

---

---

# Noise Statistics Update

January to April 2018



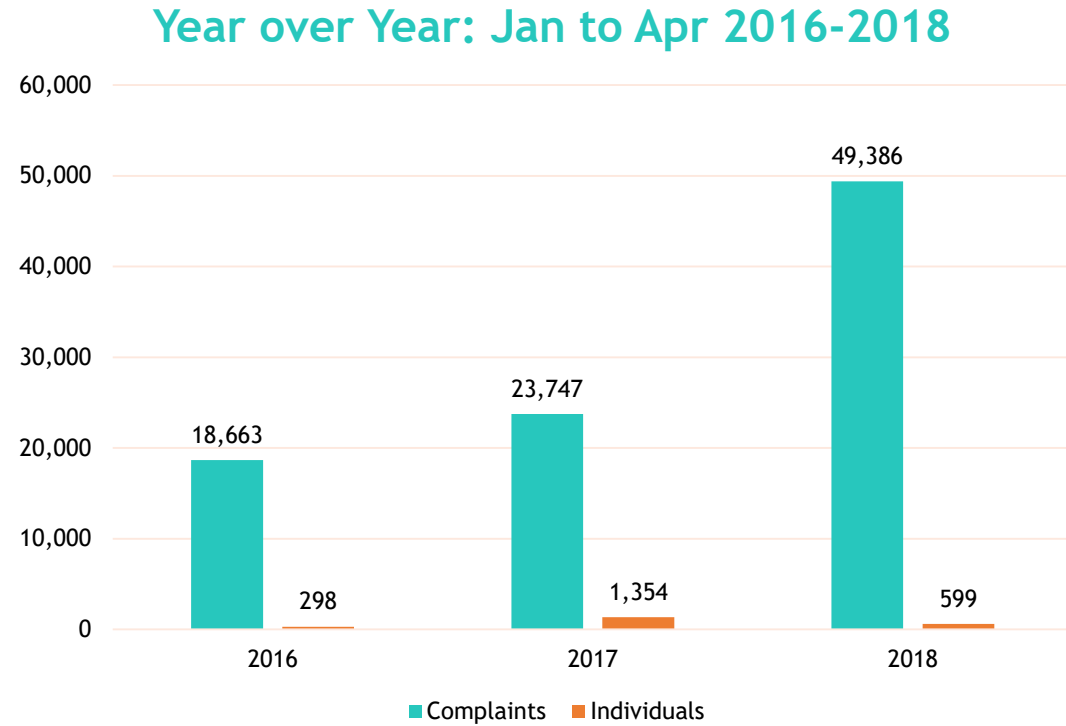
---

# Complaints

# Complaints by Month & Year over Year

January to April 2018

Month	Complaints	Callers
January	9,336	260
February	6,767	188
March	20,495	333
April	12,788	286



