
Appendix A. Operations Counting and Forecasting Detail Tables

The following appendix provides airport-specific baseline operations and forecasts prepared by the 2022 Minnesota State Aviation System Plan (MnSASP). The tables are as follows:

- **Table A.1.** 2022 MnSASP GA Airport Baseline Operations by State Classification
- **Table A.2.** 2022 MnSASP Forecast Alternative: Socioeconomic – Population Growth by County
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- **Table A.4.** 2022 MnSASP Forecast Alternative: GA Flight Hours Flown
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Please note that all MnSASP airport operations estimates and forecasts shall not be used for individual airport planning or funding decisions.

Chapter 3. Operations and Forecasting provides the full methodology and application of the data contained in these tables.

Table A.1. 2022 MnSASP GA Airport Baseline Operations by State Classification³

Associated City	Airport Name	FAA ID	MnSASP State Classification	5010 Data Year ¹	Total 5010 Operations	Baseline Operations	Percentage Difference from 5010
Albert Lea	Albert Lea Municipal	AEL	Key General Aviation	2020	26,175	18,523	-29%
Alexandria	Alexandria Municipal (Chandler Field)	AXN	Key General Aviation	2018	25,500	20,598	-19%
Austin	Austin Municipal	AUM	Key General Aviation	2018	25,420	21,505	-15%
Baudette	Baudette International	BDE	Key General Aviation	2018	12,825	7,503	-41%
Ely	Ely Municipal	ELO	Key General Aviation	2018	8,200	7,550	-8%
Fairmont	Fairmont Municipal Airport	FRM	Key General Aviation	2018	9,400	9,267	-1%
Fergus Falls	Fergus Falls Municipal	FFM	Key General Aviation	2018	8,500	13,016	53%
Grand Marais	Grand Marais-Cook County	CKC	Key General Aviation	2019	3,200	3,762	18%
Grand Rapids	Grand Rapids-Itasca County	GPZ	Key General Aviation	2019	19,560	25,230	29%
Mankato	Mankato Municipal	MKT	Key General Aviation	2018	126,136	100,062	-21%
Marshall	Marshall - Southwest Minnesota Regional - Marshall/Ryan Field	MML	Key General Aviation	2019	22,848	15,926	-30%
Minneapolis	Minneapolis Anoka County/Blaine ²	ANE	Key General Aviation	2018	70,202	71,740	2%
Minneapolis	Minneapolis Flying Cloud ²	FCM	Key General Aviation	2018	75,842	104,405	38%
New Ulm	New Ulm Municipal	ULM	Key General Aviation	2018	15,510	7,792	-50%
Owatonna	Owatonna Degner Regional	OWA	Key General Aviation	2018	30,050	16,357	-46%
Park Rapids	Park Rapids Municipal	PKD	Key General Aviation	2018	15,833	19,476	23%
Red Wing	Red Wing Regional	RGK	Key General Aviation	2019	14,050	11,751	-16%
St Paul	Saint Paul Downtown ²	STP	Key General Aviation	2018	66,475	40,934	-38%
Warroad	Warroad International (Swede Carlson Field)	RRT	Key General Aviation	2019	9,000	16,617	85%
Willmar	Willmar Municipal	BDH	Key General Aviation	2018	17,850	24,429	37%
Winona	Winona Municipal (Max Conrad Field)	ONA	Key General Aviation	2019	10,450	9,945	-5%
Worthington	Worthington Municipal	OTG	Key General Aviation	2019	10,140	11,078	9%
Aitkin	Aitkin Municipal	AIT	Intermediate Large	2018	16,000	13,733	-14%

Associated City	Airport Name	FAA ID	MnSASP State Classification	5010 Data Year ¹	Total 5010 Operations	Baseline Operations	Percentage Difference from 5010
Benson	Benson Municipal	BBB	Intermediate Large	2018	5,100	4,065	-20%
Bigfork	Bigfork Municipal	FOZ	Intermediate Large	2018	3,100	2,327	-25%
Cambridge	Cambridge Municipal	CBG	Intermediate Large	2018	16,850	9,821	-42%
Canby	Canby Municipal	CNB	Intermediate Large	2018	6,720	7,080	5%
Cloquet	Cloquet-Carlton County	COQ	Intermediate Large	2018	10,000	10,530	5%
Cook	Cook Municipal Airport	CQM	Intermediate Large	2018	5,950	5,022	-16%
Crookston	Crookston Municipal (Kirkwood Field)	CKN	Intermediate Large	2019	20,150	11,670	-42%
Detroit Lakes	Detroit Lakes	DTL	Intermediate Large	2018	16,200	16,690	3%
Dodge Center	Dodge Center Municipal	TOB	Intermediate Large	2019	5,000	4,017	-20%
Eveleth	Eveleth-Virginia Municipal	EVM	Intermediate Large	2018	17,700	8,137	-54%
Faribault	Faribault Municipal	FBL	Intermediate Large	2018	18,700	19,169	3%
Glenwood	Glenwood Municipal	GHW	Intermediate Large	2018	4,900	4,284	-13%
Granite Falls	Granite Falls Municipal	GDB	Intermediate Large	2018	7,000	7,544	8%
Hallock	Hallock Municipal	HCO	Intermediate Large	2018	17,700	13,380	-24%
Hutchinson	Hutchinson Municipal	HCD	Intermediate Large	2018	12,395	7,844	-37%
Litchfield	Litchfield Municipal	LJF	Intermediate Large	2019	7,000	4,008	-43%
Little Falls	Little Falls-Morrison County	LXL	Intermediate Large	2018	22,450	19,184	-15%
Luverne	Luverne Municipal (Quentin Aanenson Field)	LYV	Intermediate Large	2019	8,400	4,730	-44%
Minneapolis	Minneapolis Airlake	LVN	Intermediate Large	2018	34,174	21,055	-38%
Montevideo	Montevideo-Chippewa County	MVE	Intermediate Large	2018	11,520	7,058	-39%
Moorhead	Moorhead Municipal	JKJ	Intermediate Large	2018	9,000	8,867	-1%
Mora	Mora Municipal	JMR	Intermediate Large	2018	15,000	12,377	-17%
Morris	Morris Municipal	MOX	Intermediate Large	2018	5,906	9,366	59%
Orr	Orr Regional	ORB	Intermediate Large	2018	2,500	1,357	-46%
Perham	Perham Municipal	16D	Intermediate Large	2018	7,200	6,235	-13%
Pipestone	Pipestone Municipal	PQN	Intermediate Large	2019	8,200	4,675	-43%

