

**North runway**  
(06L-24R)

**South runway**  
(06R-24L)

## **SOUNDSCAPE ADVISORY COMMITTEE**

### **SUMMARY**

**Virtual Meeting – March 10, 2023**

# Soundscape Advisory Committee

## Summary of virtual meeting of March 10, 2023

### Present members:

#### Co-chairs:

Martin Massé, Aéroports de Montréal  
Stéphane Lapierre, Aéroports de Montréal

#### Citizens' representatives:

Émilie Thuillier, representative of the City of Montréal and Mayor, Borough of Ahuntsic-Cartierville  
Tim Thomas, Mayor, City of Pointe-Claire  
Marc Doret, Mayor, City of Dorval  
Alan DeSousa, Mayor, Borough of Saint-Laurent

#### Airlines' representatives:

Stefanie Rondou-Pontbriand, Air Canada  
Donald Doskas, American Airlines  
Cecile Michoux, Air Transat

#### Partners' representatives:

Luc Tremblay, NAV CANADA  
Mallory Moore, NAV CANADA

# Soundscape Advisory Committee

## Summary of virtual meeting of March 10, 2023

### Present members:

Aéroports de Montréal representatives: Karl Brochu  
Anne Marcotte  
Lyne Michaud  
Mark Ruel  
Sophie Prigent

### Absent members:

Rémy Desert, Transports Canada  
Armand Hounto, Transports Québec  
Myrka Manzo, Air Canada  
Jonathan Bagg, NAV CANADA  
Laurie Talluto, Aéroports de Montréal

### Secretary:

Aéroports de Montréal : Anne-Marie Urban

# Soundscape Report 2022

## Highlights

**In 2022: 59,525 complaints filed by 392 people**

**Compared to 2019 (year of reference):**

- The total number of complaints increased by 17% while the number of complainants decreased by 60%.
- The number of complaints linked to an air movement other than YUL or YMX decreased by 35%.

**YUL: 58,790 complaints filed by 348 people**

- The number of air movements decreased by 24% compared to 2019 while the number of complaints increased by 22%.
- The number of complainants decreased by 63%. For the year 2022, 77% of the complaints (45,514 complaints) were filed by 3 people.
- In 2022, 18% of air movements were operated with new generation aircraft (A220, A321Neo, B738 Max).
- In 2022, the north runway was closed from March 14 to June 23 and from October 17 to November 11 which increased the use of the south runway whose flight path overflies the areas of south St-Laurent, Town of Mount-Royal, Villeray-St-Michel-Parc-Extension and Rosemont-La-Petite-Patrie.

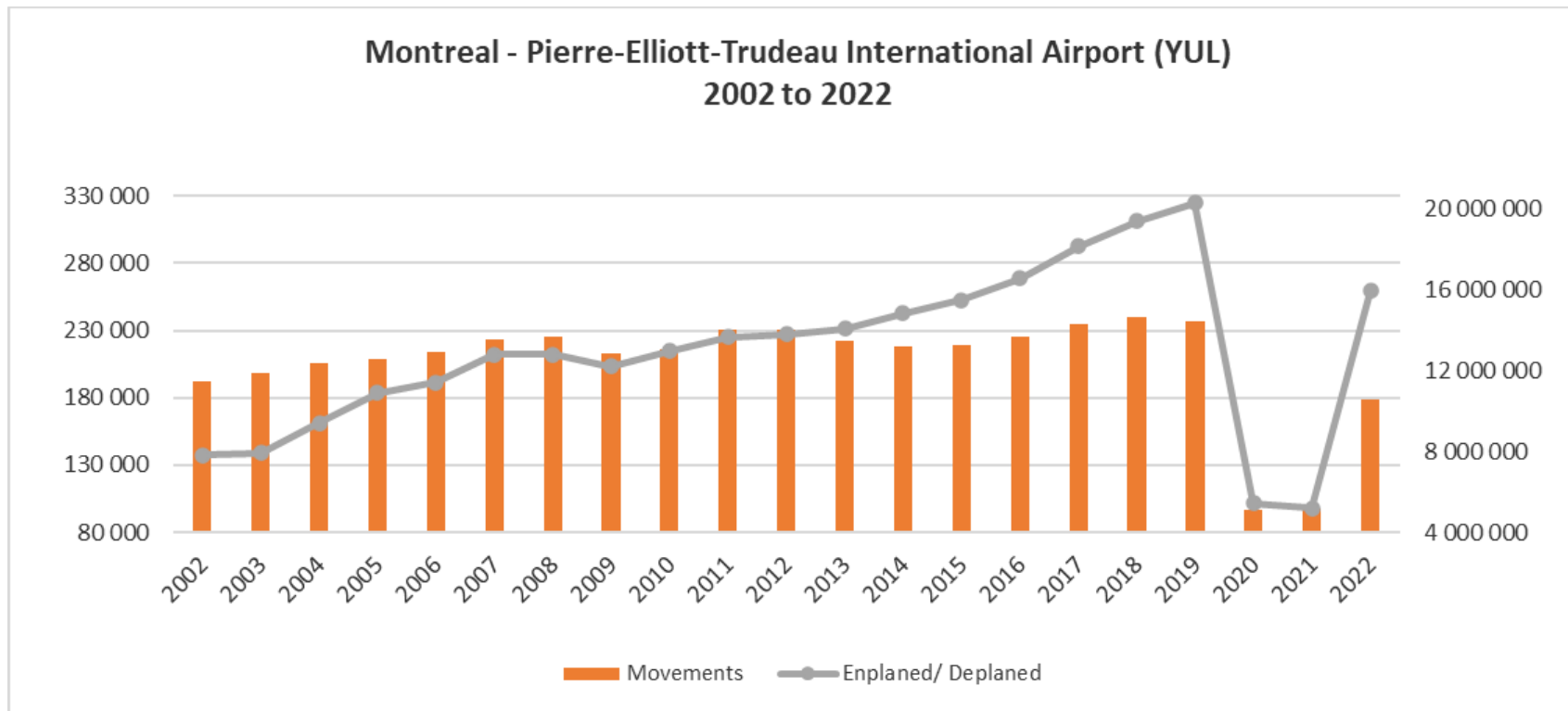
# Soundscape Report 2022

## Actions

- March 8 and 9 – 4 virtual information meetings were held by ADM and NAV CANADA to inform citizens on the alternative departure procedures put in place to ensure the flow of operations during the north runway closure.
- Section of the web site with the recordings of these meetings, the presentations and an FAQ as well as updates on the construction work.
- Newsletters sent out to inform citizens on the extraordinary situations caused by weather conditions as well as the difficulties of staff availability and the rapid resumption of activities that generated significant delays in airport operations and an increase in exemptions granted for departures and arrivals during restricted hours.