# Complaints by Federal Riding

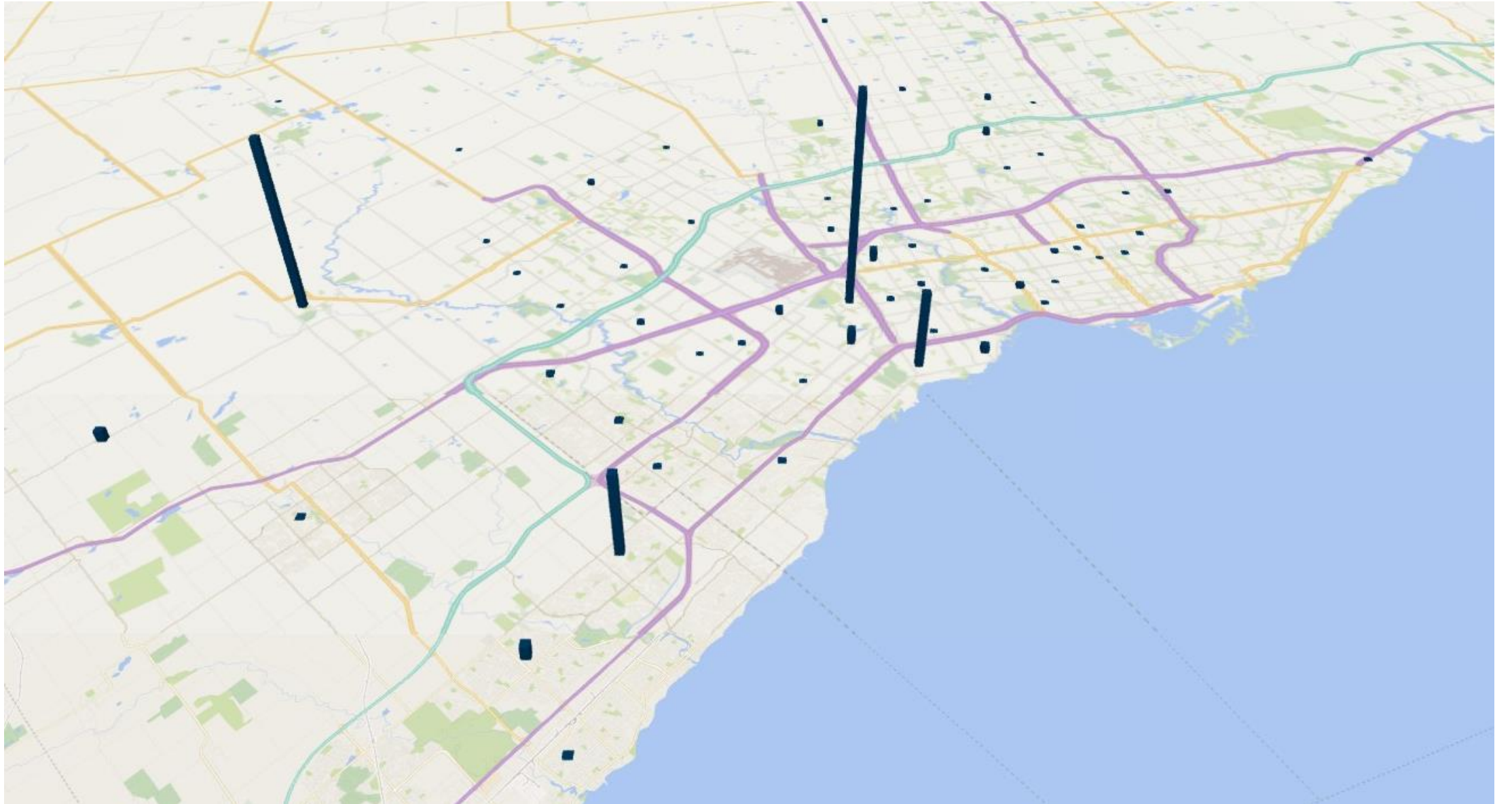
January to April 2018

Riding	Complaints	Individuals
Beaches-East York	14	2
Brampton	1	1
Brampton Centre	184	9
Brampton East	227	4
Brampton North	2	2
Brampton South	13	7
Brampton West	43	1
Davenport	75	3
Don Valley East	121	9
Don Valley West	54	7
Dufferin-Caledon	7	2
Eglinton-Lawrence	60	4
Etobicoke Centre	19,701	142
Etobicoke North	278	16
Etobicoke-Lakeshore	4,235	150
Humber River-Black Creek	98	17
King-Vaughan	146	4
Markham-Stouffville	2	2
Milton	1,232	10
Mississauga Centre	18	1
Mississauga East	2	2

Riding	Complaints	Individuals
Mississauga East-Cooksville	2,394	54
Mississauga-Bram. South	4	1
Mississauga-Erin Mills	108	5
Mississauga-Lakeshore	40	5
Mississauga-Malton	692	14
Mississauga-Streetsville	221	14
Oakville	695	21
Oakville North-Burlington	10,756	38
Parkdale-High park	467	10
Richmond Hill	529	2
Scarborough Southwest	48	1
Scarborough-Rouge Park	186	1
Thornhill	81	3
Toronto-St. Paul's	68	8
University-Rosedale	23	3
Vaughan-Woodbridge	81	3
Wellington-Halton Hills	6,393	7
Willowdale	42	5
York Centre	21	3
York South-Weston	24	6
<b>Grand Total</b>	<b>49,386</b>	<b>599</b>

# Complaints by FSA

January to April 2018



---

# Operations

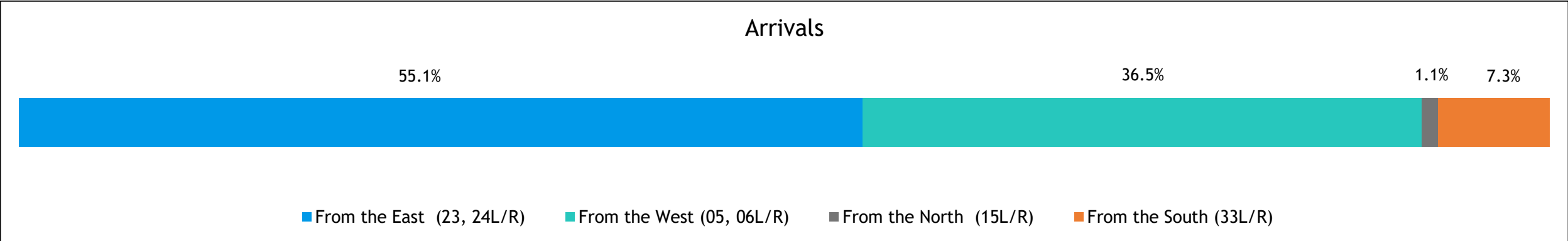
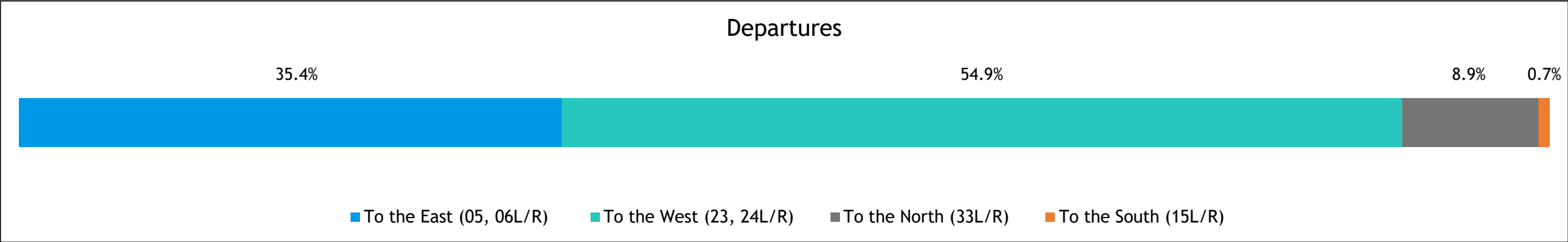
# All Movements (Arrivals and Departures)

January to April 2018

Runway	Arrivals	Departures	Total
06L	5,399	20,359	25,758
06R	2,878	350	3,228
15L	335	525	860
15R	490	23	513
23	15,747	25,205	40,952
24L	4,766	456	5,222
24R	20,909	15,354	36,263
33L	4,963	240	5,203
33R	525	6,405	6,930
5	19,179	5,746	24,925
<b>Grand Total</b>	<b>75,191</b>	<b>74,663</b>	<b>149,854</b>

