



**SOUNDSCAPE ADVISORY COMMITTEE**

**MONTRÉAL-PIERRE ELLIOTT TRUDEAU  
INTERNATIONAL AIRPORT**

**SUMMARY**

**Meeting of June 9<sup>th</sup>, 2017**



Following is a summary of the meeting of the Soundscape Advisory Committee that was held on June 9<sup>th</sup>, 2017 at Aéroports de Montréal's Head Office.

Present :

- Nathalie Hamel, Aéroports de Montréal
- Karl Brochu, Aéroports de Montréal
- Alan DeSousa, Mayor, Borough of Saint-Laurent
- Kelly Thorstad-Collin, in replacement of Morris Trudeau, Mayor, City of Pointe-Claire
- Myrka Manzo, Air Canada
- Sylvain Caron, Transports Québec
- Rémi Désert, Transport Canada
- Richard Beaudet, Transport Canada
- Anne Marcotte, Aéroports de Montréal

Absent :

- Aref Salem, Responsible for Transportation, City of Montreal / Councillor, Borough of Saint-Laurent
- Edgar Rouleau, Mayor, City of Dorval
- Jérôme Gagnon, NAV Canada
- George Petsikas, Air Transat
- Philippe Serafino, American Airlines
- Nathalie Beaulieu, Skyservice

Secretary :

- Anne-Marie Urban, Aéroports de Montréal

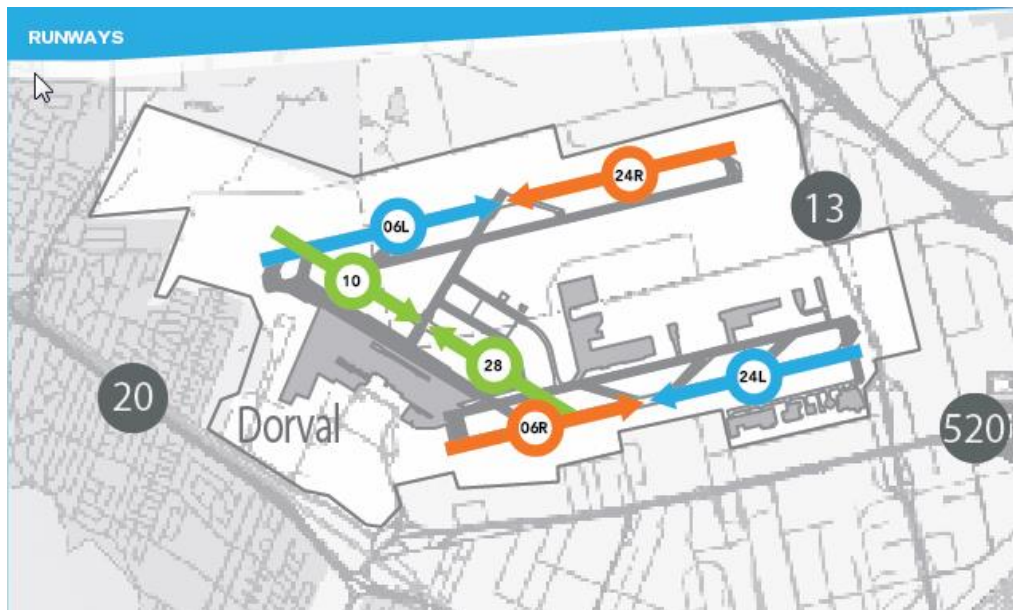


#### A. YEARLY INDICATORS – 2016

- 322 people filed 718 noise complaints in 2016
  - Increase of 35% of complainants compared to 2015
  - Increase of 26% of complaints compared 2015
  - 38% of the complaints were filed by 4 complainants.

