
Noise Statistics Update

January to July 2018



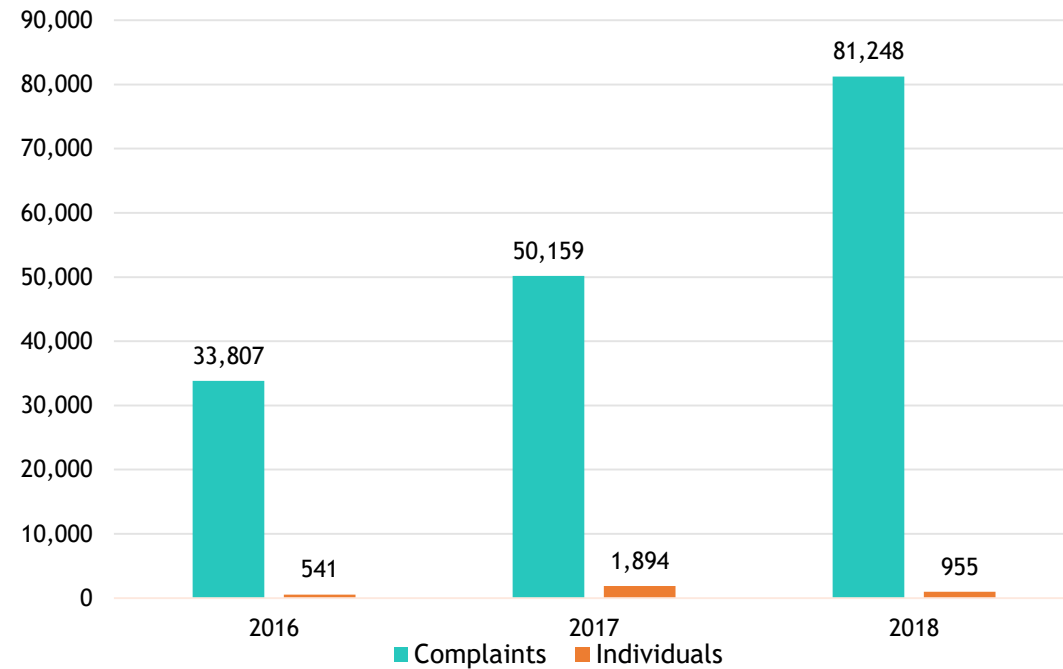
Complaints

Complaints by Month & Year over Year

January to July 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

Year over Year: Jan to July 2016-2018



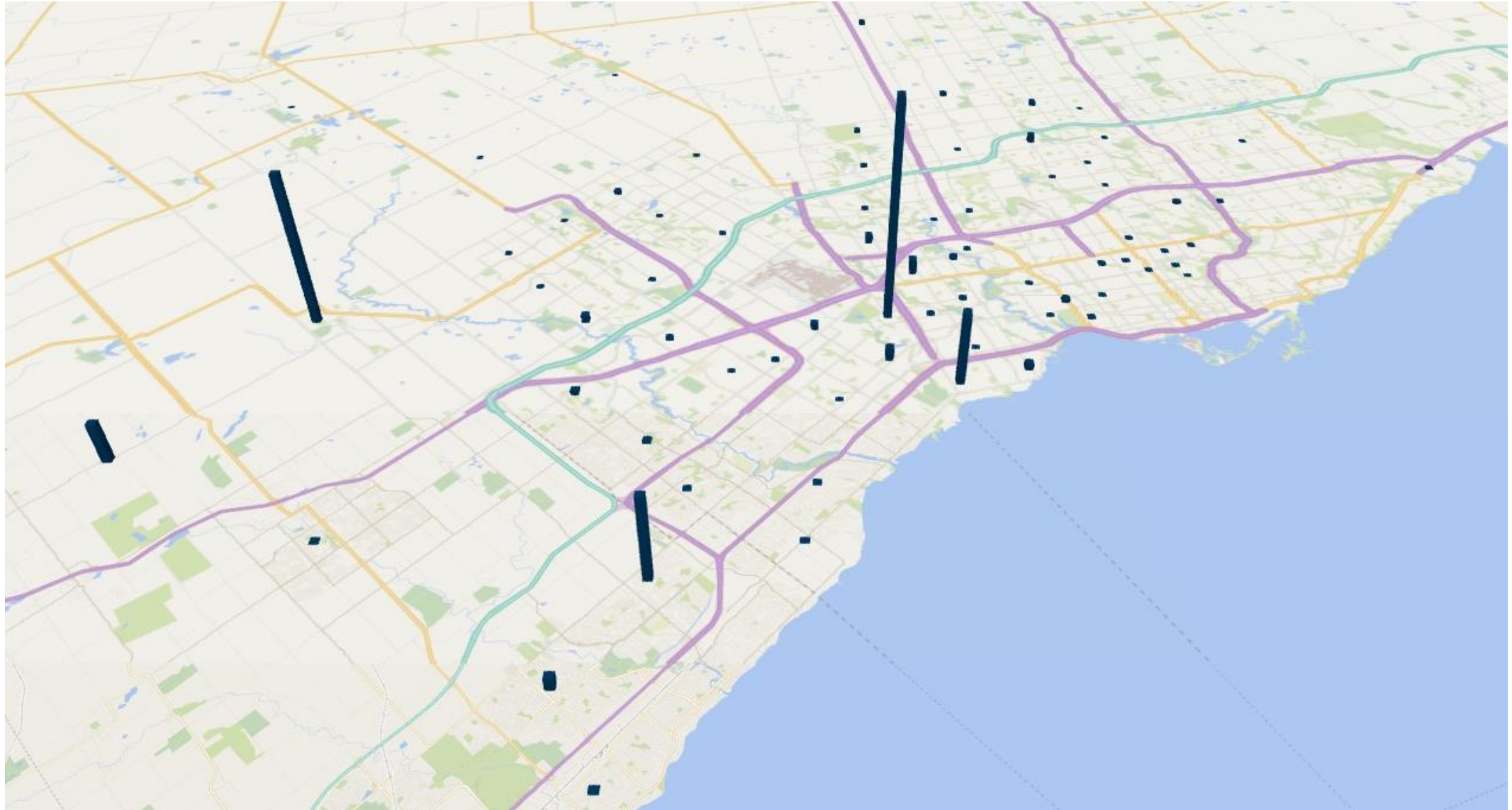
Complaints by Federal Riding

January to July 2018

Riding	Complaints	Individuals	Riding	Complaints	Individuals
Aurora-Oak Ridges-Richmond Hill	2	1	Mississauga East-Cooksville	2,971	61
Beaches-East York	51	3	Mississauga-Bram. South	4	1
Brampton	10	1	Mississauga-Erin Mills	191	6
Brampton Centre	230	18	Mississauga-Lakeshore	78	15
Brampton East	307	8	Mississauga-Malton	1,515	27
Brampton North	8	5	Mississauga-Streetsville	625	35
Brampton South	43	15	Oakville	1,000	31
Brampton West	542	1	Oakville North-Burlington	17,135	52
Davenport	265	5	Parkdale-High park	1,049	19
Don Valley East	854	20	Richmond Hill	918	6
Don Valley West	179	15	Scarborough Southwest	208	2
Dufferin-Caledon	9	3	Scarborough-Agincourt	3	1