# Soundscape Report 2022

## Movements YUL



# Soundscape Report 2022

## Overview (2019-2021-2022)

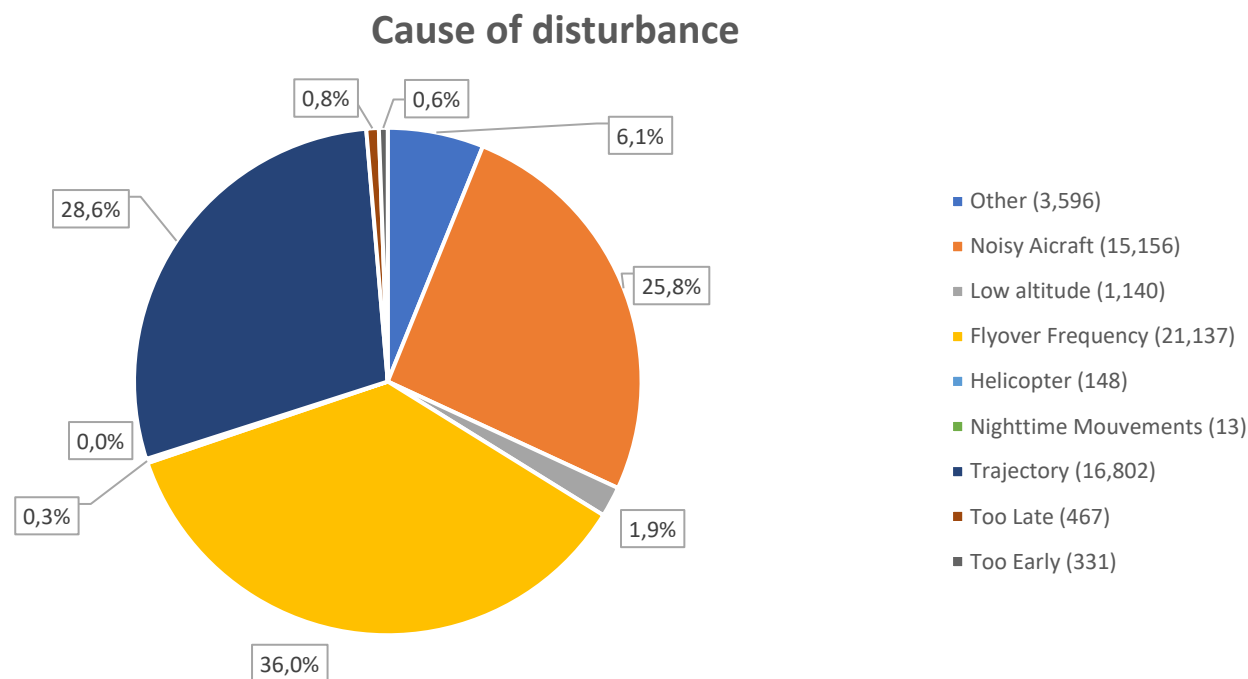
	2019	2021	2022
Complaints – Total	50,709	30,464	59,525
Complainants – Total	979	247	392
Complaints – YUL	48,273	<b>29,811</b>	<b>58,790</b>
Complainants – YUL	934	<b>195</b>	<b>348</b>
Complaints – YMX	82	56	50
Complainants – YMX	30	10	17
Complaints – Other airports	763	456	498
Complaints not linked to a flight *	1,591	48	187
Number of movements – YUL	235,988	<b>97,766</b>	<b>178,727</b>
One-time exemptions – YUL	1,086	<b>146</b>	<b>1,339</b>

\* Complaints that the ANOMS system could not link to a flight – Government flights as well as military and police operations are not accessible for security reasons.