# Operations by Direction

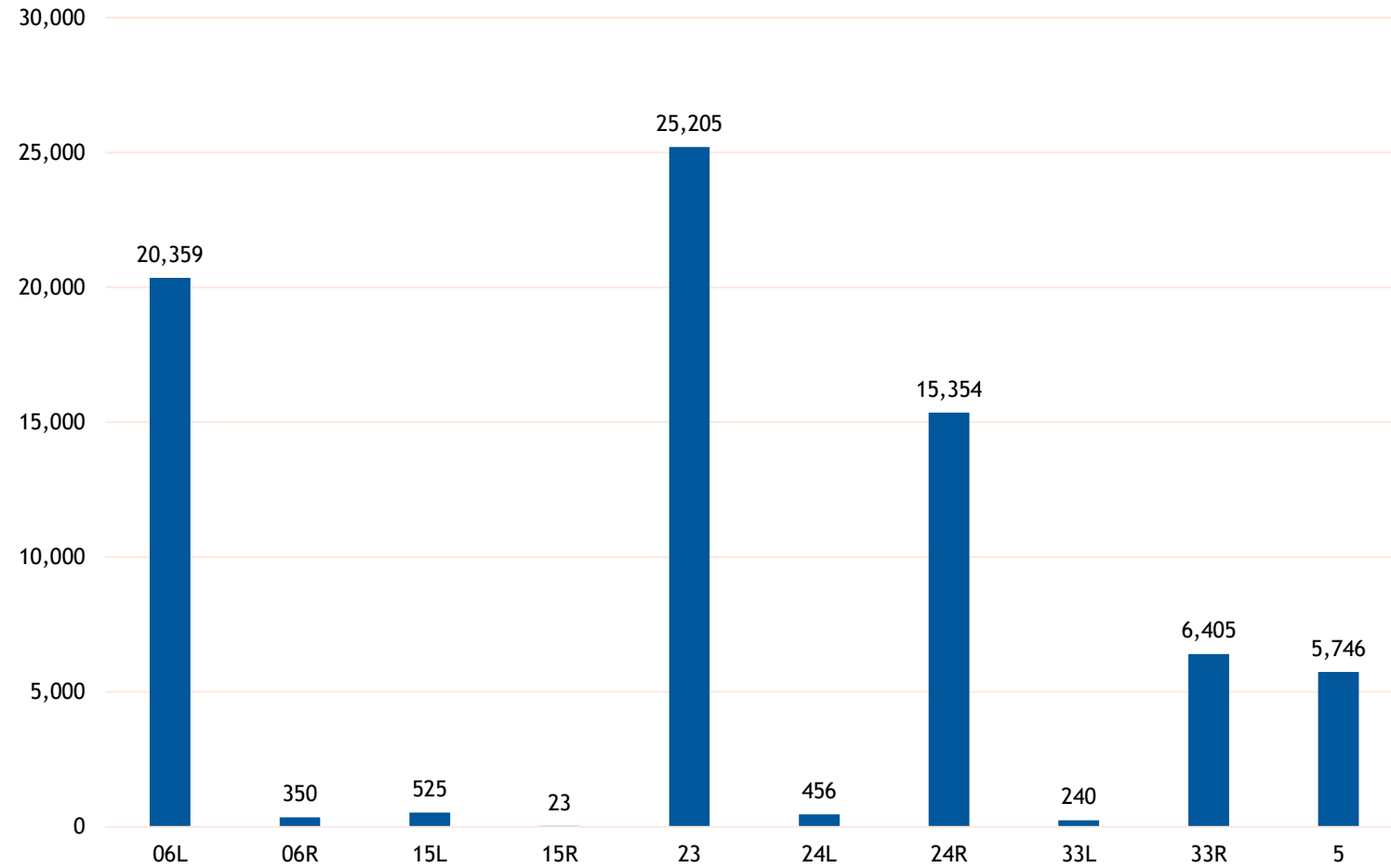
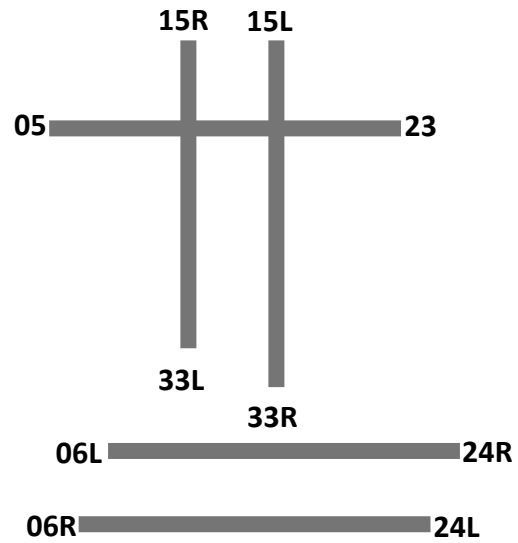
January to April 2018





