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# Noise Statistics Update

2018 Year End

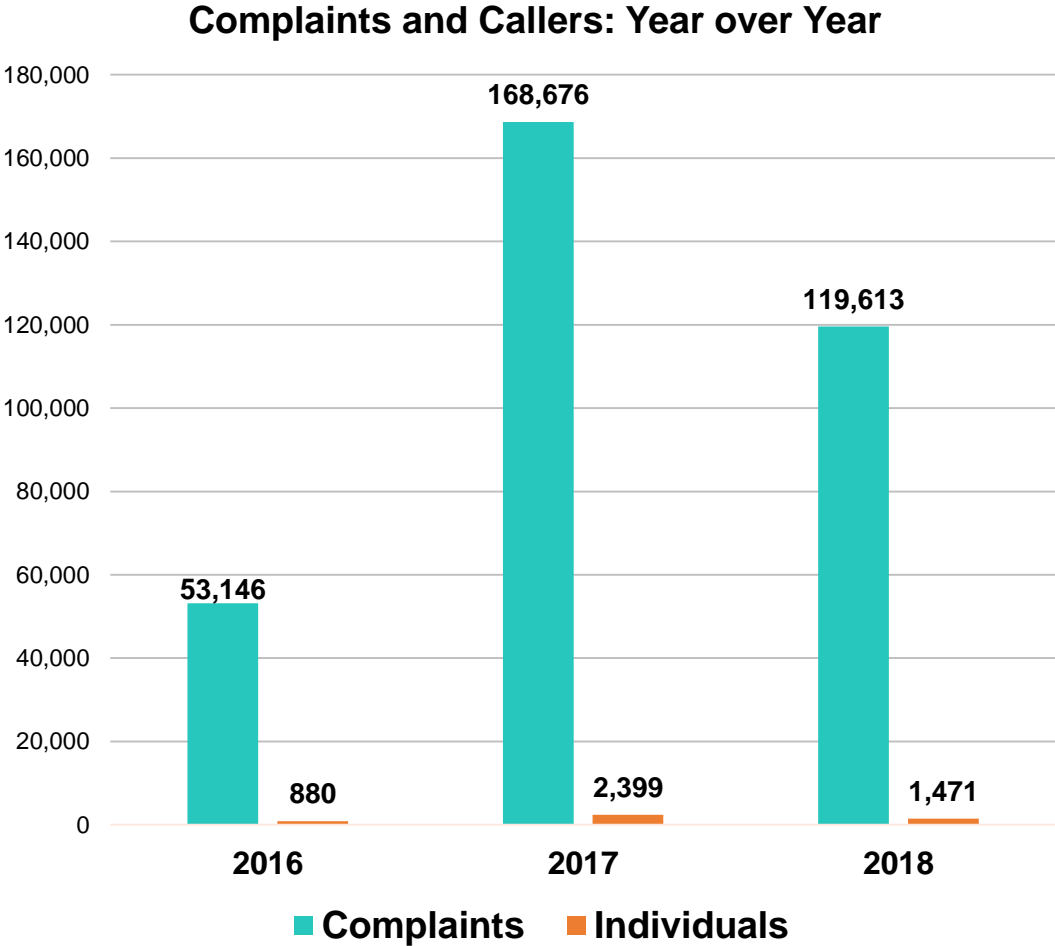


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# Complaints

# Complaints by Month for 2018 & by Year, 2016-2018

Month	Complaints	Callers
January	9,336	259
February	6,767	188
March	20,444	333
April	12,789	285
May	13,266	285
June	9,831	239
July	8,815	310
August	8,083	403
September	8,738	298
October	7,285	179
November	7,724	196
December	6,535	170



