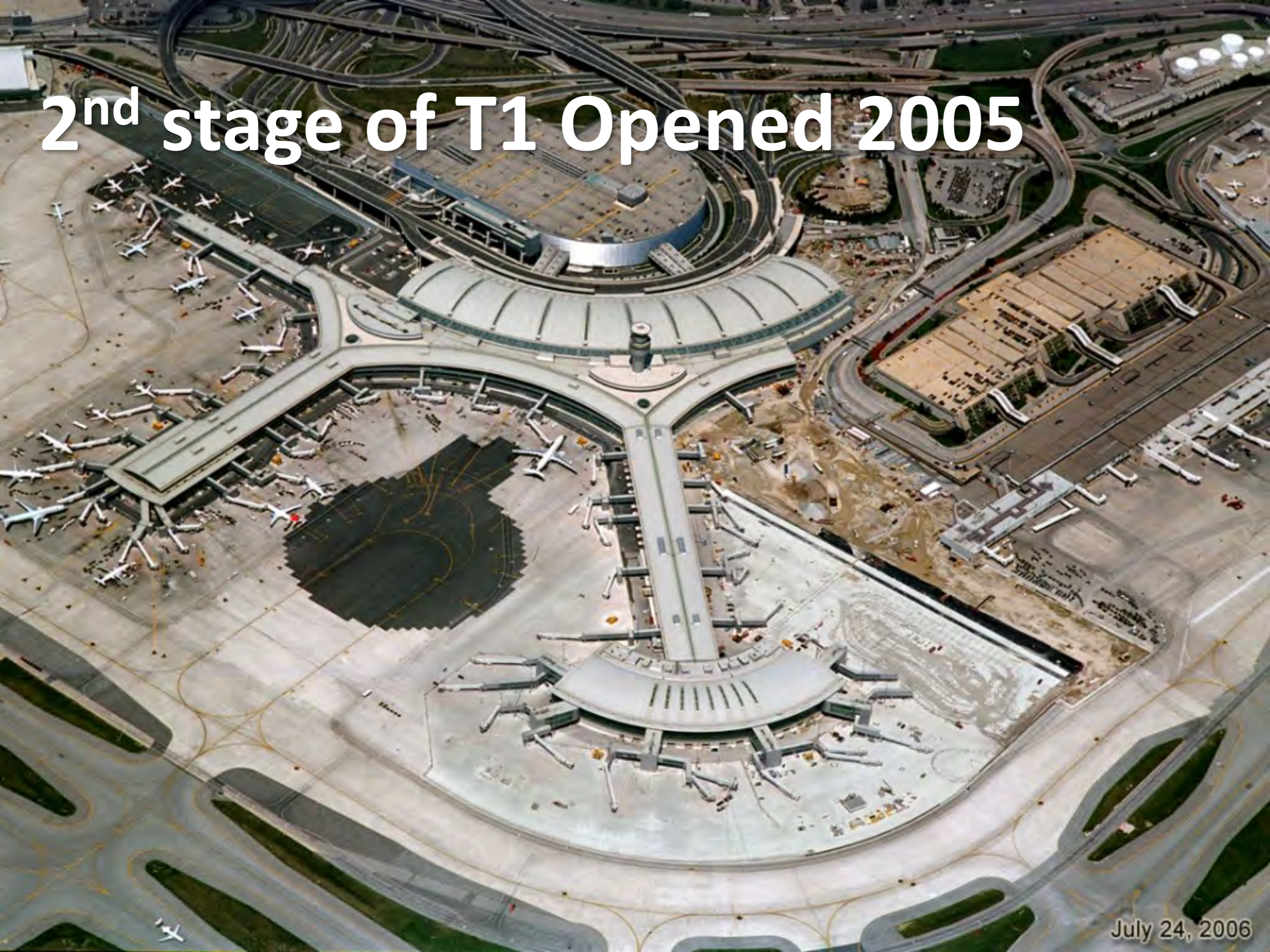
**T2**

**Original T1**





2<sup>nd</sup> stage of T1 Opened 2005



July 24, 2006

# Growth Story

**1970s**

**10.5 Million**



**1990s**

**21 Million**



**2016**

**44 Million**



# Passenger growth & aircraft movements

Passengers

**2015**  
*41 Million*


**2016**  
*44 Million*

  
8%

Movements

**2015**  
*444,000*

**2016**  
*457,000*

  
2.8%

An aerial photograph of Pearson International Airport in Toronto, Canada. The image shows the extensive runway system, taxiways, and terminal buildings. A large white banner with a blue border is overlaid across the center of the image, containing the text "Pearson Today".

# Pearson Today



# A corporation without shareholders; many stakeholders

Passengers

GTAA and  
Airport  
Employees

Community

Airport  
Service  
Providers

Media

Gov't  
Agencies

NAV  
CANADA

Airlines

Govt +  
Transport  
Canada

Labour

**1,500  
GTAA  
Employees**



**49,000  
Toronto  
Pearson  
employees**



# 2<sup>nd</sup> largest employment zone



**300,000** jobs



# International gateway

JFK

YYZ

**2<sup>nd</sup>** in North America in terms of international passengers



Toronto  
Pearson

# Economic catalyst



**6.3%** of Ontario's GDP  
(\$42B)



**“ We now do 60% of our business in the U.S. and are creating opportunities in Europe, the Middle East and Australasia. A globally connected airport is crucial to sustaining our growth. ”**

*Zak Mashadi  
Business Development and Legal Counsel  
TWI Foods Inc.*



# Our Vision

**The Best Airport in the World**



# Improving passenger flow



# Improving passenger flow

**\$300million** invested  
in improved baggage processing



# Operational efficiency



## Airport Collaborative Decision Making (A-CDM)

# Improving the passenger experience

425

2016 Airport Service  
Quality score

25 new shops  
and restaurants





# Financial sustainability



**\$384million**  
Non-aeronautical revenue



A diverse group of students is seated in a lecture hall, listening to a male instructor who is standing and gesturing. The students are of various ethnicities and are looking towards the instructor. The background is a blurred view of the lecture hall.

# Investing in communities



**1% of net revenues**  
to help people enhance skills and find jobs



# Environmental responsibility

**Stormwater  
Waste management  
Energy conservation  
Level 3 in the global  
rankings for Airport  
Carbon Accreditation**



