

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

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

**SOUNDSCAPE REPORT**  
**YEAR 2023**

April 2024

# Soundscape Report 2023

## Highlights

**In 2023: 76,513 complaints filed by 356 people**

**Compared to 2022:**

- The total number of complaints increased by 29% while the number of complainants decreased by 9%.
- The number of complaints linked to an aircraft that operated out of an airport other than YUL or YMX increased by 22%. In 2023, 30% of these complaints were linked to an air movement from St-Hubert airport which represents an increase of 54% compared to 2022.

**YUL : 75,684 complaints filed by 327 people**

- The number of complaints increased by 29% compared to 2022 while the number of complainants decreased by 6%.
- In 2023, 81% of the complaints originated from 5 people.
- In 2023, 20% of air movements were operated with new generation aircraft (A220, A321Neo, B738 Max, Embraer E295). The number of air movements at YUL increased by 12% compared to 2022.
- The areas with the highest number of complainants are Ahuntsic-Cartierville, Saint-Laurent and Villeray-Saint-Michel-Parc-Extension.

# Soundscape Report 2023 – Highlights

## Action Plan

### Operations during restricted hours

Reducing off-hours operations is a priority for ADM and much attention is being paid to reducing operations during restricted hours.

A project to modify criteria for operations during restricted hours was presented to the Soundscape Advisory Committee in December and a public consultation on this project will take place in 2024.

# Soundscape Report 2023 – Highlights

## Airside Works

### Rehabilitation of the North Runway (06L-24R)

- The North Runway rehabilitation project was completed on December 1<sup>st</sup>, 2023. The work was spread out over several years and consisted of carrying out the complete rehabilitation of the runway as well as the reconstruction of its taxiways.

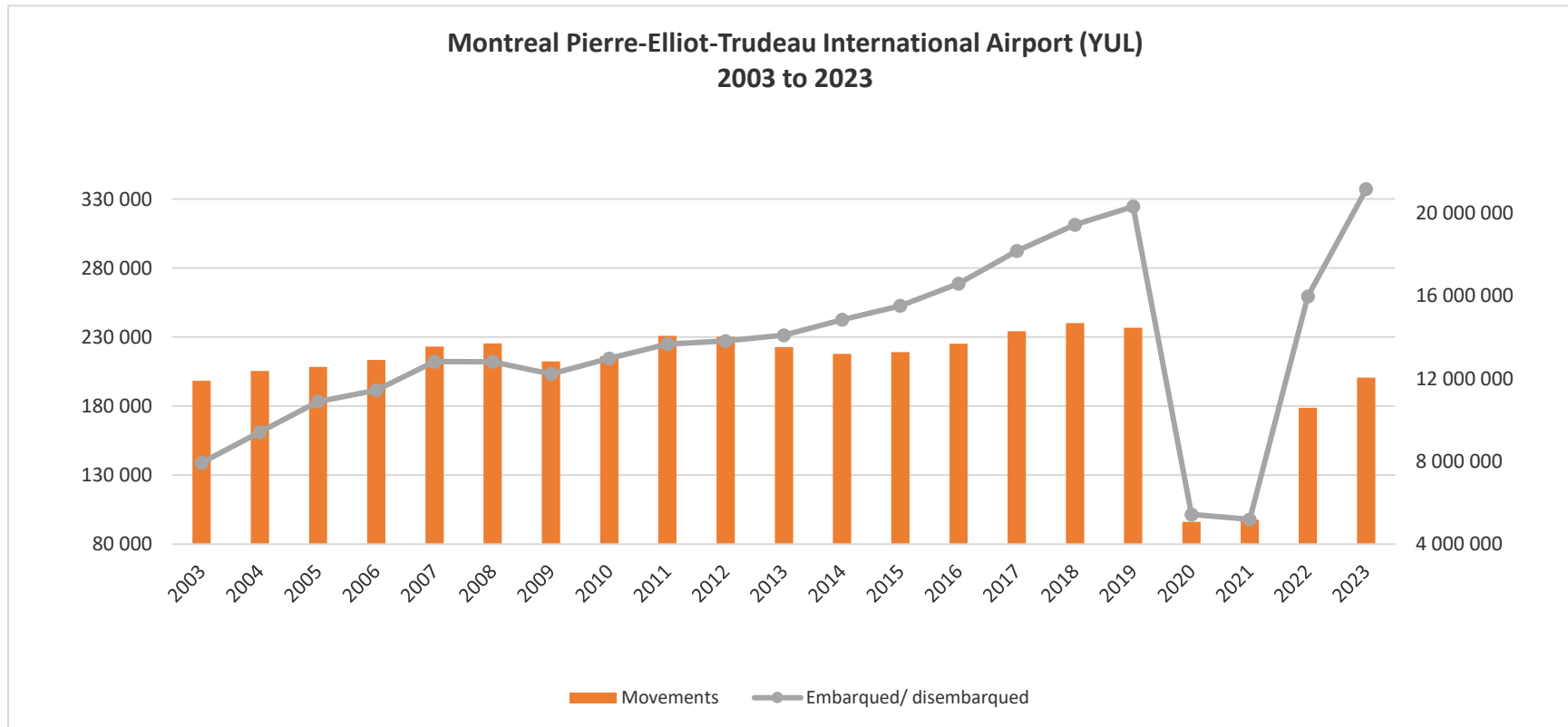
In 2023, work generated the runway's closure from March 13 to June 23 and from October 31 to November 10. Work on taxiways modified runway use in northeasterly winds from September 11 to October 31 and from November 10 to December 1<sup>st</sup>. In addition to newsletters sent out to inform citizens, detailed information is available on ADM's website in a [section on construction work](#).

### Decommissioning of Runway 10-28

- The runway was officially decommissioned on November 30, 2023. The configuration of this runway posed many safety and capacity issues and its vocation was permanently changed to make it a taxiway. ADM held a public consultation on this change (see pages 15-16 for more details on the consultation).