# Soundscape Report 2022

## Complaints – YUL Movements

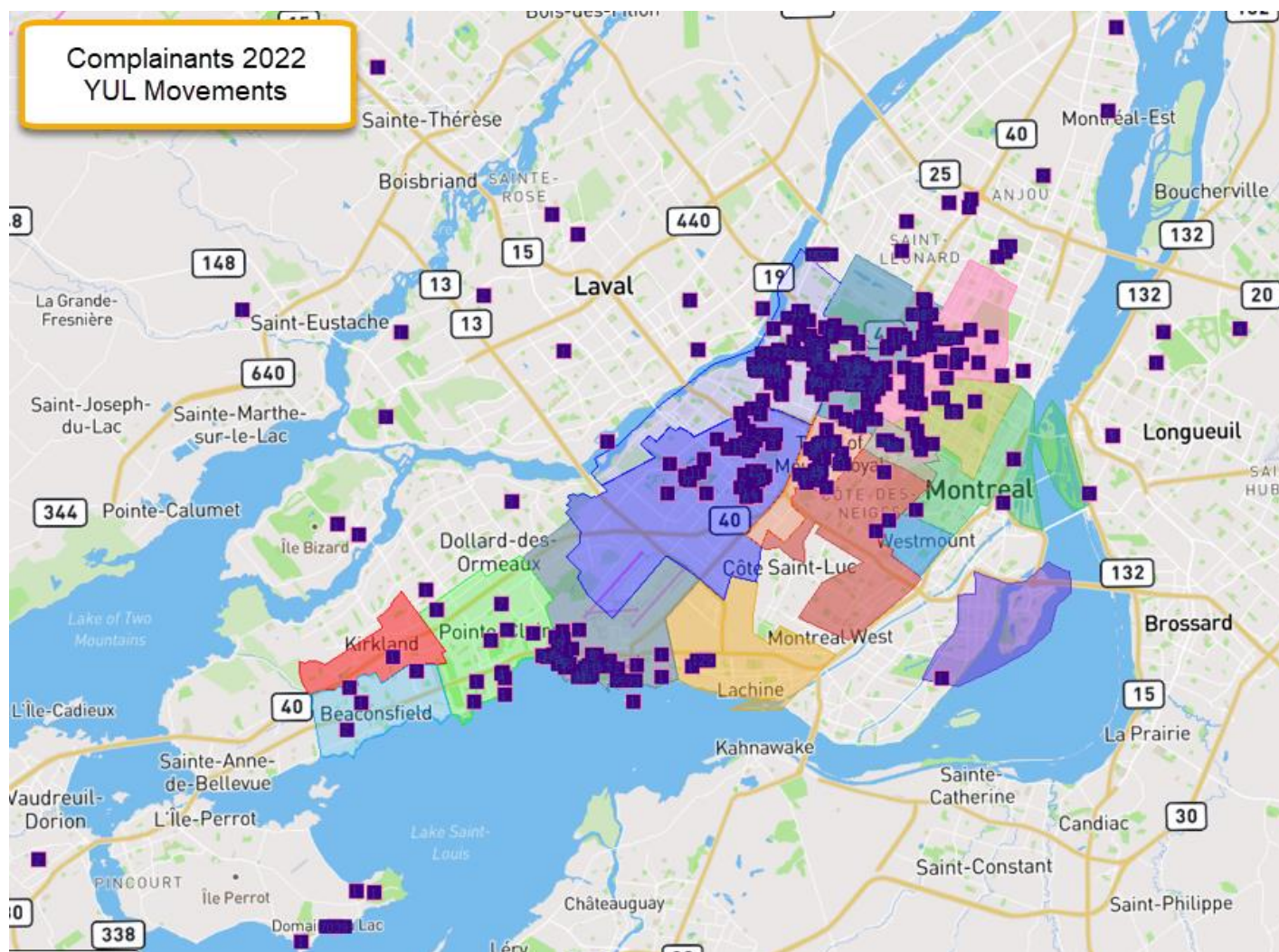


These are the causes of disturbance identified by complainers when submitting their complaints.



