

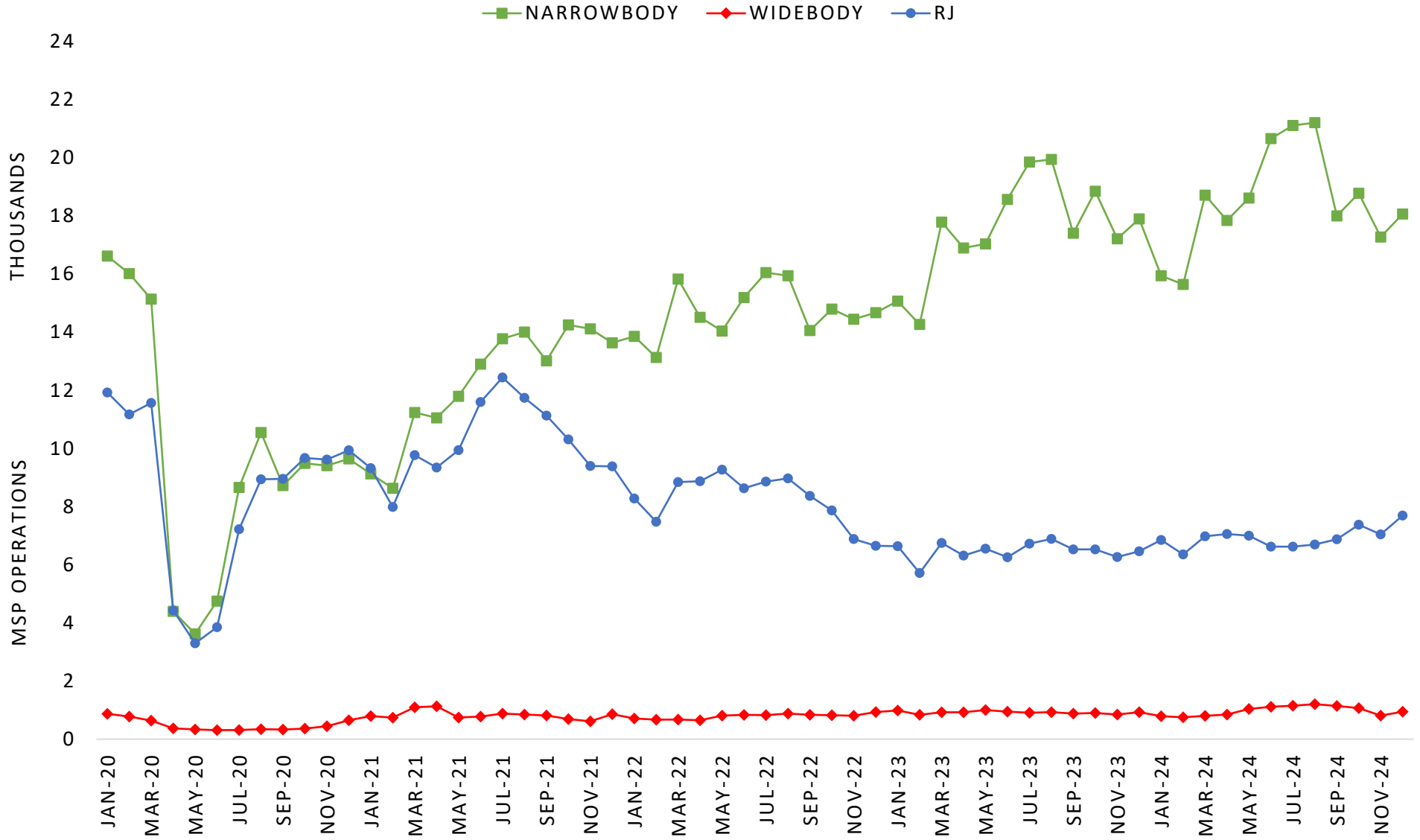


**2024 ANNUAL MSP FLEET MIX AND
NIGHTTIME OPERATIONS REPORT**
JANUARY 2025

COMMUNITY RELATIONS OFFICE

MSP FLEET MIX REPORT

MONTHLY CARRIER JET COUNTS BY TYPE



HUSHKIT BY YEAR: 2020 - 8, 2021 - 68, 2022 - 10, 2023 - , 2024 - 2

WIDEBODY JET ACTIVITY



WIDEBODY	TYPE	2020	2021	2022	2023	2024
	A124	0.0%	0.0%	0.0%	0.0%	0.0%
	A300	0.4%	0.1%	0.0%	0.3%	0.3%
	A330	0.3%	1.0%	1.2%	1.6%	1.5%
	A340	0.0%	0.0%	0.0%	0.0%	0.0%
	A350	0.1%	0.0%	0.1%	0.3%	0.3%
	B742	0.0%	0.0%	0.0%	0.0%	0.0%
	B744	0.0%	0.1%	0.1%	0.0%	0.0%
	B748	0.0%	0.1%	0.1%	0.0%	0.0%
	B762	0.0%	0.0%	0.0%	0.1%	0.1%
	B763	1.1%	1.8%	1.5%	0.9%	0.8%
	B764	0.0%	0.2%	0.1%	0.0%	0.0%
	B777	0.1%	0.0%	0.1%	0.0%	0.1%
	B7878	0.0%	0.1%	0.0%	0.1%	0.1%
	DC10	0.1%	0.0%	0.0%	0.0%	0.0%
	MD11	0.4%	0.2%	0.1%	0.4%	0.4%
TOTAL	2.6%	3.6%	3.3%	3.7%	3.7%	

MSP FLEET MIX REPORT

NARROWBODY JET ACTIVITY



NARROWBODY	TYPE	2020	2021	2022	2023	2024
	A220	0.9%	2.0%	1.9%	2.7%	2.5%
	A319	7.0%	6.6%	9.2%	6.8%	5.4%