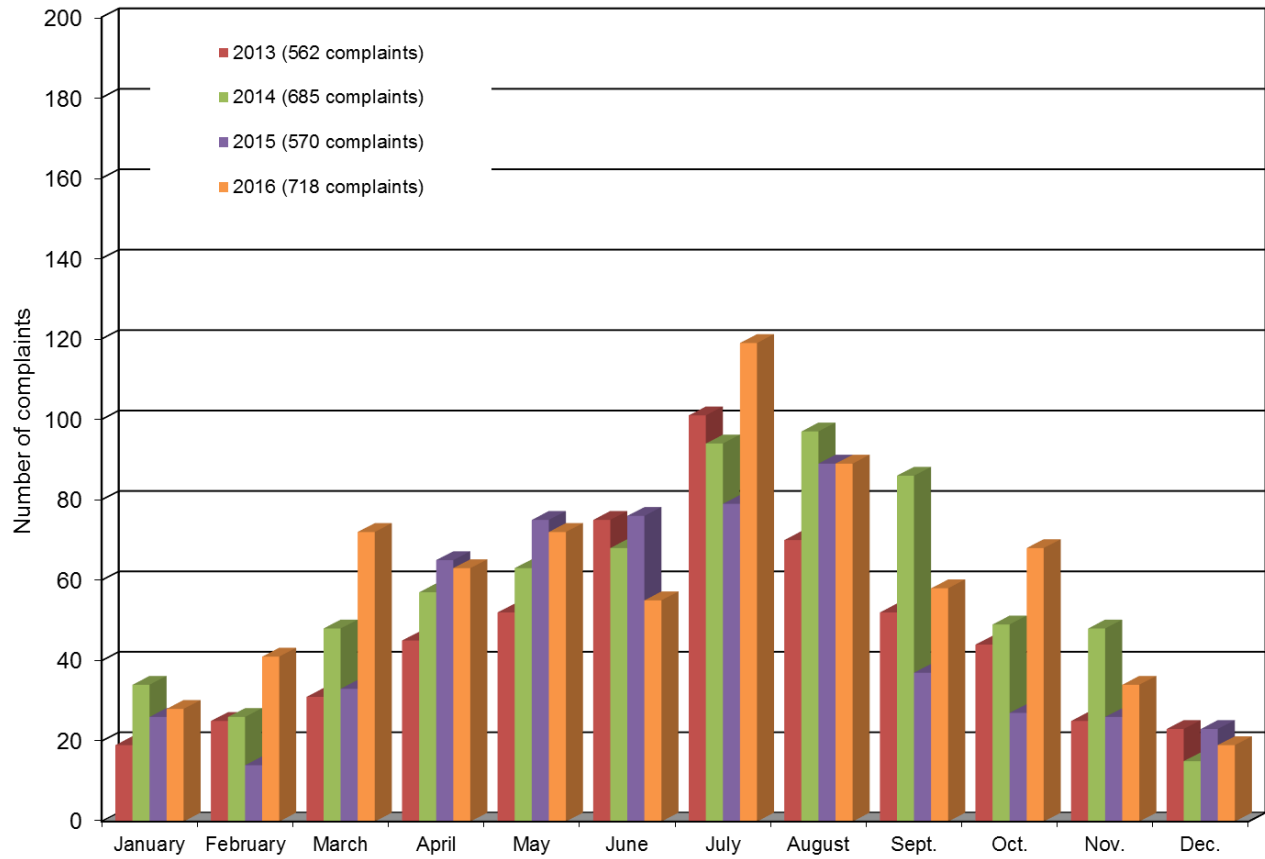
Construction work in 2016:

- Runway 06R-24L:
  - Closed from July 12 to 22
  - Reduced length from July 22 to October 23
  - Closed from October 24 to November 3
  - Runway assignment during these periods impacted mainly the areas of Dorval north, Pointe-Claire and Saint-Laurent north.
- Runway 10-28:
  - Closed from May 9 to July 11
- Runway 06L-24R:
  - Closed from May 2 to 6