# Soundscape Report 2022

## Complaints – YUL Movements

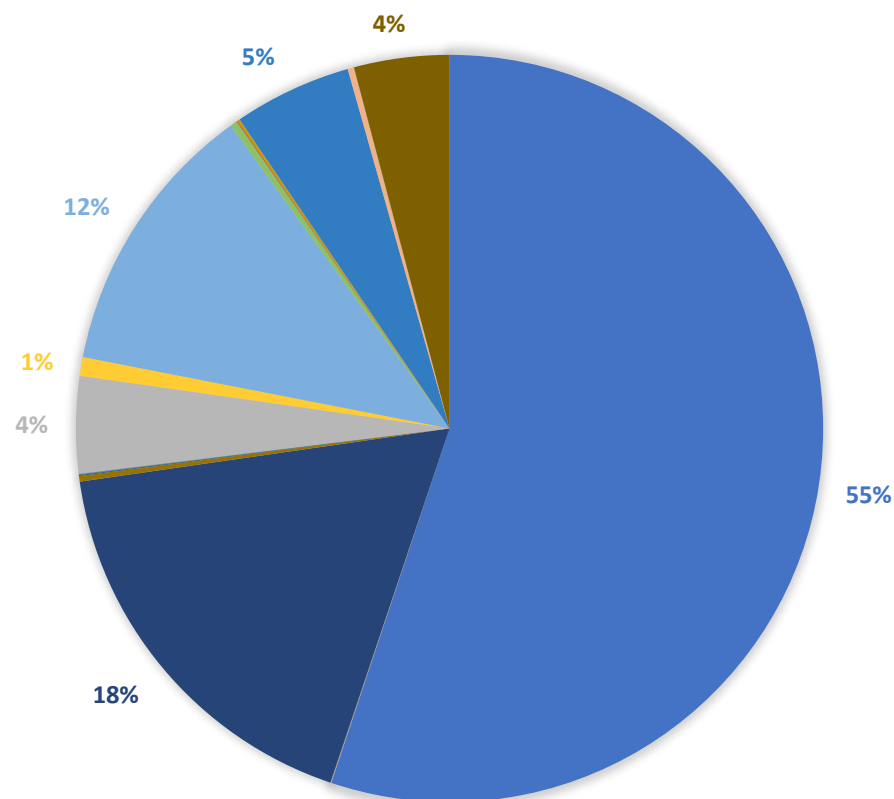


# Soundscape Report 2022

## Complaints – YUL Movements

### Soundscape Advisory Committee Summary – Virtual meeting of March 10, 2023

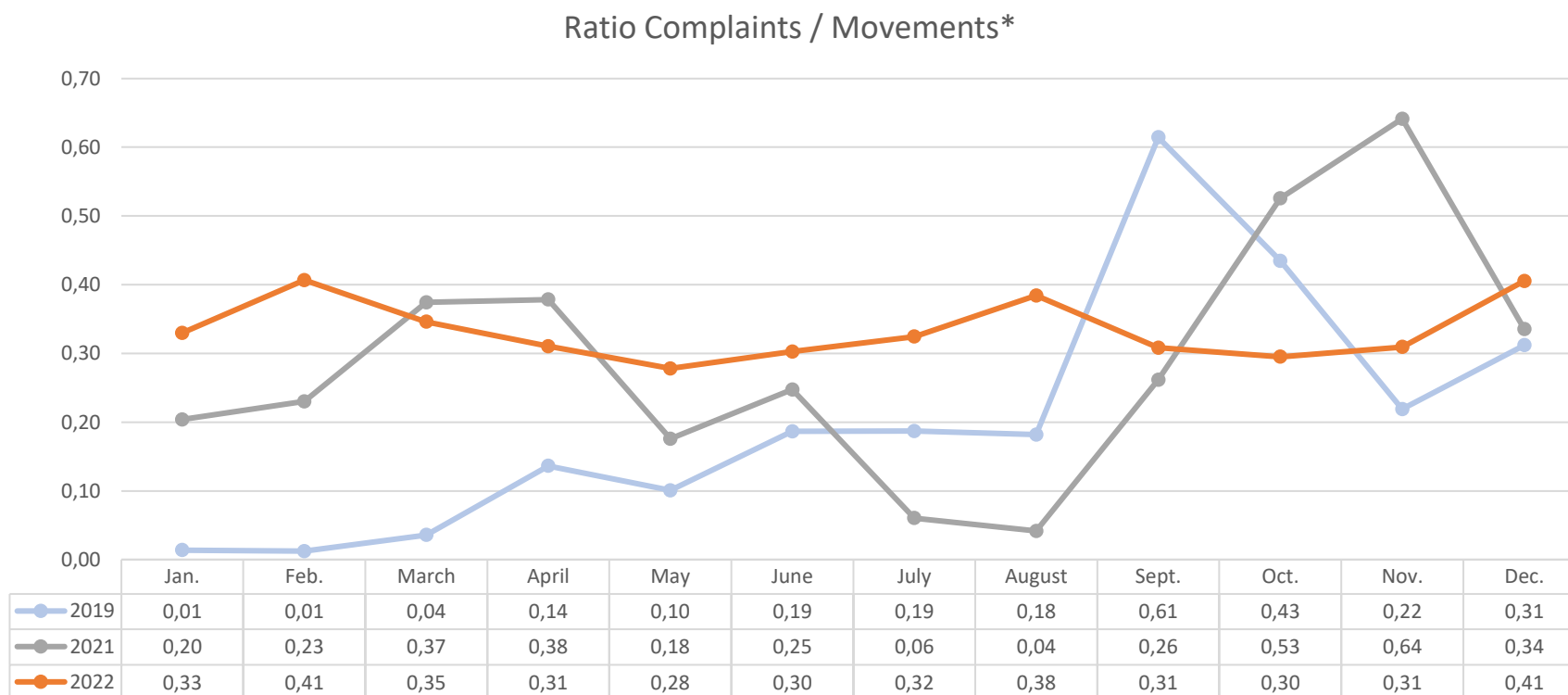
DISTRIBUTION OF COMPLAINTS



- Ahuntsic-Cartierville (32 408)
- Anjou (6)
- Beaconsfield (11)
- Coteau-Du-Lac (1)
- Côte-des-Neiges-NDG (5)
- Dollard-des-Ormeaux (1)
- Dorval (10 323)
- Ile-Bizard-SteGenevieve (2)
- Kirkland (1)
- Lachine (139)
- Laval (25)
- Longueuil (18)
- Merc-Hoch-Maisonnette (18)
- Montréal-Est (6)
- Montréal-Nord (2 455)
- Mont-Royal (476)
- N.-D. de L'Île Perrot (7 042)
- Outremont (178)
- Pierrefonds-Roxboro (5)
- Plateau Mont-Royal (31)
- Pointe-aux-Trembles (1)
- Pointe-Claire (54)
- Rosemont-La-Petite-Patrie (2 999)
- Saint-Eustache (1)
- Saint-Lambert (5)
- Saint-Laurent (148)
- Saint-Léonard (2)
- Ste-Thérèse (1)
- Terrebonne (1)
- Varenes (3)
- Vaudreuil-Dorion (2)
- Verdun (1)
- Ville-Marie (2)
- Villeray-St-Michel-Parc-Extension (2 419)

