



2012  
**NOISE  
MANAGEMENT  
REPORT**



**Toronto Pearson**  
International Airport | Aéroport International

The year 2012 was an eventful year for Noise Management at Toronto Pearson. A new aircraft noise monitoring system became operational. In conjunction with the new system WebTrak a web based interactive tool designed to facilitate public interaction was also acquired and will be implemented by mid-2013. Together these new technologies will help gain a better understanding of noise data, dissemination of information and transparency.

Also in 2012, Nav Canada implemented their airspace review for the Toronto-Ottawa-Montreal corridor which is the busiest portion of Canadian airspace. The airspace review was implemented to leverage new technologies, gain efficiencies in en-route structure, improve safety and reduce environmental impact.

Index of links provided in this document:

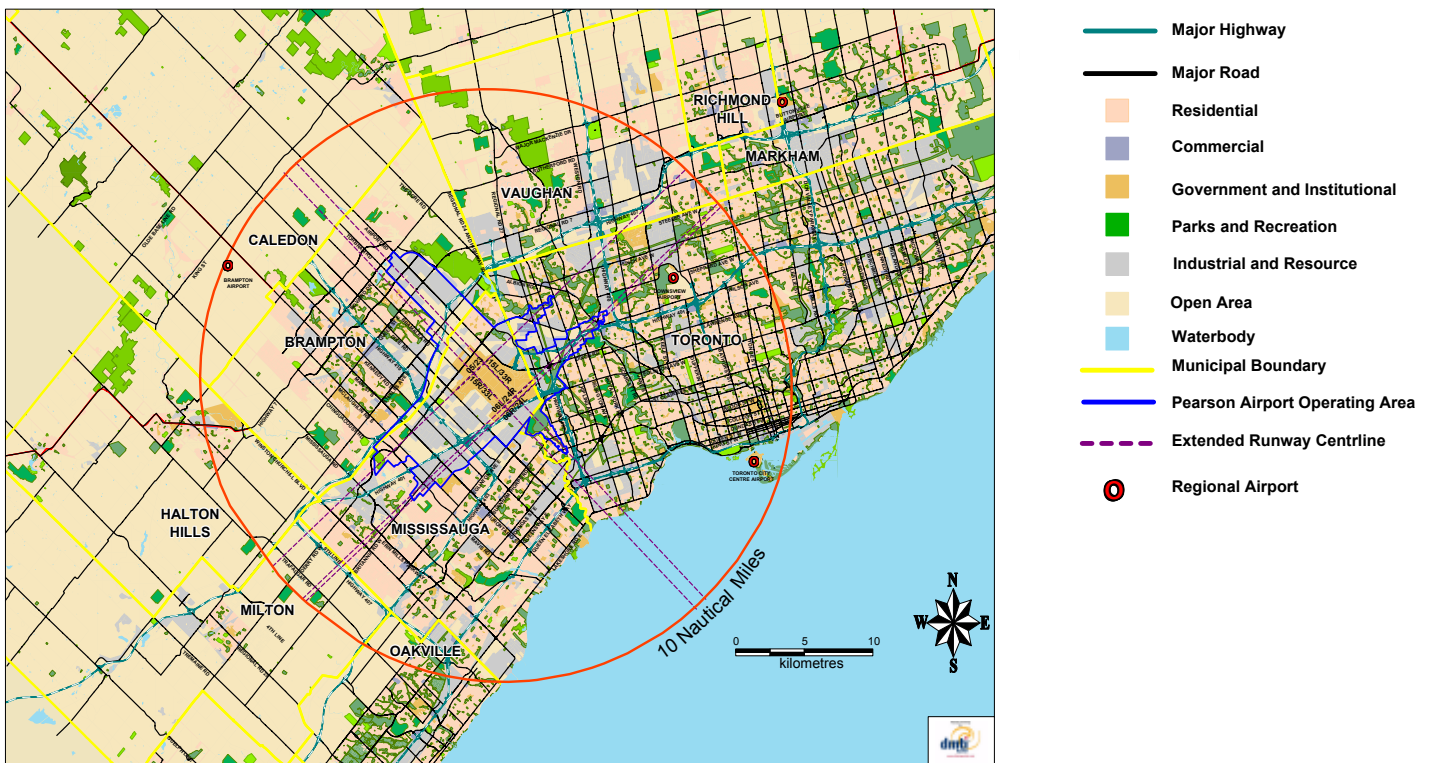
- Community Environment and Noise Advisory Committee (CENAC)  
[www.TorontoPearson.com/en/aboutpearson/noise/cenac](http://www.TorontoPearson.com/en/aboutpearson/noise/cenac)