# Soundscape Report 2023

## YUL Movements



**In 2011:**

- 230,922 movements
- 14M passengers

**In 2023:**

- 200,658 movements
- 21M passengers

**2011 vs 2023 :**  
 - 13% movements  
 + 50% passengers

# Soundscape Report 2023

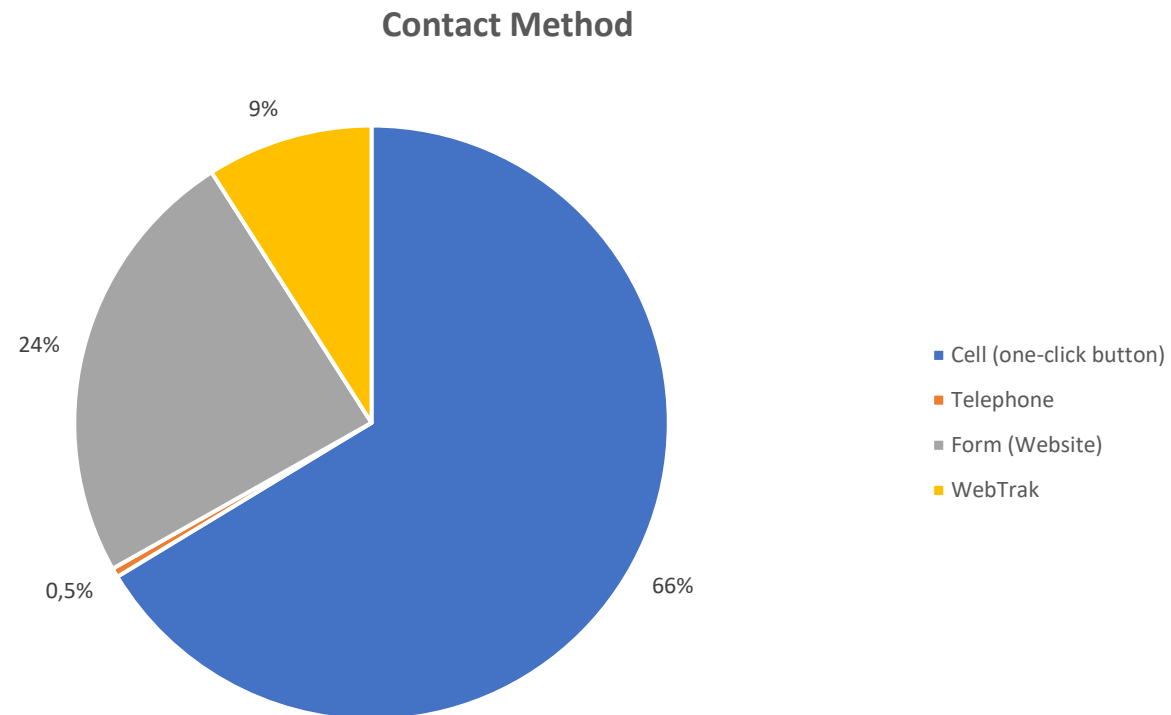
## Overview 2022 vs 2023

	2022	2023	2023 vs 2022
Complaints – Total	59,525	76,513	+ 29%
Complainants – Total	392	356	- 9%
Complaints – YUL	58,790	<b>75,684</b>	+ 29%
Complainants – YUL	348	<b>327</b>	- 6%
Complaints – YMX	50	48	- 4%
Complainants – YMX	17	15	- 12%
Complaints – Other airports	498	607	+ 22%
Complaints not linked to a flight*	187	39	- 79%
Number of movements YUL	178,727	<b>200,658</b>	+ 12%
One-Time Exemptions – YUL	1,339	<b>1,415</b>	+ 6%

\* Complaints that the ANOMS system could not link to a flight – for security reasons, some government flights as well as military or police operations are not accessible in this system.