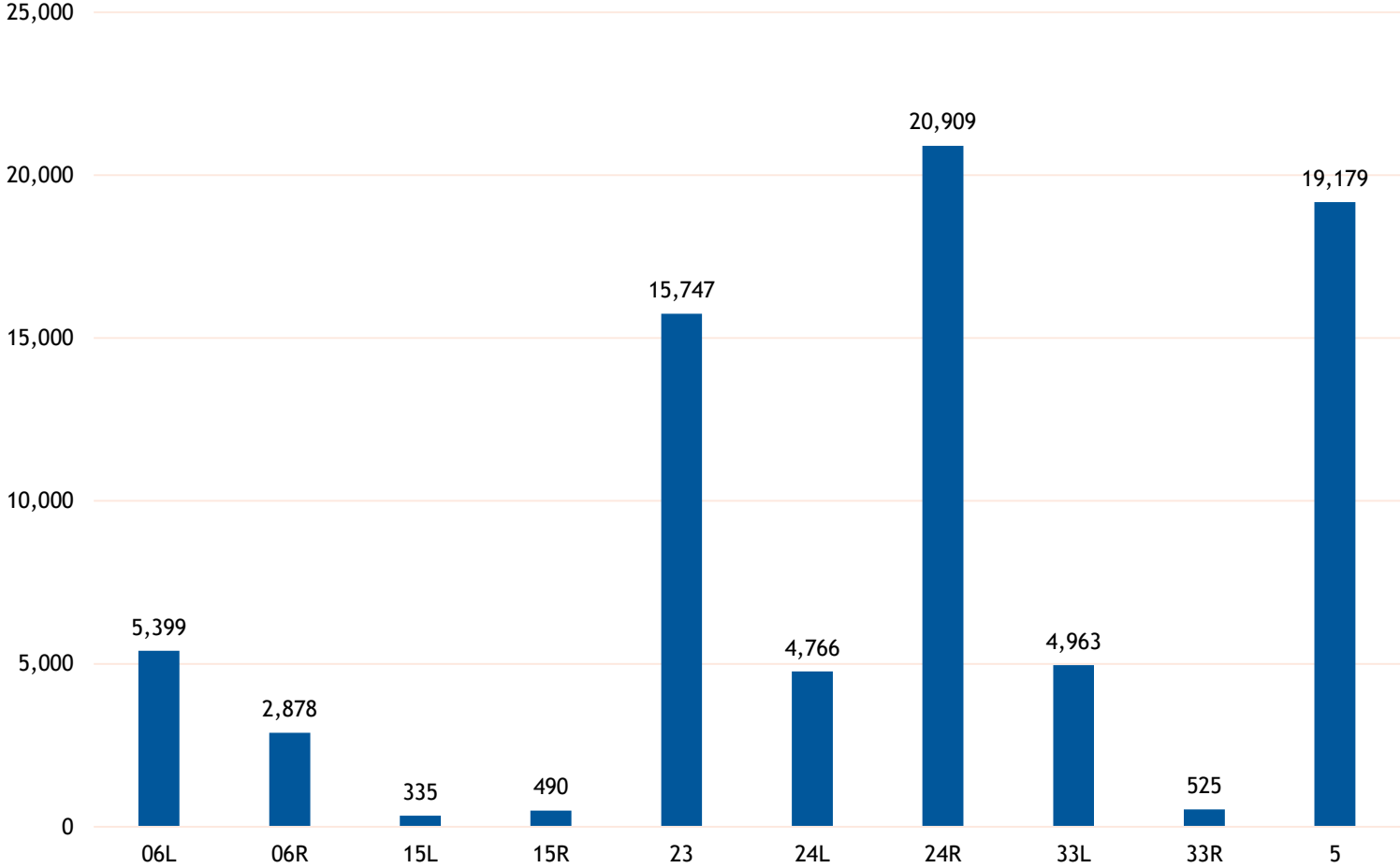
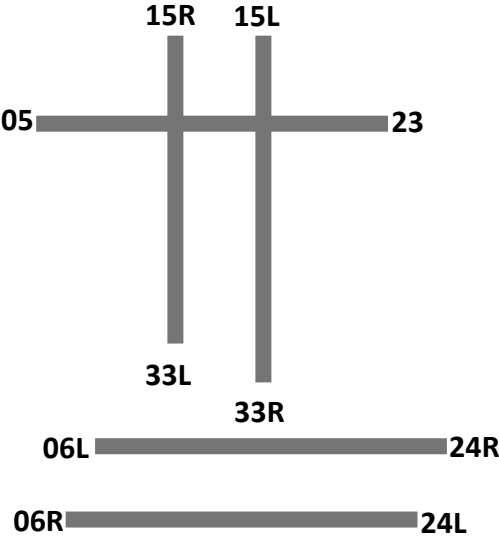
# Departures by Runway