- Nav Canada Airspace Review  
[www.navcanada.ca/airspace](http://www.navcanada.ca/airspace)

- Toronto Pearson Community Engagement  
[www.TorontoPearson.com/community](http://www.TorontoPearson.com/community)

## GTAA Area of Responsibility

### 10 Nautical Miles for Aircraft Arriving/Departing at Toronto Pearson



#### Notes:

- 1) The GTAA is responsible for registering and responding to noise complaints within a distance of 10 nautical miles related to aircraft arriving to or departing from Toronto Pearson.
- 2) Complaints from aircraft operations within 10 nautical miles of the Toronto Pearson perimeter not operating to or from Toronto Pearson are referred to Transport Canada or the related airport.
- 3) Extended runway centrelines show the approximate flight path of arriving aircraft during final approach. The actual flight paths can vary slightly depending on wind, weather, and individual aircraft operation.
- 4) The Toronto Pearson Airport Operating Area uses well-defined natural or man-made boundaries to approximate the 30 NEF composite contour consisting of the 1996 and 2000 NEF.
- 5) The source of the underlying map data is DMTI Spatial Inc.

# Noise Monitoring Terminals

CENAC was instrumental in reviewing the locations of the noise terminals a few of the locations were decommissioned, some were moved and others were added. All new noise monitoring terminals are now in place and operational.



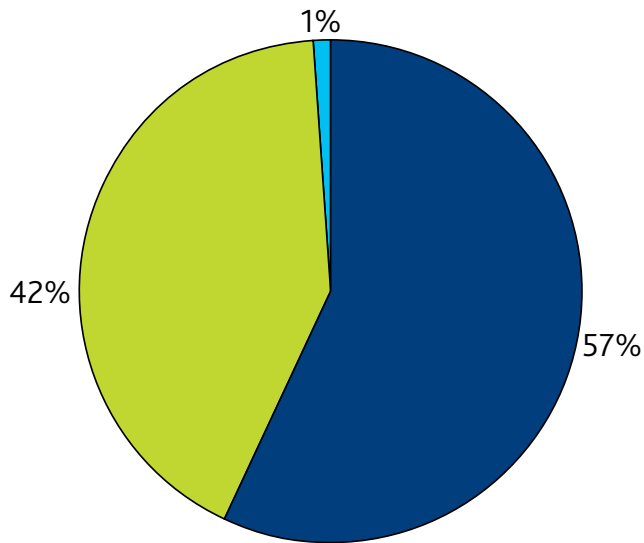
## NOISE MONITORING TERMINAL LOCATIONS

- - - - - Airport Boundary
- - - - - Local Municipal Boundaries
- - - - - 30 Noise Contour
- Residential Areas
- Employment Areas
- Other Use Areas

### Operationally Required:

- |  |   |
|--|---|
| <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">1</span> West Humber Collegiate Institute | <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">14</span> Marvin Heights Public School |
| <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">2</span> Acacia Ave.                      | <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">16</span> BraeBen Gold Course          |
| <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">4</span> Eriksdale Ave                    | <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">20</span> South Fletchers Sportsplex   |
| <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">5</span> Garnetwood Park                  | <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">21</span> Peel Village Golf Course     |
| <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">7</span> James S. Bell Public School      | <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">22</span> Brampton Fire Station #209   |
| <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">9</span> Nav Canada Pond Street           | <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">27</span> Meadow Glen Park             |
| <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">11</span> Dearbourne Park                 | <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">30</span> Richview Ambulance Station   |
| <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">12</span> Grenoble Public School          | <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">31</span> Blackfriar Park              |
| <span style="background-color: yellow; border: 1px solid black; border-radius: 50%; padding: 2px;">13</span> New Life Community Church       |   |