# Soundscape Report 2023

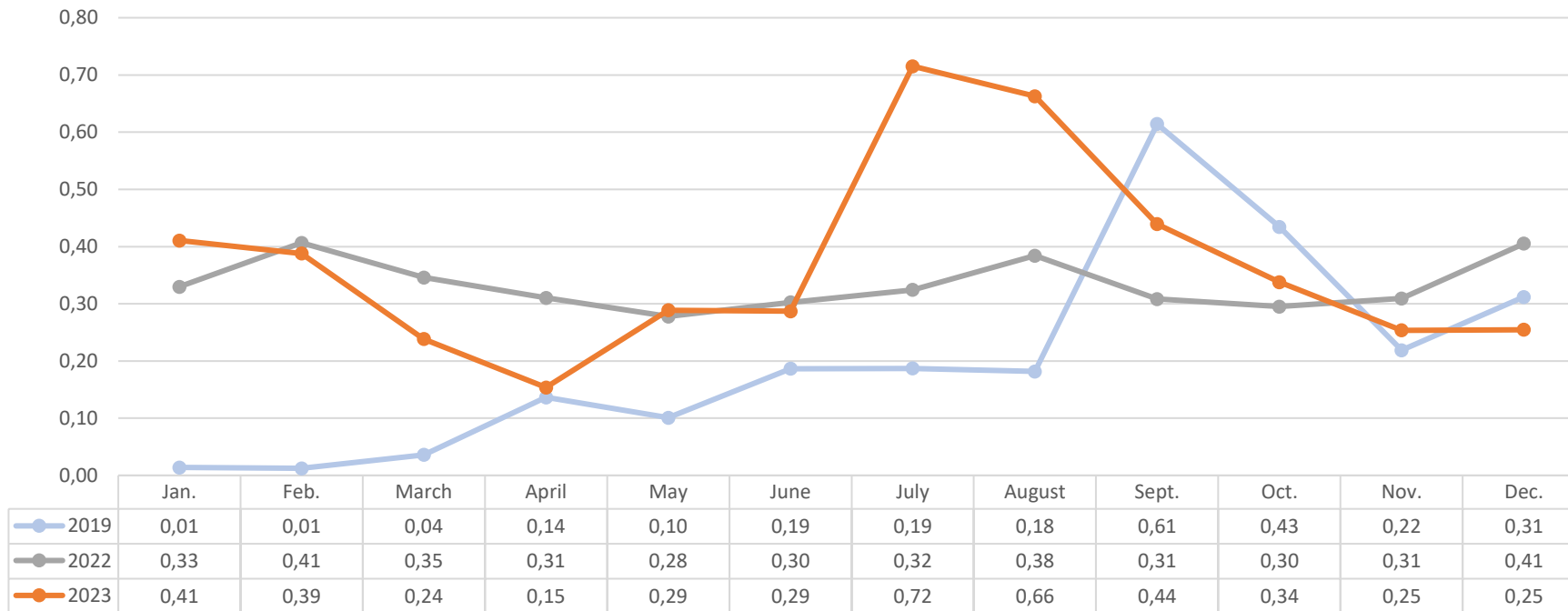
## Contact Method



# Soundscape Report 2023

## Ratio Complaints / Movements YUL

Ratio Complaints / Movements \*



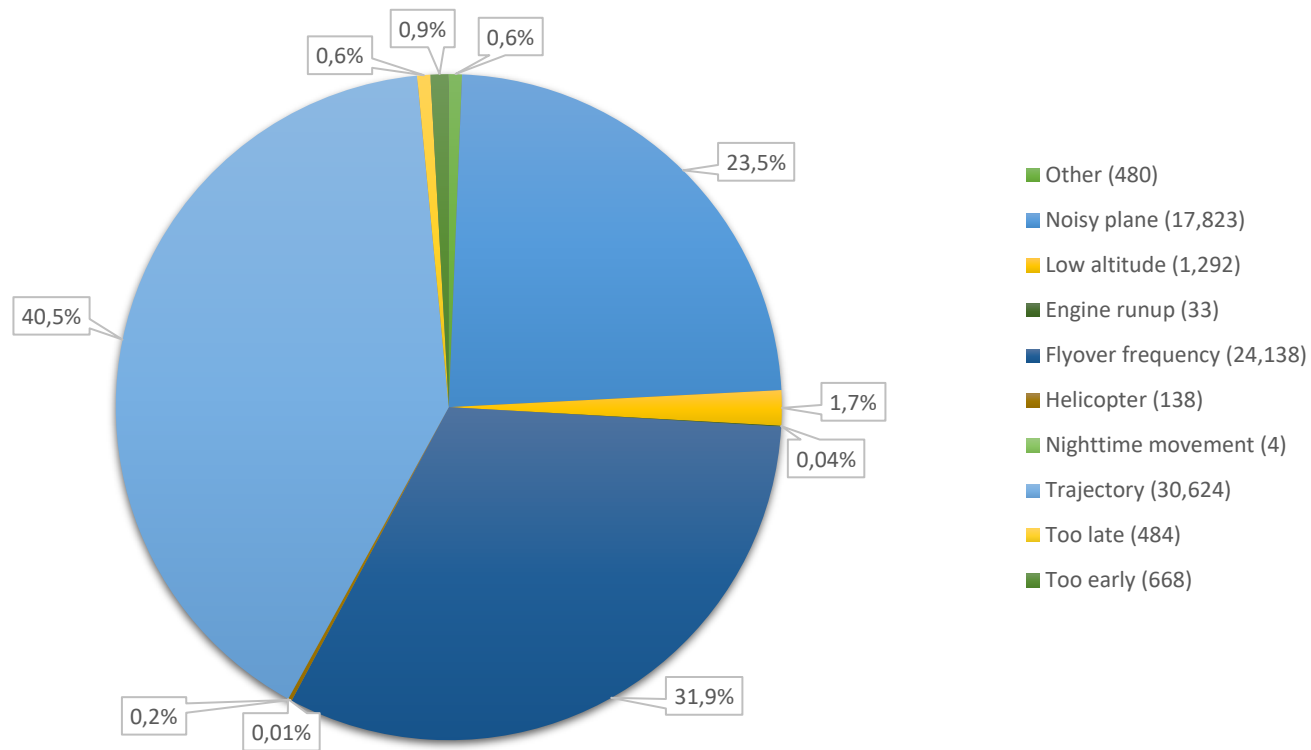
\* ANOMS movements



# Soundscape Report 2023

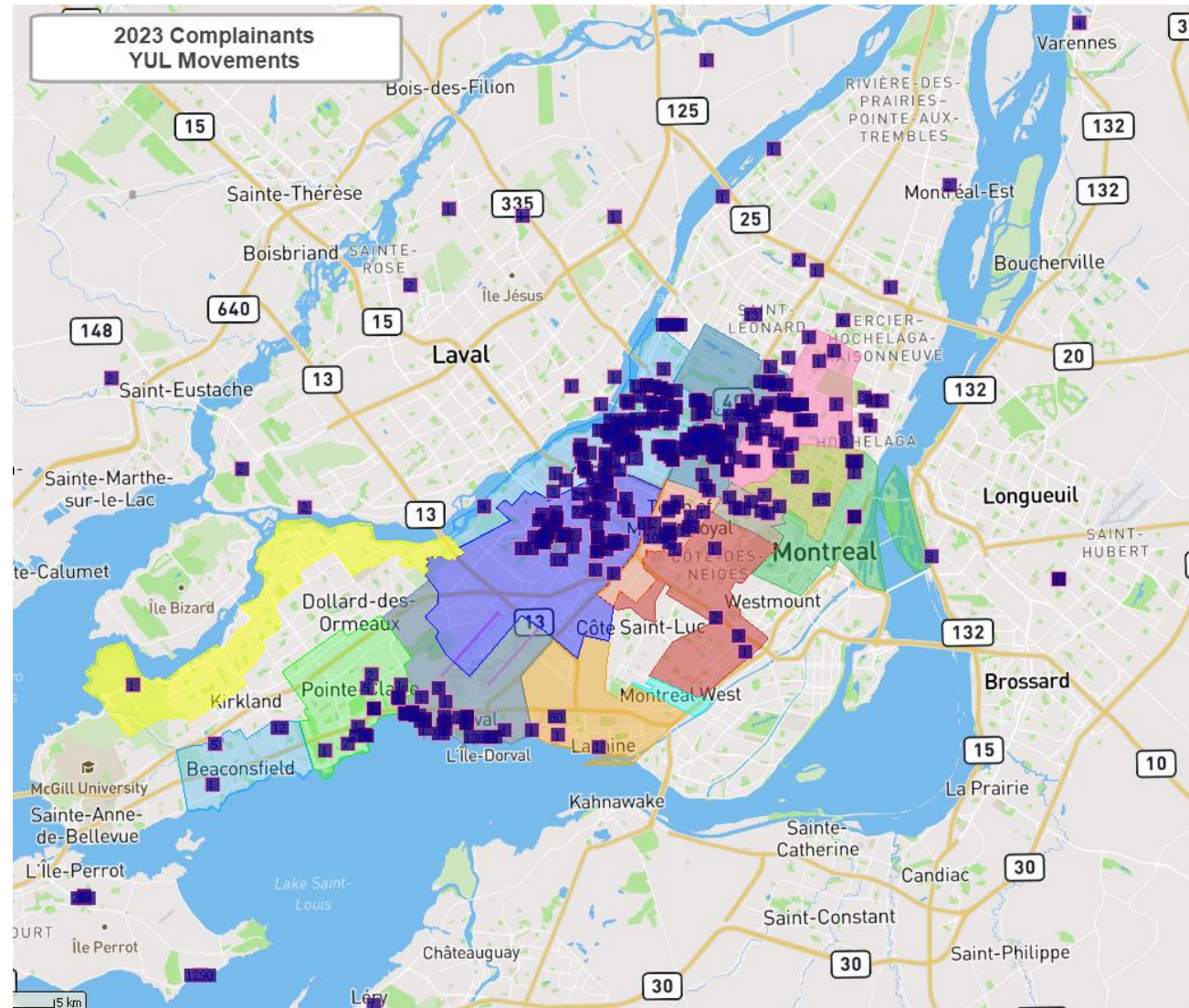
## Complaints – YUL Movements

### Cause of disturbance identified by complainants



# Soundscape Report 2023

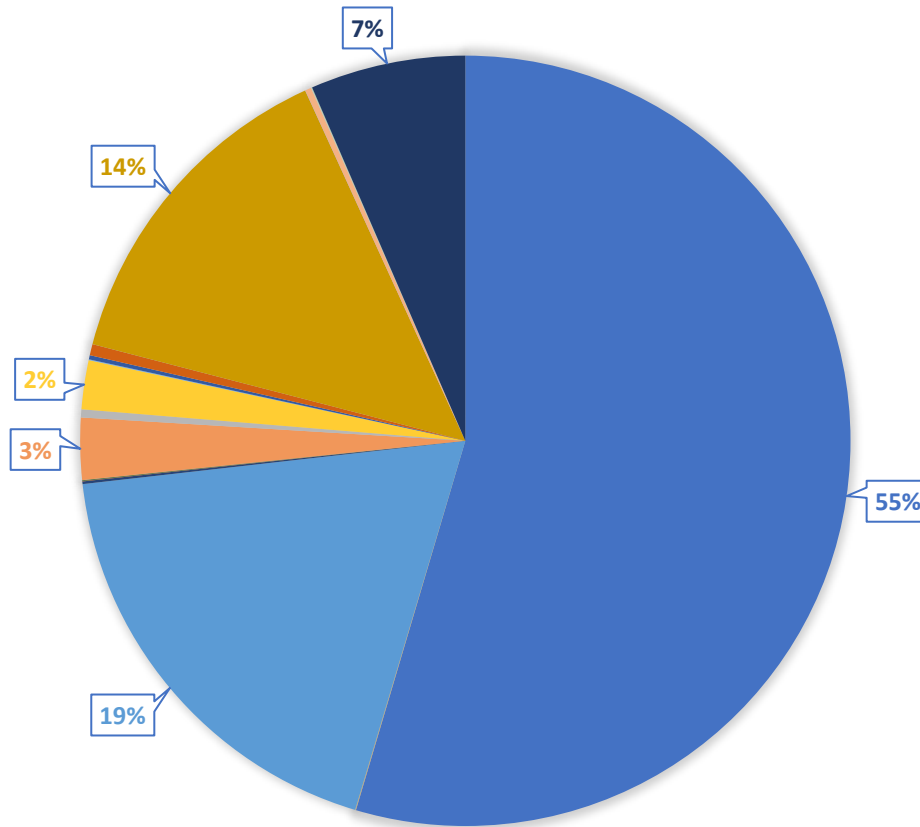
## Complaints – YUL Movements



# Soundscape Report 2023

## Complaints – YUL Movements

DISTRIBUTION OF COMPLAINTS 2023

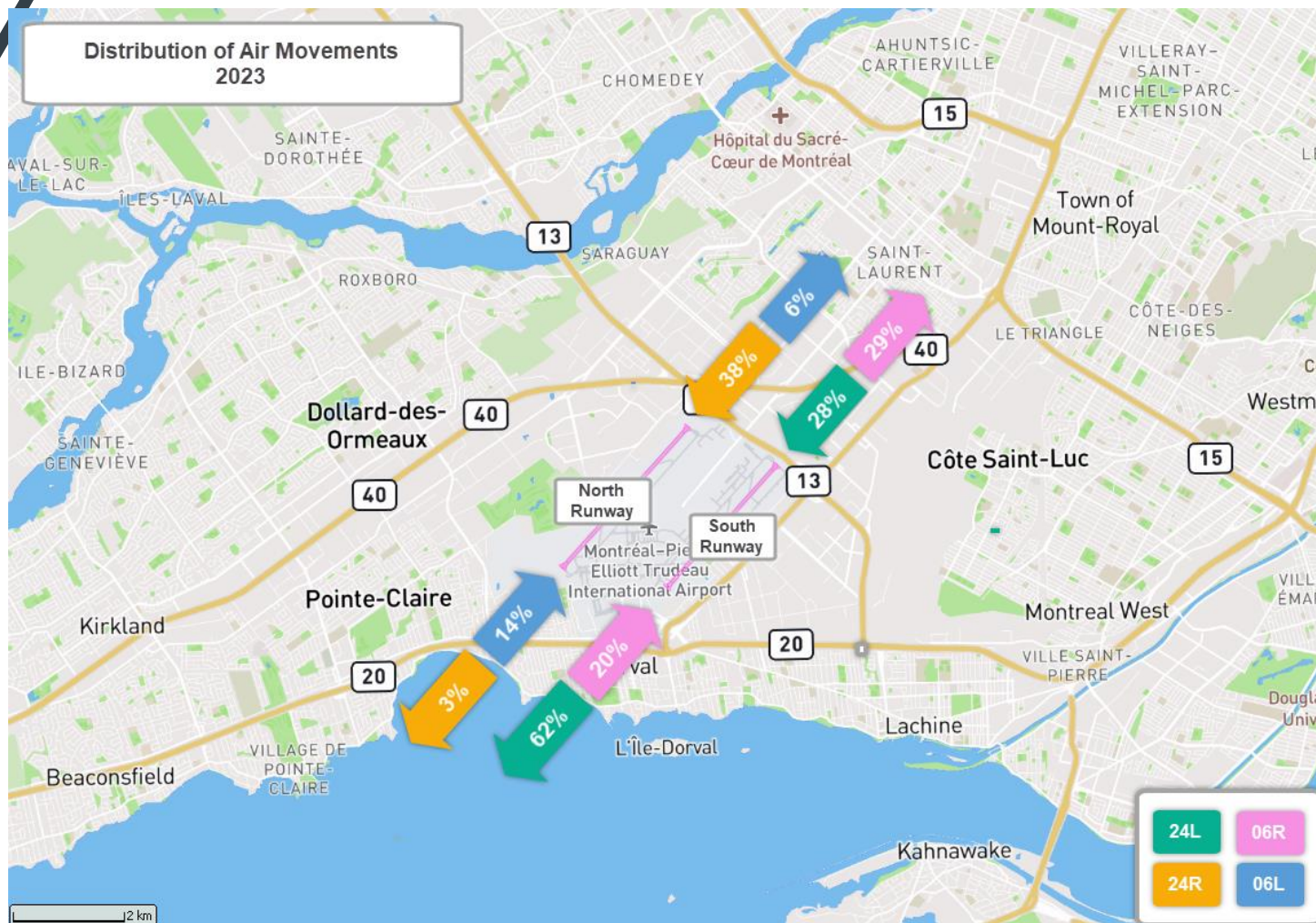


- Ahuntsic-Cartierville (41 310)
- Anjou (3)
- Beaconsfield (18)
- Côte-des-Neiges-NDG (7)
- Dorval (14 067)
- Greenfield Park (1)
- Lachine (83)
- Laval (13)
- Léry (1)
- Les Cèdres (1)
- Longueuil (1)
- Mercier-Hochelaga-Maisonneuve (23)
- Montréal-Est (2)
- Montréal-Nord (1 966)
- Mont-Royal (255)
- N.-D. de L'Île Perrot (1 555)
