



NOISE OVERSIGHT COMMITTEE

September 16, 2020

Audio recordings are made of this meeting

AGENDA

1. Consent

1.1. Approval of July 15, 2020 Meeting Minutes

1.2. Reports

1.2.1. Monthly Operations Reports: July and August 2020

2. Public Comment Period

3. Business

3.1 Flight Procedure Change Request Guidelines

4. Information

4.1 FAA Report to Congress – Community Involvement in FAA NextGen projects located in metroplexes

4.2 FAA Great Lakes Region Noise Complaint Initiative

4.3 Eagan Flight Procedure Change Request Update

4.4 Runways 12L and 12R Nighttime Arrivals Operations Report

4.5 2021 Draft NOC Work Plan

4.6 Review of Summer Listening Session

5. Announcements

6. Adjourn



NOISE OVERSIGHT COMMITTEE
SEPTEMBER 16, 2020

ITEM 1

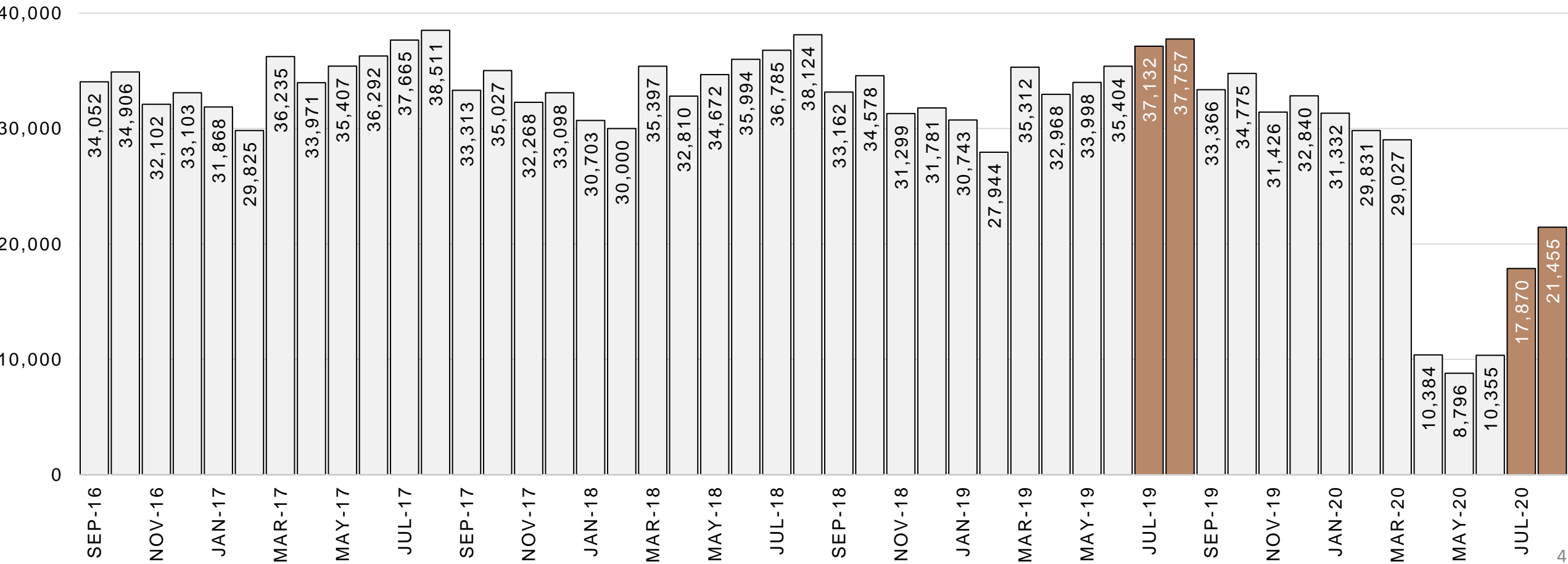
1.2.1 MONTHLY OPERATIONS REPORTS: JULY AND AUGUST 2020



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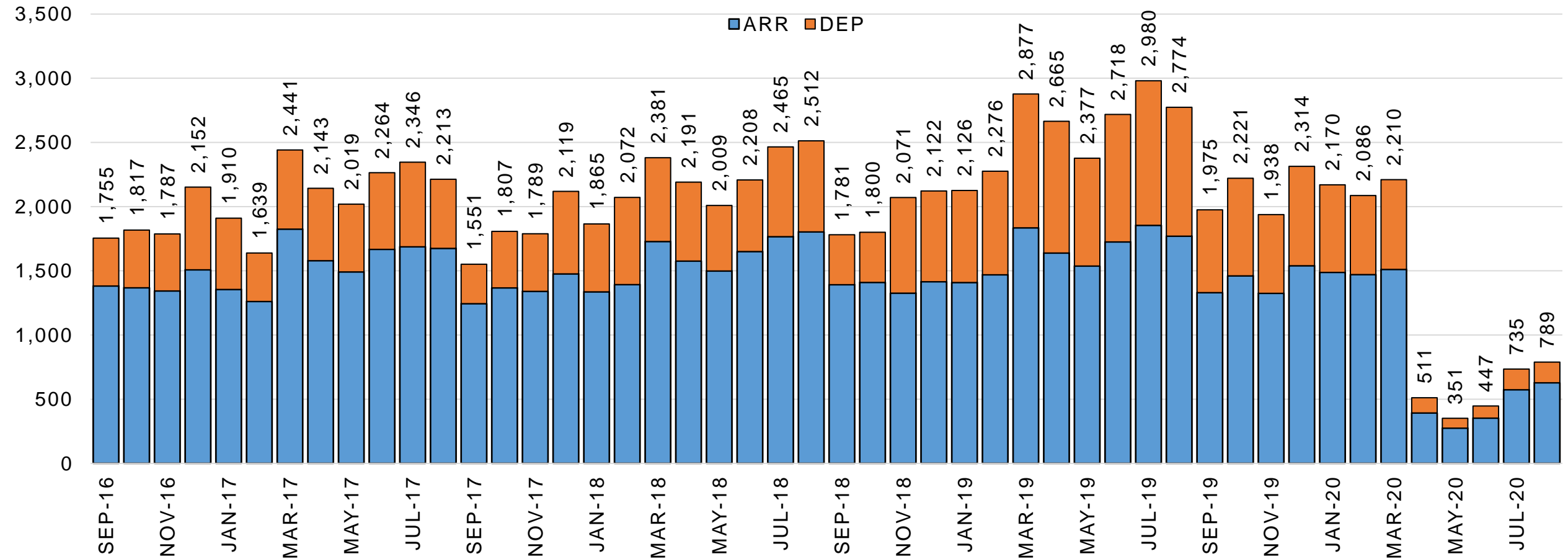
MSP OPERATIONS

July 2020		August 2020	
17,870	735	21,455	789
Operations	Nighttime Operations (10:30 PM – 6:00 AM)	Operations	Nighttime Operations (10:30 PM – 6:00 AM)



MSP OPERATIONS

JULY 2020		AUGUST 2020	
17,870 Operations	735 Nighttime Operations (10:30 PM – 6:00 AM)	21,455 Operations	789 Nighttime Operations (10:30 PM – 6:00 AM)