# Noise management



**Working to grow sustainably**

# ***WHAT'S NEXT?***

***Toronto Pearson is a critical piece of transportation infrastructure, experiencing significant ongoing growth.***



# Pearson Connects: Growing Canada with a mega hub airport

Eileen Waechter, Director, Planning, GTAA



Toronto Pearson

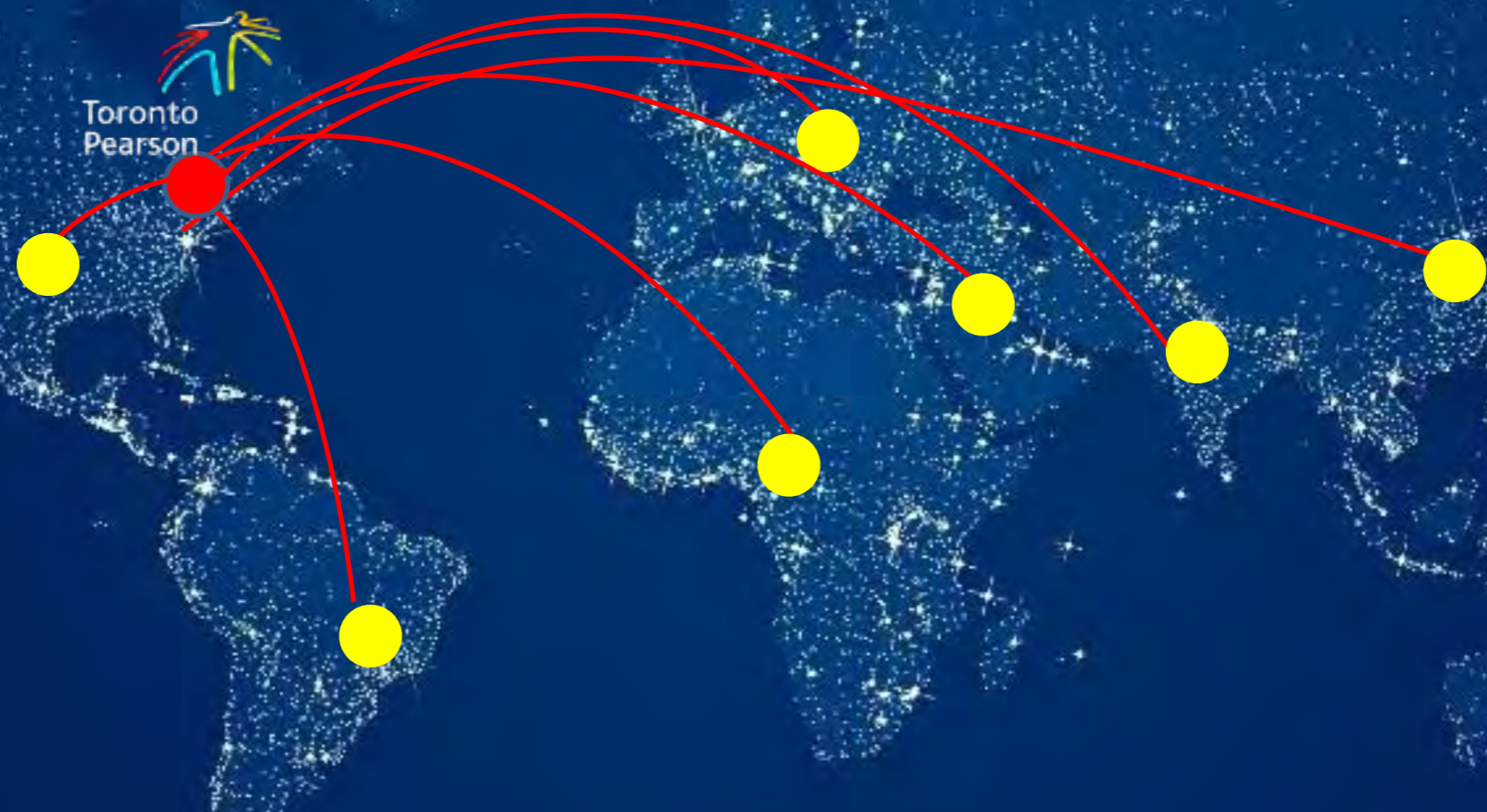
# Airports are economic facilitators



“For me, the transport portfolio is critical for economic growth. To put it bluntly, I regard the Transport portfolio as an economic portfolio. I see transportation in Canada as a single, interconnected system that drives the Canadian economy.”

*The Honourable Marc Garneau,  
Federal Minister of Transport*

# Toronto Pearson is one of Canada's most important economic assets



**67%** of world's economies by daily, nonstop flights

**2nd** in North America for International passengers

**50%** of Canada's air cargo



# Toronto Pearson's operations are a catalyst for GDP growth & job creation



**49,000**

direct jobs (13,000 in Mississauga)

**332,000**







jobs generated or facilitated in ON

**6.3%** of ON's GDP (\$42B)



Toronto  
Pearson

# Toronto Pearson's significance on the world stage is increasing

Airport	Passenger traffic, 2016, Millions	Change in passenger traffic between 2015 & 2016, %
Dubai	 83.7	+7.2%
London/ Heathrow	 75.7	+1.0%
Paris	 65.9	+0.3%
New York JFK	 60.6	+3.8%
Singapore	 58.7	+5.9%
<b>Pearson</b>	 <b>44.3</b>	<b>+8.0%</b>

SOURCE: Airport traffic statistics, GTAA Passenger Traffic statistics, Airport Council International, press search

# Mega hubs of the world



Poised to be North America's next mega hub.