- Outremont (25)
- Pierrefonds-Roxboro (1)
- Plateau Mont-Royal (132)
- Pointe-Claire (354)
- Rivière-des-Prairies-Pte-aux-Trembles (2)
- Rosemont-La-Petite-Patrie (10 695)
- Saint Bruno (1)
- Saint-Eustache (2)
- Saint-Lambert (3)
- Saint-Laurent (199)
- Saint-Léonard (14)
- Salaberry-De-Valleyfield (1)
- Varennes (4)
- Ville-Marie (17)
- Villieray-St-Michel-Parc-Extension (4 928)



# Soundscape Report 2023

## Distribution of Air Movements



RUNWAY	ARRIVALS	%	DEPARTURES	%
06L	13,801	14%	6,025	6%
06R	19,852	20%	28,666	29%
24L	28,111	28%	62,115	62%
24R	37,545	38%	2,996	3%

# Soundscape Report 2023

## Distribution of Air Movements

### Distribution of complaints by runway:

Departures	Movements (% of total departures)	% of total complaints
<b>Southwesterly winds</b>	<b>65%</b>	<b>19%</b>
South Runway (24L)	62%	19%
North Runway (24R)	3%	0.4%
<b>Northeasterly winds</b>	<b>35%</b>	<b>22%</b>
South Runway (06R)	29%	16%
North Runway (06L)	6%	6%