	A20N	0.3%	0.5%	0.6%	0.9%	0.7%
	A320	5.7%	6.0%	6.2%	9.4%	8.4%
	A21N	0.0%	0.0%	0.1%	0.8%	1.1%
	A321	9.6%	10.4%	12.5%	10.5%	8.9%
	B717	2.4%	0.4%	2.4%	5.8%	6.1%
	B72Q	0.0%	0.0%	0.0%	0.0%	0.0%
	B733	0.0%	0.0%	0.0%	0.0%	0.0%
	B734	0.1%	0.1%	0.3%	0.1%	0.0%
	B735	0.0%	0.0%	0.0%	0.0%	0.0%
	B7377	2.6%	2.1%	2.5%	2.6%	2.1%
	B738	10.8%	11.1%	12.6%	15.4%	16.2%
	B739	8.0%	8.7%	9.4%	11.5%	14.5%
	B38M	0.0%	0.3%	0.5%	1.3%	1.7%
	B73Q	0.0%	0.0%	0.0%	0.0%	0.0%
	B757	5.0%	4.6%	3.8%	2.5%	2.3%
	DC9Q	0.0%	0.0%	0.0%	0.0%	0.0%
	MD80	0.0%	0.0%	0.0%	0.0%	0.0%
MD90	0.0%	0.0%	0.0%	0.0%	0.0%	
TOTAL	52.4%	52.7%	61.9%	70.4%	70.1%	

MSP FLEET MIX REPORT

REGIONAL JET ACTIVITY



REGIONAL JET	TYPE	2020	2021	2022	2023	2024
	CRJ1	0.0%	0.0%	0.0%	0.0%	0.0%
	CRJ2	10.8%	11.9%	8.5%	3.1%	0.3%
	CRJ7	2.9%	2.3%	1.7%	1.8%	3.8%
	CRJ9	20.2%	21.3%	12.4%	8.4%	8.4%
	E135	0.0%	0.0%	0.1%	0.0%	0.0%
	E145	0.4%	0.2%	0.3%	0.1%	0.3%
	E170	10.6%	7.3%	10.7%	11.8%	13.1%
	E190	0.1%	0.3%	0.4%	0.1%	0.1%
TOTAL	45.0%	43.3%	34.2%	25.3%	26.1%	