# Why be a mega hub?



# Southern Ontario is growing



**\$1.0 Trillion**  
Ontario GDP in 2043



**~15.5 Million**  
Population in 2043

# Mega hubs create prosperity outweighing economic strength of home region

**80%+** of global economies

**67%** of global economies

**8.5%** of Ontario's GDP

**6.3%** of Ontario's GDP (\$42 B)

**700,000** jobs

**332,000** jobs

**Today**

**Mega hub**

# Reaching the economic potential of Toronto Pearson

2035

Today

1

**Regional transit network:**  
Connect to Southern Ontario with a multi-modal hub

2

**Shorter wait times for passengers:**  
Increased funding for CATSA and CBSA

3

**International Passenger Supportive Policies:**  
Regulatory changes to support international passenger movement

4

**Being a good neighbour:**  
Growing responsibly and sustainably



**Mega Hub**

- 8.5% of Ontario GDP
- Up to 700,000 jobs
- Connected to 80% of global economies

**Global Hub**

- 6.3% of Ontario GDP
- 332,000 jobs
- Connected to 67% of global economies



# How can we unlock growth?



# Aviation demand challenge



**110 million**  
over the next 25 years

**49 million** passengers  
is the present regional demand

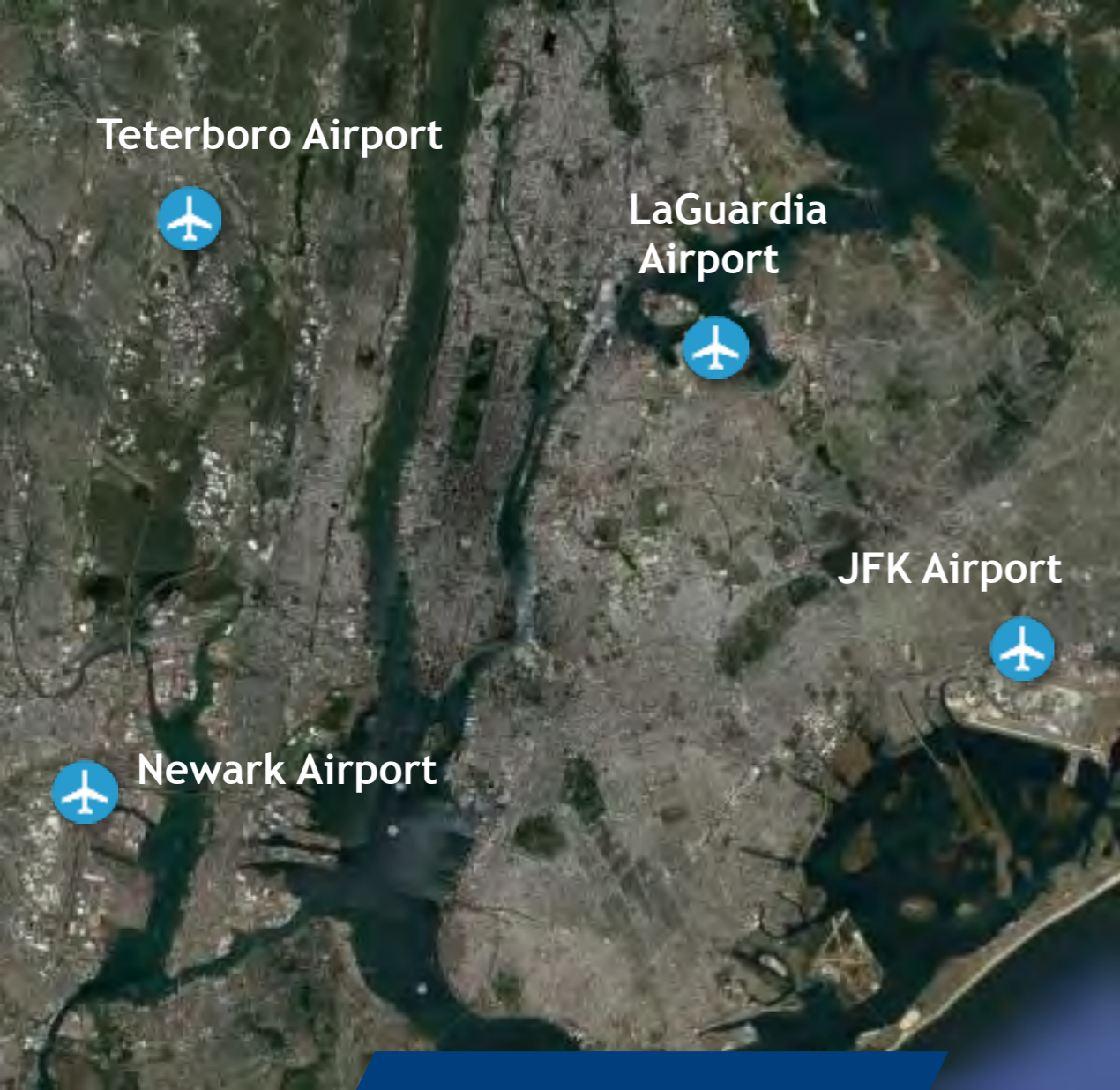


# Southern Ontario Airport Network

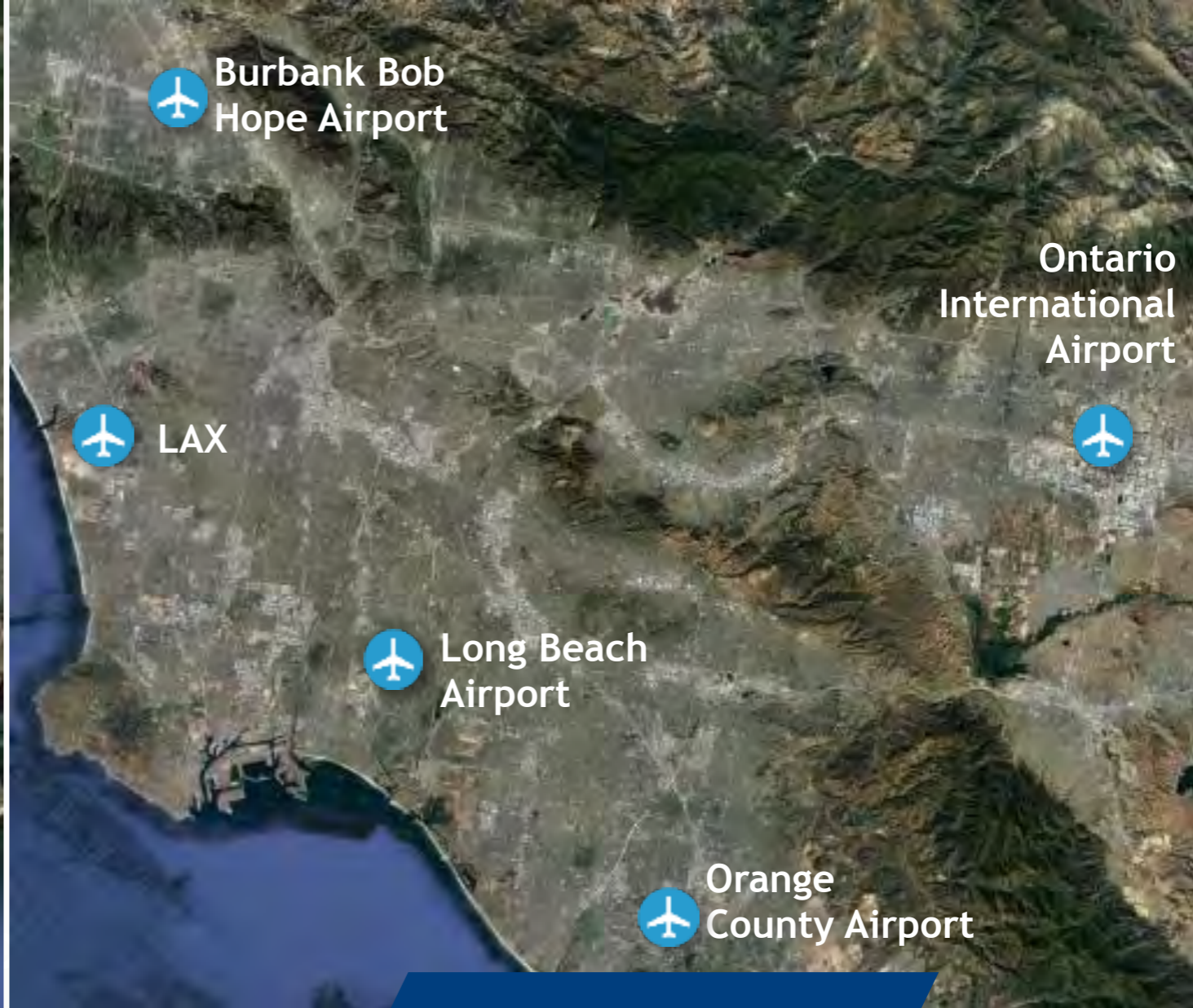


- Airports play important local roles and can support more passenger service, general aviation, cargo flights, etc.
- Better using capacity allows for the “highest and best use” of airport infrastructure to the region’s benefit
- High order transit connecting the region to its passenger airports reduces road congestion and keeps goods and people moving

# North American examples



New York



Los Angeles



# Ground demand challenge

Driving times to  
Toronto Pearson  
are expected to rise  
by an average of  
30% in the next 20  
years