RUNWAY USE

JULY 2020		
NORTH FLOWS	SOUTH FLOWS	MIXED FLOWS
38%	51%	4%

AUGUST 2020		
NORTH FLOWS	SOUTH FLOWS	MIXED FLOWS
40%	52%	2%

2019 JAN – AUG		
NORTH FLOWS	SOUTH FLOWS	MIXED FLOWS
36%	45%	13%

2020 JAN – AUG		
NORTH FLOWS	SOUTH FLOWS	MIXED FLOWS
41%	45%	6%

North Flow



South Flow



Mixed Flow



JULY – AUG RUNWAY USE

39,325
OPERATIONS IN JULY – AUG

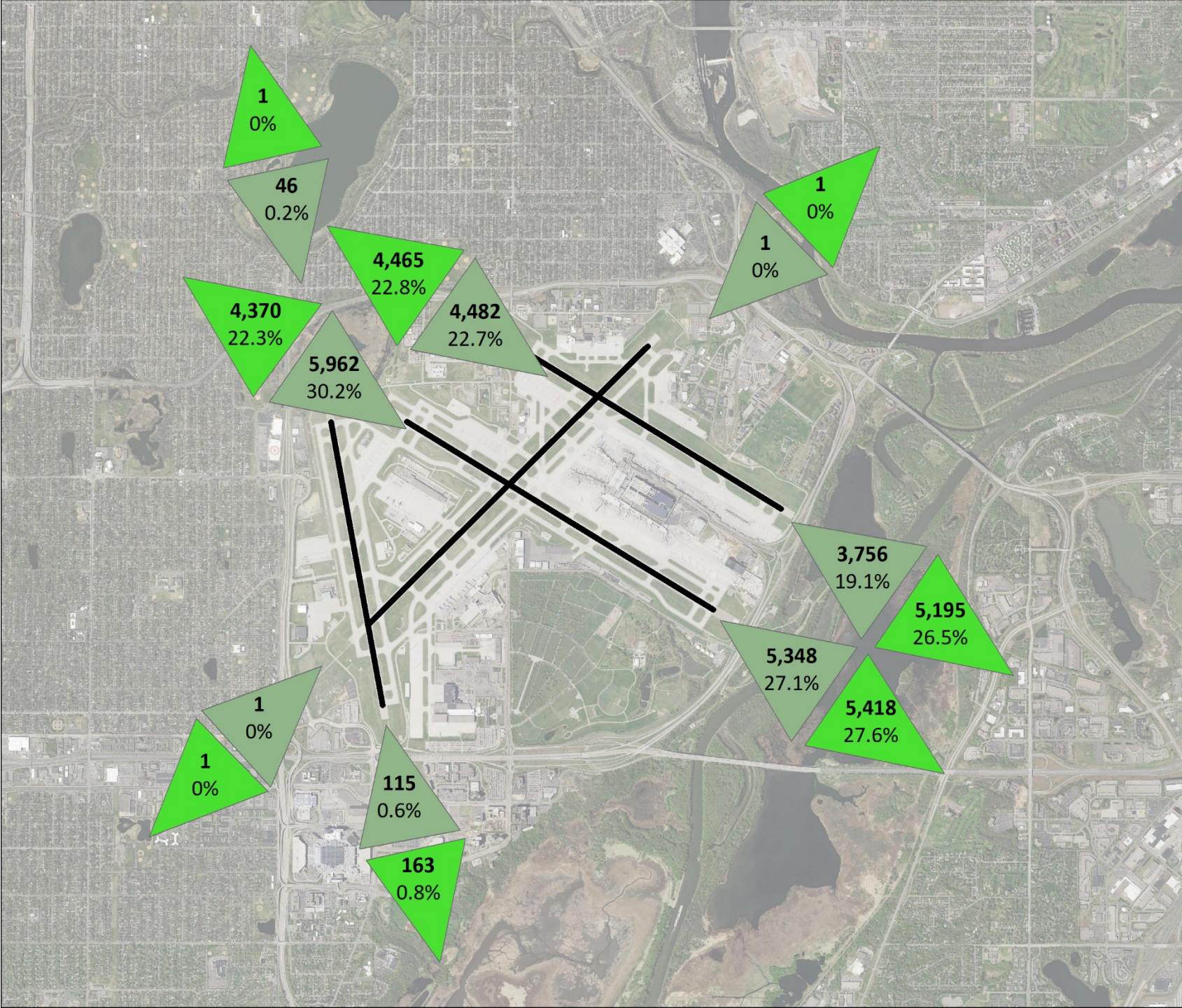
PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4
50%	1%	0%	49%