Eglinton-Lawrence	135	5	Scarborough-Rouge Park	197	1
Etobicoke Centre	28,278	216	Thornhill	159	6
Etobicoke North	721	32	Toronto-Danforth	1	1
Etobicoke North (Nord)	1	1	Toronto-St. Paul's	130	14
Etobicoke-lakeshore	5,758	176	University-Rosedale	54	7
Humber River-Black Creek	297	35	Vaughan-Woodbridge	245	7
King-Vaughan	210	7	Wellington-Halton Hills	10,494	23
Markham-Stouffville	2	2	Willowdale	92	16
Markham-Thornhill	7	5	York Centre	63	8
Milton	5,933	24	York South-Weston	254	15
Mississauga Centre	18	1	Grand Total	81,248	955
Mississauga East (Est)	2	2			

Complaints by FSA

January to July 2018



Operations

All Movements (Arrivals and Departures)

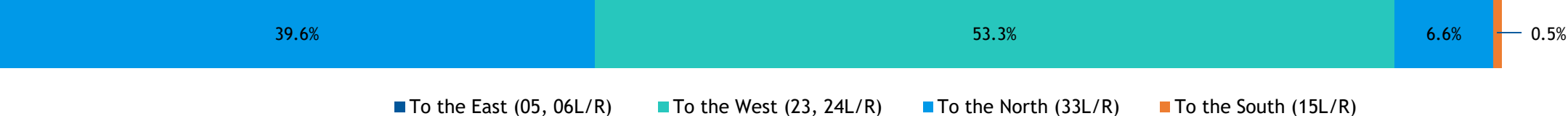
January to July 2018

Runway	Arrivals	Departures	Total
05	38,024	13,186	51,210
06L	10,960	40,312	51,272
06R	6,709	890	7,599
15L	946	701	1,647
15R	532	42	574
23	27,643	46,246	73,889
24L	11,278	741	12,019
24R	34,974	26,120	61,094
33L	6,191	364	6,555
33R	669	8,655	9,324
Grand Total	137,926	137,257	275,183