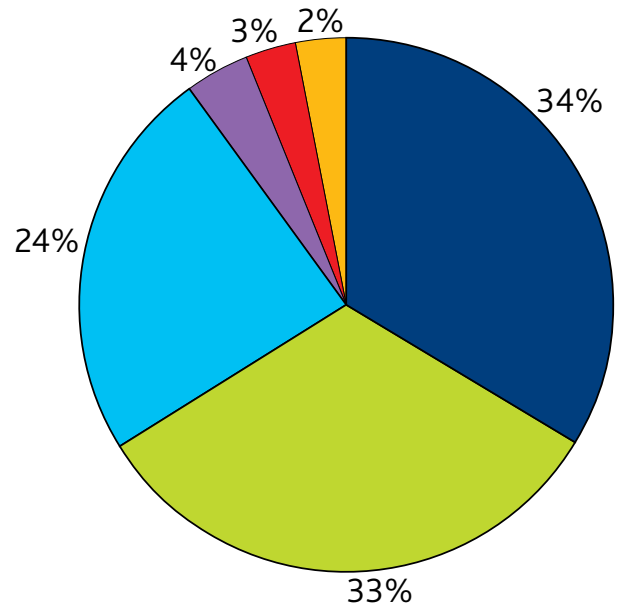
## Noise Complaints by Operation



- Departure Complaints
- Arrival Complaints
- Non Runway Complaints\*

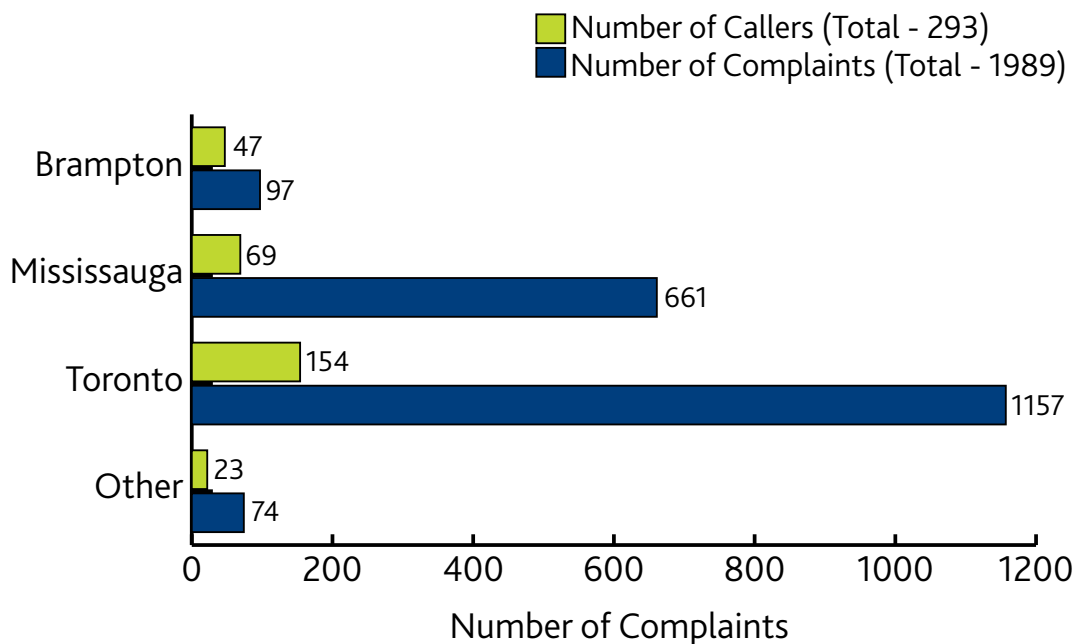
\*Non Runway Operations include flight checks, maintenance run-ups, helicopter operations, overshoots and unknown sources.