19,711
ARRIVALS

PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4
46%	1%	0%	53%

19,614
DEPARTURES

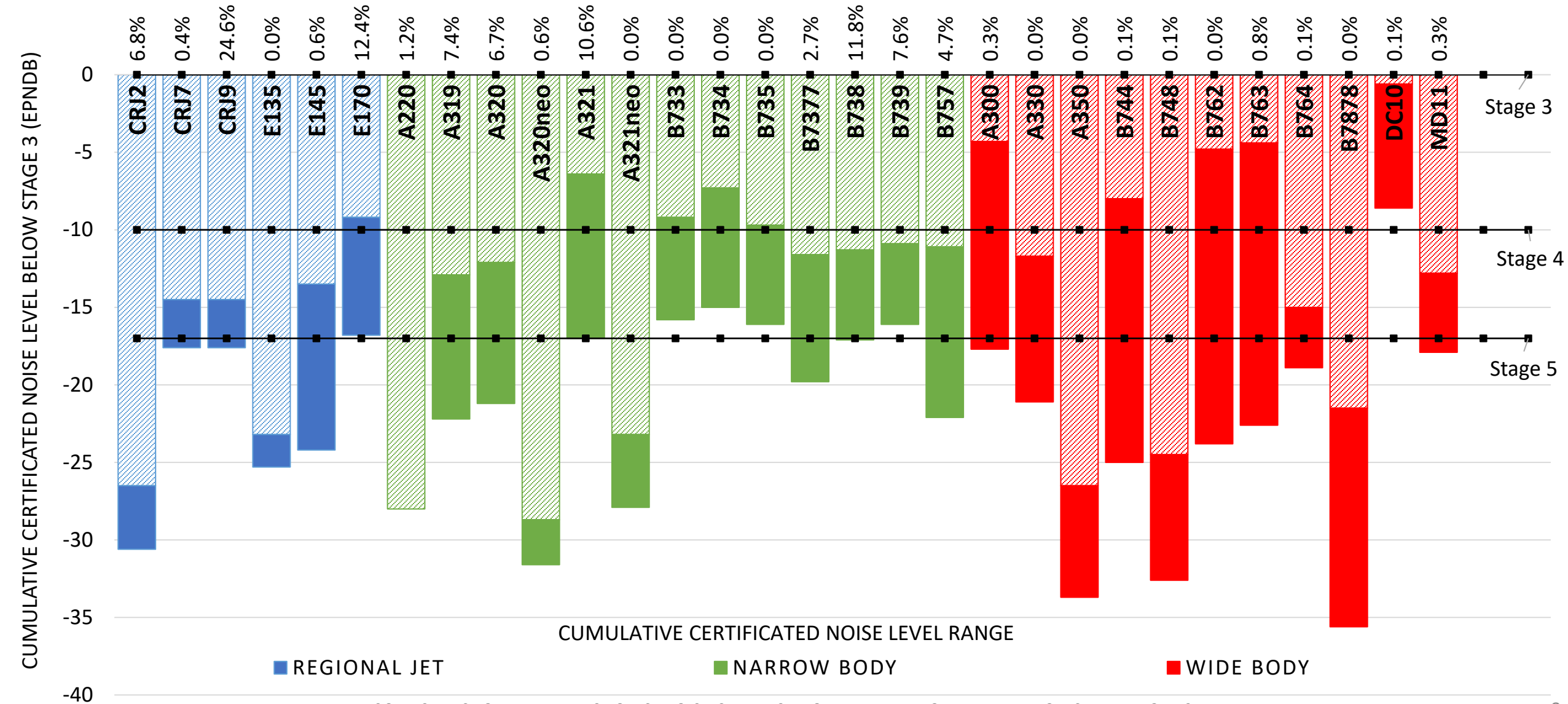
PRIORITY 1	PRIORITY 2	PRIORITY 3	PRIORITY 4
54%	1%	0%	45%



MSP OPERATIONS

2020 MSP CARRIER JET USAGE WITH CUMULATIVE CERTIFICATED NOISE LEVELS

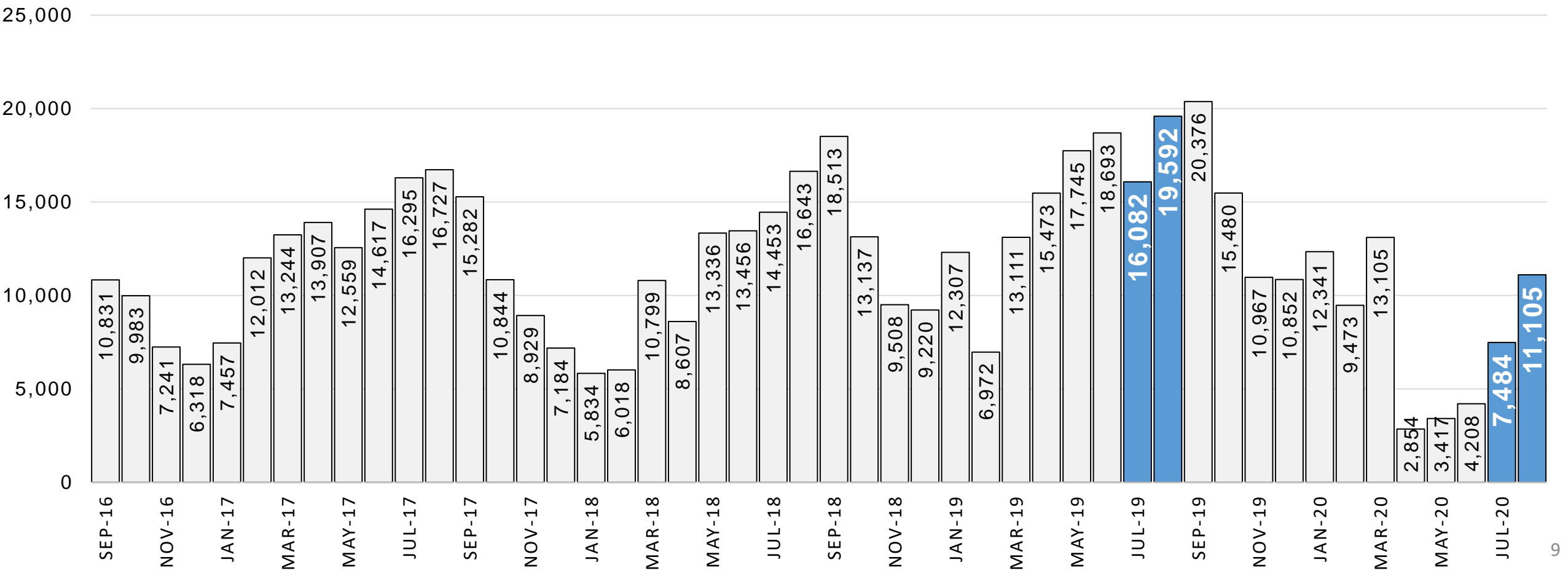
Jul - Aug



SOURCE: USAGE DATA: MACNOMS; NOISE CERTIFICATION DATA: EUROPEAN AVIATION SAFETY AGENCY

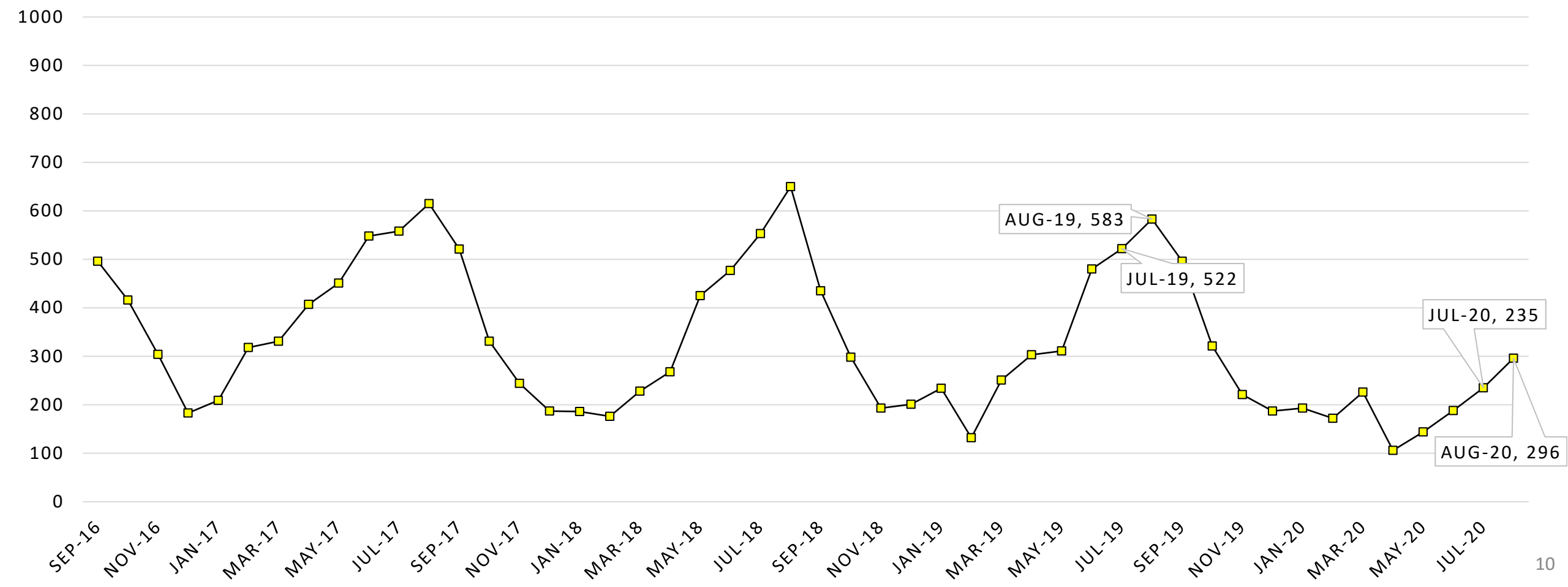
MSP COMPLAINTS

JULY 2020				AUG 2020			
COMPLAINTS	LOCATIONS			COMPLAINTS	LOCATIONS		
7,484	235			11,105	296		
Operations per Complaint	New Locations	Average	Median	Operations per Complaint	New Locations	Average	Median
2.4	17	32	4	1.9	49	38	3



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Operations per Complaint	New Locations	Average	Median	Operations per Complaint	New Locations	Average	Median
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TOP 10 LOCATIONS