January to April 2018



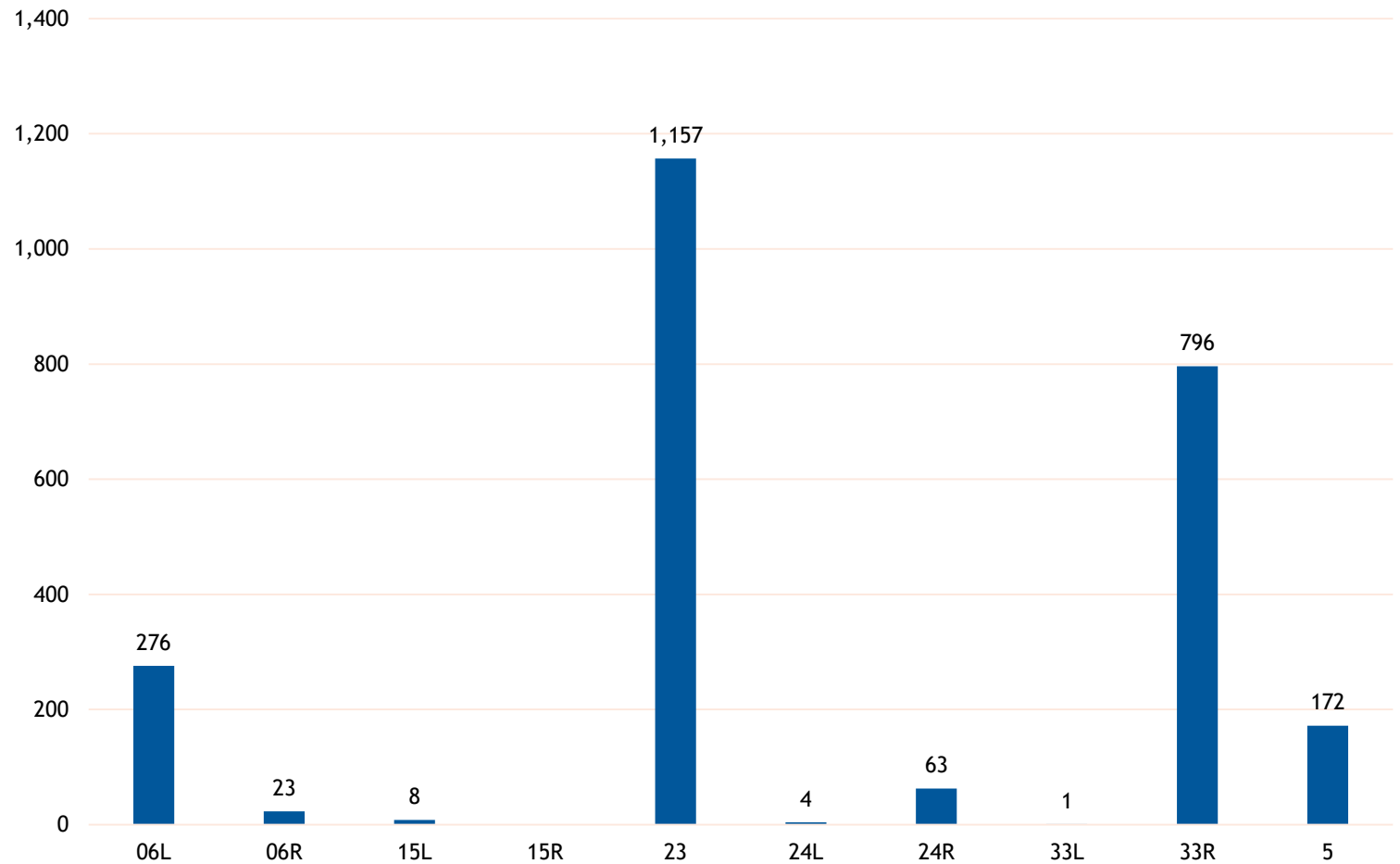
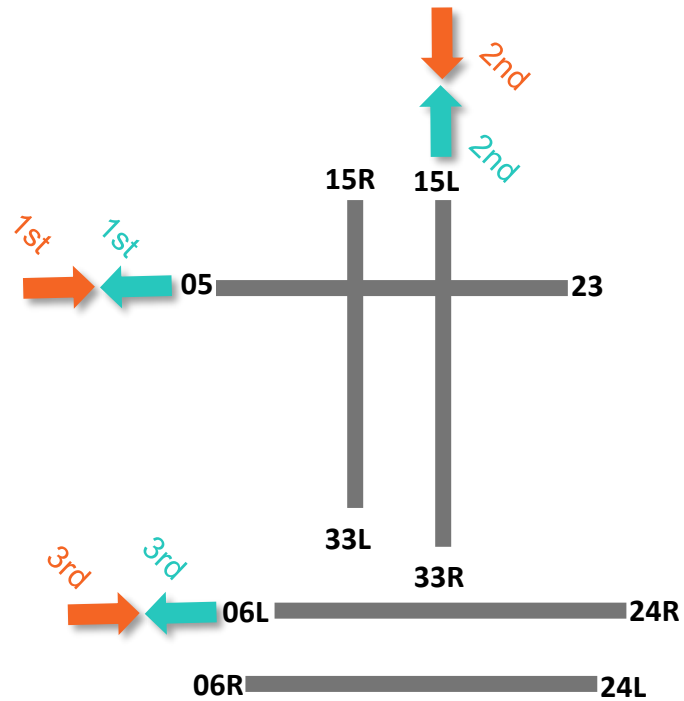
# Arrivals by Runway