# Soundscape Report 2022

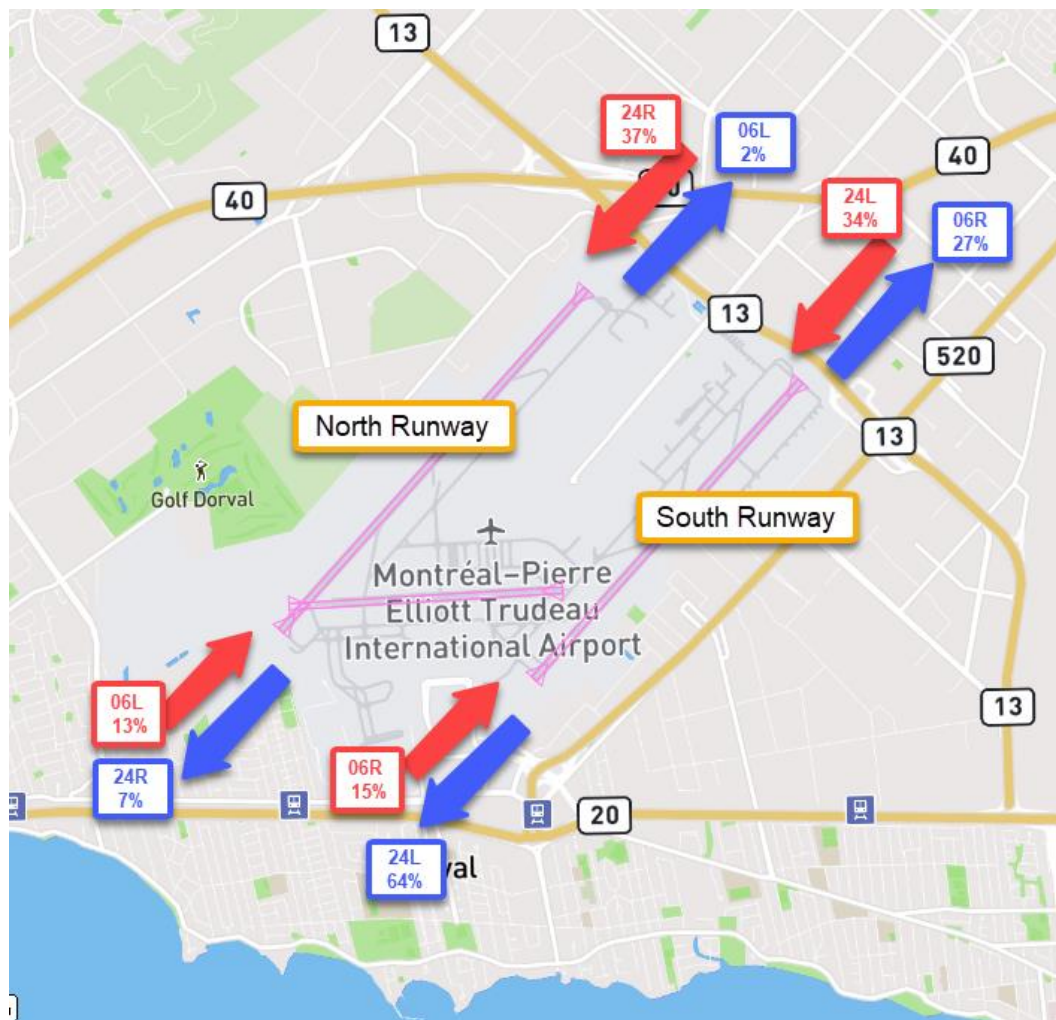
## Ratio complaints / movements YUL



\* ANOMS Movements

# Soundscape Report 2022

## Distribution of air movements



## Distribution of complaints by runway:

	% of total of complaints
<b>Departures southwesterly winds</b>	<b>18%</b>
South runway (24L)	18%
North runway (24R)	0,4%
<b>Departures northeasterly winds</b>	<b>19%</b>
South runway (06R)	18%
North runway (06L)	1%
<b>Arrivals southwesterly winds</b>	<b>52%</b>
South runway (24L)	8%
North runway (24R)	44%
<b>Arrivals northeasterly winds</b>	<b>11%</b>
South runway (06R)	5%
North runway (06L)	6%



# Soundscape Report 2022

## Runway closures - YUL

### **North runway (06L-24R) – Work for the rehabilitation of the runway**

North Dorval, Pointe-Claire, north Saint-Laurent, Ahuntsic-Cartierville

- January to March 14 – operational
- **From March 14 to June 23 – closed** (implementation of alternative take off flight paths)
- From June 23 to October 17 – operational
- **From October 17 to November 11 – closed**
- From November 11 – operational

### **South Runway (06R-24L) – Maintenance work**

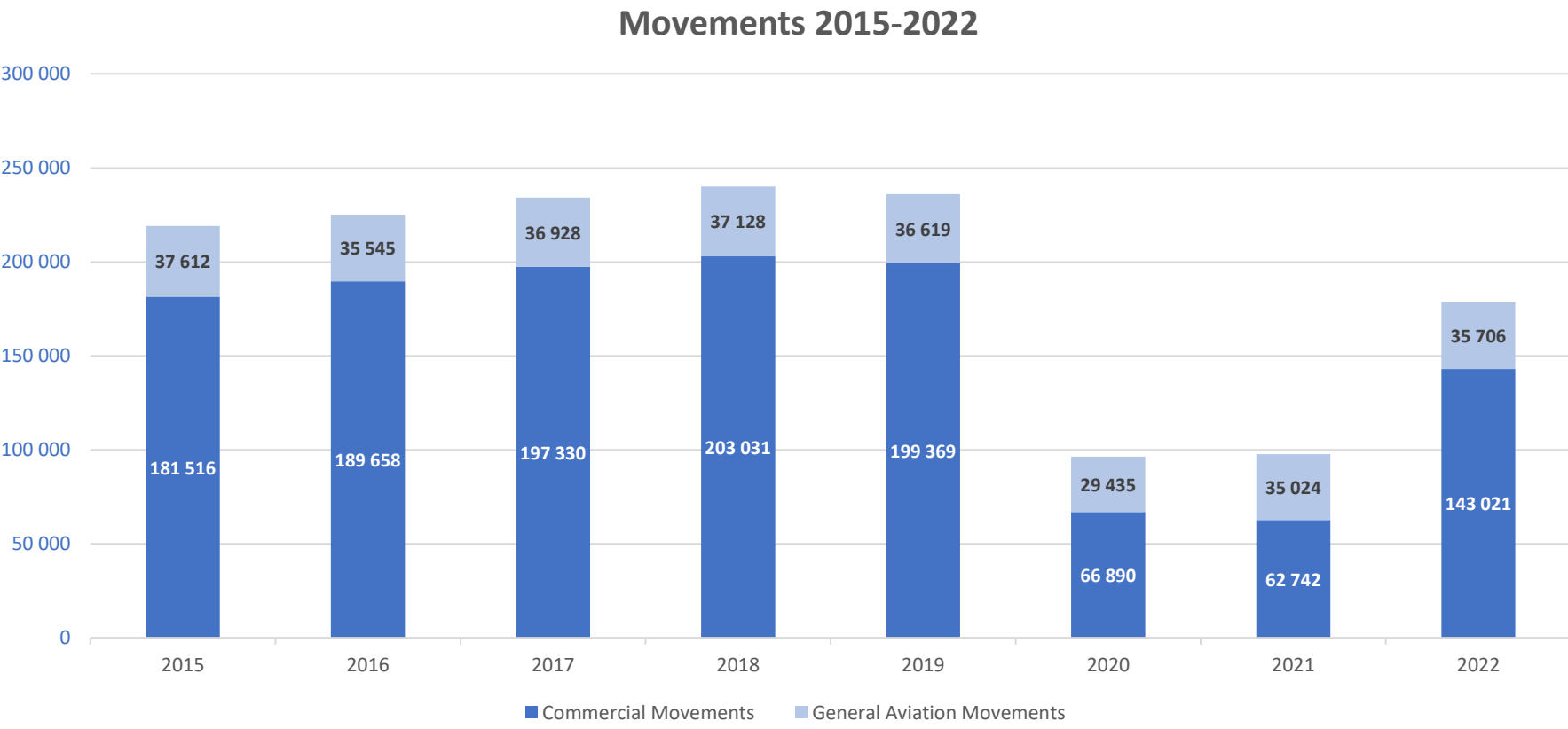
South Dorval, south Saint-Laurent, Town of Mount-Royal, Villeray-St-Michel-Parc-Extension, Rosemont-La-Petite-Patrie