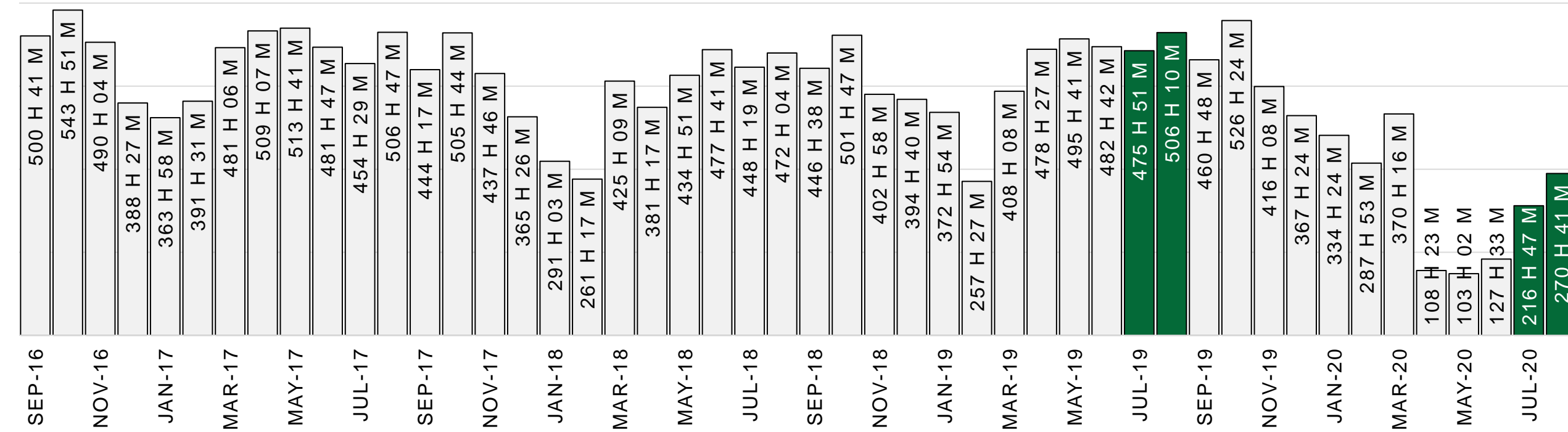
FILED
9,185
(49%)
COMPLAINTS DURING JULY & AUG

6 OF 10
HOUSEHOLDS WERE IN THE TOP 10
FOR MAY – JUNE

251
(68%)
HOUSEHOLDS FILED 10 OR FEWER
COMPLAINTS

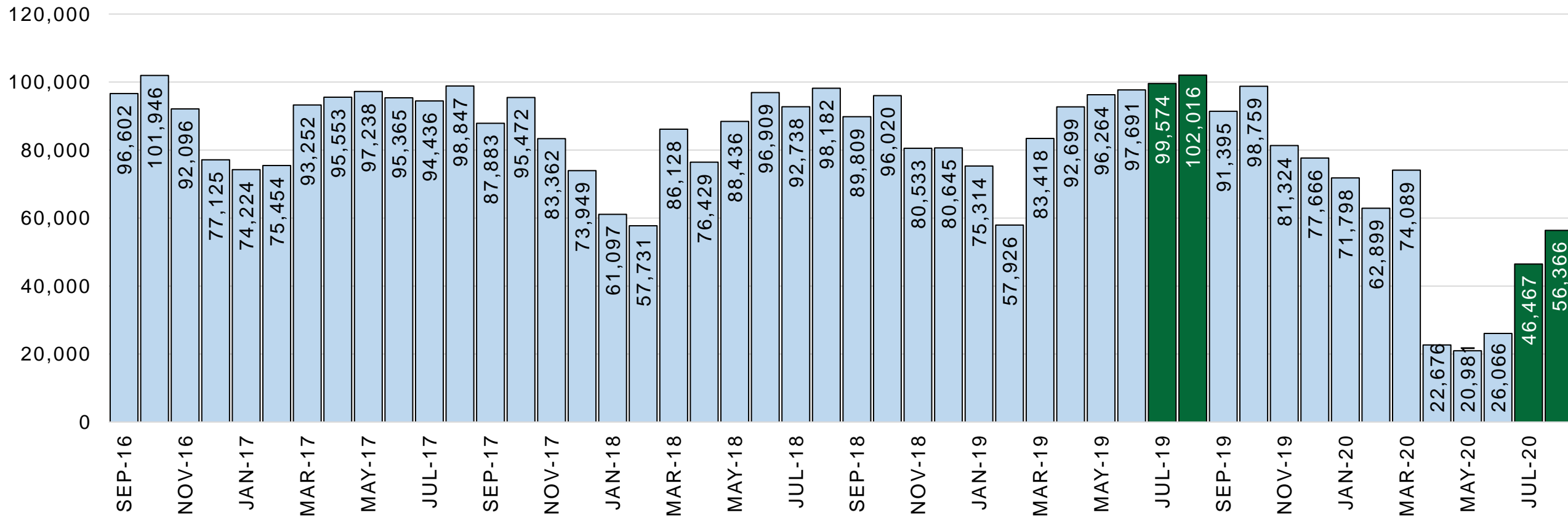
SOUND MONITORING

JULY 2020			AUG 2020		
Time Above	44 _s TA ⁶⁵ per operation	216 _h 47 _m TA ⁶⁵	Time Above	44 _s TA ⁶⁵ per operation	270 _h 41 _m TA ⁶⁵
Count Above	2.6 N ⁶⁵ per operation	46,467 N ⁶⁵	Count Above	2.63 N ⁶⁵ per operation	56,366 N ⁶⁵



