Welcome

Toronto Pearson Residents’ Reference Panel on Noise Fairness and Airport Growth

Please sit where you like
We will get started at 9am
Peter MacLeod
Chair of the Toronto Pearson Residents’ Reference Panel
Provide clarity
Create momentum
Ensure everyone feels heard
Make this a productive conversation
Robyn Connolly
Director of Community Relations, GTAA
Peter MacLeod
Chair of the Toronto Pearson Residents’ Reference Panel
How were you selected?

We need residents from your community to guide us as we grow. A special invitation to learn about Canada's busiest airport and shape our development.

Response required by May 18

Resident of
123 Democracy Lane
Toronto, ON M5A 3J8
1 in 286
1 in 20,000
1 in 7,200,000

Toronto Pearson

Residents’ Reference Panel
Members’ Profile

Gender
- Men: 18
- Women: 18

Age
- 18-29: 7
- 30-44: 10
- 45-64: 14
- 65+: 5

How many times did you fly into or out of Pearson in 2016?
- Never: 5
- 1 - 5: 23
- 6 - 10: 4
- 11+: 4

How long have you lived in your neighbourhood?
- Less than 1 year: 1
- 1 - 5 years: 7
- 6 - 10 years: 7
- 11+ years: 21

Housing
- Own: 29
- Rent: 7
You're special but you’re not the first...
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
<table>
<thead>
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<td><strong>Accountable</strong></td>
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<td>Advocacy</td>
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<td>Collaboration</td>
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<td>Clarity &amp; communication</td>
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<td>Holistic</td>
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<td>Transition</td>
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<td>Quality</td>
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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?
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
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.
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
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
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<th>Sept 9</th>
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<td>Welcome &amp; Orientation</td>
<td>Mega-hubs and passenger demand</td>
<td>Transit Perspectives</td>
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<td>Break</td>
<td>Understanding Noise (1) Science and policies</td>
<td>Break</td>
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<td>Understanding the GTAA: History, structure, responsibilities, service volumes</td>
<td>Break</td>
<td>Environment Perspectives</td>
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<td>What is the mega-hub vision: Demand-led growth, implications, opportunities</td>
<td>Values discussion (2)</td>
<td>Communications &amp; Engagement</td>
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<td>1</td>
<td>Lunch</td>
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<td>Lunch</td>
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<td>Airport Tour: Introduction to Pearson, and understanding the passenger pathway</td>
<td>Understanding Noise (2): NavCanada: Air traffic control and flight paths</td>
<td>Issues</td>
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<td>3</td>
<td>Identifying issues and questions</td>
<td>Understanding Noise (3): Options for GTAA &amp; International best practices</td>
<td>Lunch</td>
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<td>Break</td>
<td>Community Perspectives</td>
<td>Break</td>
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<td>3</td>
<td>Noise fairness discussion</td>
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<td>Priorities</td>
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<td>4</td>
<td>Adjourn</td>
<td>Roundtable Prep and Adjourn</td>
<td>Adjourn</td>
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**Summer Public Workshops**

- Drafting recommendations
How it all adds up

4 meetings...
32 hours...
16 speakers...
4 public meetings...

1 report
A gentle word about the media, and social media...
Shared concerns

Different views and priorities

Working consensus
Diamond of despair

- Shared concerns
- Different views and priorities
- Working consensus
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?
Break
Regional Overview
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)
The Greenbelt permanently protects nearly 2 million acres of farmland, forests, green space, wetlands, communities and watersheds.

The Greenbelt Area is comprised of:

1. Niagara Escarpment Plan Area (480,000 acres)
2. Oak Ridges Moraine Conservation Plan Area (470,000 acres)
3. Greenbelt Plan Area
   - Protected Countryside (990,000 acres)
   - Urban River Valley Area (630 acres)

See Appendix A - Key Greenbelt Facts
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
Population growth is happening in Toronto, York, and Peel (North and West).