# Transit mode share

Less than  
**10%** of passengers  
at YYZ take  
public transit



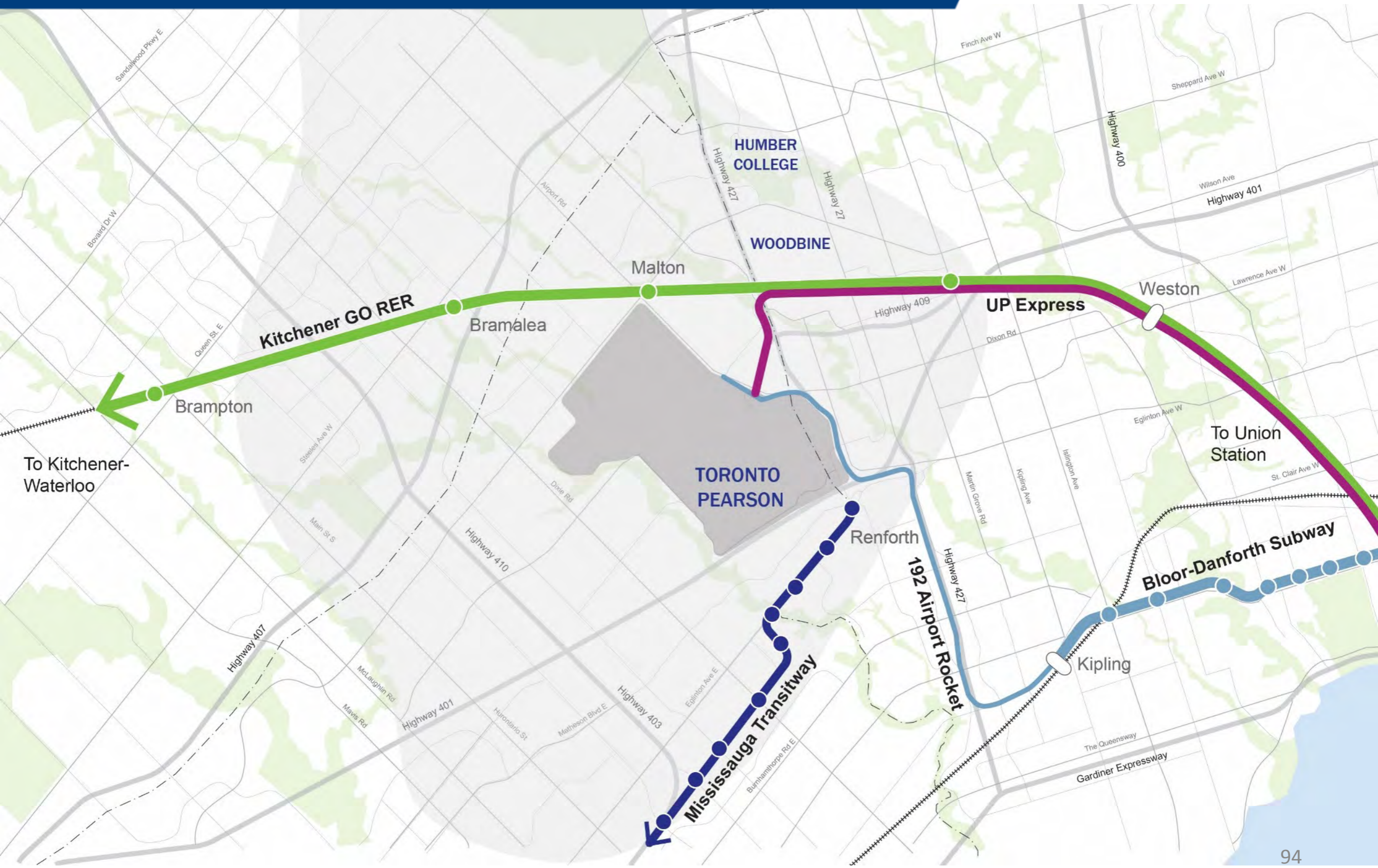
**36%**  
London  
Heathrow

**40%**  
Amsterdam  
Schiphol

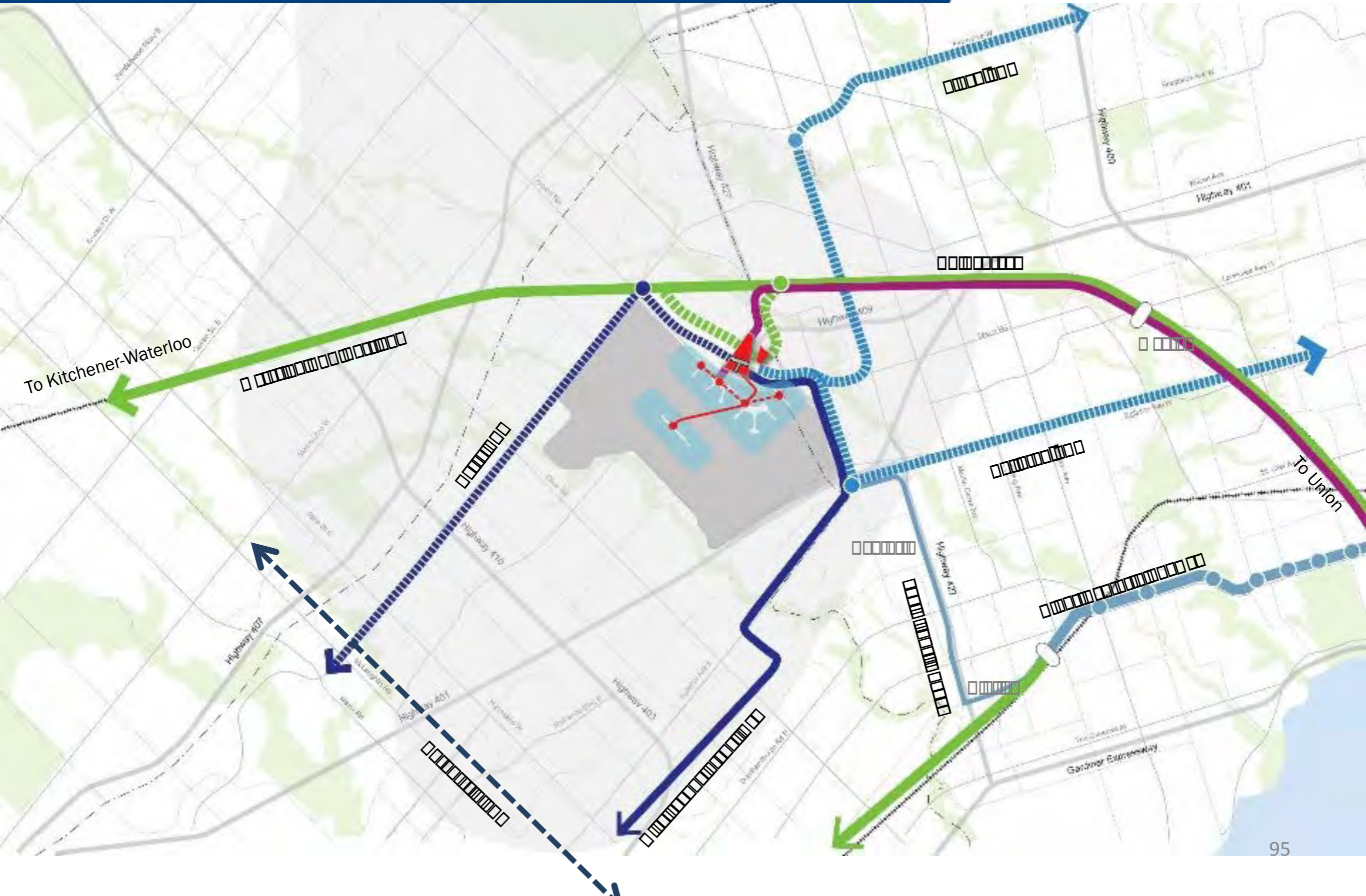
**50%**  
Hong Kong  
Kai Tek

**60%**  
Shanghai  
Pudong

# Today: limited high-order transit connectivity to the airport and surrounding region



# Connecting our region



# Toronto Pearson is well situated to connect jobs and innovation centres across the Greater Golden Horseshoe

## LEGEND

-  Airport
-  University
-  Knowledge Intensive District
-  Key Centres
-  Rapid Transit - Existing
-  Rapid Transit - Proposed
-  Employment Cluster
-  The Toronto-Waterloo Region Innovation Corridor