## Top Five Callers vs. All Other Callers



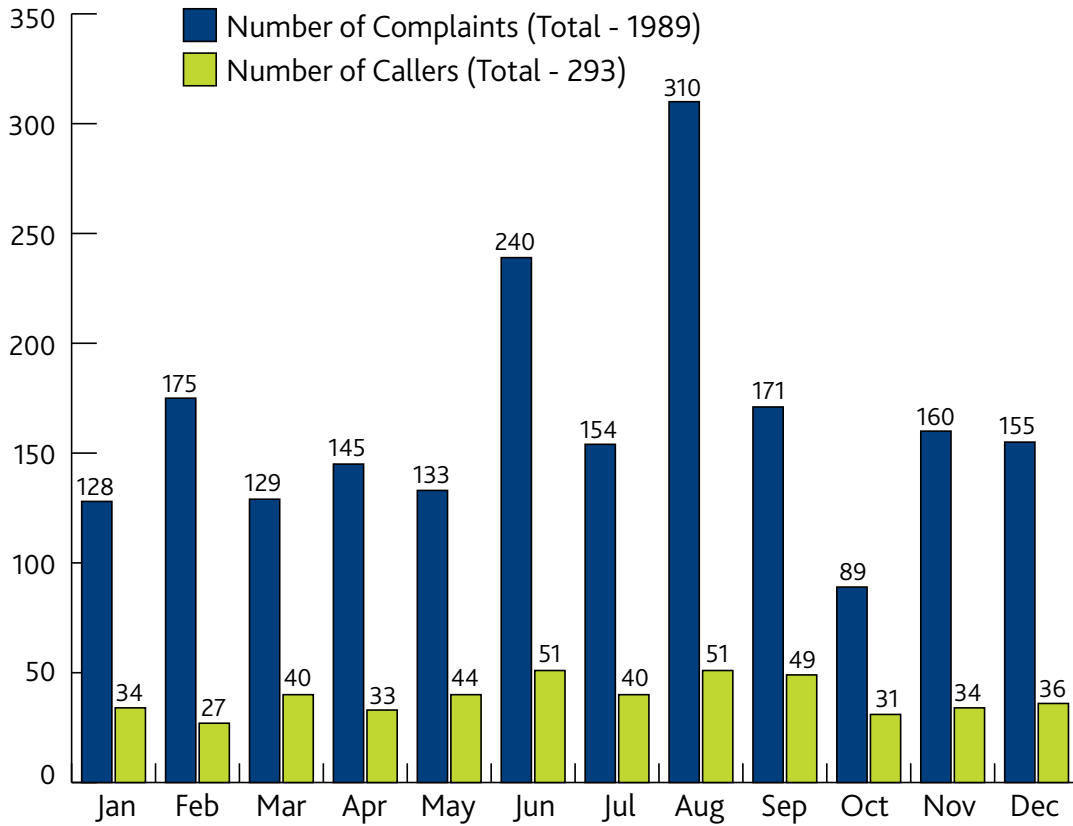
- Parkdale-High Park
- All Others
- Mississauga East-Cooksville
- Etobicoke Centre
- Eglinton-Lawrence
- Eglinton-Lakeshore