# Complaints by Federal Riding

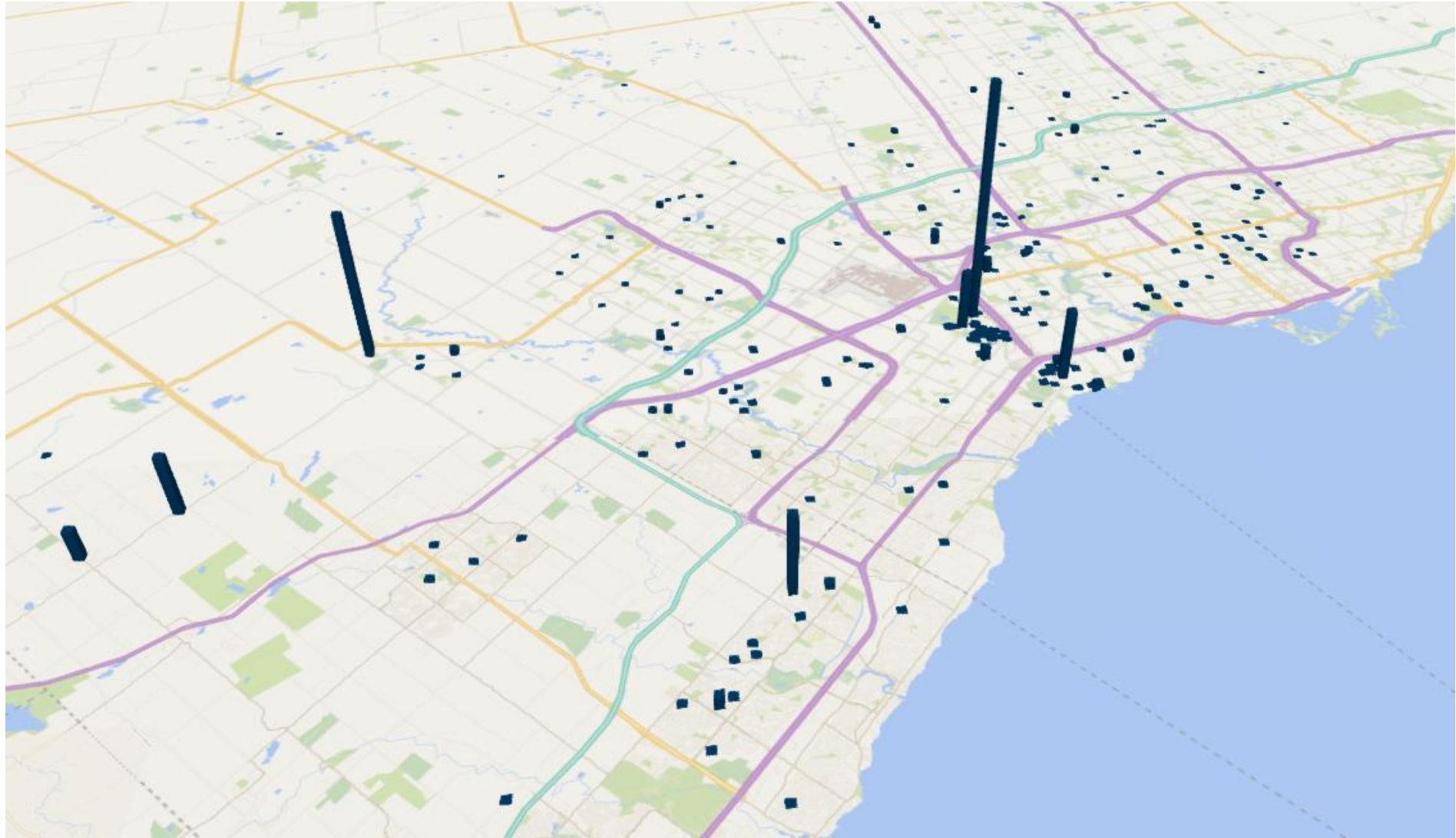
2018

Riding	Complaints	Individuals
Aurora-Oak Ridges-Richmond Hill	5	3
Beaches-East York	60	3
Brampton Centre	249	25
Brampton East	461	12
Brampton North	13	8
Brampton South	128	29
Brampton West	1,008	3
Burlington	1	1
Davenport	378	5
Don Valley East	1,007	22
Don Valley West	302	21
Dufferin-Caledon	11	5
Eglinton-Lawrence	286	6
Etobicoke Centre	32,700	289
Etobicoke North	1,388	67
Etobicoke-Lakeshore	8,331	203
Humber River-Black Creek	1,385	58
King-Vaughan	362	11
Markham-Stouffville	4	3
Markham-Thornhill	50	10
Milton	18,461	65
Mississauga Centre	18	1
Mississauga East-Cooksville	3,461	70

Riding	Complaints	Individuals
Mississauga-Bram. South	4	1
Mississauga-Erin Mills	282	22
Mississauga-Lakeshore	165	22
Mississauga-Malton	1,917	42
Mississauga-Streetsville	1,099	89
Oakville	1,525	39
Oakville North-Burlington	22,498	74
Parkdale-High park	3,239	21
Richmond Hill	1,048	15
Scarborough Southwest	208	2
Scarborough-Agincourt	3	1
Scarborough-Rouge Park	220	1
Spadina-Fort York	1	1
Thornhill	235	20
Toronto-Danforth	5	4
Toronto-St. Paul's	180	17
University-Rosedale	119	11
Vaughan-Woodbridge	442	14
Wellington-Halton Hills	14,978	40
Willowdale	293	62
York Centre	296	21
York South-Weston	694	28
<b>Grand Total</b>	<b>119,613</b>	<b>1,471</b>

# Complaints by FSA

2018



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# Operations

# All Movements (Arrivals and Departures)

2018

Runway	Arrivals	Departures	Total
05	61,510	22,013	83,523
06L	19,247	64,874	84,121
06R	9,347	1,621	10,968
15L	1,789	1,618	3,407
15R	1,232	214	1,446
23	48,413	84,547	132,960
24L	18,625	1,237	19,862
24R	65,070	44,921	109,991
33L	9,537	388	9,925
33R	1,170	13,330	14,500
<b>Grand Total</b>	<b>235,940</b>	<b>234,763</b>	<b>470,703</b>

# Operations by Direction

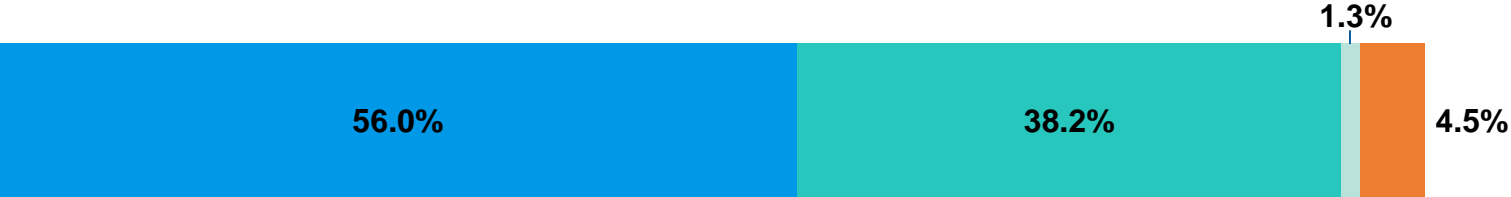
2018

## Departures



■ To the East (05, 06L/R) ■ To the West (23, 24L/R) ■ To the North (33L/R) ■ To the South (15L/R)