January to April 2018



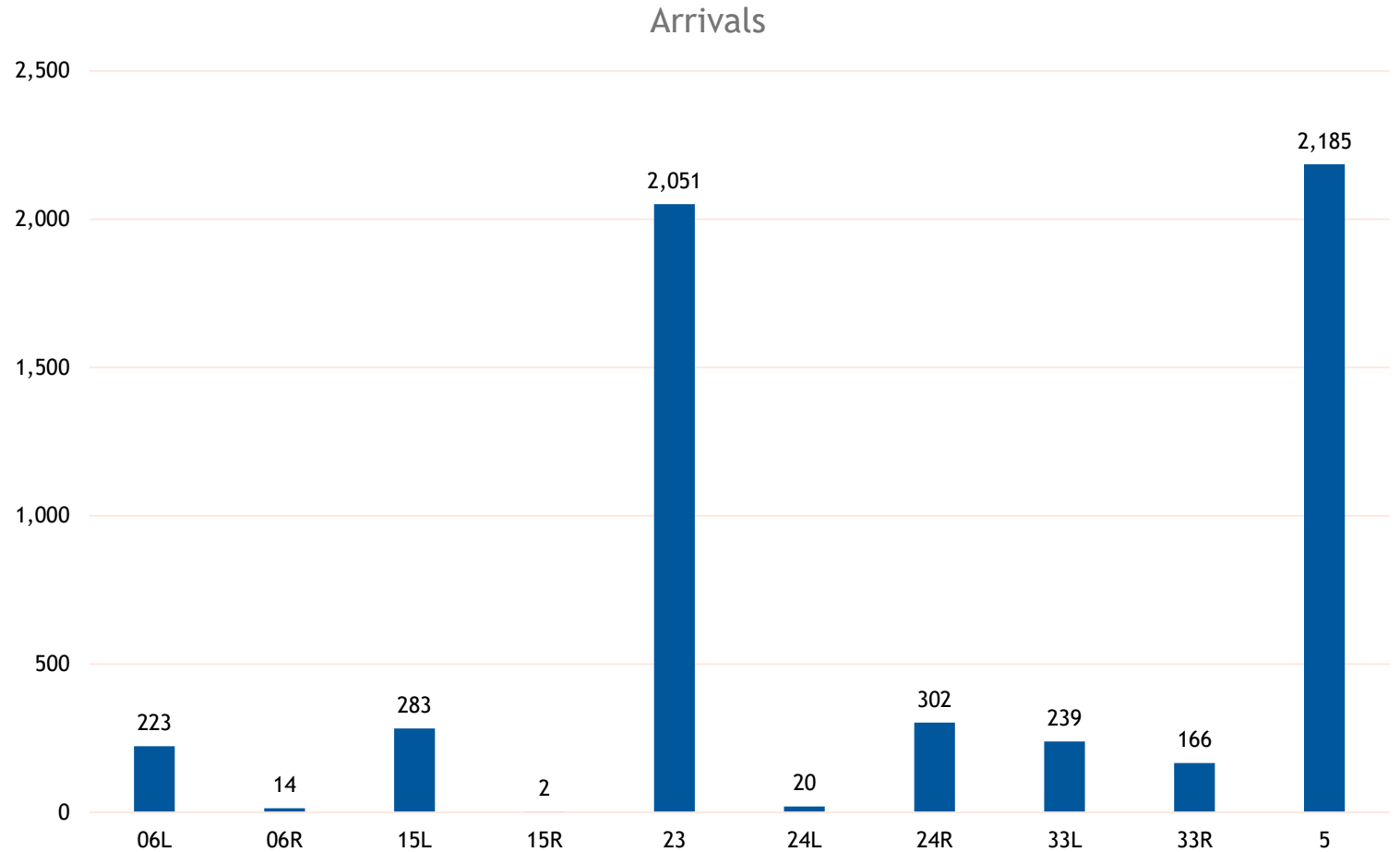
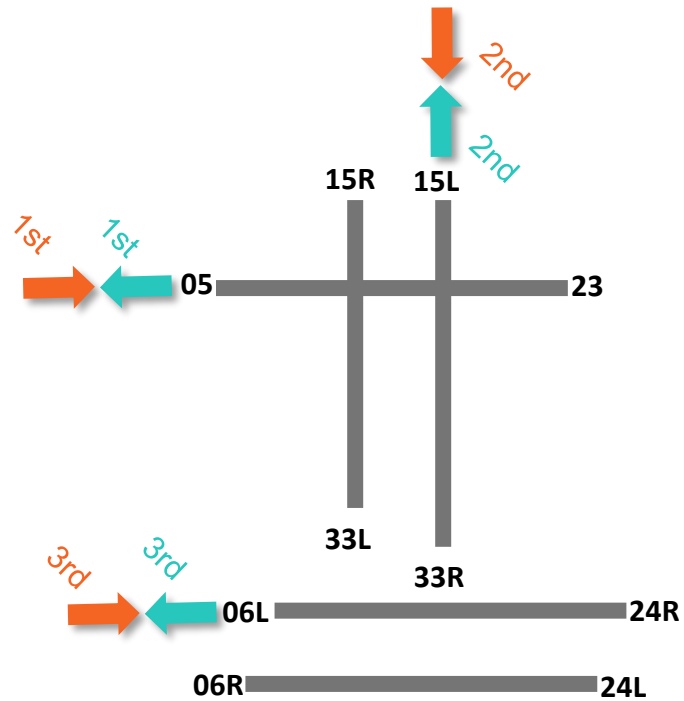
# Departures by Runway