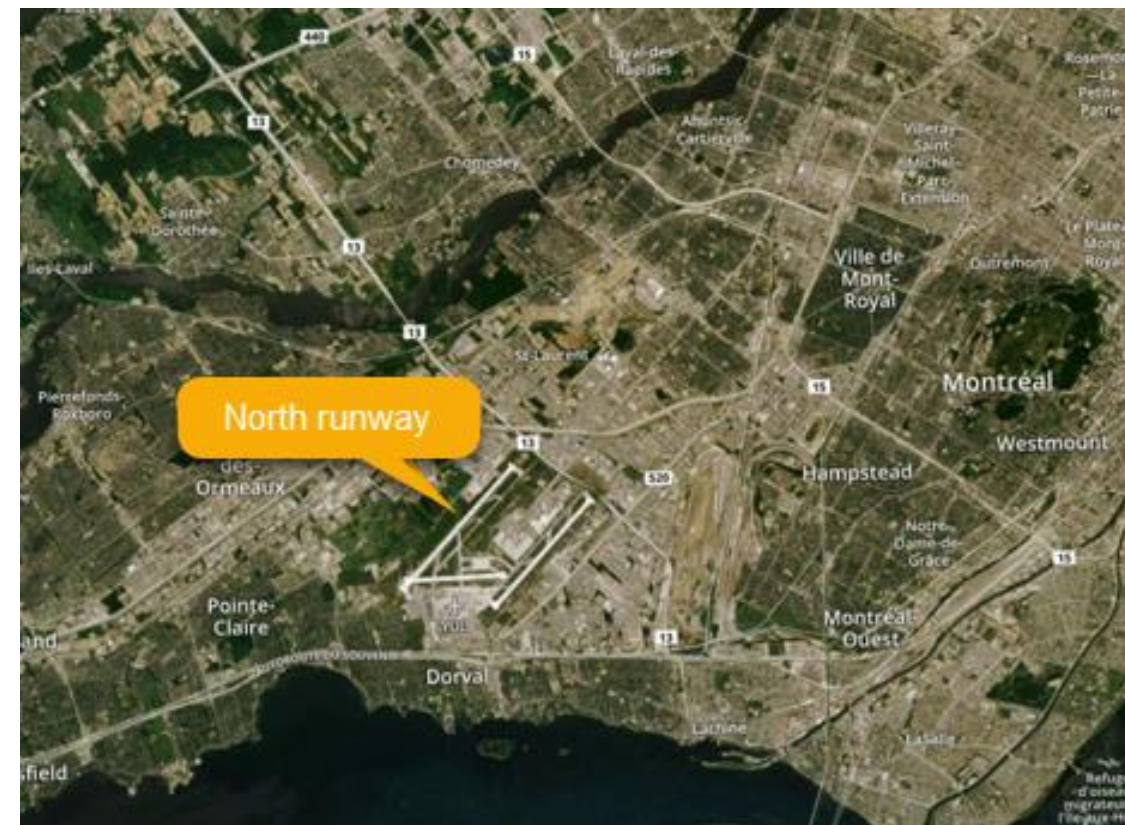
Arrivals	Movements (% of total arrivals)	% of total complaints
<b>Southwesterly winds</b>	<b>66%</b>	<b>57%</b>
South Runway (24L)	28%	12%
North Runway (24R)	38%	45%
<b>Northeasterly winds</b>	<b>34%</b>	<b>2%</b>
South Runway (06R)	20%	2%
North Runway (06L)	14%	0.5%

# Soundscape Report 2023

## Runway Closures - YUL

### North Runway (06L-24R) – North Dorval, Pointe-Claire, north Saint-Laurent, Ahuntsic-Cartierville

- January to March 13 – operational
- **From March 13 to June 23 – Closed**
  - Use of alternative takeoff flight paths
- From September 11 to October 31 – Work on Taxiway B – runway operational but change in runway use in northeasterly winds (takeoffs North Runway / landings South Runway)
- **From October 31 to November 10 – Closed**
- From November 10 to December 1 – Completion of the work on Taxiway B (same impacts as in September/October)
- Short-term closures (this information is displayed on WebTrak)