## Arrivals

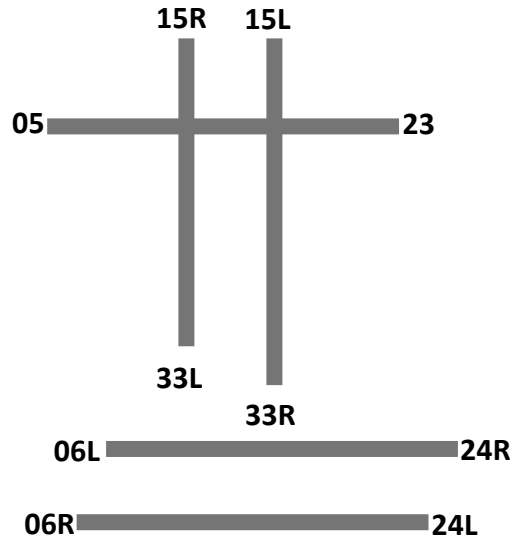


■ From the East (23, 24L/R) ■ From the West (05, 06L/R) ■ From the North (15L/R) ■ From the South (33L/R)

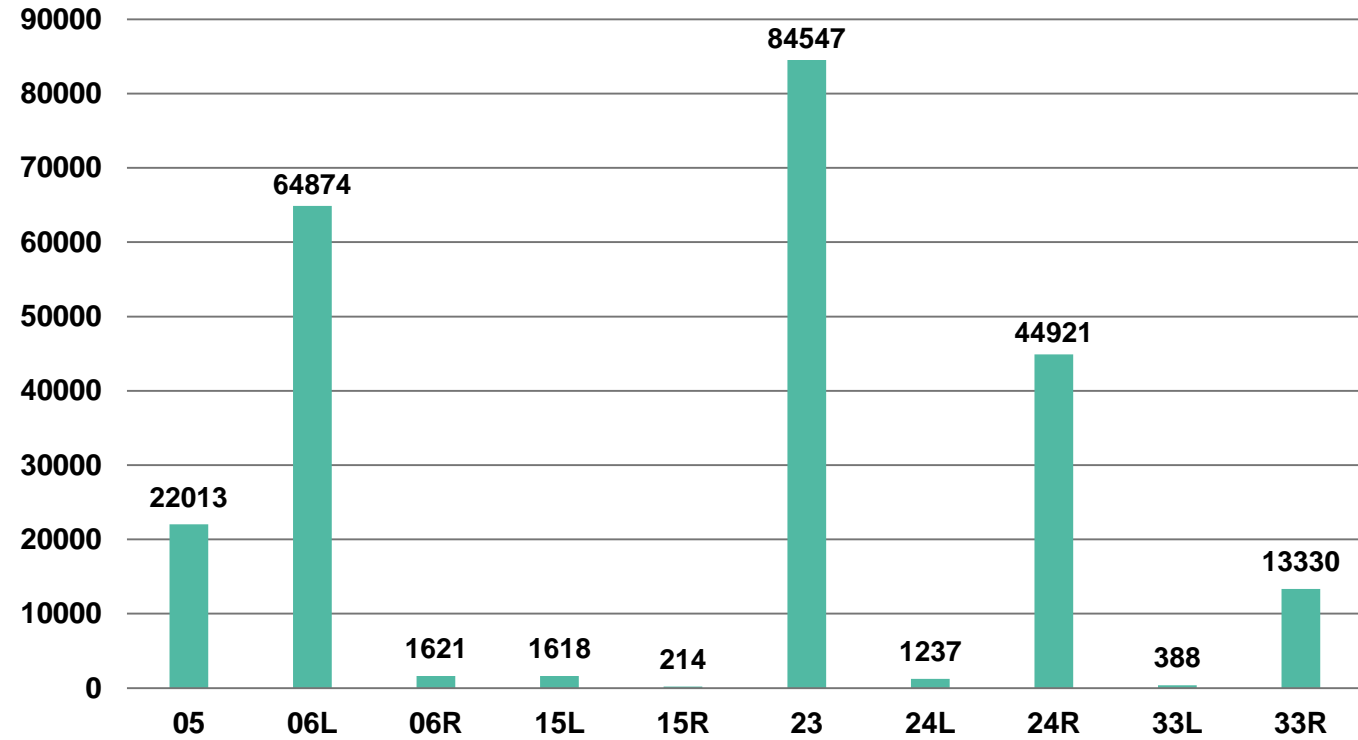


# Departures by Runway

2018



## Departures

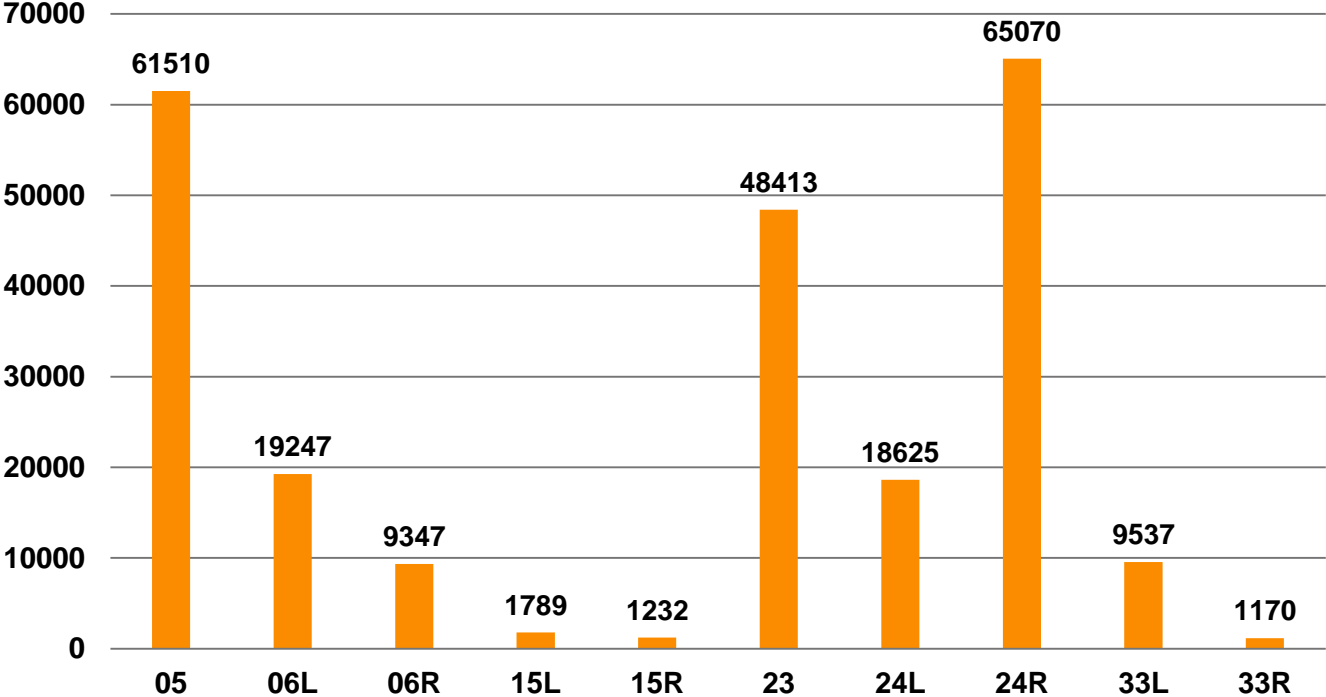
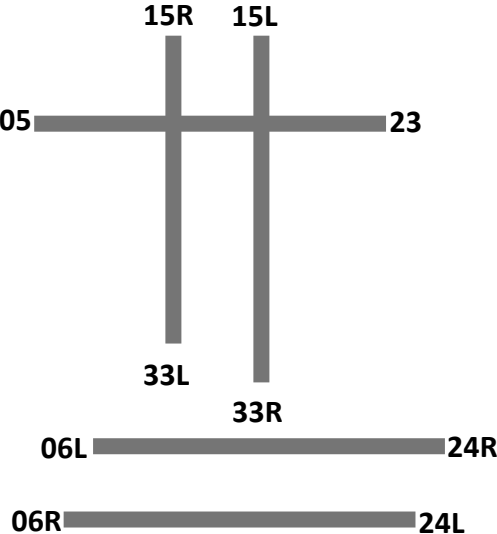