# Regional transit centre



**Toronto Pearson is committed to building a Regional Transit Centre that could serve as the GTHA's second mobility hub and transform the region**

# Being a good neighbour: growing responsibly and sustainably



Toronto Pearson

# Industry leader in growing sustainably



**Noise  
Management**



**Environment**

# Committed to engagement & conversation



# An active community member



**Outreach & Events**



**Community Investment**

**Toronto Pearson has the potential to unlock economic opportunity for the Canada.**

***Thank You!***

***May 27, 2017  
Residents' Reference Panel***



# Lunch

Three things that surprised you

Three things that you'd like to learn



Toronto Pearson

# Your mandate

The Reference Panel is tasked with advising the GTAA on the measures, standards and commitments it should adopt to meet the needs of area residents and support regional growth.

Specifically, the Reference Panel will develop:

- A set of values which describe its vision of responsible growth;
- A list of issues which the GTAA should attempt to address within its growth plan
- Criteria for evaluating options to mitigate and manage aircraft noise
- Additional recommendations concerning transit options, noise management, environmental stewardship and public communications and engagement



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# What values should guide the airport's growth?



Toronto Pearson

# Thank you

Don't worry. Don't fester.

Call us: 1-844-788-5803

[torontopearson.com/rrp](http://torontopearson.com/rrp)

We'll see you next week!



Toronto Pearson