MSP FLEET MIX REPORT

AVERAGE PASSENGERS PER FLIGHT

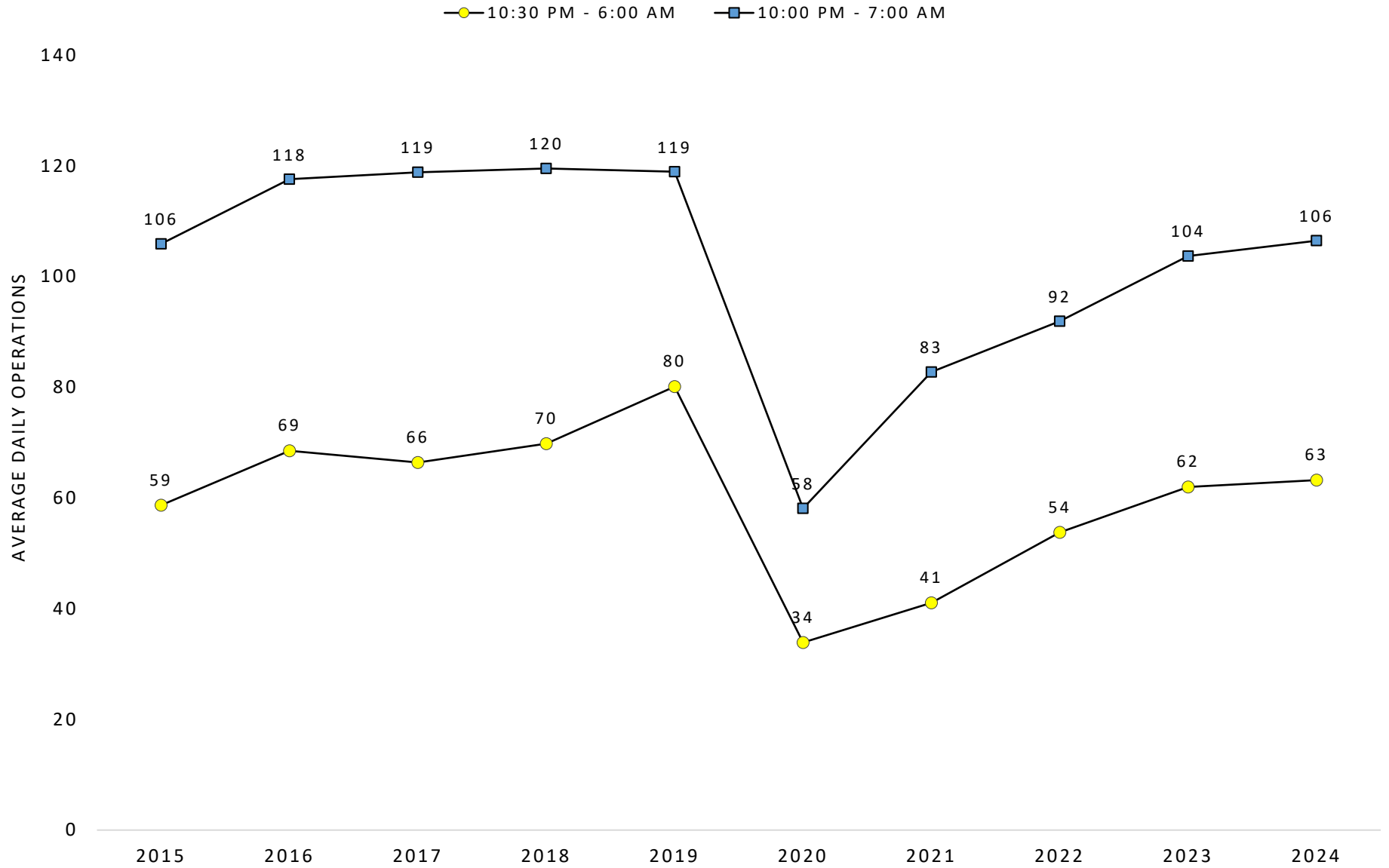
130
110
90
70
50
30
10

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2021	56.5	63.8	78.2	78.0	92.3	96.7	105.8	100.5	93.4	99.2	100.1	98.9
2022	89.6	99.4	112.5	109.0	112.6	116.3	114.9	112.7	111.9	114.4	113.1	112.3
2023	105.8	108.5	119.6	115.5	115.9	126.2	123.8	120.2	114.3	113.9	113.6	110.6
2024	107.5	113.3	121.9	115.2	119.2	123.7	124.1	124.3	112.9	113.3	107.4	