Total: 234,763

# Arrivals by Runway

2018

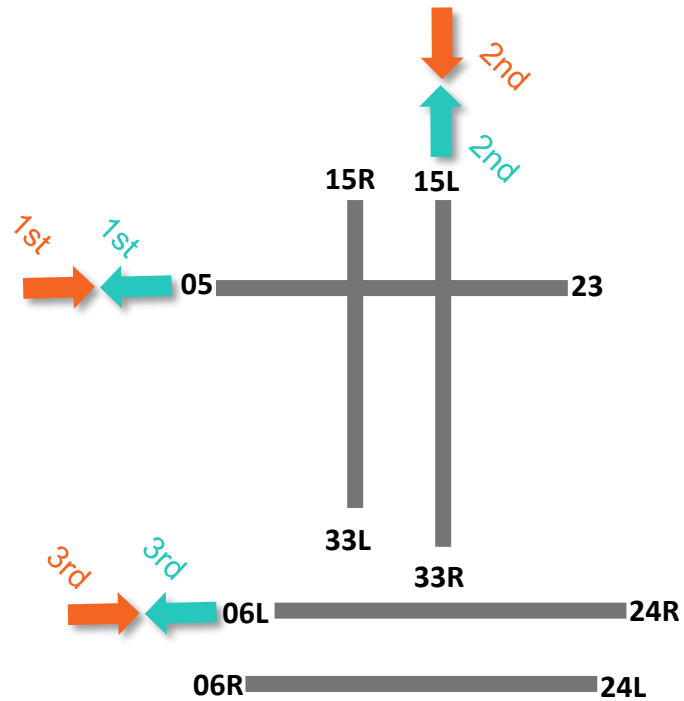
### Arrivals



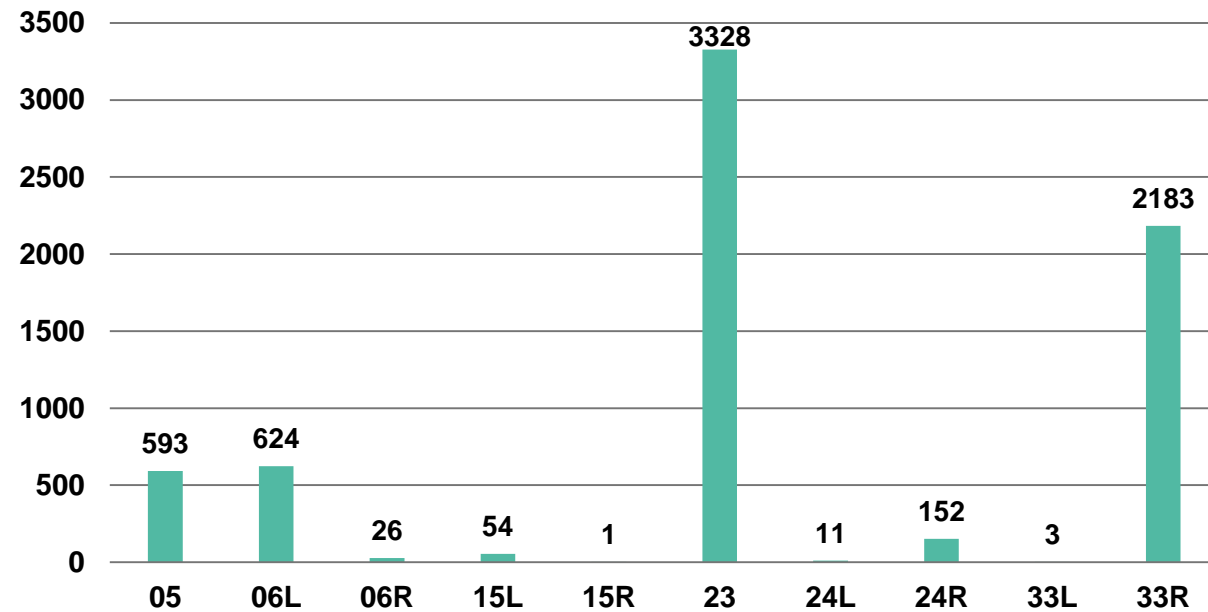
Total: 235,940

# Departures by Runway

2018: Preferential Hours (12:00 a.m. - 6:29 a.m.)