## Comparison of Noise Complaints by Municipality



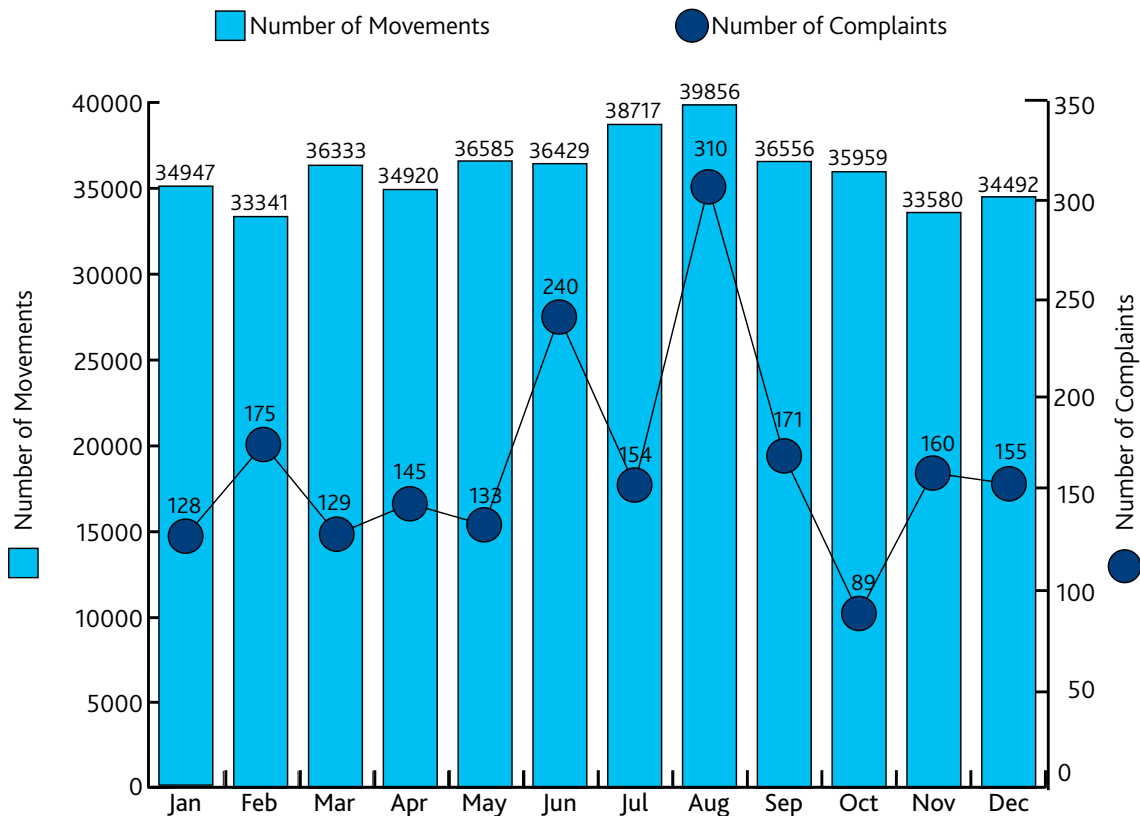


# Monthly Comparison of Noise Complaints and Callers

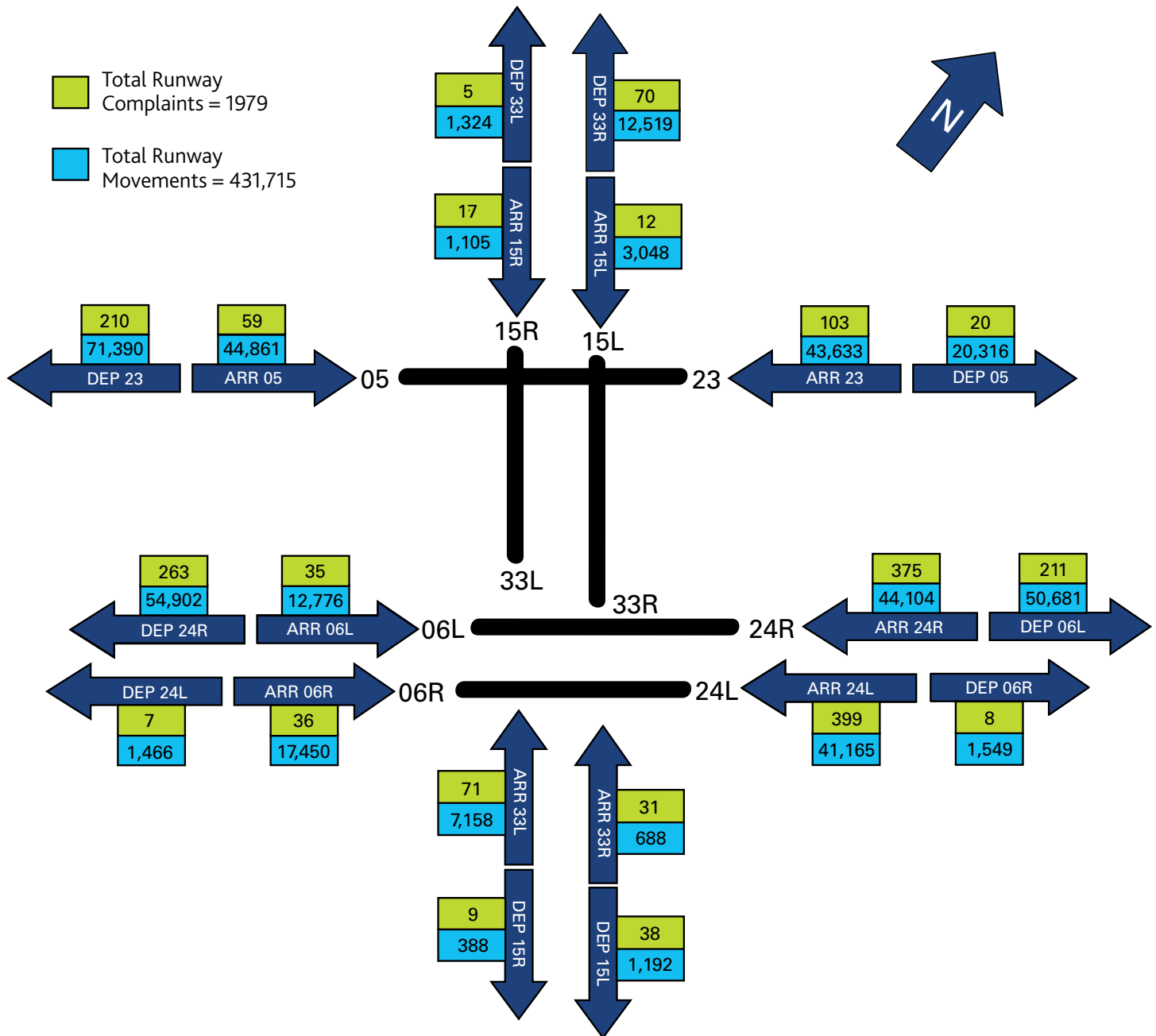


Note: One caller may have placed calls in more than one month, therefore the total caller number may be different.