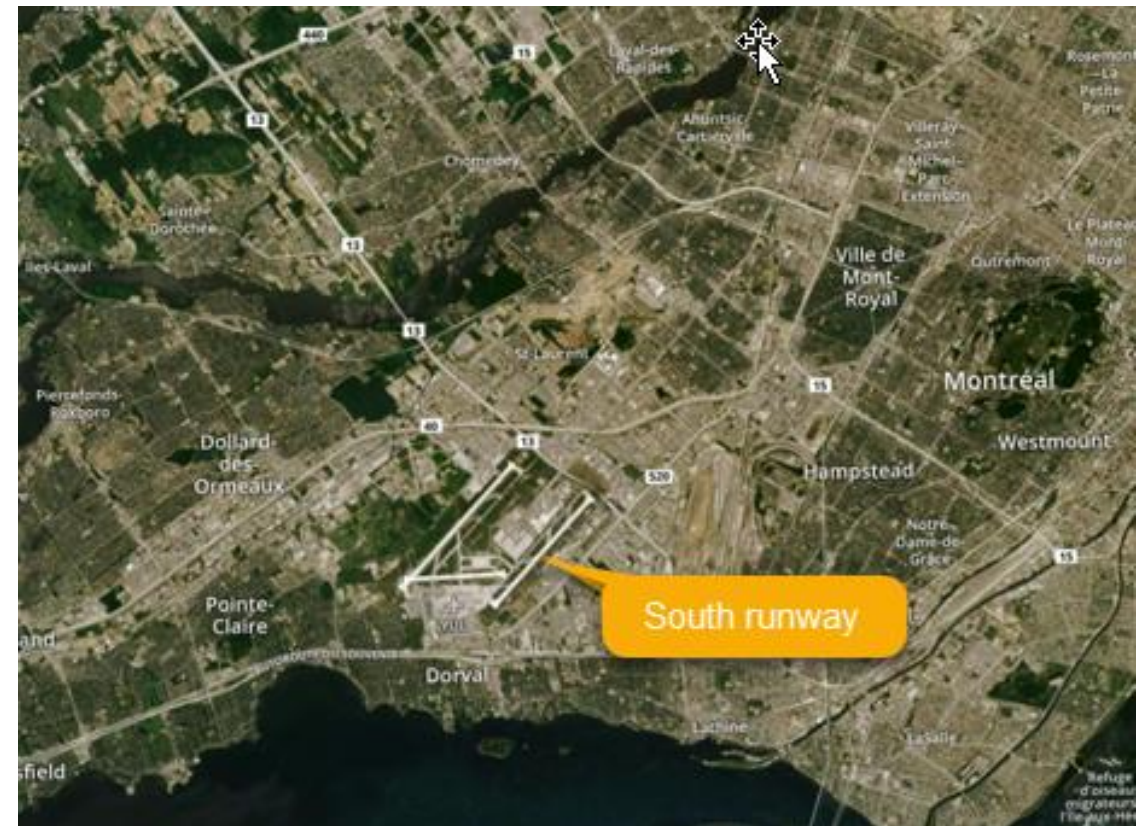


# Soundscape Report 2023

## Runway Closures - YUL

**South Runway (06R-24L)** – South Dorval, south Saint-Laurent, TMR, Villeray-St-Michel-Parc-Extension, Rosemont-La-Petite-Patrie

- January to March 3 – operational
- Between March 3 and 8 – Daily closures
- Starting March 8 – operational (single runway from March 13 to June 23 and October 31 to November 10)
- Several short-term closures for maintenance work (this information is displayed on WebTrak)



# Soundscape Report 2023

## Consultation – Decommissioning of Runway 10-28

Consultation	Information to citizens	Participation
<ul style="list-style-type: none"><li>• From May 25 to July 3</li><li>• Citizens of Dorval and Pointe-Claire</li><li>• Online consultation to inform and collect suggestions and comments</li></ul>	<ul style="list-style-type: none"><li>• 22,000 flyers distributed by mail</li><li>• <a href="#">Website page</a> with a short video and a link to the consultation that contains an FAQ and a section to submit comments</li></ul>	<ul style="list-style-type: none"><li>• 167 people consulted the consultation site and 41 filed comments</li><li>• 46% of the comments supported the decommissioning of the runway and 29% were neutral</li></ul>



# Soundscape Report 2023

## Consultation – Decommissioning of Runway 10-28

# 10-28

### Permanent Modification of Runway 10-28 to a Taxiway

Online Public Consultation  
From May 25 to July 3, 2023

**ADM Aéroports de Montréal** is the airport authority for the Greater Montreal area responsible for the management, operation, and development of YUL Montreal-Trudeau International Airport.

ADM is carrying out this consultation to inform you and to collect your suggestions and/or comments. The first section is an information section in FAQ format followed by a second section that will allow you to share your comments with us.

**To participate:**  
<https://www.admt.com/en/consultation10-28>



In order to maintain its installations to reliability and safety standards and to ensure the fluidity of operations, ADM is planning to change the vocation of Runway 10-28 to make it a taxiway. The runway will therefore be permanently decommissioned and used only as a taxiway.

Taxiways connect the runways to the main apron which provides access to boarding gates, the de-icing centre and aircraft parking lots.

The configuration of Runway 10-28 poses many safety and capacity issues. It is shorter than the other two runways and has no parallel taxiway. In addition, the runway's orientation is not optimal according to the prevailing winds in the metropolitan area and its length prevents its use for take off and landings of larger aircraft.

Given the issues arising from the configuration of Runway 10-28, its use has decreased over the years. Since 2013, the runway has been closed several months a year and it has not been used after the end of May 2018.

Because this runway has not been used for several years, there will be no change for areas around the airport.