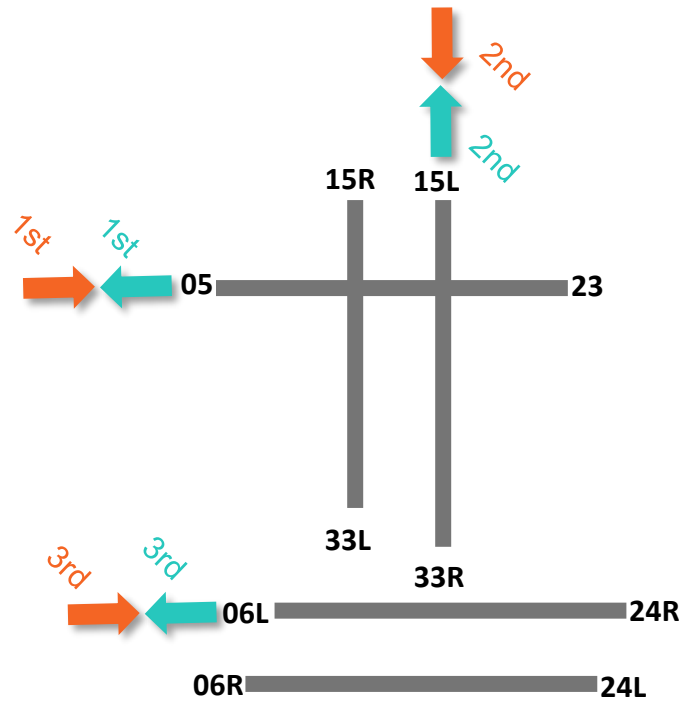
## Pref Departures



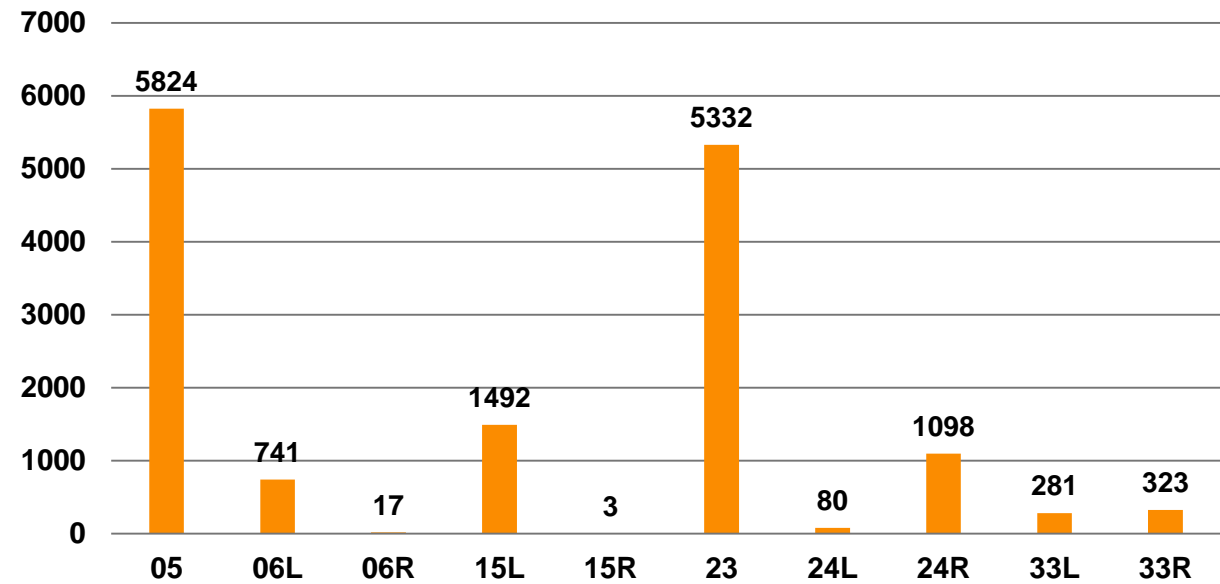
Total: 6,975

# Arrivals by Runway

2018: Preferential Hours (12:00 a.m. - 6:29 a.m.)



## Pref Arrivals



Total: 15,191

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# Night Flight Restriction Program

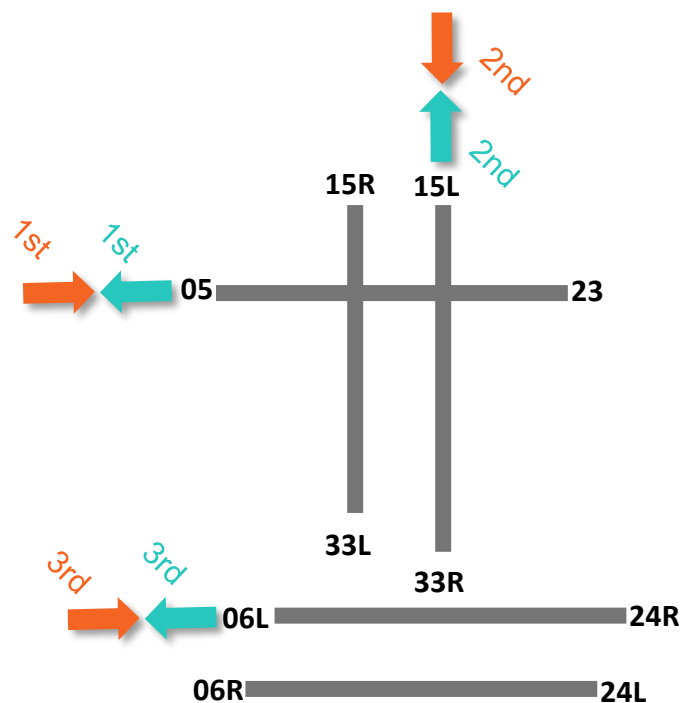
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# Night Flight Budget

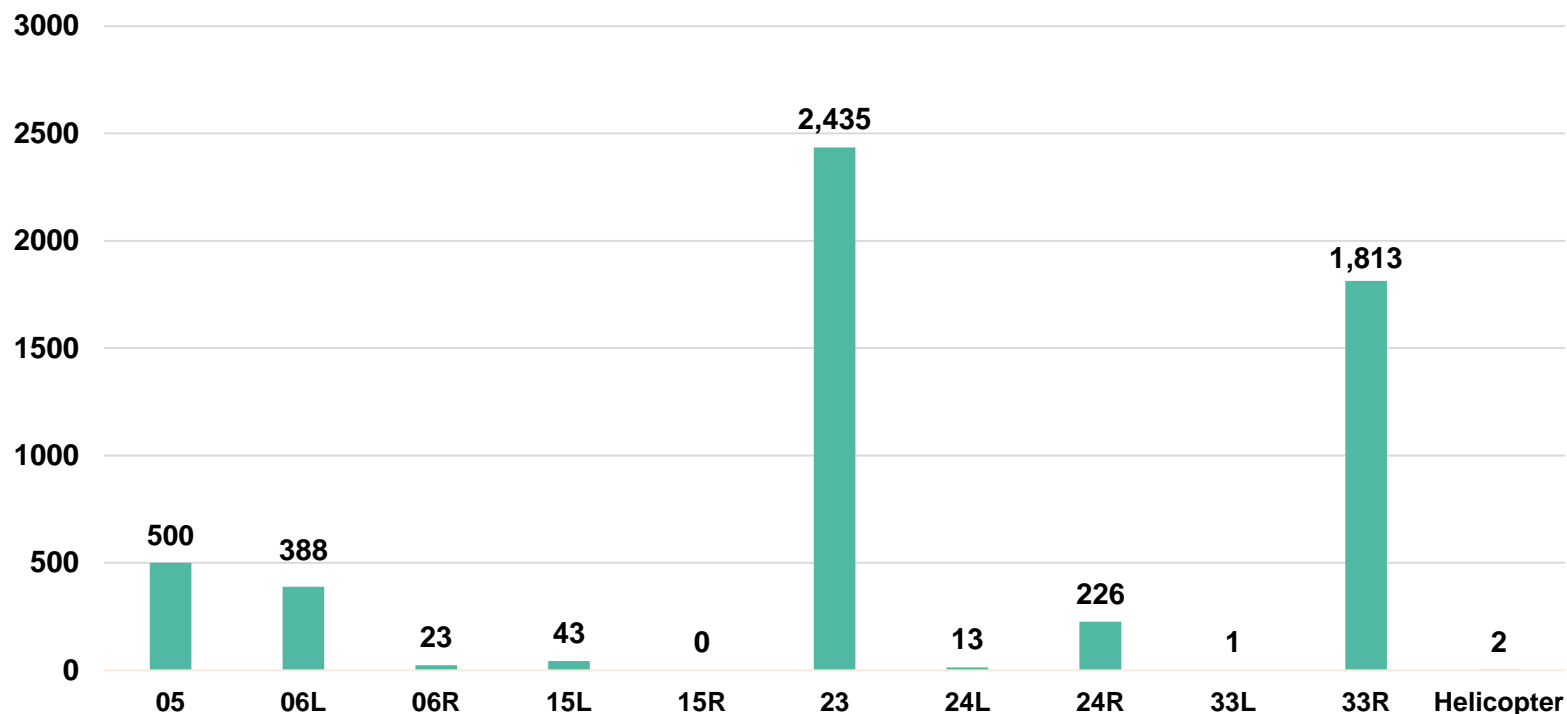
- The Night Flight Budget is an annual cap on the number of flights permitted during the restricted time hours (12:30 a.m. - 6:29 a.m.)
    - The budget increases annually based on percentage growth in passenger traffic
    - Approximately 4.5% of all flights occur in the night time hours
  - Set by Transport Canada in 1997
  - Budget year runs from November to October
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# Night Flight Restriction Program - Departures