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NOISE ABATEMENT

JULY 2020

AUGUST 2020

Runway 17 **97.4%**

Runway 17 **100%**

Corridor **96.6%**

Corridor **96.4%**

Cross Day **29.2%**

Cross Day **21.1%**

Cross Night **63.8%**

Cross Night **50.7%**

RUS

51.5%

Arrive – **47%**

Depart – **56%**

RUS

50.3%

Arrive – **46%**

Depart – **54%**

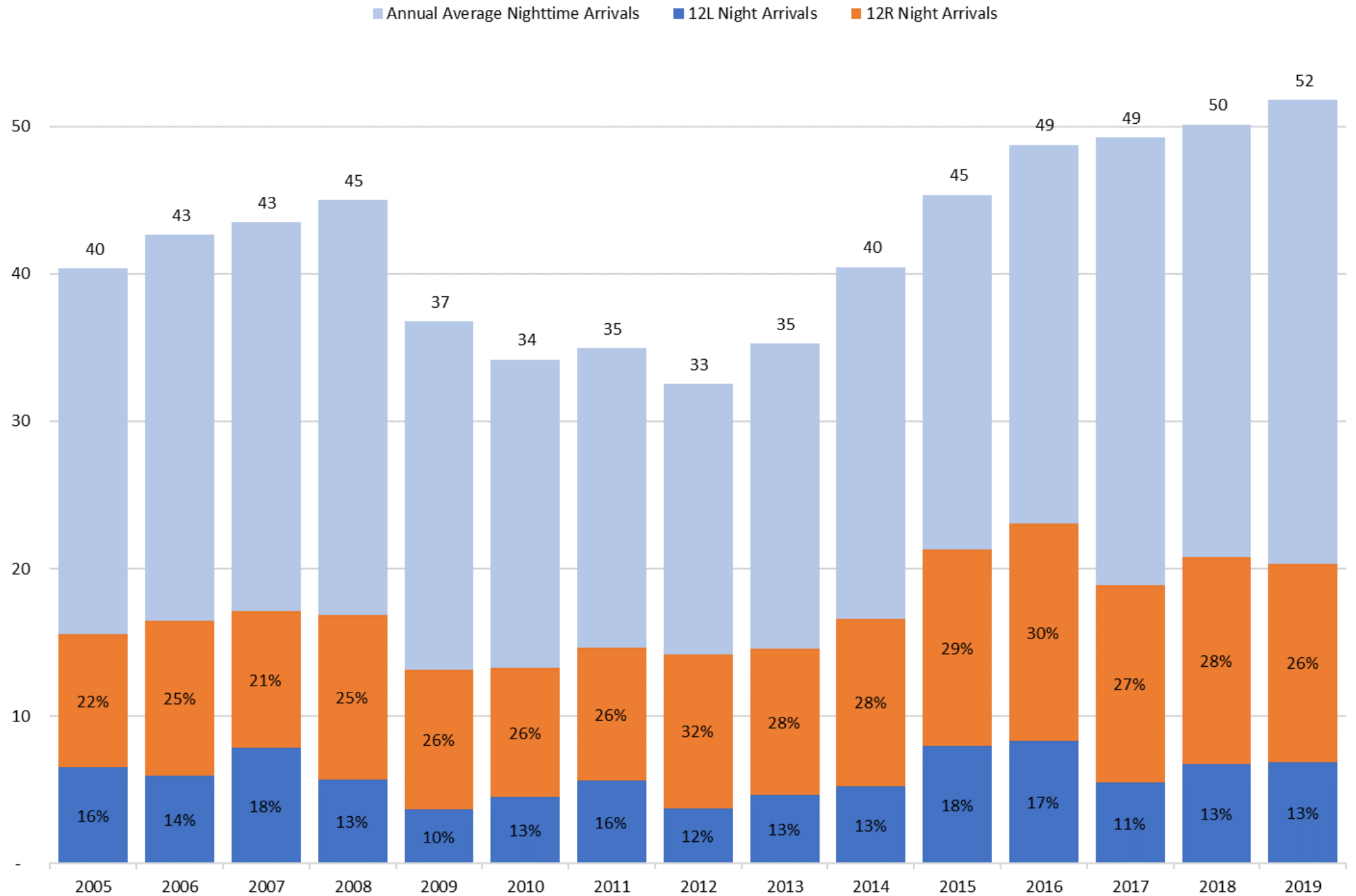
ITEM 4

4.4 RUNWAYS 12L AND 12R NIGHTTIME ARRIVALS OPERATIONS REPORT

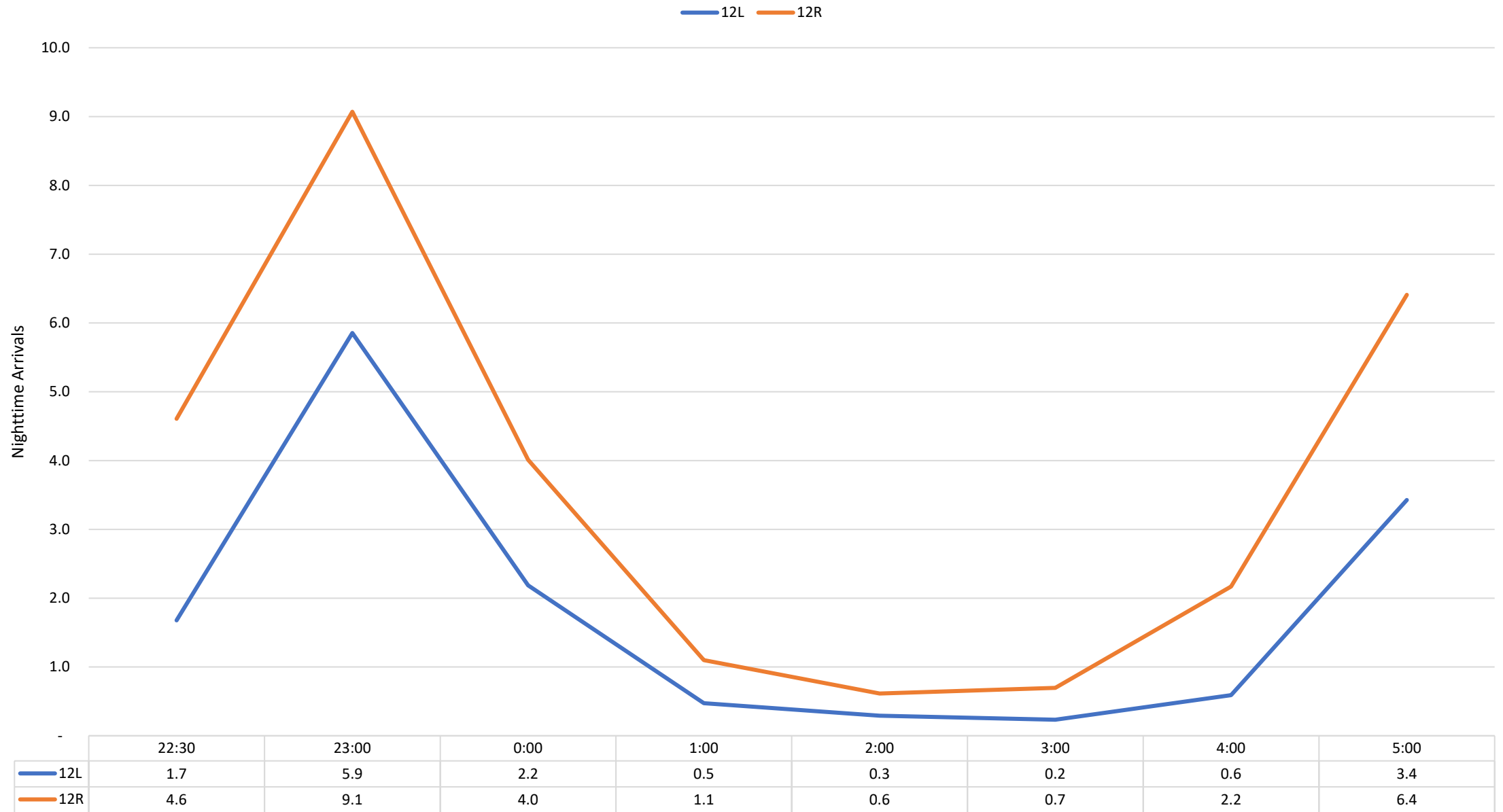


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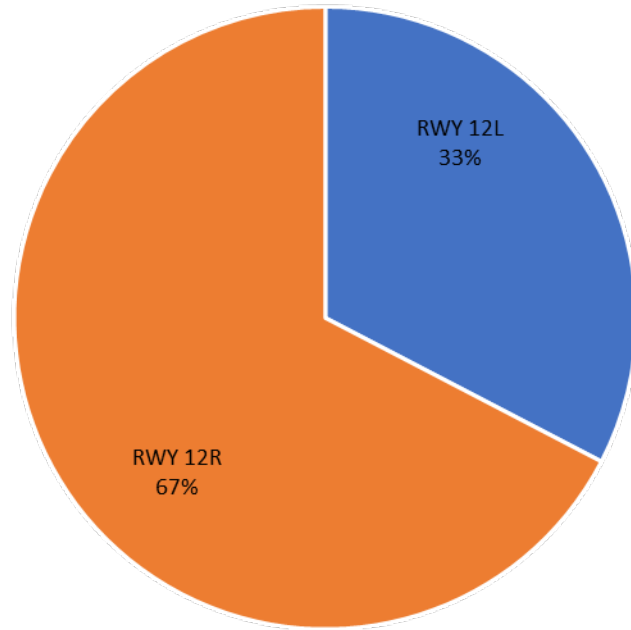
MSP Nighttime Arrivals By Year 2005-2019