**NOISE COMPLAINT STATISTICS**



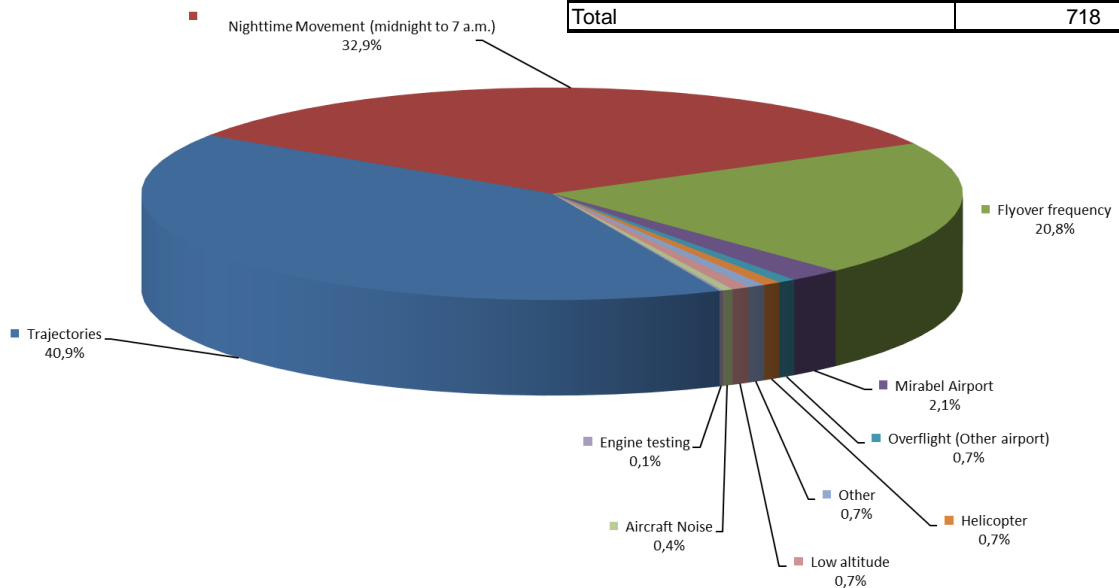
# MONTRÉAL-TRUDEAU

## LA GESTION DU CLIMAT SONORE SOUNDSCAPE MANAGEMENT



### MOTIVE OF DISTURBANCE - YEAR 2016 AÉROPORT MONTRÉAL-TRUDEAU

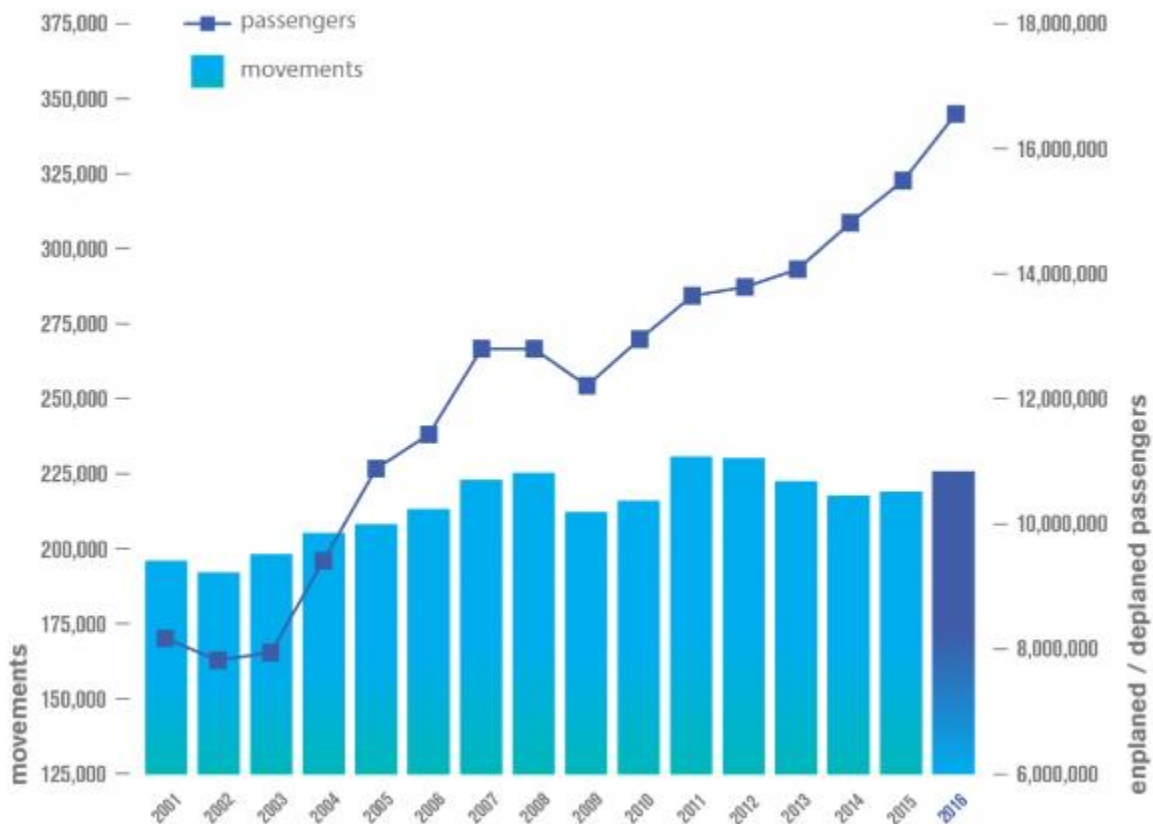
Motive of disturbance - 2016	Number of complaints
Trajectories	294
Nighttime movements (midnight to 7 am)	236
Flyover frequency	149
Mirabel airport	15
Other	5
Overflights (other airports)	5
Low altitude	5
Helicopter	5
Aircraft noise	3
Engine testing	1
<b>Total</b>	<b>718</b>