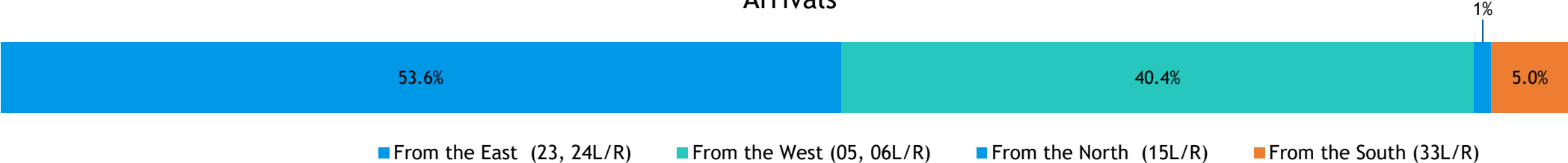
Operations by Direction

January to July 2018

Departures

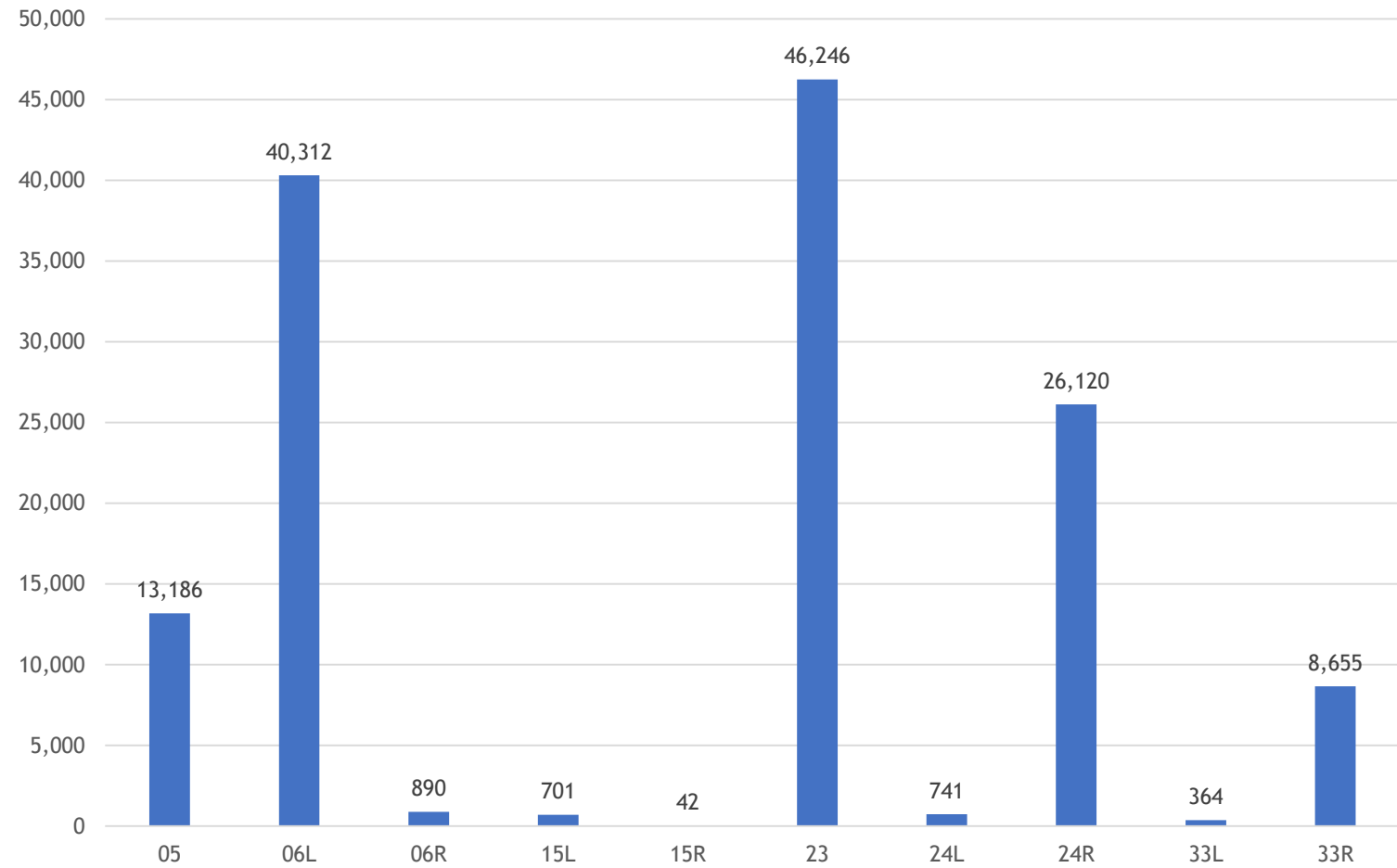
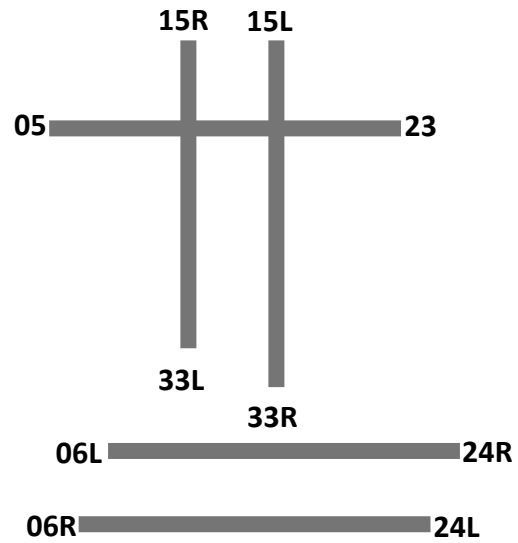