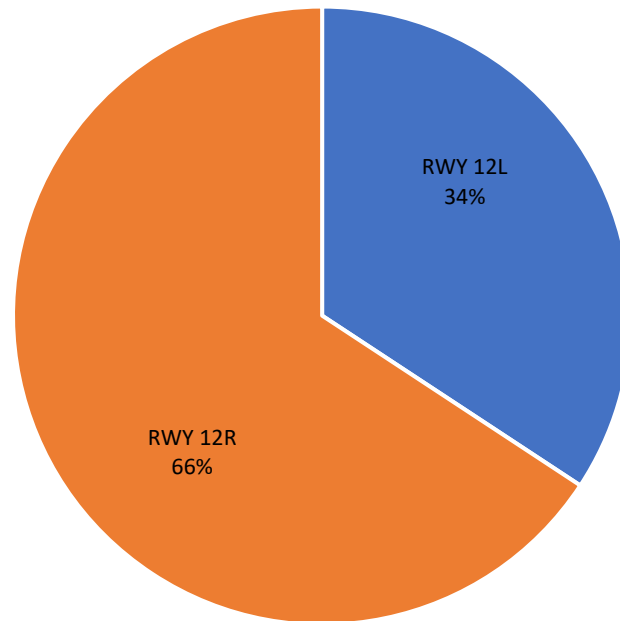
2019 Average Annual Night



2016-2018 NIGHTTIME ARRIVALS

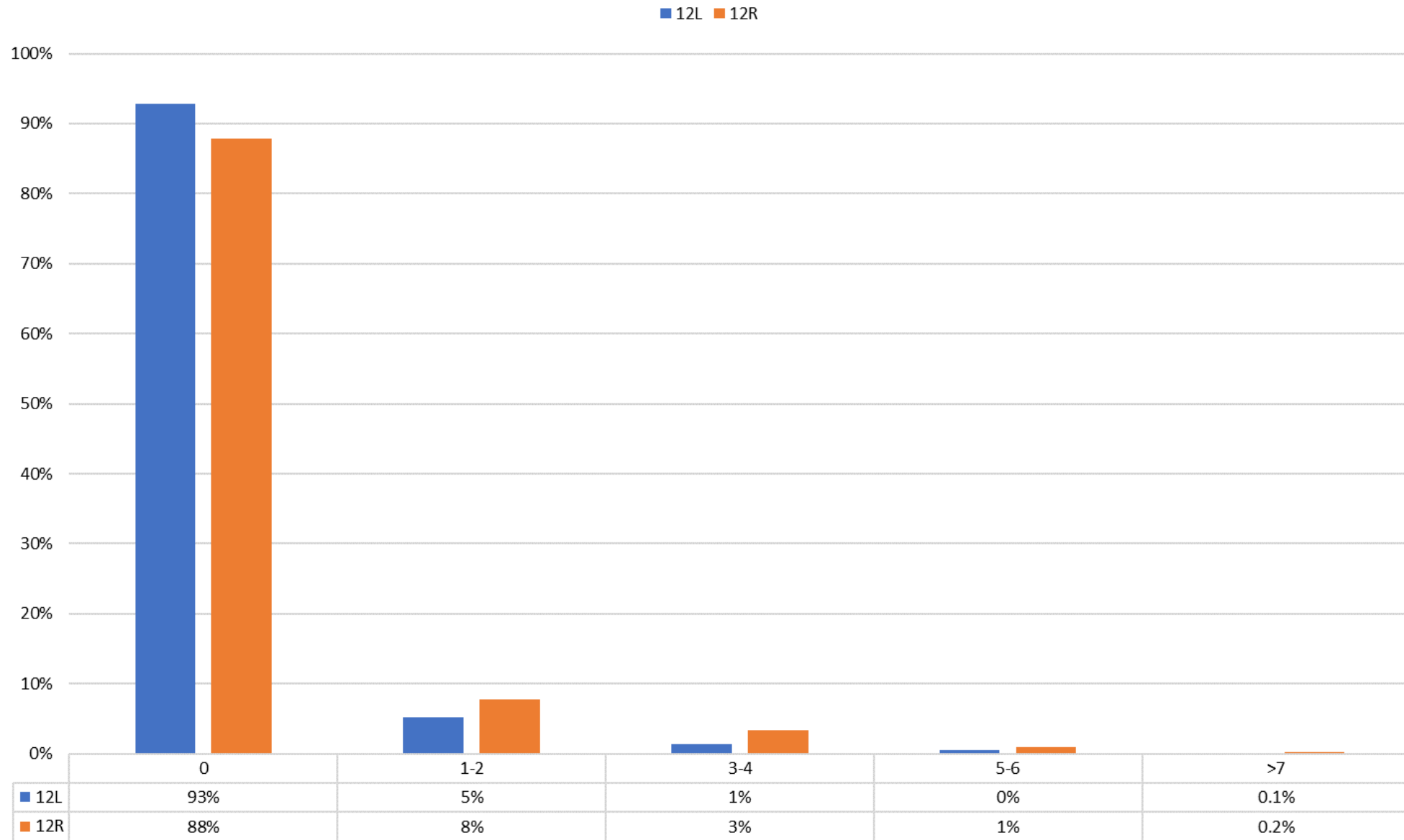


2019 NIGHTTIME ARRIVALS

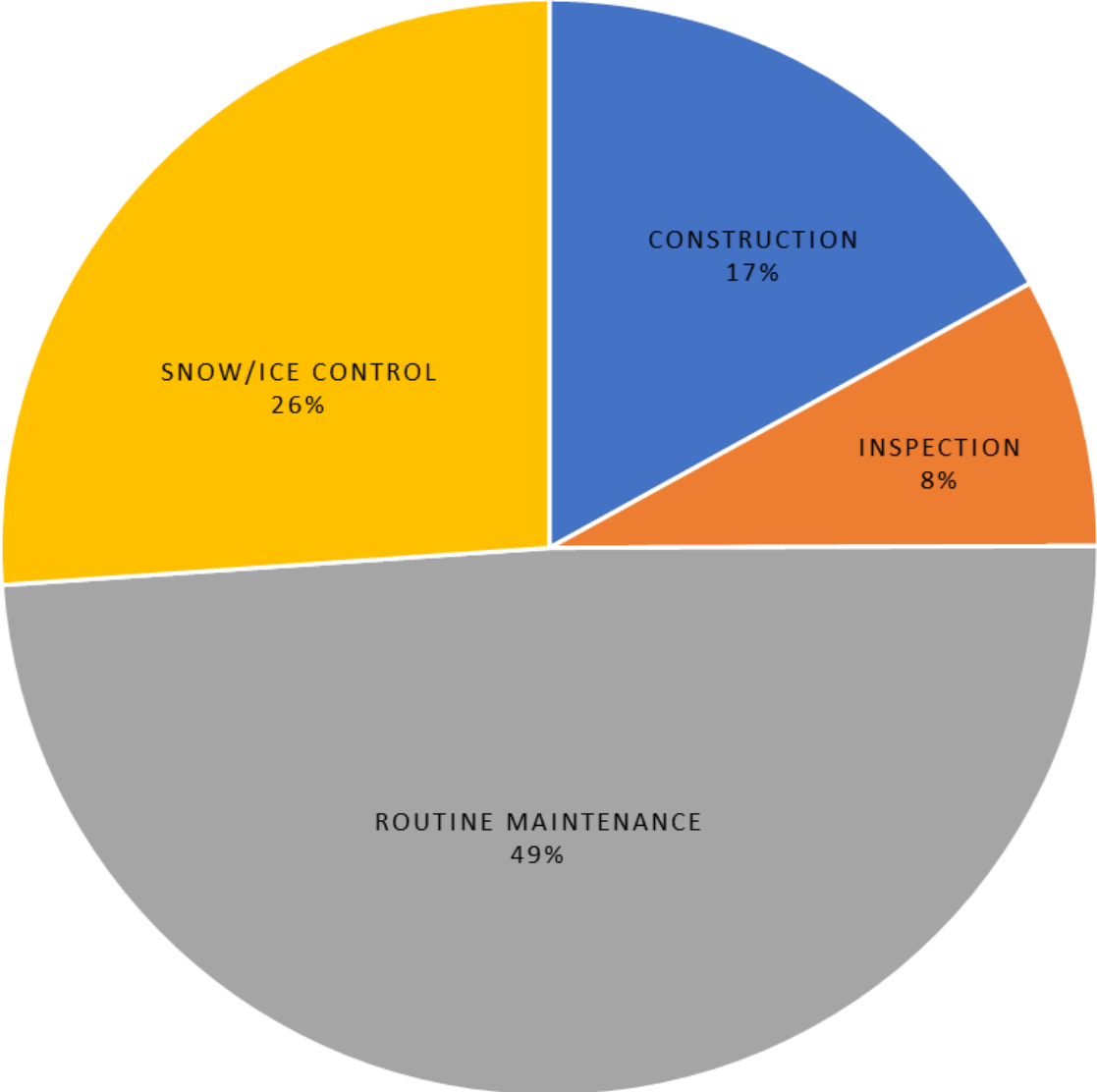