# Monthly Comparison of Runway Movements and Noise Complaints



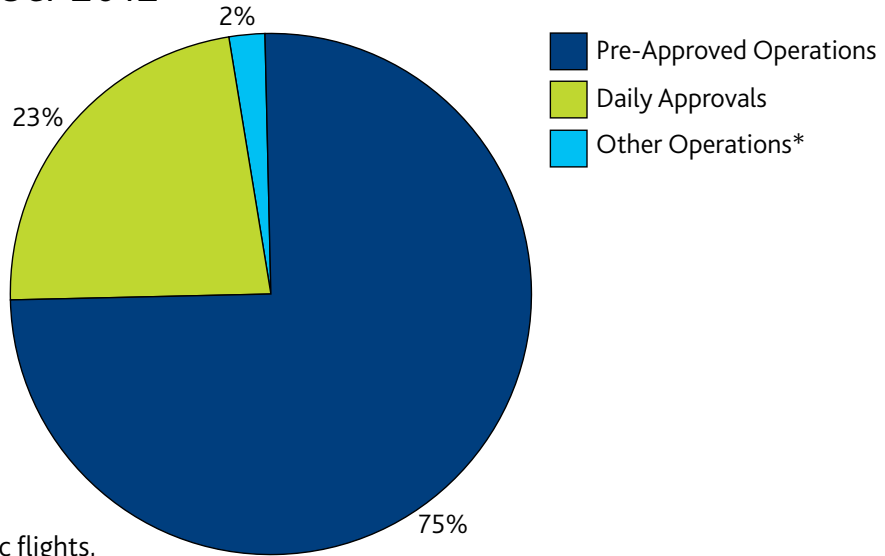
# Comparison of Noise Complaints by Runway Operation



Non Runway Complaints: 1 overshoot, 3 flight checks and 1 helicopter, and 5 engine run-ups.