- January to October 3 – operational (only runway from March 14 to June 23)
- **From October 3 to October 14 – closed**
- From October 14 – operational

Short term closures for the 2 runways – this information is available on WebTrak

# Soundscape Report 2022

## YUL Movements

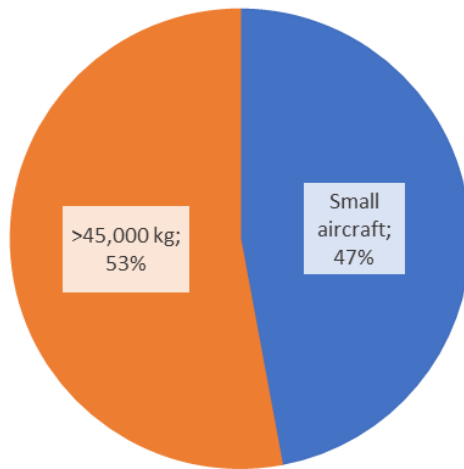


General Aviation: Représente all movements other than commercial at YUL

# Soundscape Report 2022

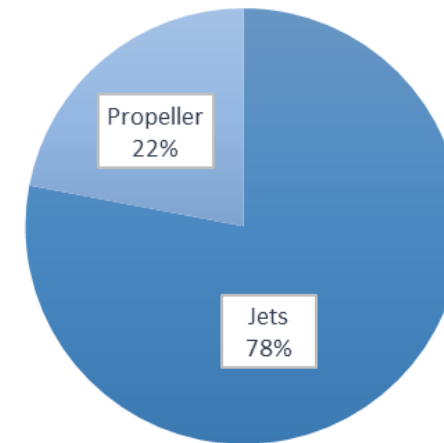
## YUL Movements

DISTRIBUTION OF AIR MOVEMENTS  
YEAR 2022, BY WEIGHT



Aircraft >45,000 kg: large planes (Airbus – Boeing)  
Small aircraft: less than 45,000 kg, small jets and propeller planes (Embraer, Dash-8)

DISTRIBUTION OF AIR MOVEMENTS  
YEAR 2022, BY AIRCRAFT TYPE



Jets – includes large planes (Airbus, Boeing) and small jets (Embraer, CRJ)  
Propeller – all turboprop and propeller aircraft (Dash-8, Beech)