Arrivals



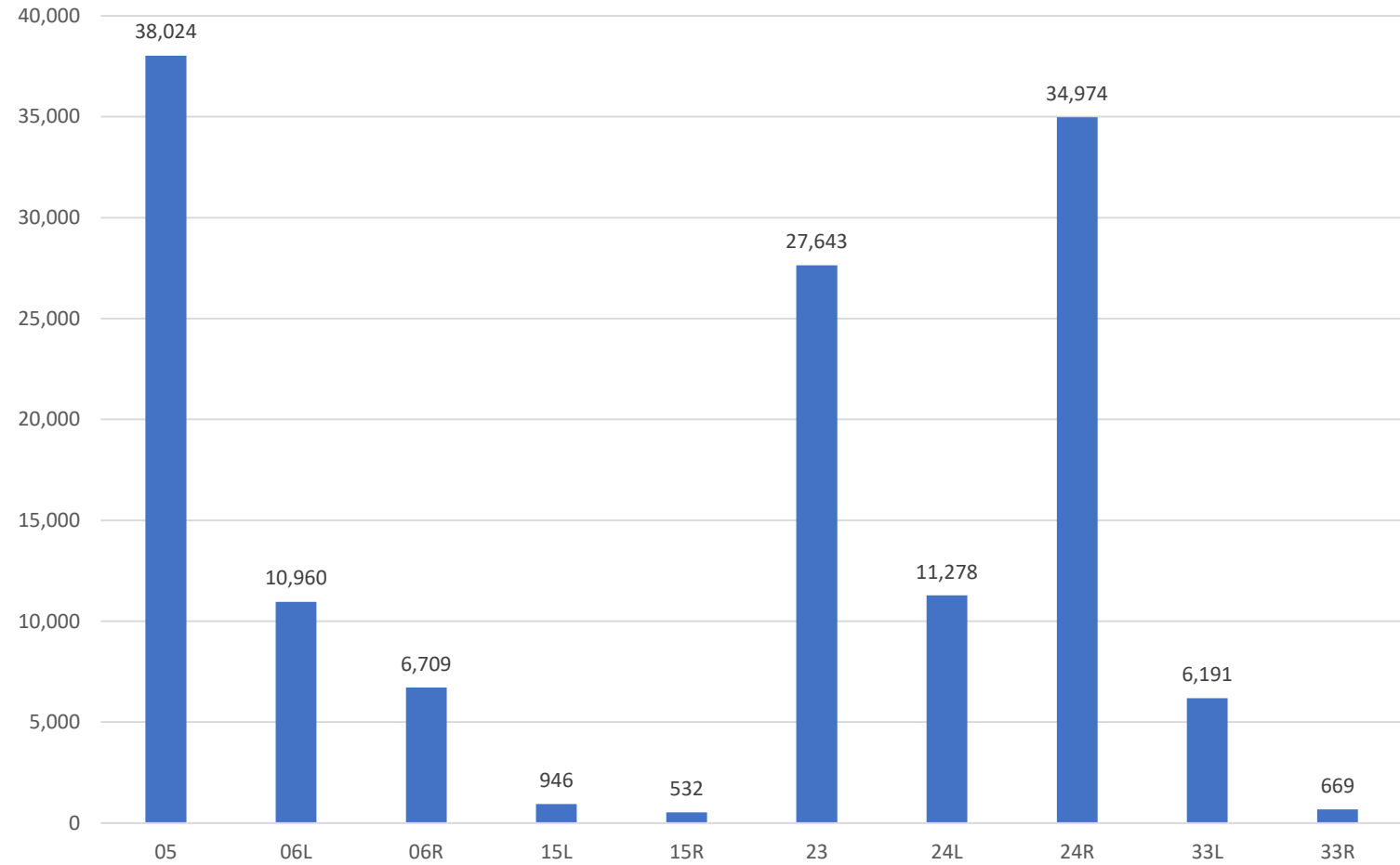
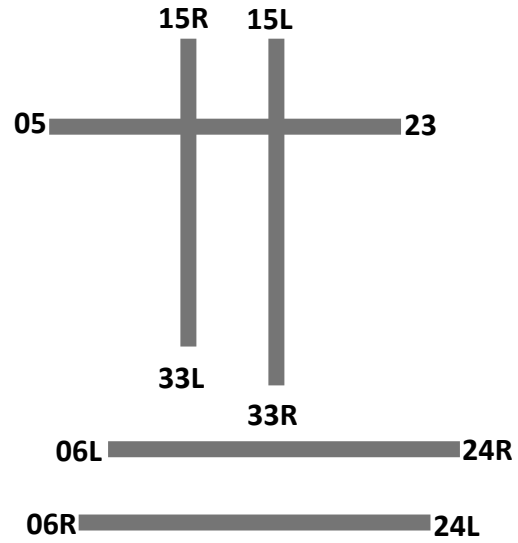
Departures by Runway

January to July 2018



Arrivals by Runway