November 2017 to October 2018: Restricted Hours (12:30 a.m. - 6:29 a.m.)



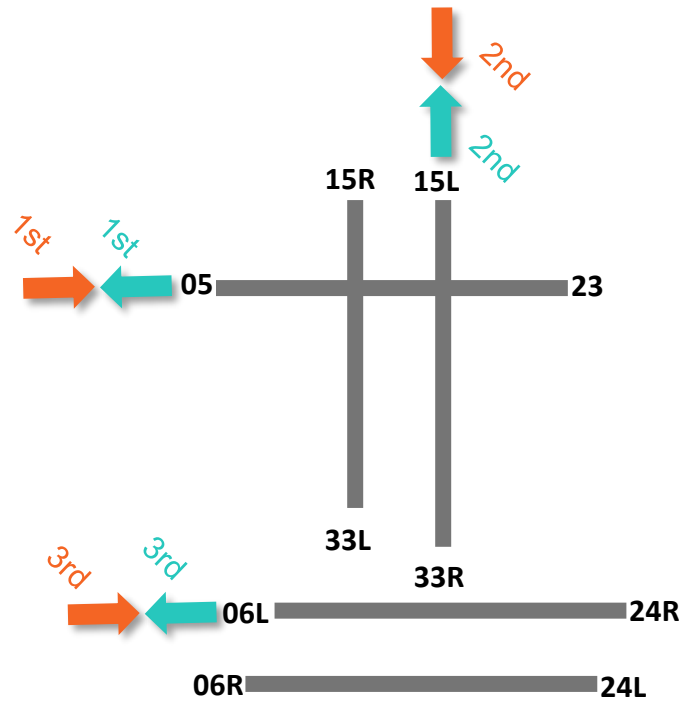
## Departures



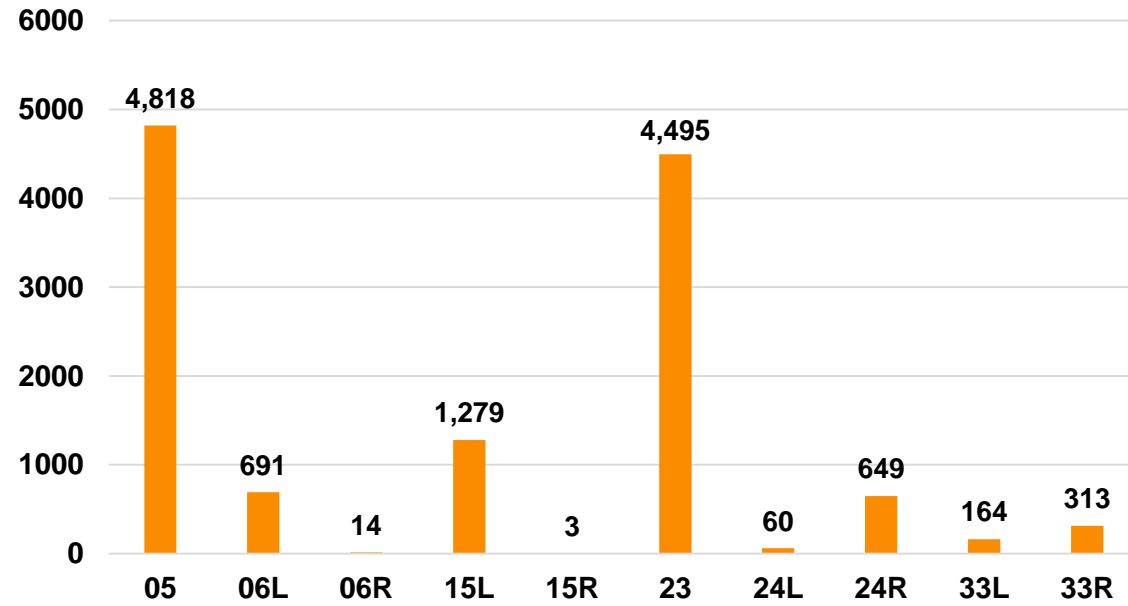
Total: 5,444

# Night Flight Restriction Program - Arrivals

November 2017 to October 2018: Restricted Hours (12:30 a.m. - 6:29 a.m.)