SOURCE: MSP MONTHLY OPERATIONS REPORTS

MSP NIGHTTIME OPERATIONS REPORT

AVERAGE DAILY NIGHTTIME OPERATIONS

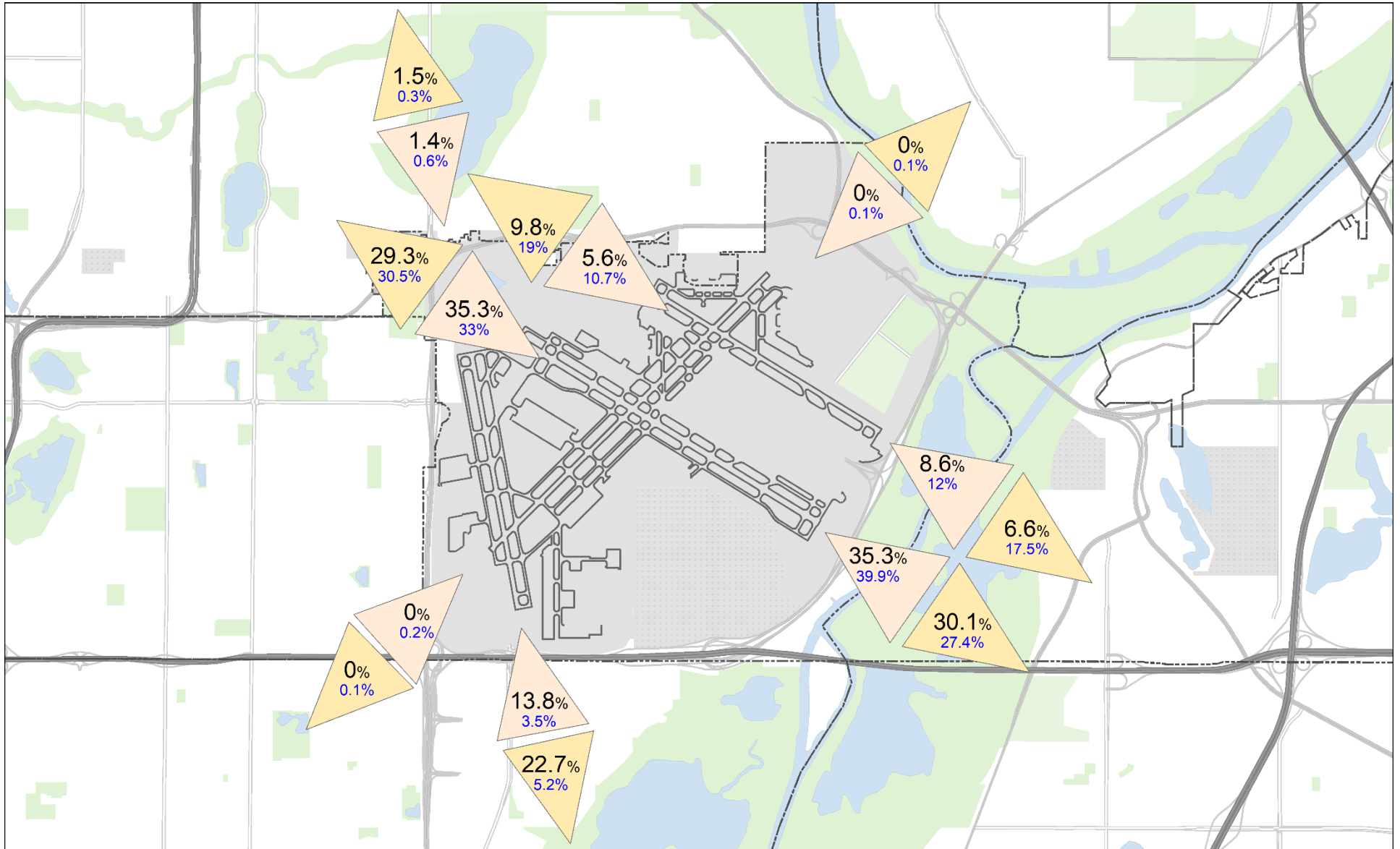


MSP NIGHTTIME OPERATIONS REPORT

2024 AND THREE-YEAR AVERAGE NIGHTTIME OPERATIONS BY RUNWAY
(10:30 PM – 6:00 AM)

RWY	ARR / DEP	OVERFLIGHT AREA	2024			2021 - 2023 AVERAGE		
			TOTAL NIGHT OPS	AVERAGE DAILY NIGHT OPS	%	TOTAL NIGHT OPS	AVERAGE DAILY NIGHT OPS	%
04	ARR	SO. RICHFIELD/BLOOMINGTON	0	0.0	0.0%	20	0.1	0.2%
12L	ARR	SO. MINNEAPOLIS/NO. RICHFIELD	925	2.5	5.6%	1,410	3.9	10.7%
12R	ARR	SO. MINNEAPOLIS/NO. RICHFIELD	5,812	15.9	35.3%	4,353	11.9	33.0%
17	ARR	SO. MINNEAPOLIS	227	0.6	1.4%	74	0.2	0.6%
22	ARR	ST. PAUL/HIGHLAND PARK	1	0.0	0.0%	19	0.1	0.1%
30L	ARR	EAGAN/MENDOTA HEIGHTS	5,807	15.9	35.3%	5,263	14.4	39.9%