January to July 2018



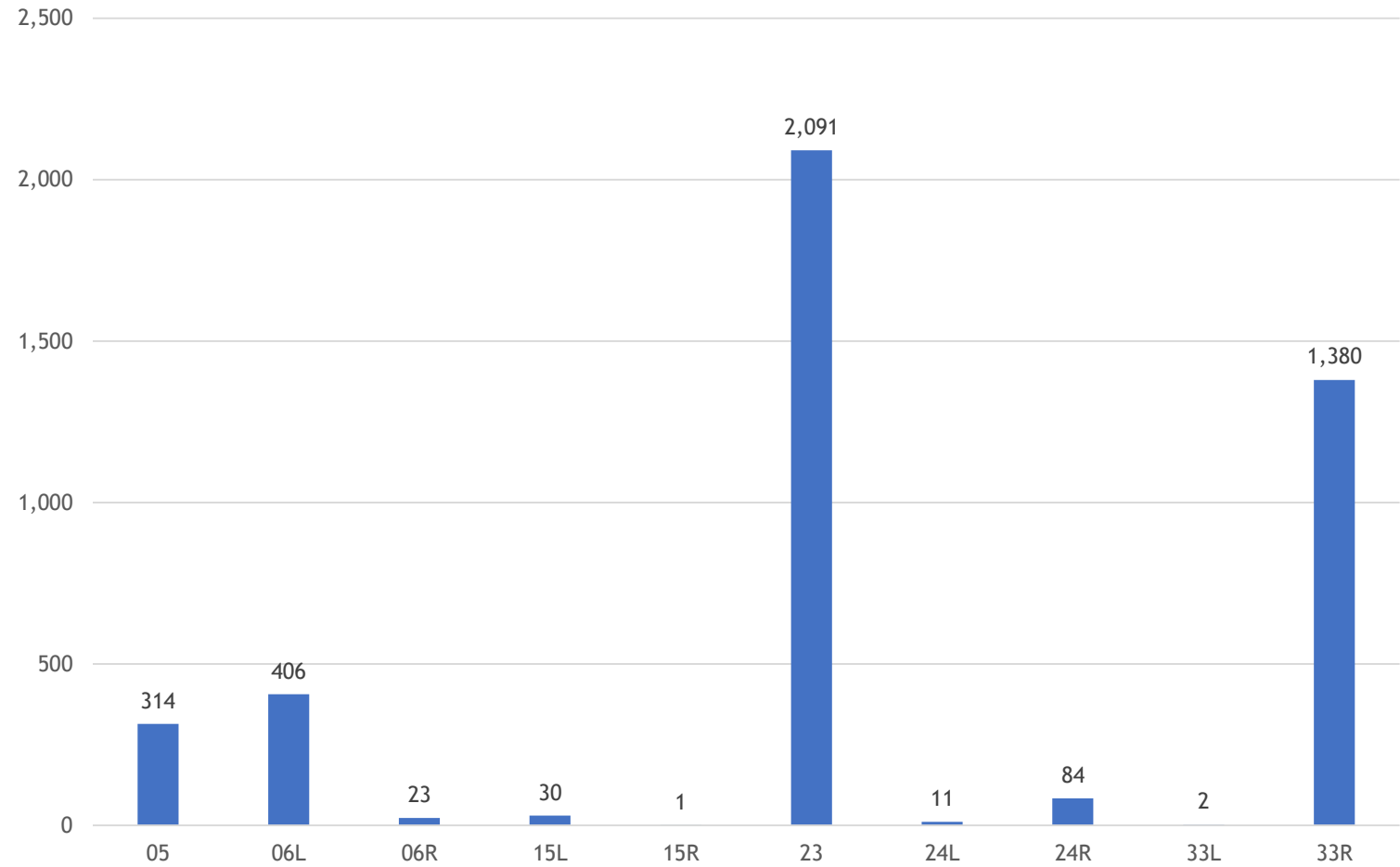
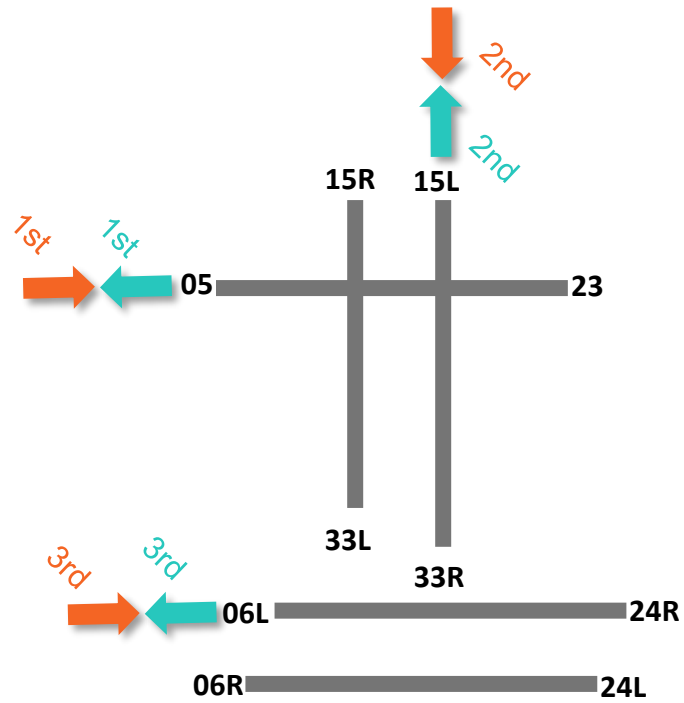
Preferential Hours (Arrivals and Departures)