**Exhibit 3.2: Population Growth by Census Period, GGH, 2001-2016**

The graph illustrates the population growth in different regions of the Greater Golden Horseshoe (GGH) over three periods: 2001-2006, 2006-2011, and 2011-2016. The regions are categorized and compared to show the growth trends more clearly.
work is changing too
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

Historic

Forecast

Thousands


International  Inter-Provincial  Intra-Provincial  Net
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
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
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

100th Lancaster Bomber KB799 being rolled out – in 1943

August 31, 1939:
Trans-Canada Inaugural Flight

Travelling through Malton Airport 1940s
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-terms leases with local airport authorities, but federal government maintains ownership of the land
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

Original T1

Parking

T2 Parking

T2
2nd stage of T1 Opened 2005
Growth Story

1970s
10.5 Million

1990s
21 Million

2016
44 Million
Passenger growth & aircraft movements

**Passengers**
- 2015: 41 Million
- 2016: 44 Million (8% increase)

**Movements**
- 2015: 444,000
- 2016: 457,000 (2.8% increase)
Pearson Today
A corporation without shareholders; many stakeholders.

- Passengers
- GTAA and Airport Employees
- Gov’t Agencies
- Labour
- Community
- NAV CANADA
- Airport Service Providers
- Airlines
- Media
- Govt + Transport Canada
- Labour
1,500 GTAA Employees
49,000 Toronto Pearson employees
2nd largest employment zone

300,000 jobs
International gateway

2nd in North America in terms of international passengers

JFK

YYZ
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

$300 million invested in improved baggage processing
Operational efficiency

Airport Collaborative Decision Making (A-CDM)
Improving the passenger experience

4.25
2016 Airport Service Quality score

25 new shops and restaurants
Financial sustainability

$384 million
Non-aeronautical revenue
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.
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)

6.3% of ON's GDP ($42B)
<table>
<thead>
<tr>
<th>Airport</th>
<th>Passenger traffic, 2016, Millions</th>
<th>Change in passenger traffic between 2015 &amp; 2016, %</th>
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<tbody>
<tr>
<td>Dubai</td>
<td>83.7</td>
<td>+7.2%</td>
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<tr>
<td>London/Heathrow</td>
<td>75.7</td>
<td>+1.0%</td>
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<tr>
<td>Paris</td>
<td>65.9</td>
<td>+0.3%</td>
</tr>
<tr>
<td>New York JFK</td>
<td>60.6</td>
<td>+3.8%</td>
</tr>
<tr>
<td>Singapore</td>
<td>58.7</td>
<td>+5.9%</td>
</tr>
<tr>
<td>Pearson</td>
<td>44.3</td>
<td>+8.0%</td>
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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

$\sim 15.5$ Million
Population in 2043
Mega hubs create prosperity outweighing economic strength of home region

- **67%** of global economies
- **6.3%** of Ontario’s GDP ($42 B)
- **332,000** jobs

**Today**

- **80%+** of global economies
- **8.5%** of Ontario’s GDP
- **700,000** jobs

Mega hub
Reaching the economic potential of Toronto Pearson

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. Being a good neighbour:
   Growing responsibly and sustainably

4. 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

49 million passengers is the present regional demand

110 million over the next 25 years
• 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
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

- Derry BRT
- Finch LRT
- Eglinton LRT
- To Kitchener-Waterloo
- Waterloo HSR Corridor
- Kipling
- To Union
- Bloor-Danforth Subway
- 192 Airport Rocket
- UP Express
- Renforth
- Weston
- Mississauga Transitway
- Hurontario LRT
Toronto Pearson is well situated to connect jobs and innovation centres across the Greater Golden Horseshoe.
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
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
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:

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• 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.
What values should guide the airport’s growth?
Thank you

Don’t worry. Don’t fester.

Call us: 1-844-788-5803

torontopearson.com/rrp

We’ll see you next week!