30R	ARR	EAGAN/MENDOTA HEIGHTS	1,410	3.9	8.6%	1,588	4.3	12.0%
35	ARR	BLOOMINGTON/EAGAN	2,276	6.2	13.8%	457	1.3	3.5%
TOTAL NIGHTTIME ARRIVALS			16,458	45.0		13,184	36.2	
04	DEP	ST. PAUL/HIGHLAND PARK	0	0.0	0.0%	3	0.0	0.1%
12L	DEP	EAGAN/MENDOTA HEIGHTS	438	1.2	6.6%	1,031	2.8	17.5%
12R	DEP	EAGAN/MENDOTA HEIGHTS	2,013	5.5	30.1%	1,618	4.4	27.4%
17	DEP	BLOOMINGTON/EAGAN	1,517	4.1	22.7%	308	0.8	5.2%
22	DEP	SO. RICHFIELD/BLOOMINGTON	1	0.0	0.0%	5	0.0	0.1%
30L	DEP	SO. MINNEAPOLIS/NO. RICHFIELD	1,960	5.4	29.3%	1,797	4.9	30.5%
30R	DEP	SO. MINNEAPOLIS/NO. RICHFIELD	653	1.8	9.8%	1,118	3.1	19.0%
35	DEP	SO. MINNEAPOLIS	100	1.8	1.5%	16	0.0	0.3%
TOTAL NIGHTTIME DEPARTURES			6,682	19.8		5,896	16.0	
TOTAL NIGHTTIME OPERATIONS			23,140	64.8		19,080	52.2	