January to July 2018

Runway	Arrivals	Departures	Total
05	3,998	314	4,312
06L	355	406	761
06R	16	23	39
15L	834	30	864
15R	2	1	3
23	3,273	2,091	5,364
24L	43	11	54
24R	551	84	635
33L	255	2	257
33R	167	1,380	1,547
Grand Total	9,494	4,342	13,836

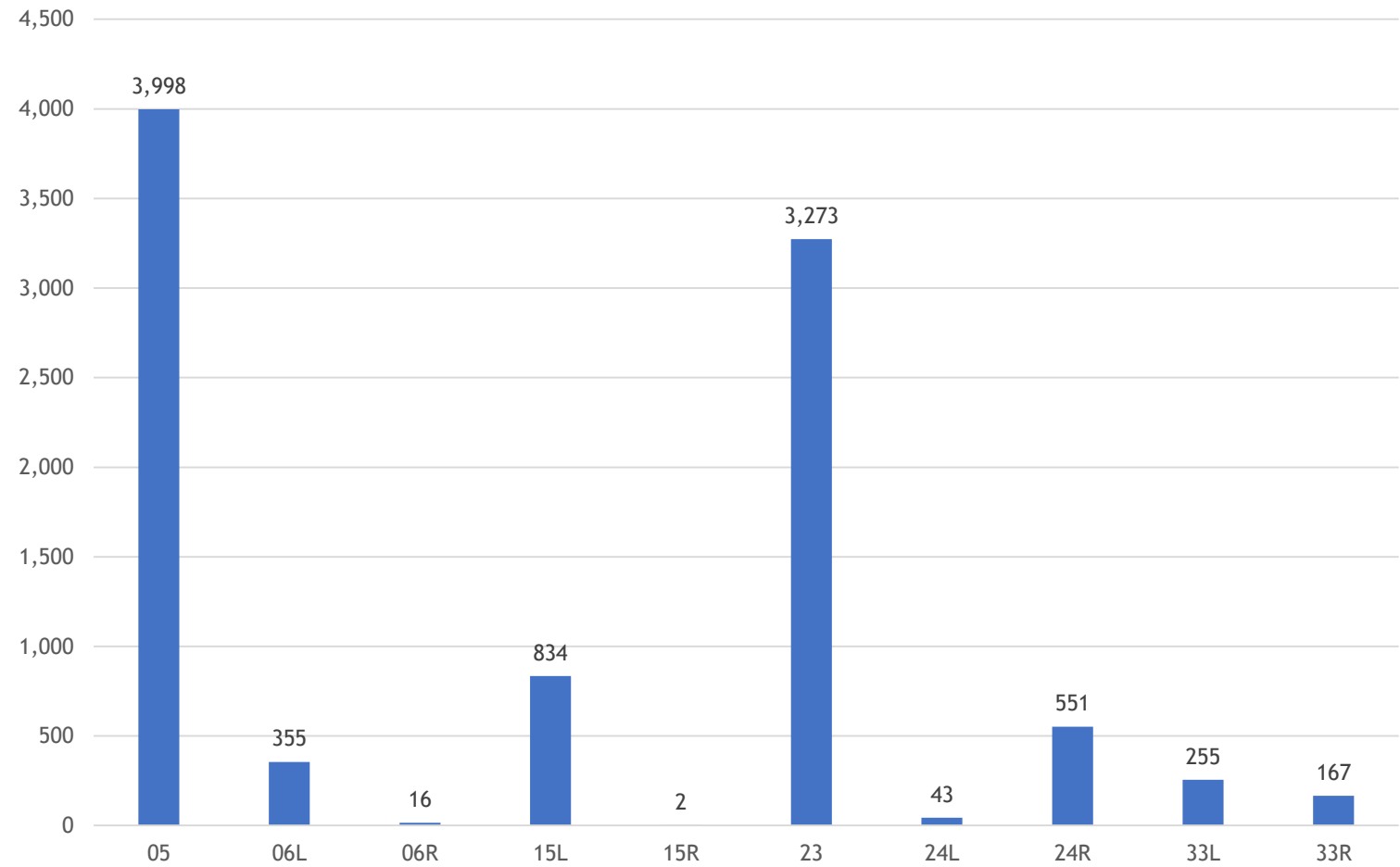
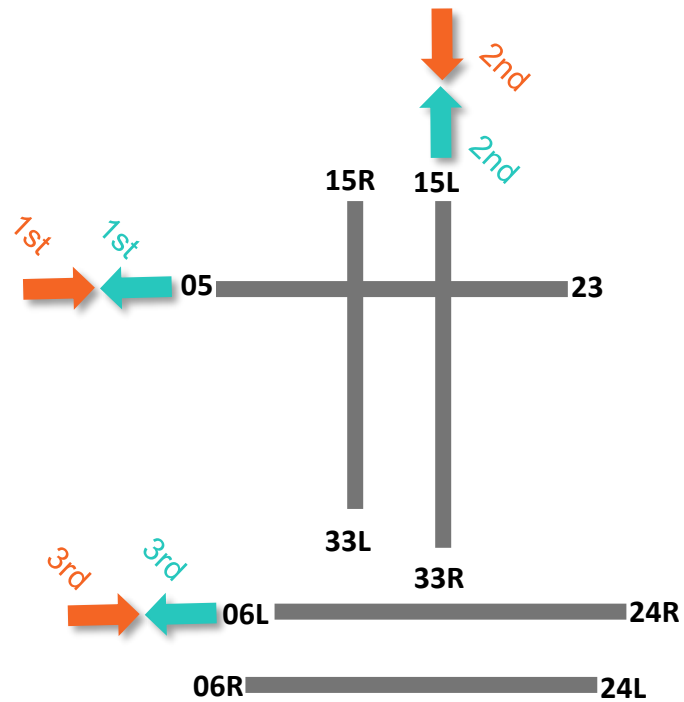
Departures by Runway