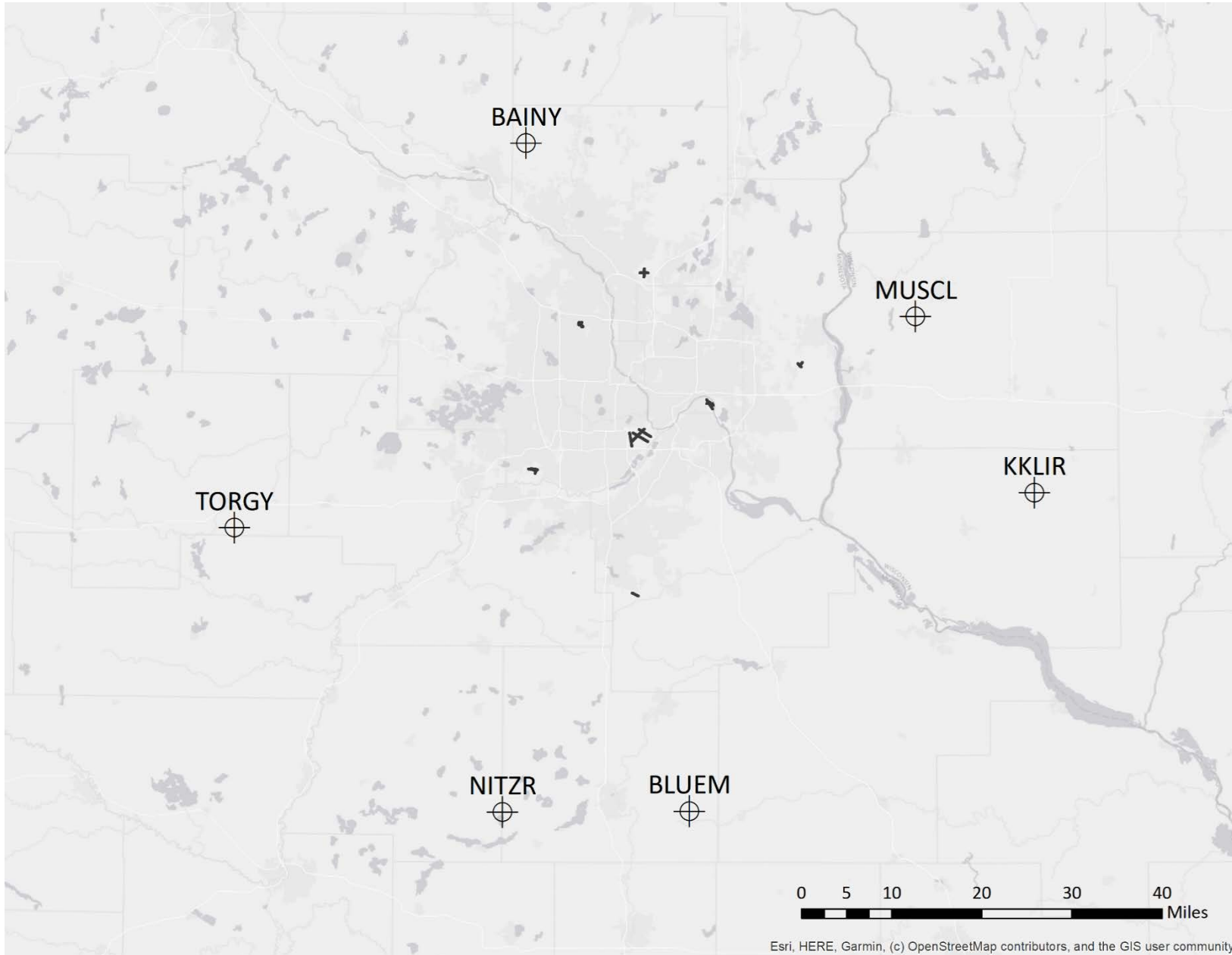
Nighttime Arrivals

2019 15-Minute Nighttime Arrival Use

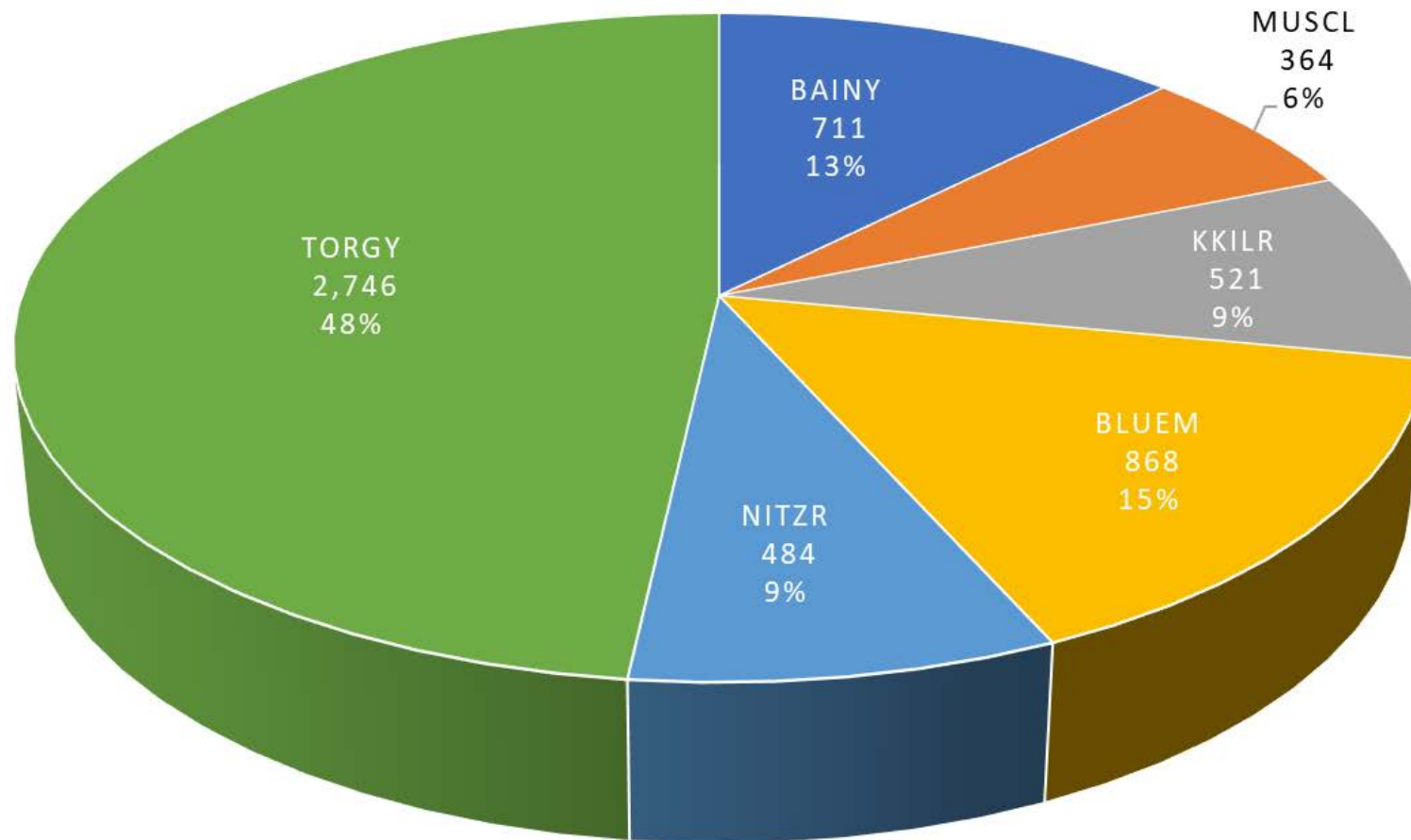


MSP Nighttime Runway Closures (2016-2019)





Standard Terminal Arrival Routes (STARs)