2024 AND THREE-YEAR AVERAGE NIGHTTIME OPERATIONS BY RUNWAY MAP (10:30 PM – 6:00 AM)



MSP NIGHTTIME OPERATIONS REPORT

**NIGHTTIME OPERATIONS BY AIRLINE
(TOP 15 BY COUNT)**

2024	AIRLINE	ID	COUNT	PERCENT OF AIRLINE OPERATIONS OCCURRING AT NIGHT*	PERCENT OF CONTRIBUTION TO NIGHTTIME TOTAL [†]
	DELTA	DAL	7,758	5.1%	35.0%
	SUN COUNTRY	SCX	4,909	15.6%	22.1%
	SOUTHWEST	SWA	1,826	12.5%	8.2%
	AMERICAN	AAL	1,722	18.6%	7.8%
	UNITED	UAL	1,663	15.8%	7.5%
	SKYWEST AIRLINES	SKW	1,462	2.8%	6.6%
	UPS	UPS	676	28.1%	3.0%
	FRONTIER AIRLINES	FFT	479	14.2%	2.2%
	FEDEX	FDX	443	21.2%	2.0%
	GULF & CARIBBEAN CARGO	TSU	373	97.9%	1.7%
	SPIRIT	NKS	345	14.8%	1.6%
	ALASKA	ASA	246	16.7%	1.1%
	ENDEAVOR AIR	EDV	157	1.0%	0.7%
	PSA AIRLINES	JIA	64	4.8%	0.3%
	CSB	45	12.9%	0.2%	

2023	AIRLINE	ID	COUNT	PERCENT OF AIRLINE OPERATIONS OCCURRING AT NIGHT*	PERCENT OF CONTRIBUTION TO NIGHTTIME TOTAL [†]
	DELTA	DAL	8,263	5.7%	38.1%
	SUN COUNTRY	SCX	4,147	15.0%	19.1%
	SOUTHWEST	SWA	2,345	16.0%	10.8%
	UNITED	UAL	1,430	14.3%	6.6%
	AMERICAN	AAL	1,398	17.3%	6.4%
	SKYWEST AIRLINES	SKW	1,113	2.3%	5.1%
	UPS	UPS	877	33.4%	4.0%
	FEDEX	FDX	588	24.7%	2.7%
	FRONTIER AIRLINES	FFT	402	24.5%	1.9%
	GULF & CARIBBEAN CARGO	TSU	368	95.6%	1.7%
	ALASKA	ASA	266	19.0%	1.2%
	SPIRIT	NKS	213	6.8%	1.0%
	ENDEAVOR AIR	EDV	155	0.9%	0.7%
	REPUBLIC AIRLINES	RPA	64	2.5%	0.3%
AIR CANADA JAZZ	JZA	59	2.6%	0.3%	

*AIRLINE OPERATIONS OCCURRING AT NIGHT REPRESENTS THE PERCENTAGE OF RESPECTIVE AIRLINE SCHEDULE THAT OCCURS AT NIGHT

[†]CONTRIBUTION TO TOTAL IS RESPECTIVE AIRLINE CONTRIBUTIONS TO OVERALL MSP NIGHT OPERATIONS

MSP NIGHTTIME OPERATIONS REPORT

**2024 NIGHTTIME OPERATIONS BY AIRCRAFT
(TOP 15 BY COUNT)**

AIRCRAFT CODE	DESCRIPTION	COUNT	NOISE LEVEL CERTIFICATION (EPNdB BELOW STAGE 3)
B738	BOEING 737-800	7,683	11.3 - 17.1
B739	BOEING 737-900	2,869	10.9 - 16.1
A321	AIRBUS INDUSTRIES A321	2,717	6.4 - 17
A320	AIRBUS INDUSTRIES A320	1,767	12.1 - 21.2
E170	EMBRAER 170	1,276	9.2 - 16.8
B757	BOEING 757-200	1,160	11.1 - 22.1
A319	AIRBUS INDUSTRIES A319	883	12.9 - 22.2
B38M	BOEING 737-8 MAX	699	24.3 - 27.4
B7377	BOEING 737-700	676	11.6 - 19.8
B763	BOEING 767-300	570	4.4 - 22.6
CRJ2	CANADAIR REGIONAL JET CRJ-200	396	26.5 - 30.6
CRJ9	CANADAIR REGIONAL JET CRJ-900	343	14.5 - 17.6
B717	BOEING 717	333	19.2 - 23
MD11	MCDONNELL DOUGLAS MD11	271	12.8 - 17.9
A300	AIRBUS INDUSTRIES A300	241	4.3 - 17.7

NOISE CERTIFICATION DATA SOURCE: EUROPEAN AVIATION SAFETY AGENCY

CUMULATIVE CERTIFICATED NOISE LEVELS REPRESENTED AS A RANGE BELOW STAGE 3 NOISE LEVELS TO ACCOUNT FOR MULTIPLE CERTIFICATION VARIABLES (WEIGHT, MODEL, ENGINE TYPE, AIRFRAME CONFIGURATION, ETC)