January to July 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
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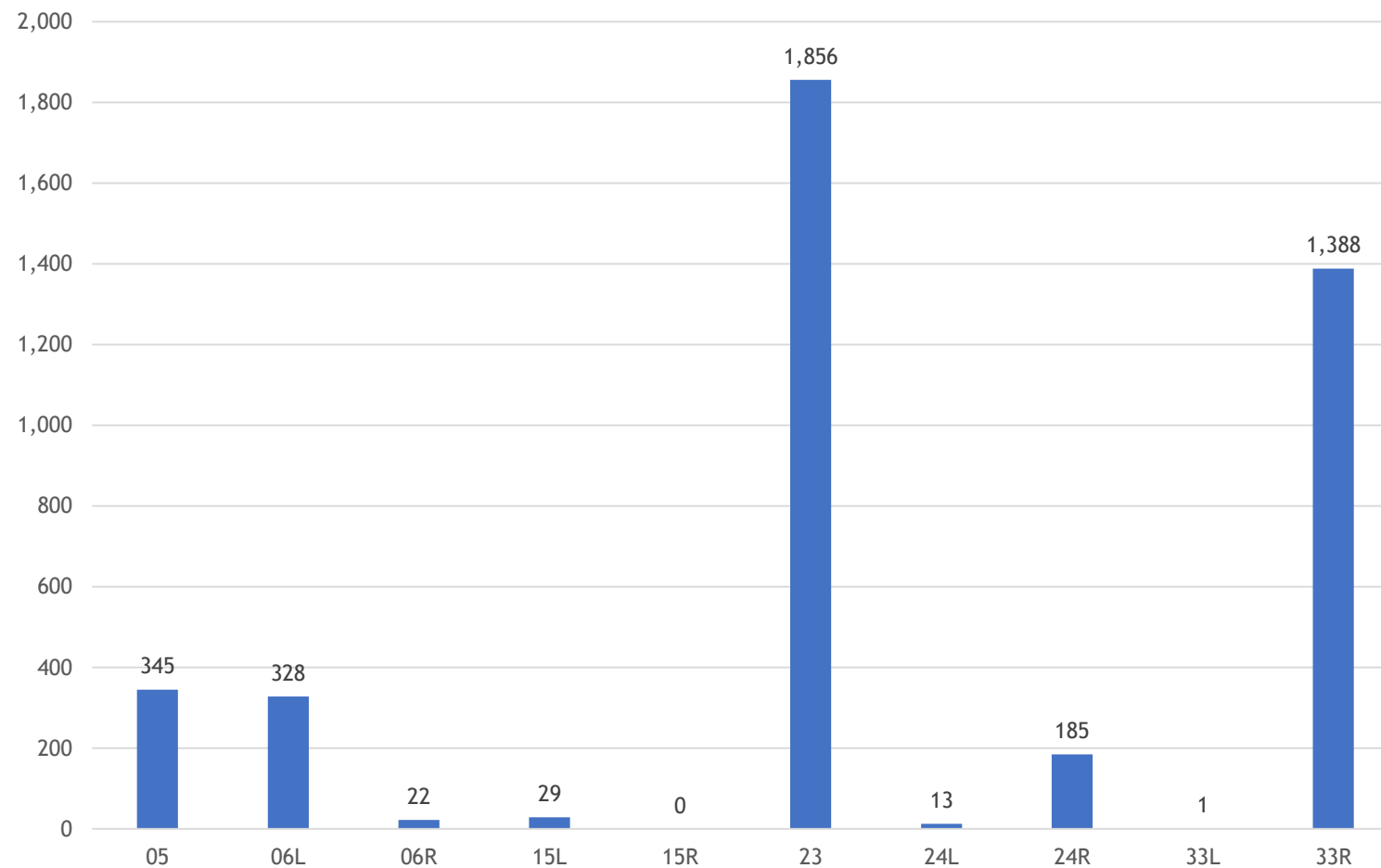
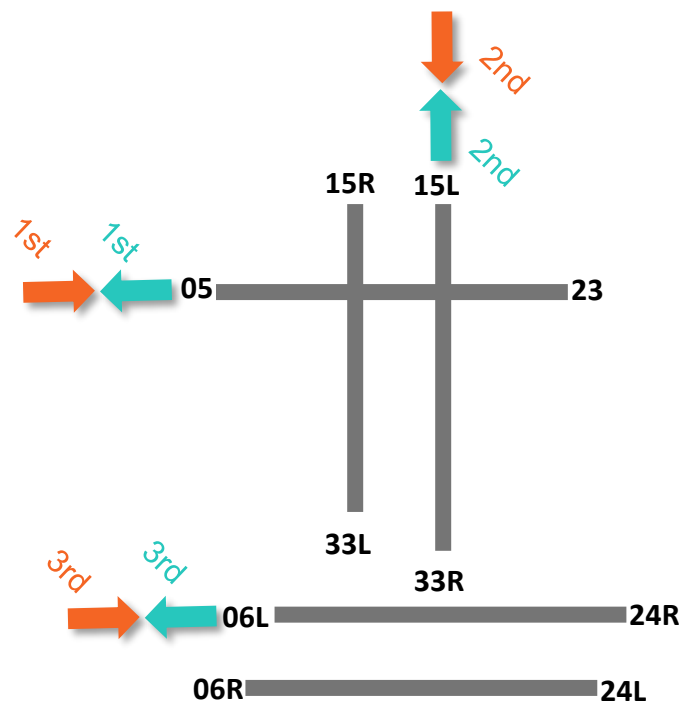
Restricted Hours (Arrivals and Departures)

November 2017 to July 2018

Runway	Arrivals	Departures	Total
05	3,777	345	4,122
06L	422	328	750
06R	13	22	35
15L	835	29	864
15R	3	0	3
23	3,386	1,856	5,242
24L	29	13	42
24R	531	185	716
33L	164	1	165
33R	265	1,388	1,653
Grand Total	9,425	4,167	13,592