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



# Arrivals by Runway

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



---

# Night Flight Restriction Program

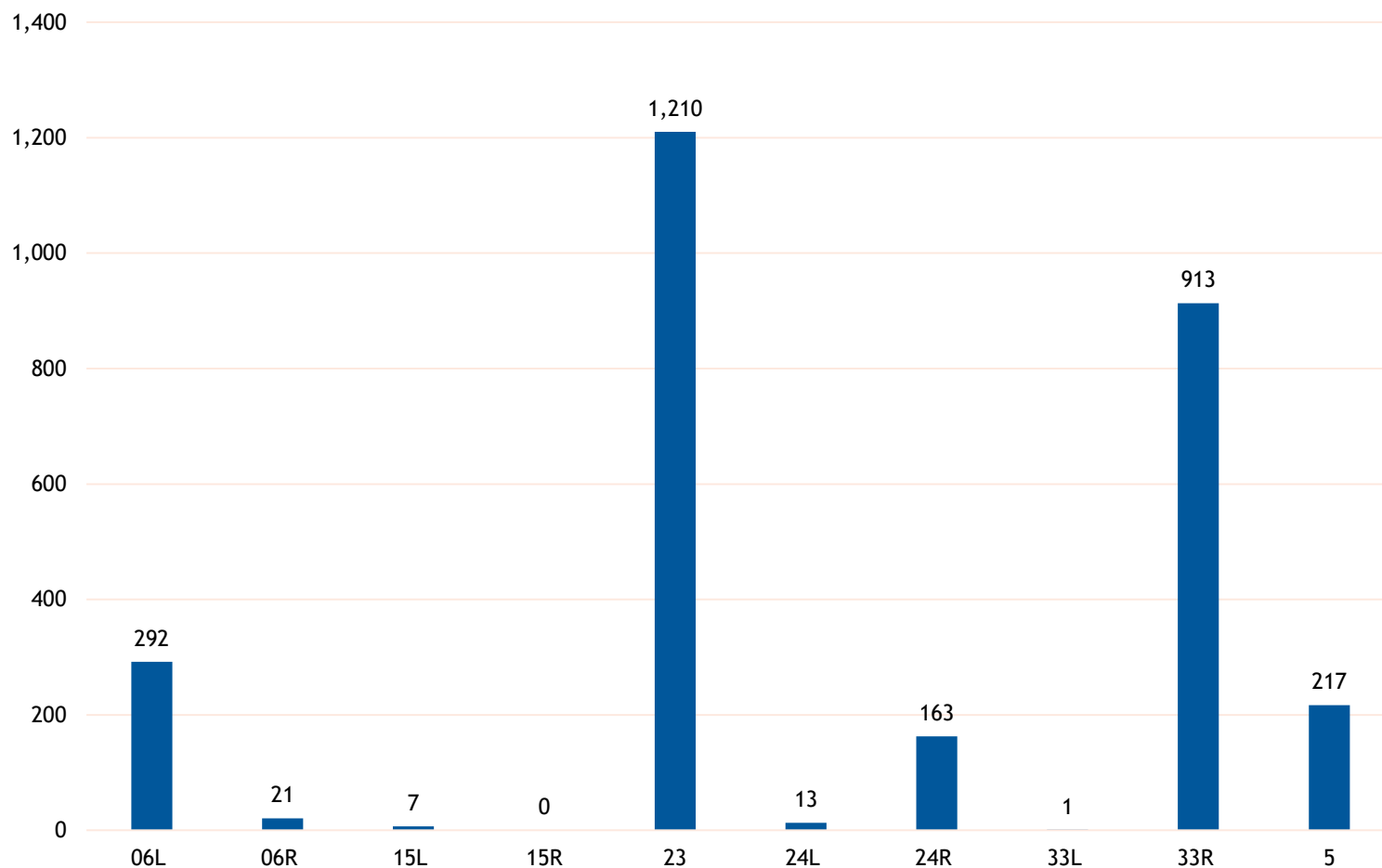
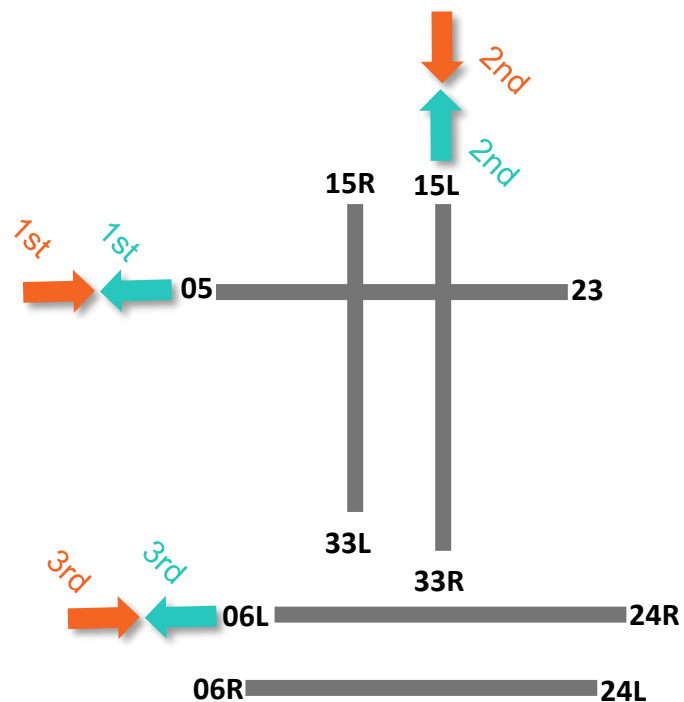
---

# 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 3.7% of all flights occur in the night time hours
  - Set by Transport Canada in 1997
  - Budget year runs from November to October
-