MSP NIGHTTIME OPERATIONS REPORT

**2024 NIGHTTIME OPERATIONS BY ORIGIN AND DESTINATION
(TOP 15 BY COUNT)**

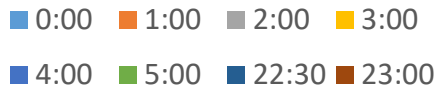
AIRPORT CODE	ORIGIN AIRPORT	COUNT
PHX	PHOENIX	1,208
DEN	DENVER	1,013
LAS	LAS VEGAS	974
SEA	SEATTLE	972
LAX	LOS ANGELES	922
SFO	SAN FRANCISCO	748
ORD	CHICAGO O'HARE	656
PDX	PORTLAND	434
SDF	LOUISVILLE	428
MIA	MIAMI	408
ATL	ATLANTA	400
MEM	MEMPHIS	379
IAH	HOUSTON	348
MCO	ORLANDO	345
SAN	SAN DIEGO	328

AIRPORT CODE	DESTINATION AIRPORT	COUNT
DEN	DENVER	567
ATL	ATLANTA	364
DFW	DALLAS FORT WORTH	315
PHX	PHOENIX	256
ORD	CHICAGO O'HARE	242
LAS	LAS VEGAS	219
FAR	FARGO	218
MDW	CHICAGO MIDWAY	213
AFW	FORT WORTH ALLIANCE	210
TVF	THEIF RIVER FALLS REGIONAL	183
BIS	BISMARCK	182
GFK	GRAND FORKS	174
RST	ROCHESTER MN	172
DLH	DULUTH	163
MOT	MINOT	160

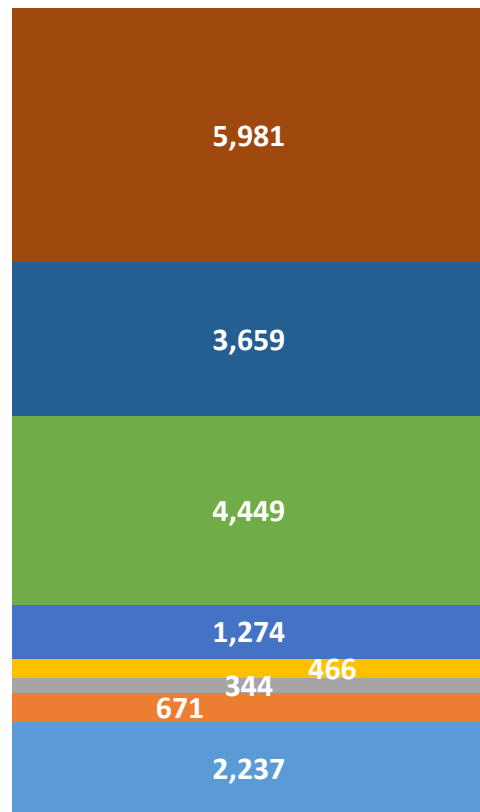
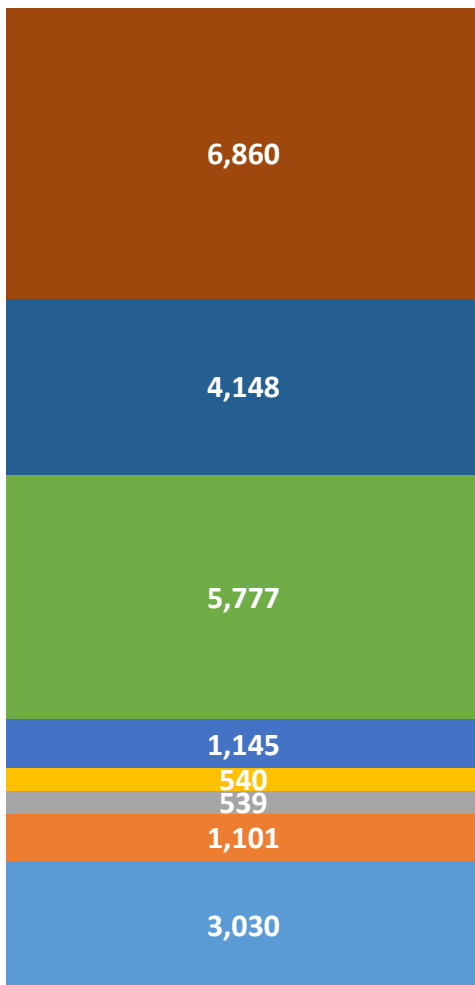
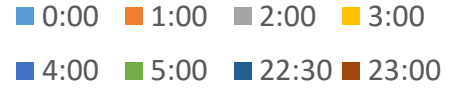
MSP NIGHTTIME OPERATIONS REPORT