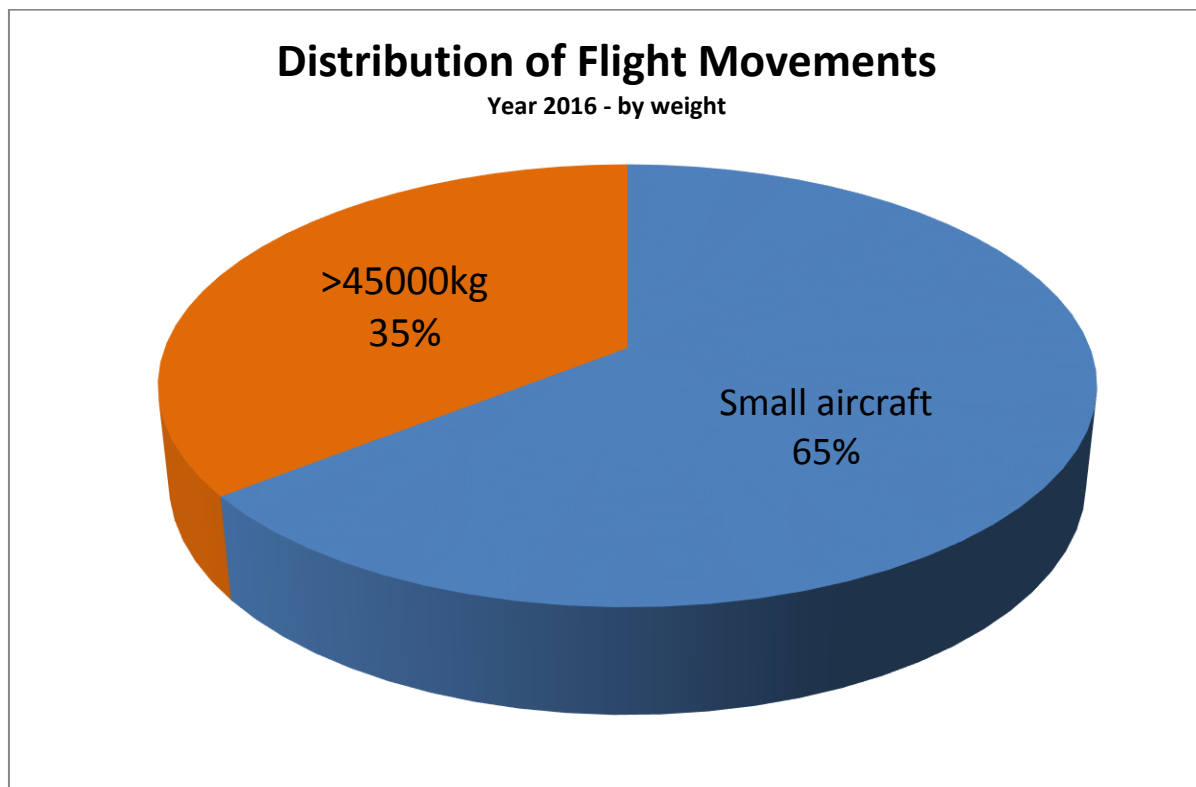
**Number of aircraft movements / passengers:**

**Aéroports international Pierre-Elliott-Trudeau de Montréal  
 (YUL)  
 2001-2016**





**Flight movements – Traffic today:**

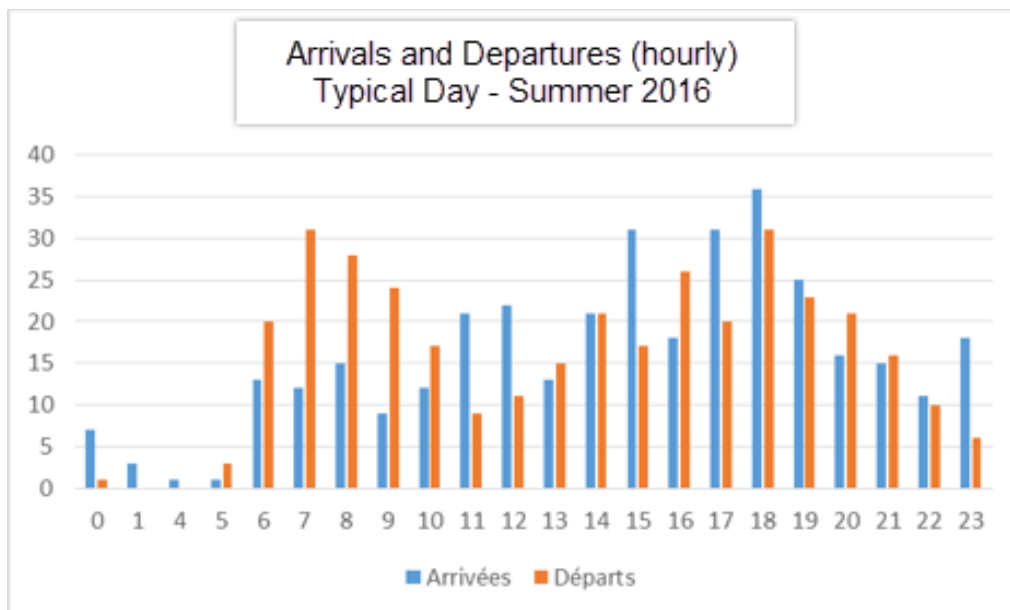
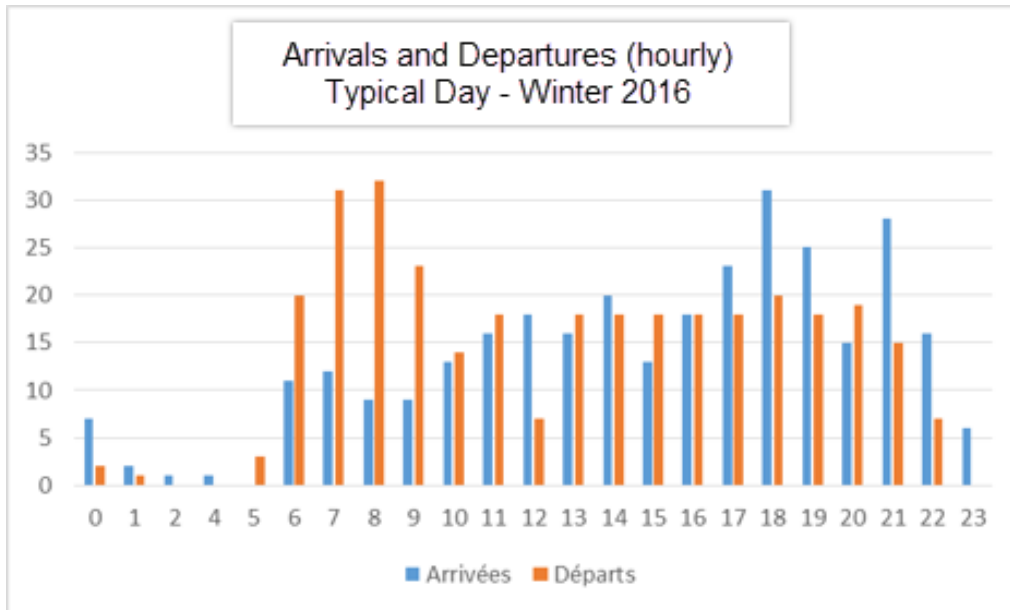