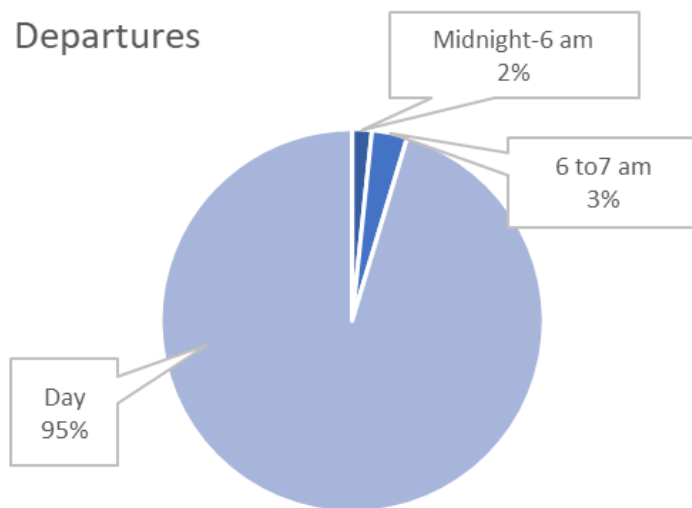


# Soundscape Report 2022

## YUL Movements

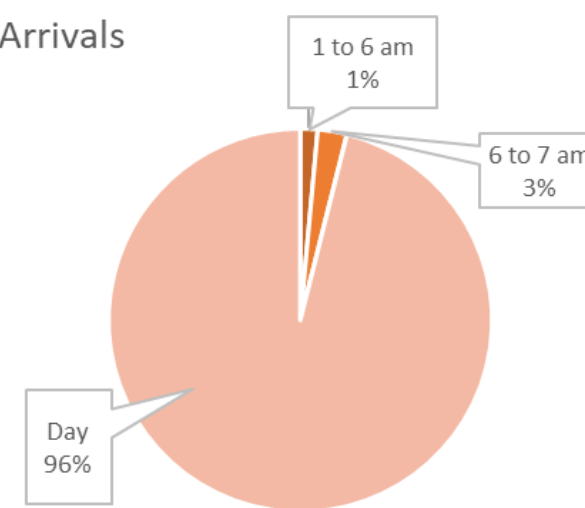
Distribution of movements 2022

### Departures



Distribution of movements 2022

### Arrivals



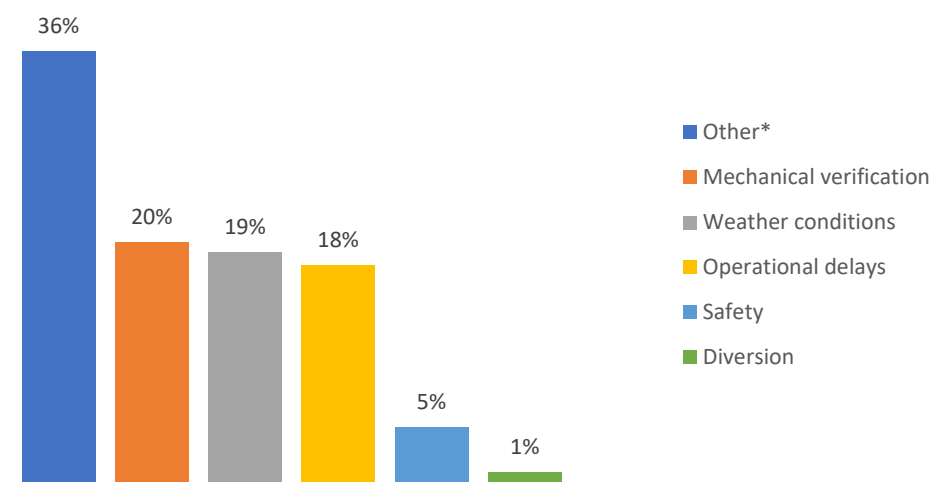
# Soundscape Report 2022

## YUL Movements – Restricted hours

	Exemptions 2019*	Exemptions 2021	Exemptions 2022
Approved (one-time exemptions)	1,103	146	1,339
Refused exemptions	103	27	91
Infraction files sent to Transport Canada for follow-up	54	24	89