NIGHTTIME OPERATIONS BY HOUR

2024



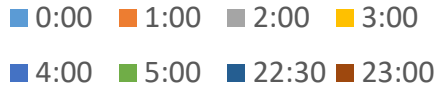
3-YEAR HISTORICAL AVERAGE



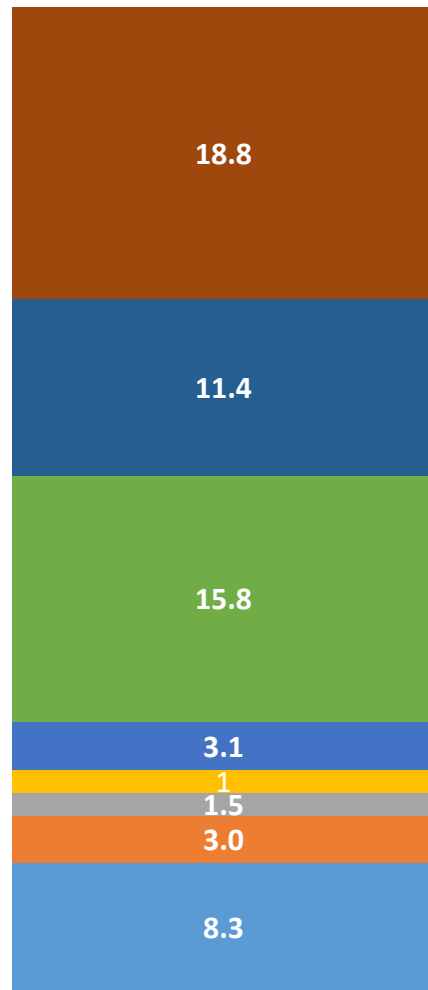
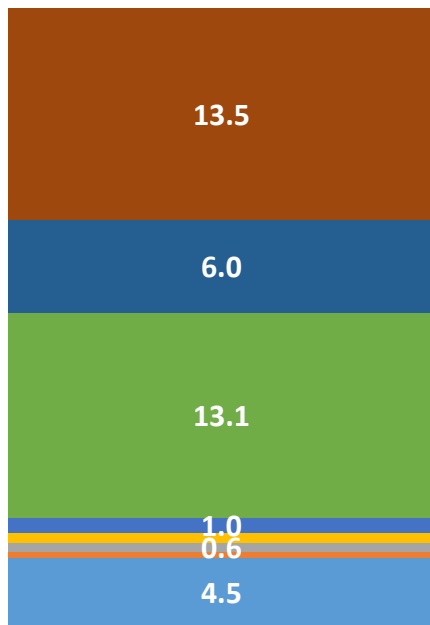
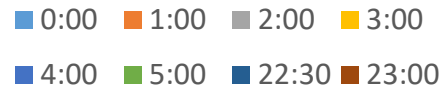
MSP NIGHTTIME OPERATIONS REPORT

SCHEDULED VERSUS ACTUAL OPERATIONS
(AVERAGE BY HOUR)

DAILY SCHEDULED NIGHT OPERATIONS



DAILY ACTUAL NIGHT OPERATIONS



GENERAL AVIATION AND CHARTER AIRCRAFT OPERATORS DO NOT REPORT SCHEDULED OPERATIONS



Metropolitan Airports Commission

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