**For additional information:**  
<https://www.admt.com/en/consultation10-28>

**To contact us**  
**EMAIL:**  
[consultation\\_publique@admt.com](mailto:consultation_publique@admt.com)

**PHONE:**  
514 633-3351

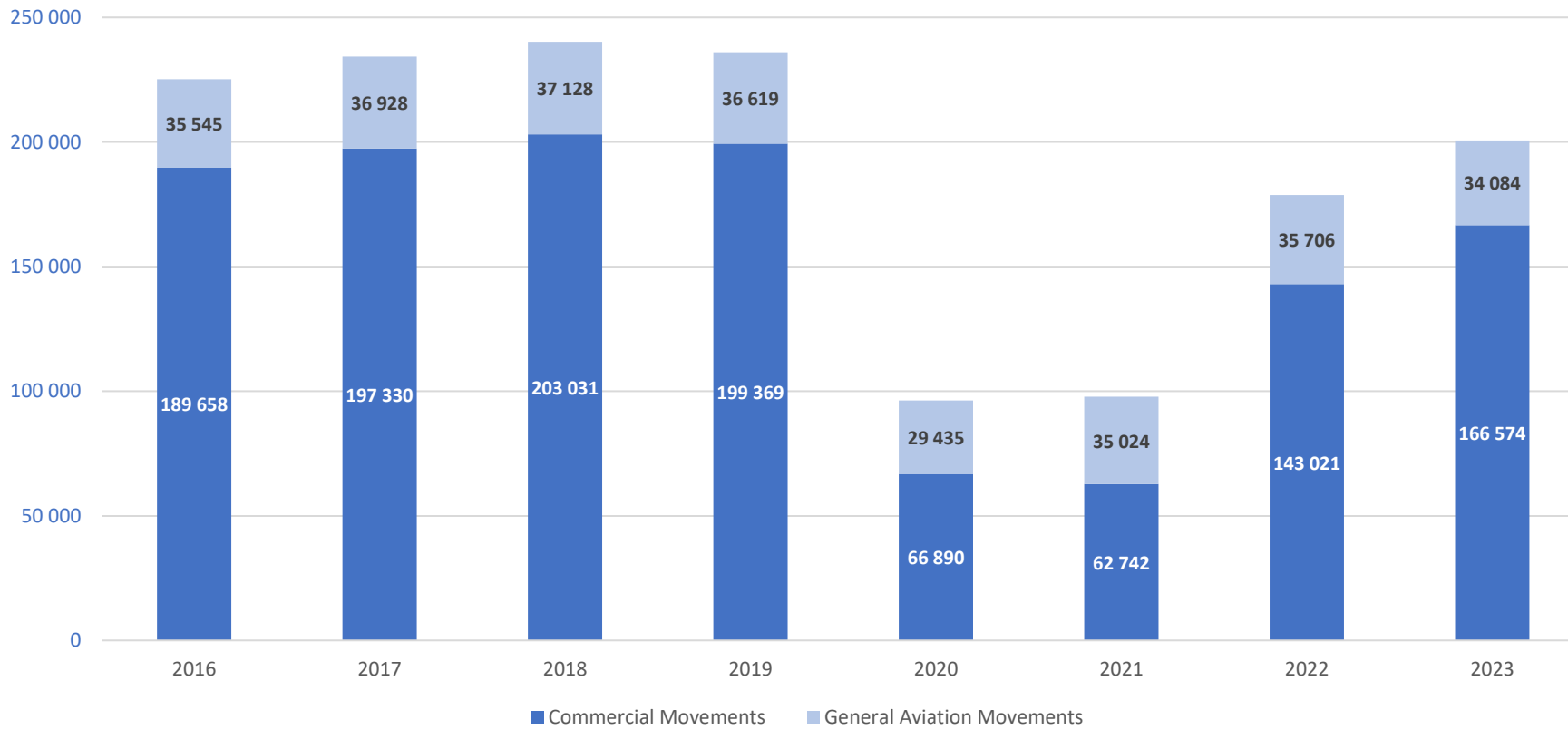
**ADDRESS:**  
800, place Leigh-Capreol, Suite 1000  
Dorval, QC H4Y 0A5



# Soundscape Report 2023

## YUL Movements

Movements - Commercial / General Aviation  
2016-2023

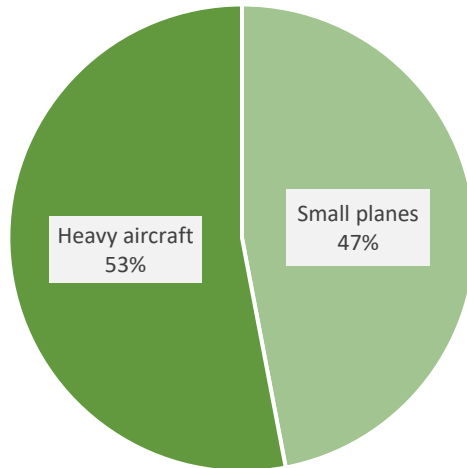


General Aviation: All movements other than commercial at YUL

# Soundscape Report 2023

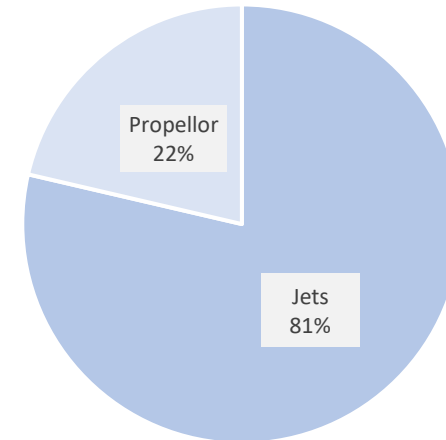
## Movements YUL

DISTRIBUTION OF AIR MOVEMENTS  
YEAR 2023, BY WEIGHT



Heavy aircraft (>45,000 kg): Airbus – Boeing  
Small planes (<45,000 kg): small jets and propellor planes (Embraer, Dash-8)

DISTRIBUTION OF AIR MOVEMENTS  
YEAR 2023, BY AIRCRAFT TYPE

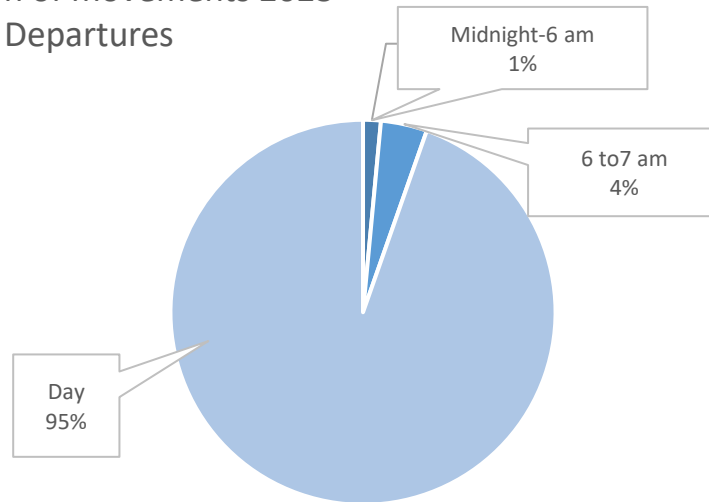


Jets – includes heavy aircraft (Airbus, Boeing) and small jets (Embraer, CRJ)  
Propellor – all turboprops and propellor planes (Dash-8, Beech)