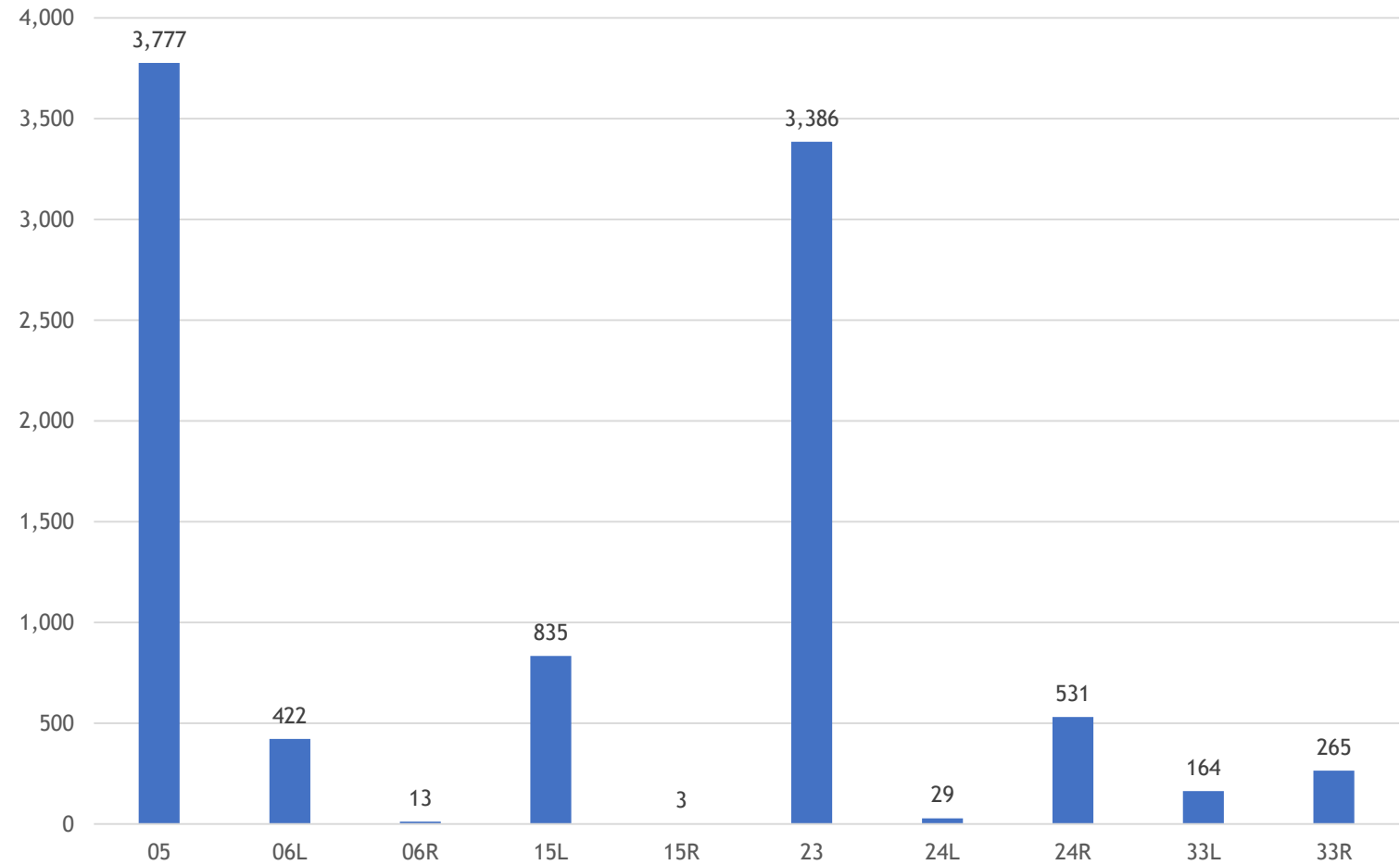
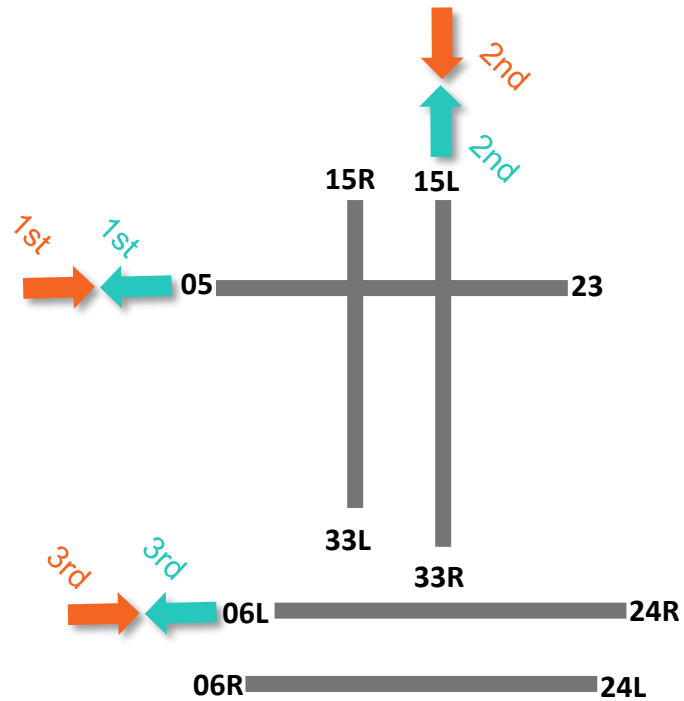
Night Flight Restriction Program - Departures

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



Night Flight Restriction Program - Arrivals





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

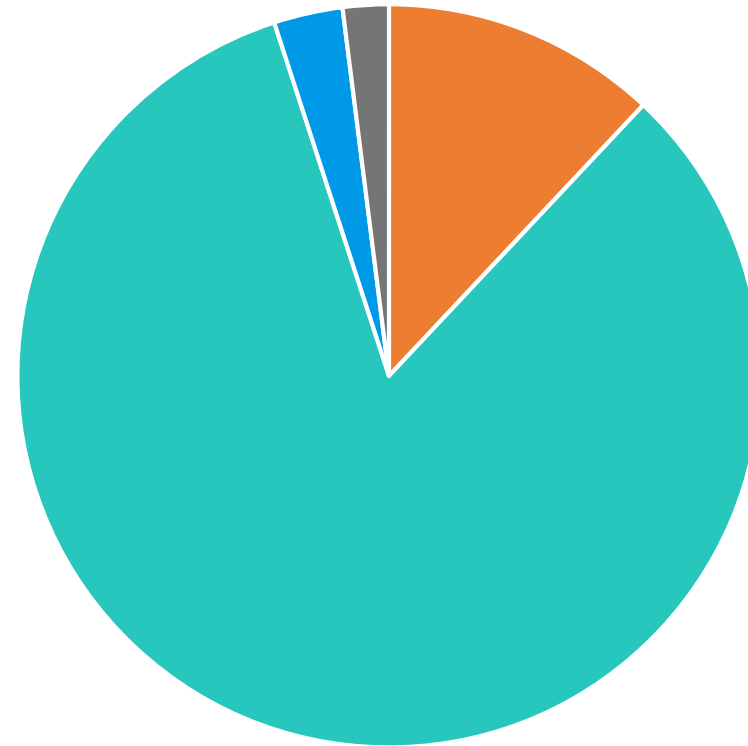


Night Flight Usage by Operation Type

November 2017 to July 2018

(estimates)

Type	Percent
 Cargo	12%
 Airline/Passenger	83%
 General Aviation	3%
 Other (e.g. Med)	2%
Total	100%



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

Enforcement

Enforcement Investigations

November 2017 to July 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	96	44
Noise Abatement Procedures	22	8
Total	118	52

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 July 31, 2018

- 3,055 eligible jet aircraft (16%) made early turns on the north/south runways
- 145 complaints are attributed to this trial between March 3, 2008 to July 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 July 31, 2018

- 4,343 props (86%) turned between 6:30 and 6:59 a.m.
- 12,005 props (83%) turned between 11:01 and 11:30 p.m.
- 1,022 complaints are attributed to this trial between March 3, 2008 to July 31, 2018.