\*Year of reference

Reasons - One-Time Exemptions

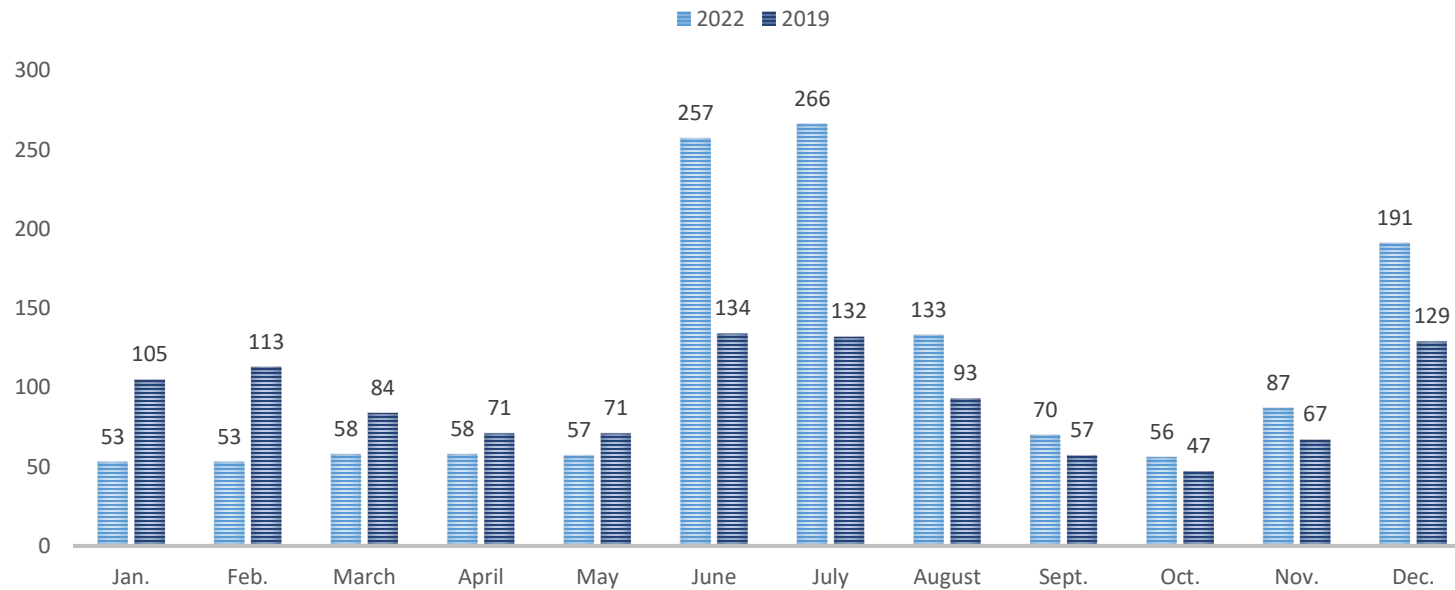


\*Other – includes some exemptions for operational delays

# Soundscape Report 2022

## YUL Movements – Restricted Hours

### ONE-TIME EXEMPTIONS 2022 VS 2019



#### Summer 2022:

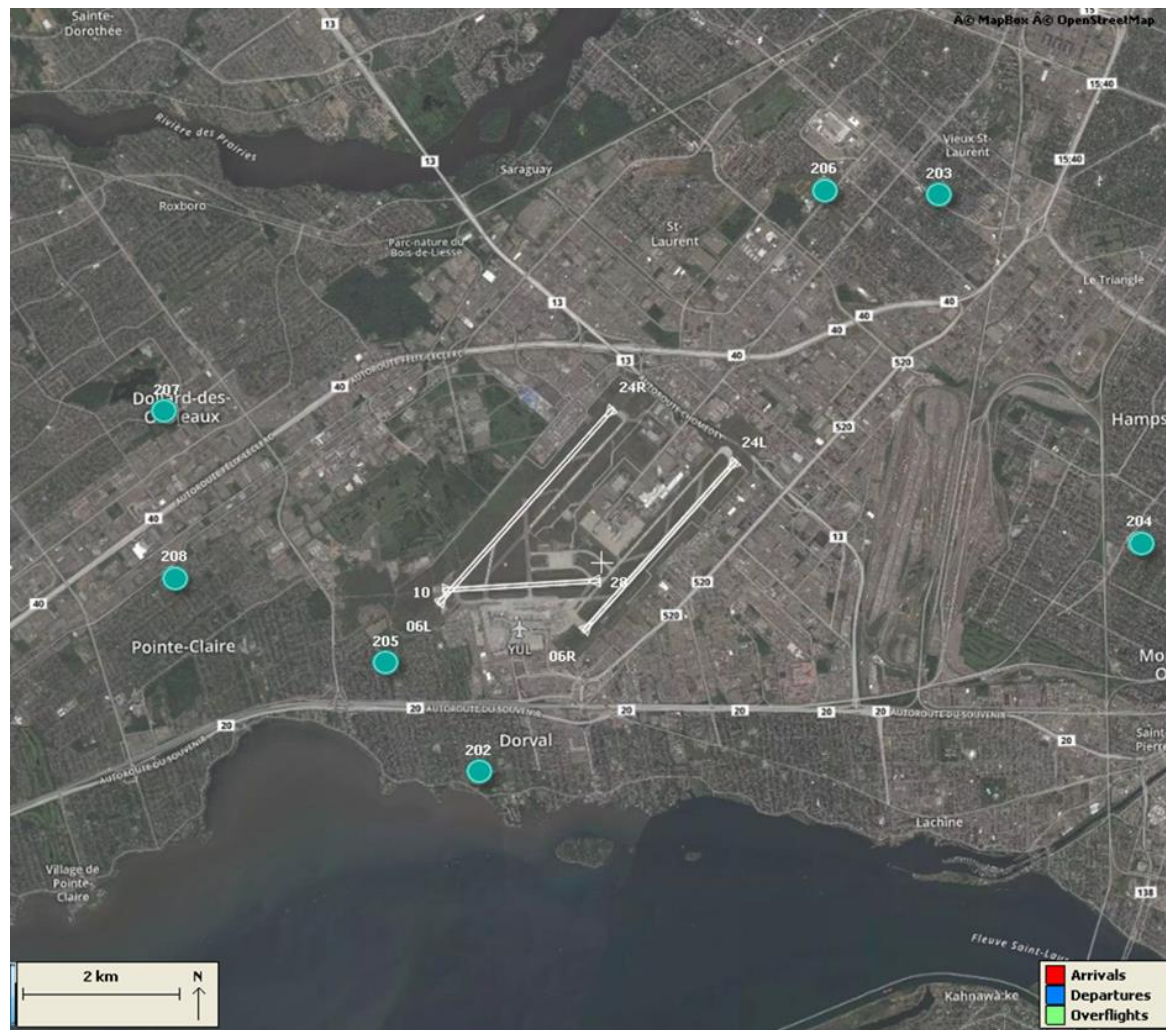
- Staff shortage and resumption of operations generating delays in airport operations
- Night of June 16 to 17, severe thunderstorms halted operations
- June 21 – baggage room shutdown
- July 5 – baggage room computer system failure affecting several airports

#### December 2022:

- Weather conditions during the holidays

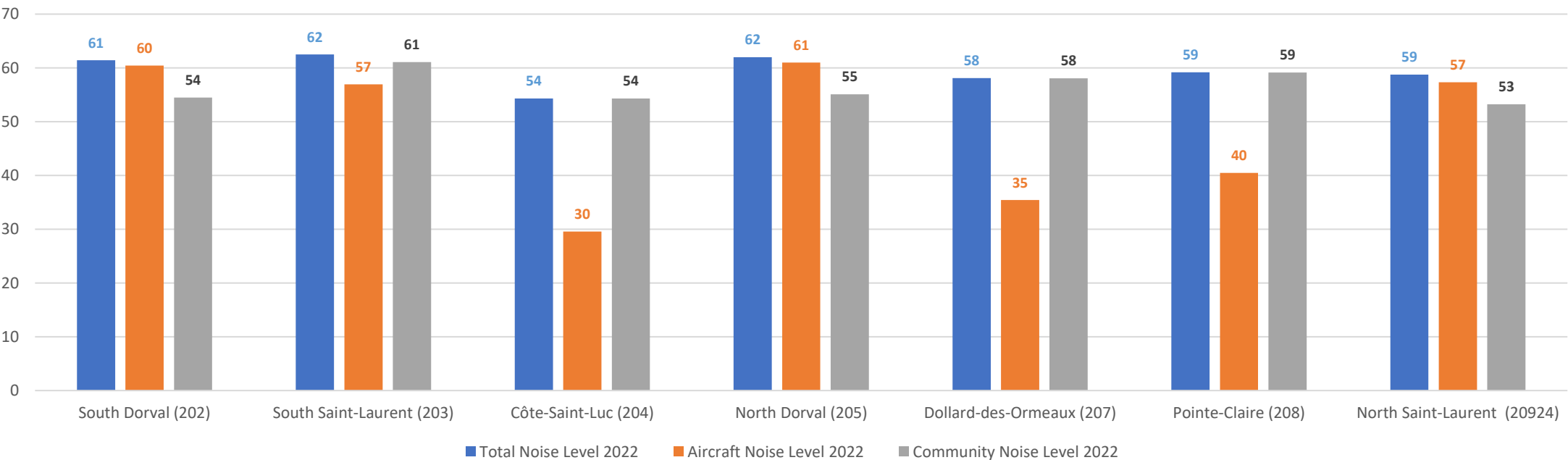
# Soundscape Report 2022

## Noise Monitoring Stations



# Soundscape Report 2022

Annual Average Noise Levels Recorded at the Noise Monitoring Stations in 2022 (dB(A))



# Work 2023

## Rehabilitation of the North Runway

- **From March 13 to June 23 – North runway closed**

Building of new concrete slabs on the central section of the runway which is still in asphalt as well as the associated electrical works. Reconstruction of 2 access roads will also be carried out (excavation of the existing surface, reconstruction of the infrastructure and asphalt surface) as well as the completion of work started in 2022 on another access road.

- Information to citizens on the runway closure:

- Publication in local newspapers (Metro Lachine/Dorval, Saint-Laurent, Rosemont-La-Petite-Patrie, Montréal – Station Mont Royal – Suburban – 24h – Parc-Ex News – Journal St-Michel)
- Newsletter
- Dedicated section of the website

- Next phase of the work from September 11 to November 17, 2023
- Alternative take off flight paths will continue to be used during the work this year