2019 Nighttime Arrivals

STARs Distribution

Runways 12L and 12R

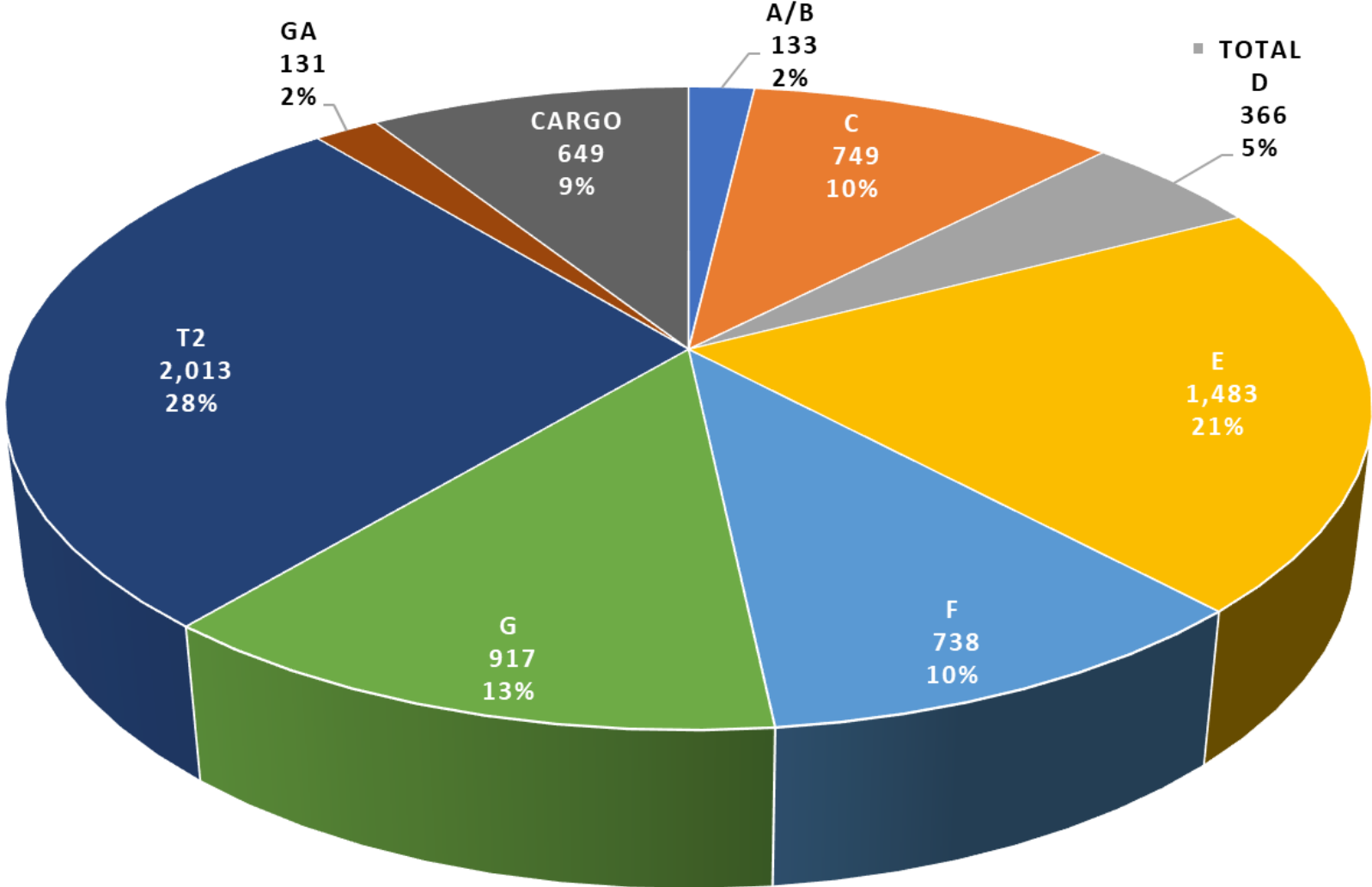
MSP Airport
Parking Locations



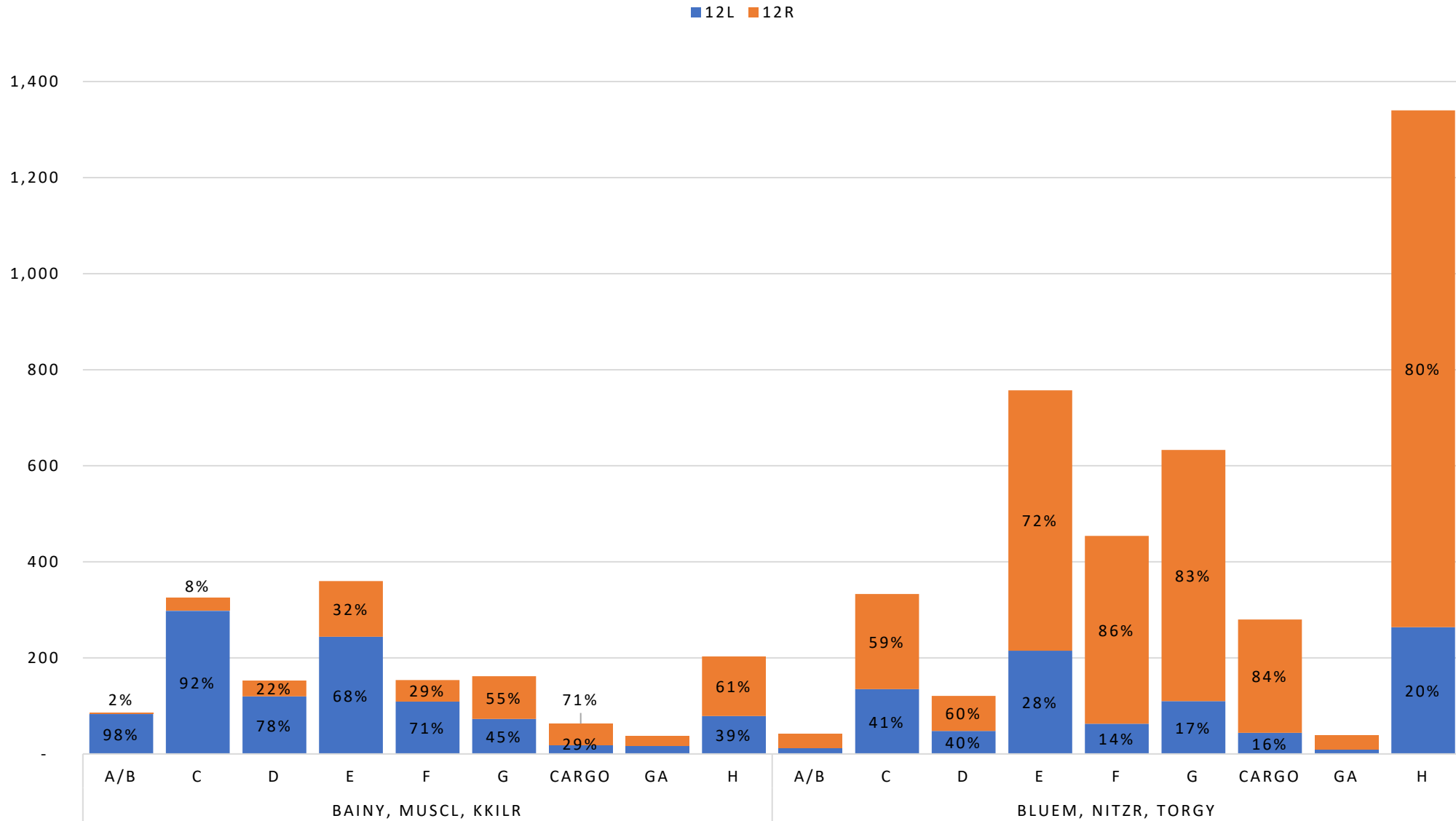
2019 Nighttime Arrivals

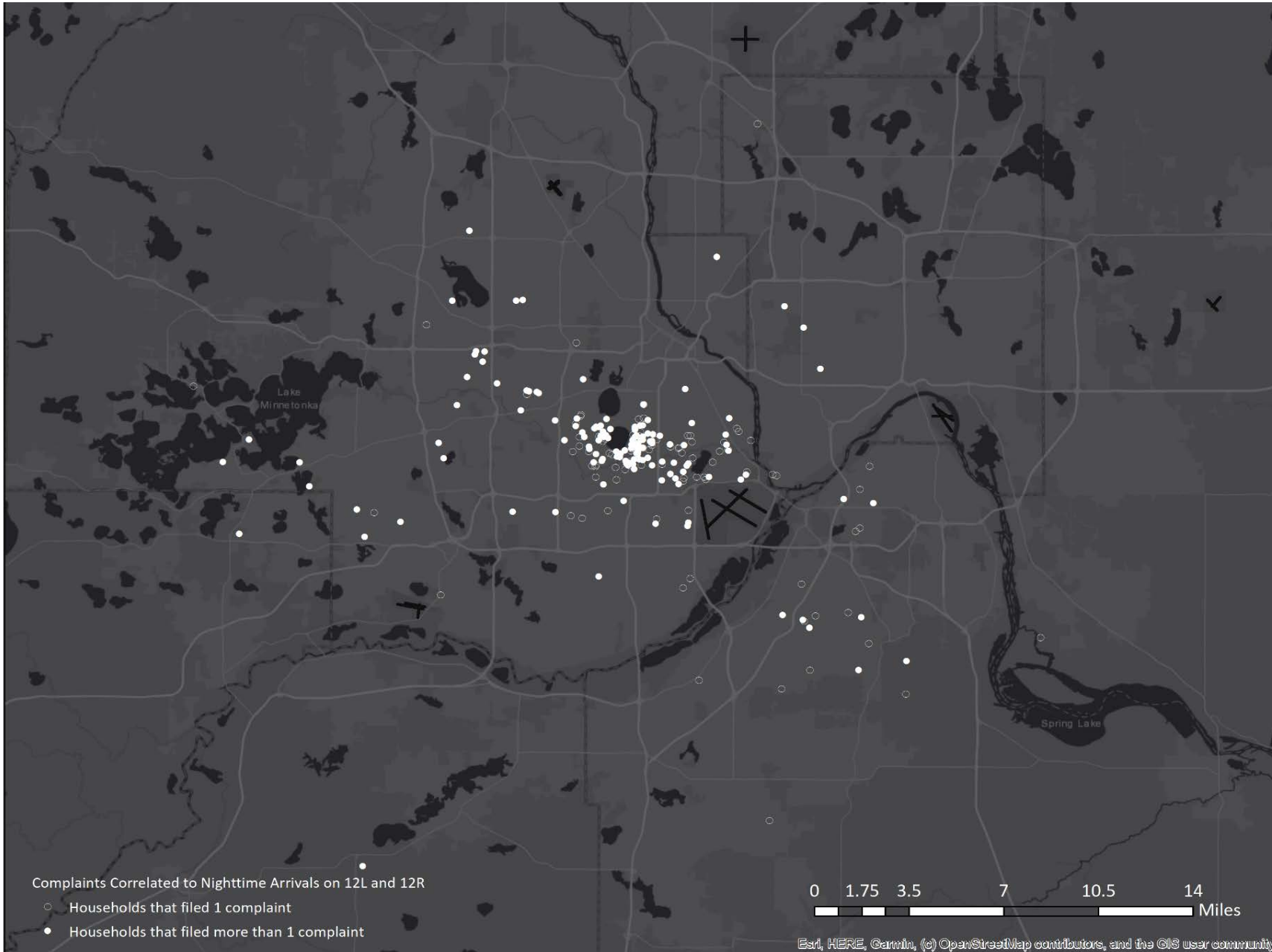
MSP Parking Location

Runways 12L and 12R



2019 Nighttime Runway Use by Arrival Gate and Parking Location





2019 Complaints Correlated to Nighttime Arrivals to Runways 12L and 12R

ITEM 5

ANNOUNCEMENTS

Fall Listening Session

Wednesday, October 28, 2020 @ 6 PM

Virtual Teleconference

November NOC Meeting

Wednesday, November 18, 2020 @ 6 PM



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