- Aircraft +45,000 kg (Airbus, Boeing)
- Aircraft -45,000 kg (CRJ, Dash-8, general aviation)



# MONTRÉAL-TRUDEAU

## LA GESTION DU CLIMAT SONORE SOUNDSCAPE MANAGEMENT

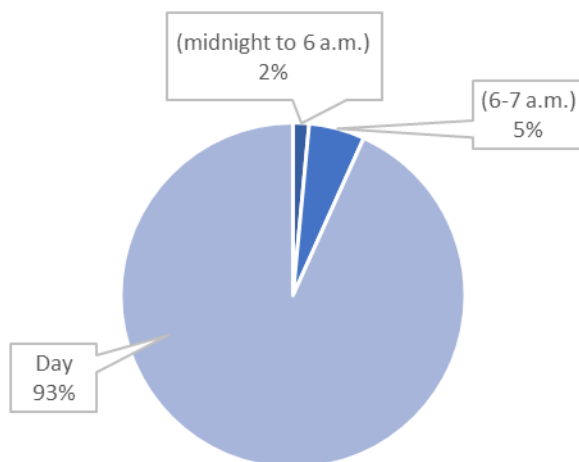






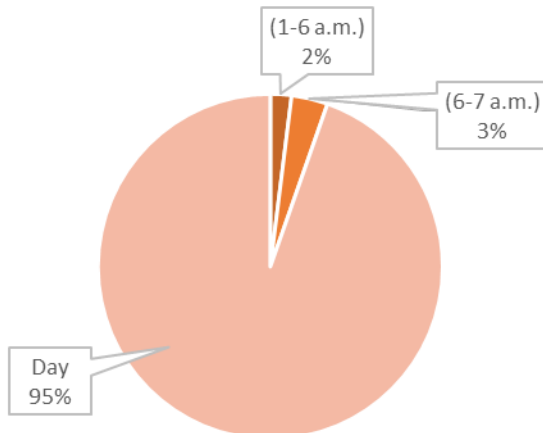
Distribution of movements 2016

Departures



Distribution of movements 2016