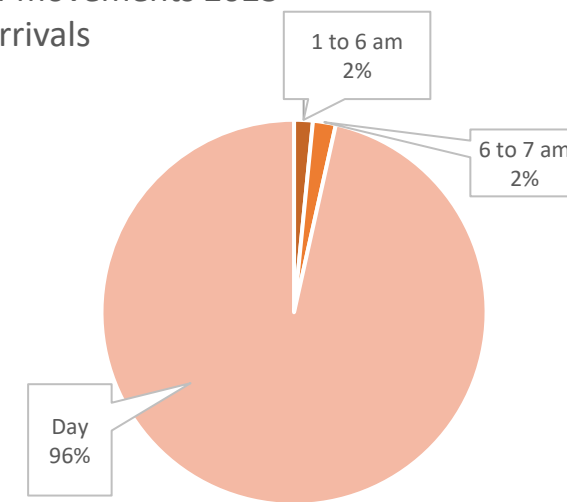
# Soundscape Report 2023

## YUL Movements

Distribution of movements 2023  
Departures



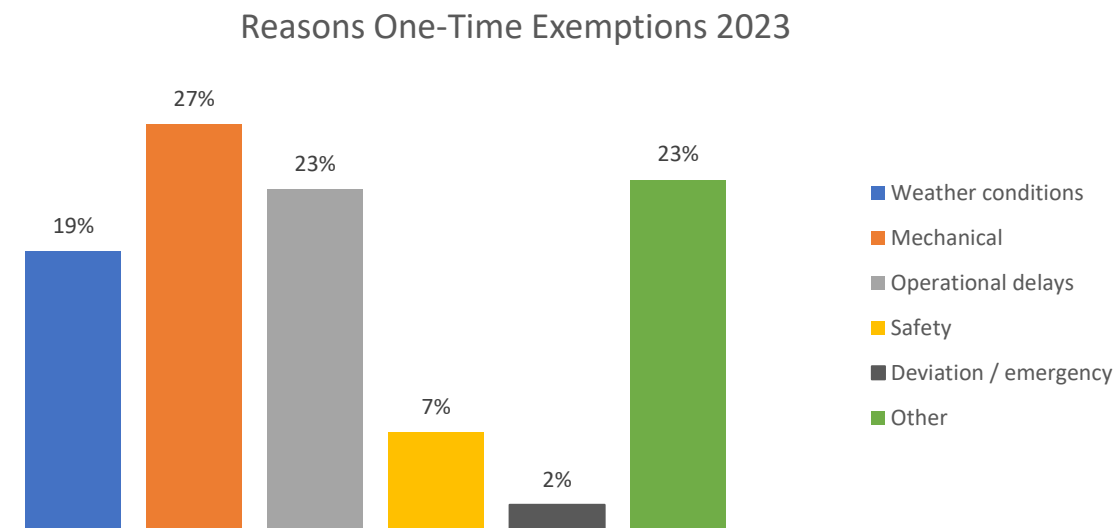
Distribution of movements 2023  
Arrivals



# Soundscape Report 2023

## YUL Movements – Restricted Hours

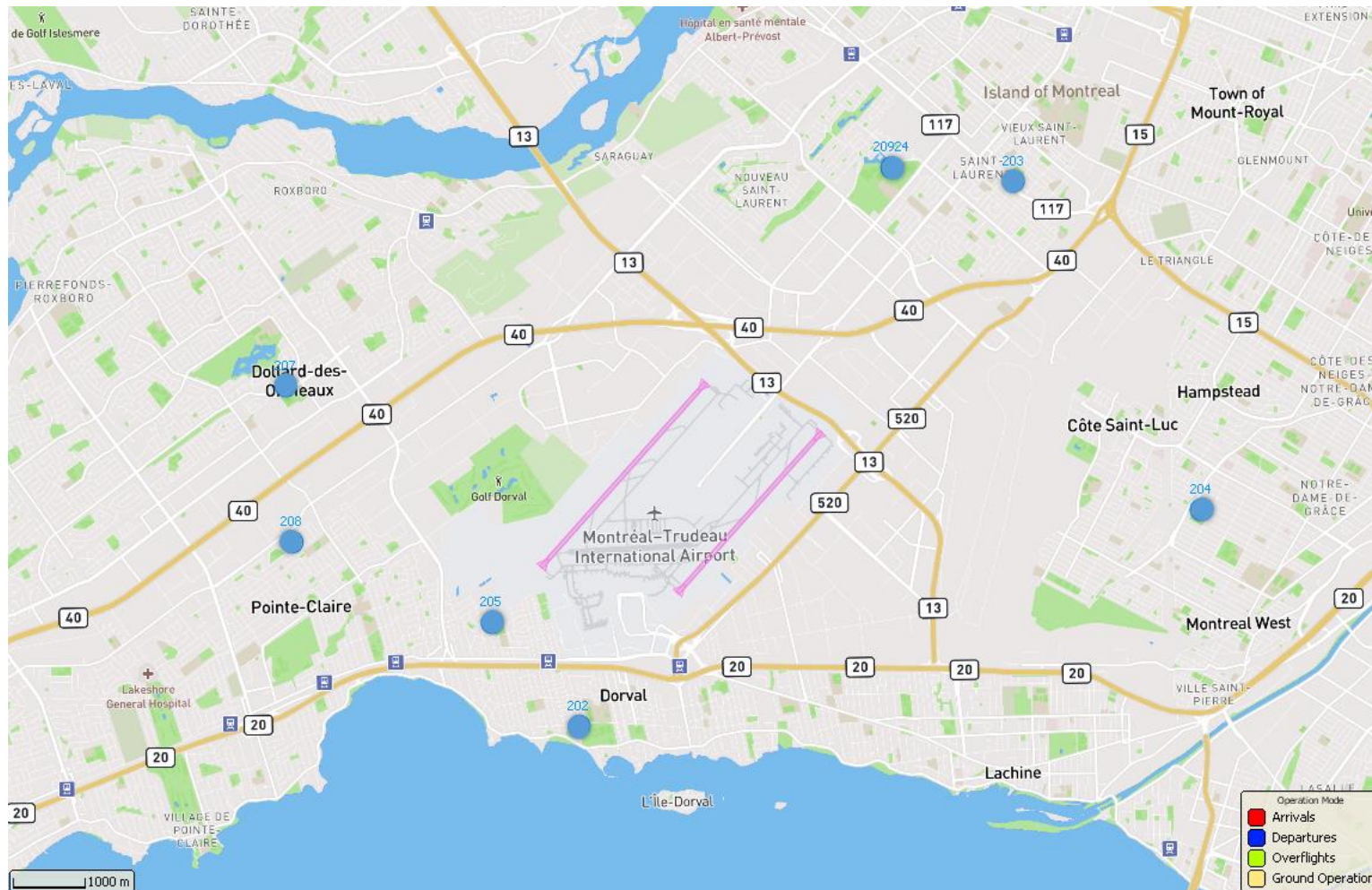
	Exemptions 2023
Approved one-time	1,415
Refused	86
Infractions to Transport Canada	72



Other – includes some exemptions for operational delays

# Soundscape Report 2023

## Noise Monitoring Stations





# Soundscape Report 2023

Annual Average Noise Levels Recorded at the Noise Monitoring Stations in 2023 (dB(A))