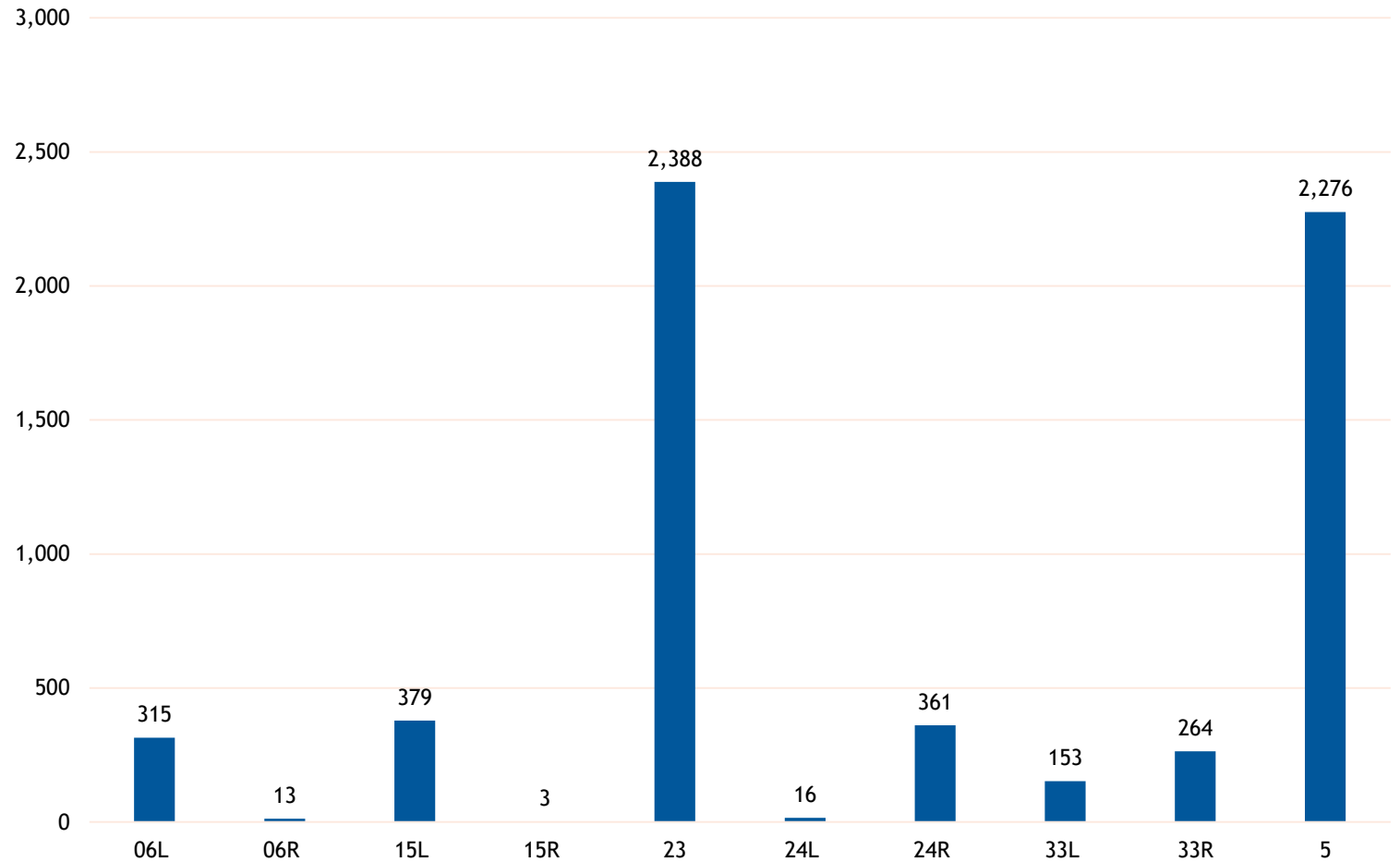
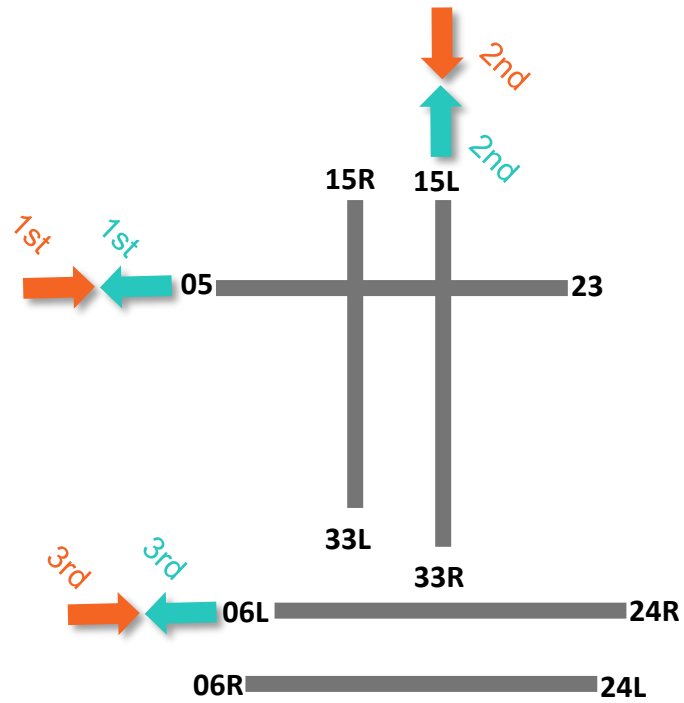
# Night Flight Restriction Program - Departures

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



# Night Flight Restriction Program - Arrivals





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

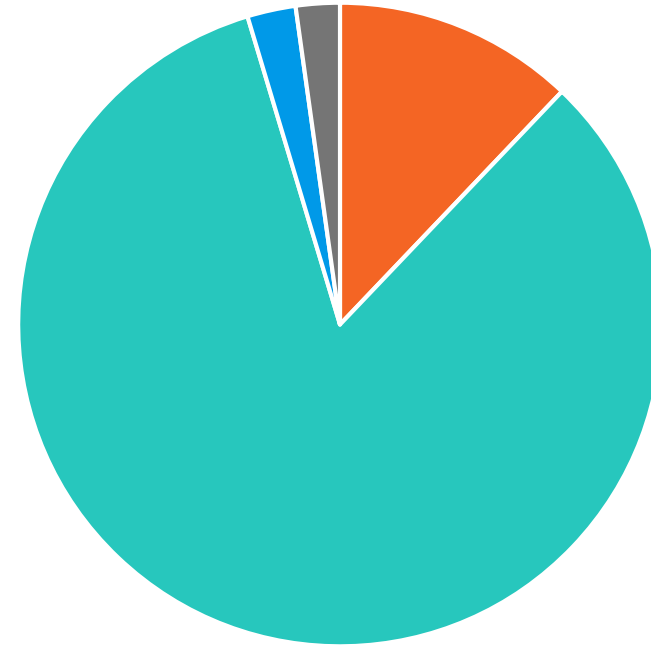




# Night Flight Usage by Operation Type

November 2017 to April 2018

Type	Movements	Percent
 Cargo	1,091	12.1%
 Airline/Passenger	7,496	83.2%
 General Aviation	219	2.4%
 Other (e.g. Med)	199	2.2%
<b>Total</b>	<b>9,005</b>	<b>100.0%</b>



 Cargo  Airline/Passenger  General Aviation  Other (e.g. Med)

---

# Enforcement

# Enforcement Investigations

November 2017 to April 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
- Listen to voice recordings between pilot and NAV CANADA for possible explanation i.e. weather avoidance, safety

## 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.

Type	GTAA Investigations	Sent to Transport Canada
Night Flight Restriction Program	53	31
Noise Abatement Procedures	15	8
Total	68	39

---

# 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 April 30, 2018

- 3,023 eligible jet aircraft (16%) made early turns on the north/south runways
- 87 complaints are attributed to this trial between March 3, 2008 to April 30, 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, 2017

- 4,197 props (86%) turned between 6:30 and 6:59 a.m.
- 11,391 props (83%) turned between 11:01 and 11:30 p.m.
- 802 complaints are attributed to this trial between March 3, 2008 to April 30, 2018.