Arrivals

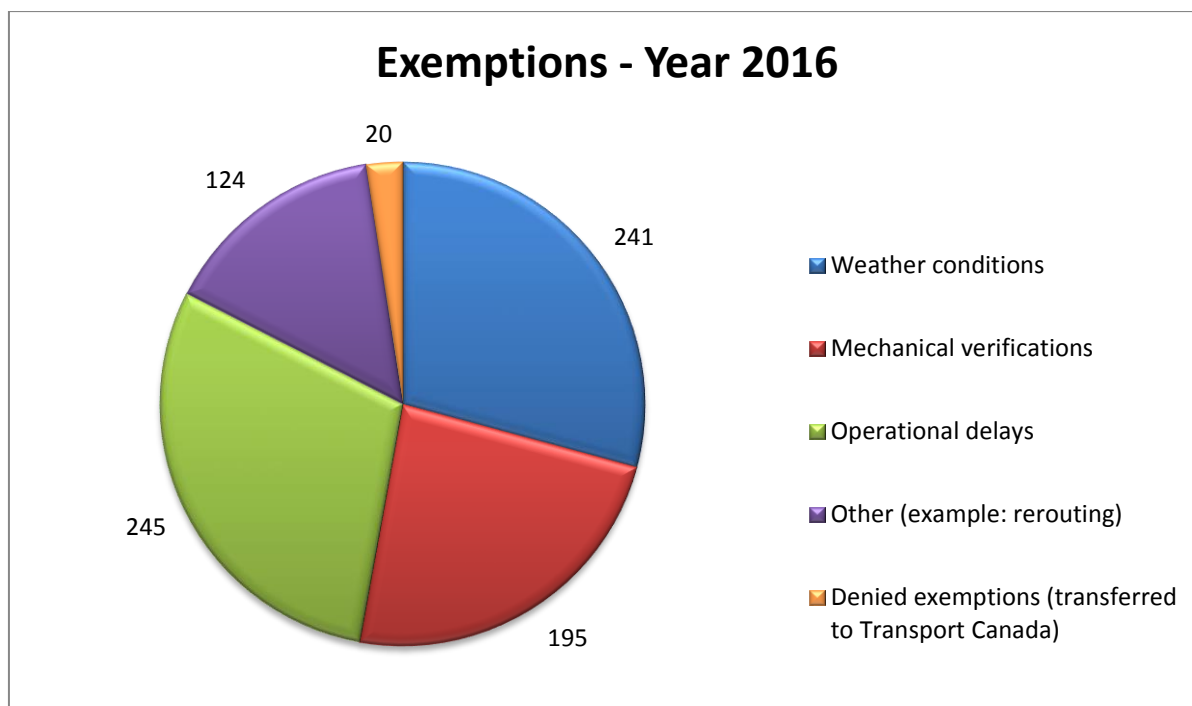




**Exemptions – Year 2016:**

805 ad-hoc exemptions were granted for the year 2016 compared to 874 in 2015.

20 infraction cases were transmitted to Transport Canada compared to 11 in 2015.

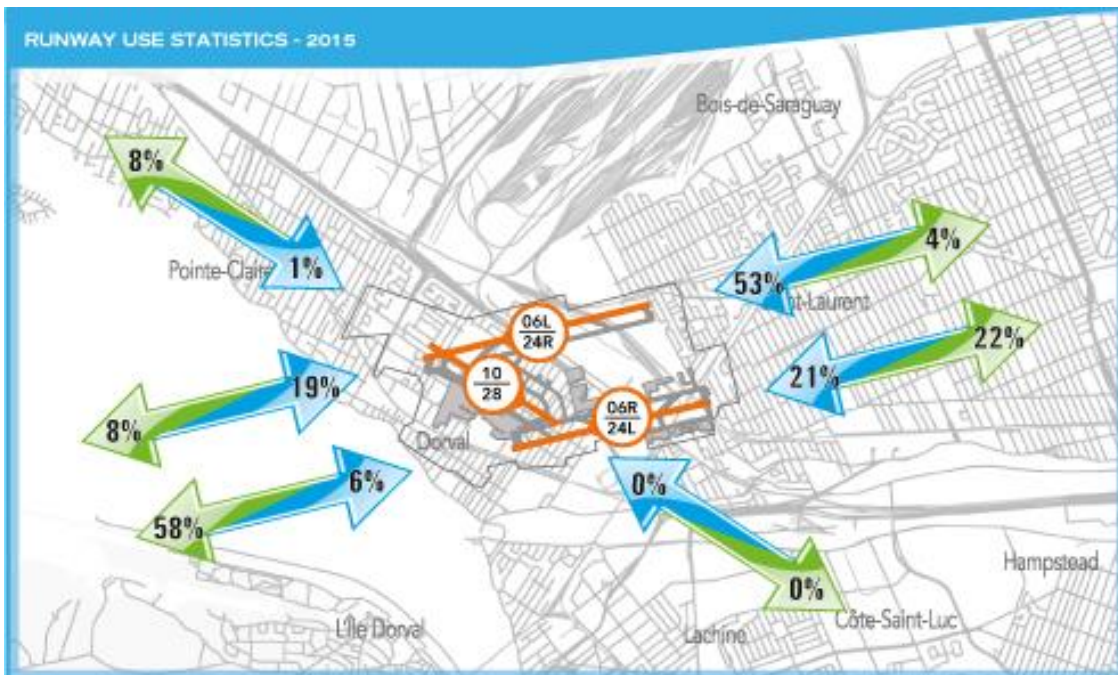
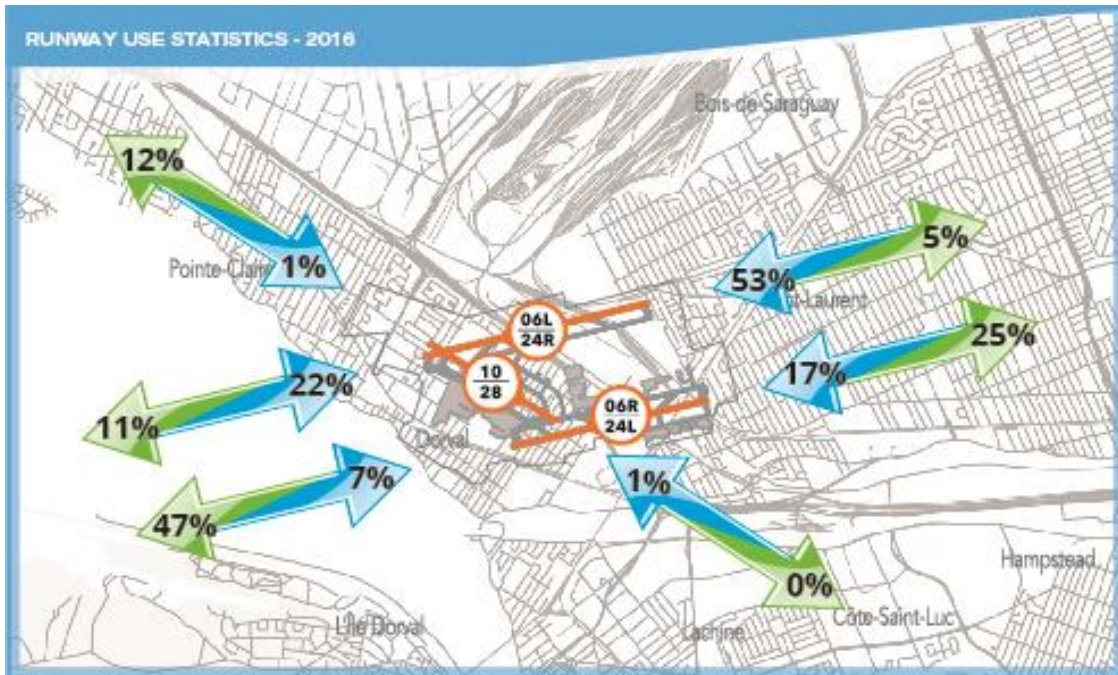