## Arrivals







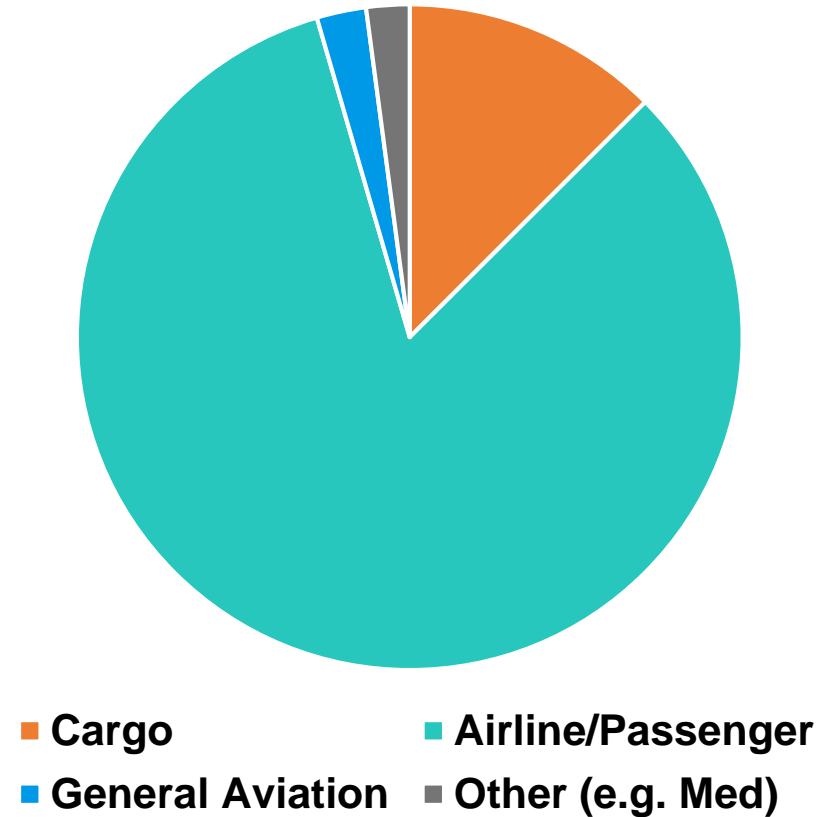
Total: 12,486



# Night Flight Usage by Operation Type

November 2017 to October 2018

Type	Movements	% of Total
 Cargo	2,247	12.5%
 Airline/Passenger	14,865	82.9%
 General Aviation	435	2.4%
 Other (e.g. Med)	383	2.1%
<b>Total</b>	<b>17,930</b>	<b>100%</b>



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# Enforcement

# Enforcement Investigations

November 2017 to October 2018

## Noise Abatement Procedures

- All arrival and departure operations are monitored for compliance with the Noise Abatement procedures using rules set in the Airport Noise and Operations System
- Reviews the data that Transport Canada collects through the Civil Aviation Daily Occurrence Reporting System (CADORS). These reports are reviewed by enforcement on a daily basis

## Night Flight Restriction Program

- All flights that operate during the Restricted Hours (12:30 a.m. - 6:29 a.m.) are verified against night flight schedule and day of operations approvals

## Formal Investigation

- When there is evidence that a non-compliance to the Night Flight Restriction Program or Noise Abatement Procedures occurred, the GTAA investigates the event and forwards the complete details of the investigation along with all supporting evidence to Transport Canada Enforcement Office.
- Transport Canada publishes infractions for which a corporate entity is responsible [here](#).

Type	GTAA Investigations	Sent to Transport Canada
Night Flight Restriction Program	154	102
Noise Abatement Procedures	31	25
Total	185	127

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# Operational Trials

# Operational Trials Update

## North South Early Jet Turns

Specific small jet aircraft are permitted to turn to course shortly after takeoff on the east/west runways between 7:00 a.m. and 11:00 p.m.

- This is standard procedure since 2005
- During the trial, early turns are permitted on the north/south runways

From March 3, 2008 to December 31, 2018

- 3,156 eligible jet aircraft (16%) made early turns on the north/south runways
- 169 complaints are attributed to this trial between March 3, 2008 to October 31, 2018.

## Propeller Turns Extended Hours

Propeller aircraft are permitted to turn to course shortly after takeoff from any runway between the hours of 7:00 a.m. and 11:00 p.m.

- This is standard procedure since the 1970s
- During the trial, prop turns are also permitted from 6:30 to 6:59 a.m. and from 11:01 to 11:30 p.m.

From March 3, 2008 to December 31, 2018

- 4,522 props (85%) turned between 6:30 and 6:59 a.m.
- 12,318 props (82%) turned between 11:01 and 11:30 p.m.
- 1,116 complaints are attributed to this trial between March 3, 2008 to October 31, 2018.