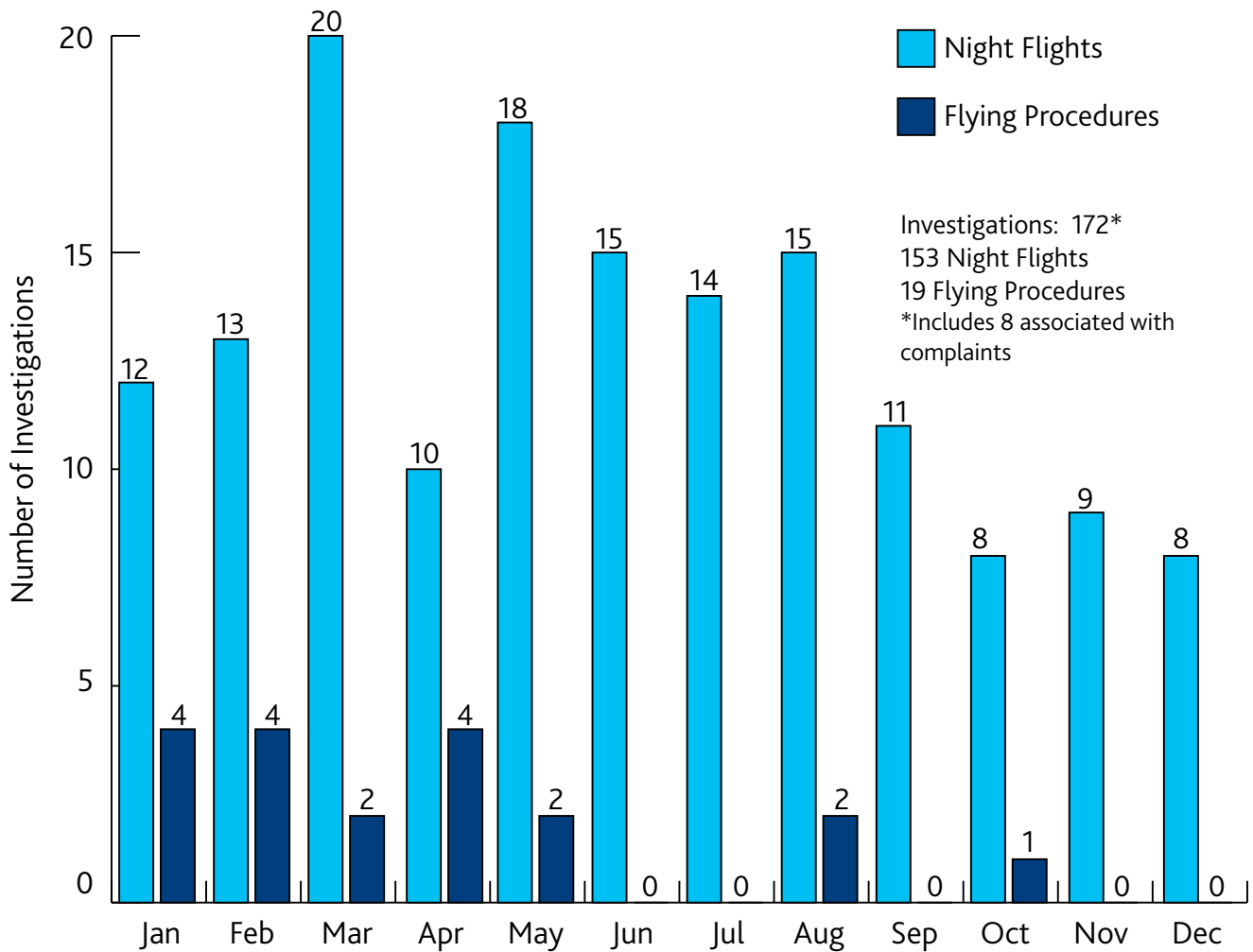
# Restricted Hour Operations

November 2011 - October 2012



\*Other Operations include medevac flights, weather alternate flights, military and police.

# Monthly Enforcement Investigations



To make a noise complaint by telephone, contact the Noise Management Office at (416) 247-7682.

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Aircraft flying over Toronto Pearson, or beyond our 10 nautical mile range, are the responsibility of Transport Canada at 1-800-305-2059.

We'd like to hear from you.

Please feel free to contact us if you have any questions about Toronto Pearson's community engagement program.

Phone: (416) 776-5739

Email: [community.engagement@gtaa.com](mailto:community.engagement@gtaa.com),

Website: [www.Torontopearson.com/community](http://www.Torontopearson.com/community)

**For further information about Toronto Pearson, contact:**

**Greater Toronto Airports Authority**  
**Toronto Pearson International Airport**  
P.O. Box 6031, 3111 Convair Drive  
Toronto AMF, Ontario  
Canada L5P 1B2  
Noise Management Office: (416) 247-7682  
Website : [www.TorontoPearson.com](http://www.TorontoPearson.com)



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