# MONTRÉAL-TRUDEAU

## LA GESTION DU CLIMAT SONORE SOUNDSCAPE MANAGEMENT



### Runway Use Statistics – Year 2016 vs 2015





# MONTRÉAL-TRUDEAU

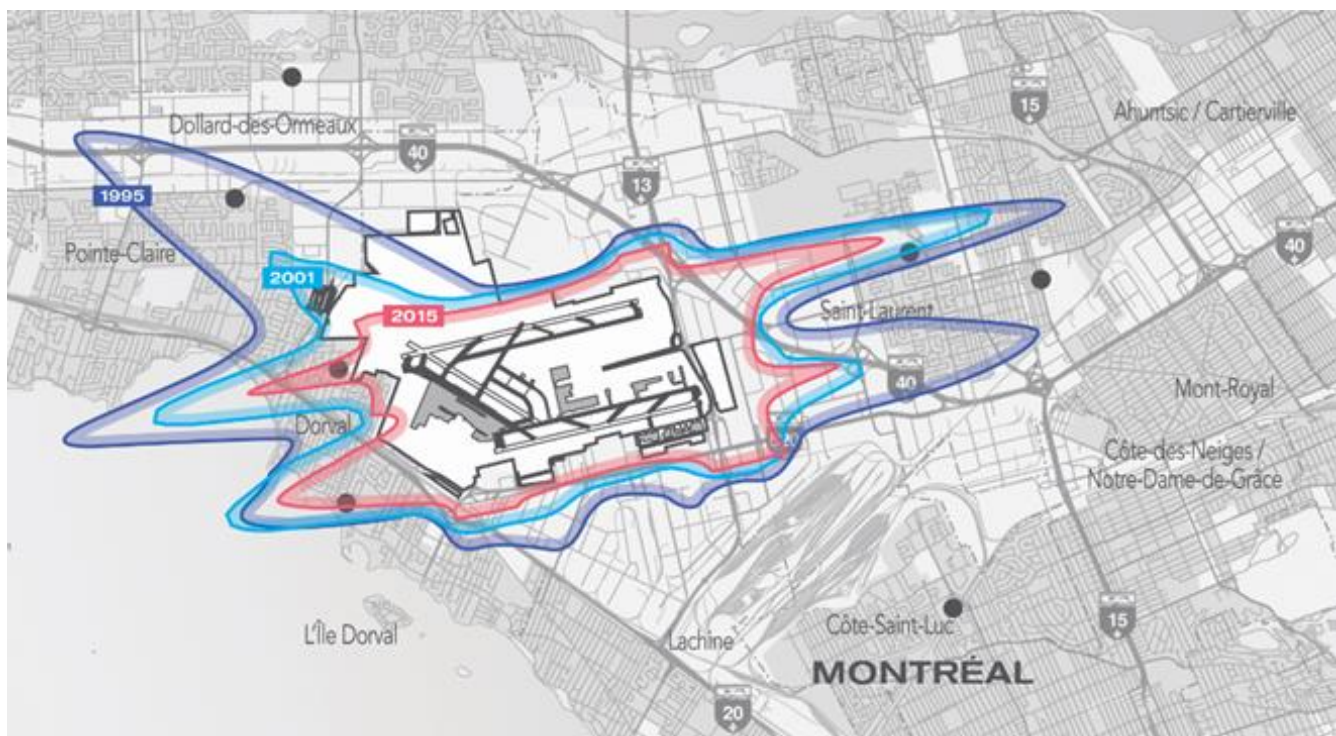
## LA GESTION DU CLIMAT SONORE

### SOUNDSCAPE MANAGEMENT



#### B. NEF 2015

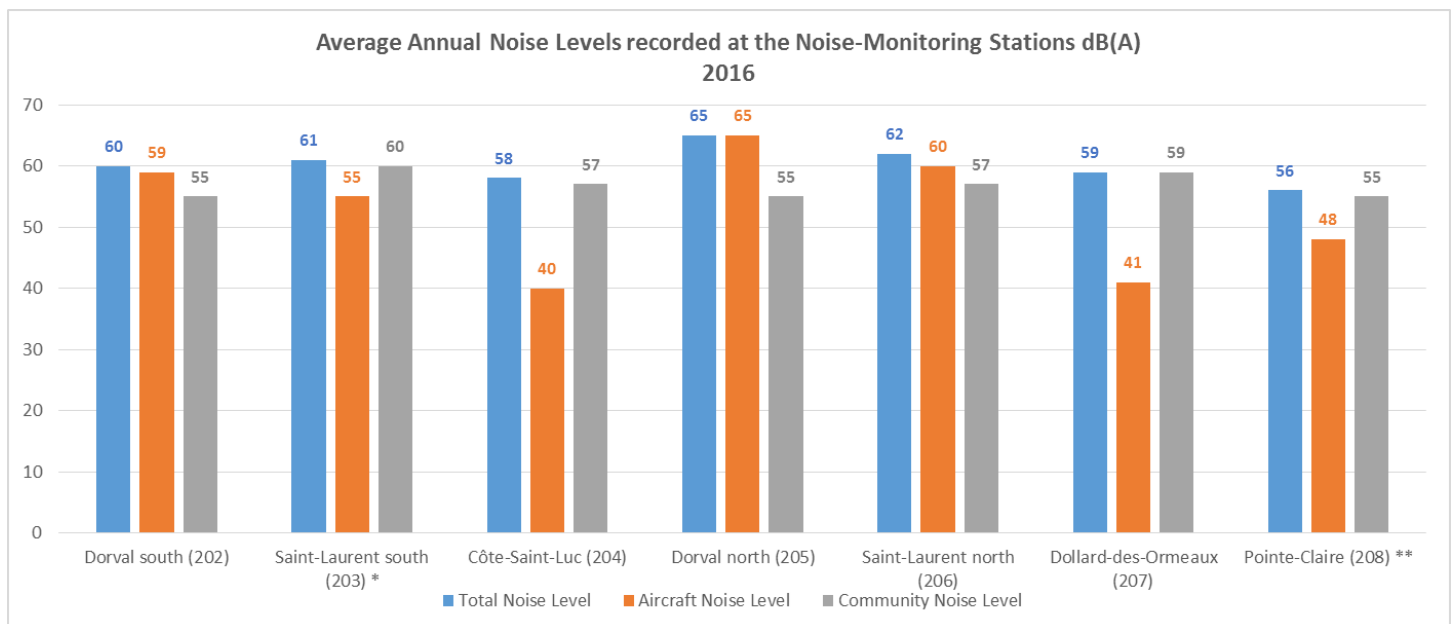
- Normalized contour that includes all aircraft movements
- Sound footprint of Montréal-Trudeau : 18.9 km<sup>2</sup> in 2015, decrease of 55% compared with the 42.2 km<sup>2</sup> registered in 1995.
- Number of people living under the noise footprint has declined by 90% since 1995, from 39,421 to 3,878.





### C. ANNUAL LEQ – 2016

The Leq average noise levels recorded at the noise-monitoring stations are presented. There are three types of report: total noise (all noise sources) aircraft noise, and community noise (train, truck and other noise not related to aircraft movements). The -21 dB(A) noise-attenuation factor due to home insulation, used by the World Health Organization (WHO), must also be considered.



- Noise levels measured in Dollard-des-Ormeaux, Côte-Saint-Luc and Pointe-Claire are significantly lower than community noise levels.
- The Dorval North station is very close to the runway (1 km).

# MONTRÉAL-TRUDEAU

## LA GESTION DU CLIMAT SONORE SOUNDSCAPE MANAGEMENT



### D. OVERVIEW OF CONSTRUCTION WORK – SUMMER 2017

- Runway 06R-24L closed from April 18 to 24
- Runway 10-28 closed from May to the end of September due to construction of a new aircraft parking area located north of runway 10-20
- Temporary closures of runways 06L-24R and 06R-24L for maintenance work