Associated City	Airport Name	FAA ID	MnSASP State Classification	5010 Data Year ¹	Total 5010 Operations	Baseline Operations	Percentage Difference from 5010
Preston	Preston Fillmore County	FKA	Intermediate Large	2019	4,080	2,449	-40%
Princeton	Princeton Municipal	PNM	Intermediate Large	2018	13,300	7,548	-43%
Redwood Falls	Redwood Falls Municipal	RWF	Intermediate Large	2018	9,800	8,642	-12%
Roseau	Roseau Municipal (Rudy Billberg Field)	ROX	Intermediate Large	2018	18,300	14,103	-23%
Rush City	Rush City Municipal	ROS	Intermediate Large	2018	7,810	6,473	-17%
South St Paul	South St. Paul Municipal (Fleming Field)	SGS	Intermediate Large	2019	51,000	3,908	-29%
St James	Saint James Municipal	JYG	Intermediate Large	2018	5,485	49,331	-3%
Two Harbors	Two Harbors-Richard B. Helgeson	TWM	Intermediate Large	2018	7,000	4,429	-37%
Wadena	Wadena Municipal	ADC	Intermediate Large	2018	5,410	6,233	15%
Ada/Twin Valley	Ada-Norman County/Twin Valley	D00	Intermediate Small	2018	5,200	3,085	-41%
Appleton	Appleton Municipal	AQP	Intermediate Small	2018	2,400	2,034	-15%
Bagley	Bagley Municipal	7Y4	Intermediate Small	2018	2,400	434	-82%
Blue Earth	Blue Earth Municipal	SBU	Intermediate Small	2018	14,000	7,642	-45%
Brooten	Brooten Municipal	6D1	Intermediate Small	2019	2,510	1,248	-50%
Buffalo	Buffalo Municipal	CFE	Intermediate Small	2018	22,350	14,213	-36%
Caledonia	Caledonia-Houston County	CHU	Intermediate Small	2018	3,500	2,193	-37%
Duluth	Duluth-Sky Harbor Airport & Seaplane Base	DYT	Intermediate Small	2020	13,900	11,472	-17%
Fertile	Fertile Municipal	D14	Intermediate Small	2018	9,600	6,691	-26%
Forest Lake	Forest Lake	25D	Intermediate Small	2020	8,000	7,851	-18%
Fosston	Fosston Municipal	FSE	Intermediate Small	2019	8,345	6,878	-14%
Glencoe	Glencoe Municipal (Vernon Perschau Field)	GYL	Intermediate Small	2018	10,615	5,715	-32%
Grant	Elbow Lake Municipal	Y63	Intermediate Small	2018	9,000	8,150	-23%
Hawley	Hawley Municipal	04Y	Intermediate Small	2019	8,600	5,225	-39%
Hector	Hector Municipal	1D6	Intermediate Small	2018	7,000	6,074	-13%

Associated City	Airport Name	FAA ID	MnSASP State Classification	5010 Data Year ¹	Total 5010 Operations	Baseline Operations	Percentage Difference from 5010
Herman	Herman Municipal	06Y	Intermediate Small	2018	2,200	2,006	-9%
Jackson	Jackson Municipal	MJQ	Intermediate Small	2018	19,000	14,623	-23%
Le Sueur	Le Sueur Municipal	12Y	Intermediate Small	2019	2,560	1,614	-37%
Long Prairie	Todd Field (Long Prairie Airport)	14Y	Intermediate Small	2018	5,730	5,343	-21%
Longville	Longville Municipal	XVG	Intermediate Small	2019	6,725	2,340	8%
Madison	Madison-Lac Qui Parle	DXX	Intermediate Small	2018	2,160	1,621	-2%
Mahnomen	Mahnomen County	3N8	Intermediate Small	2018	1,650	15,414	-26%
Maple Lake	Maple Lake Municipal	MGG	Intermediate Small	2018	20,800	987	-48%
Mc Gregor	McGregor-Isedor Iverson	HZX	Intermediate Small	2018	1,900	41,541	-2%
Minneapolis	Minneapolis Crystal ²	MIC	Intermediate Small	2020	42,351	3,171	-35%
Moose Lake	Moose Lake-Carlton County	MZH	Intermediate Small	2018	4,900	4,688	0%
Olivia	Olivia Regional	OVL	Intermediate Small	2019	4,700	3,221	-36%
Ortonville	Ortonville Municipal	VVV	Intermediate Small	2019	5,000	2,984	-17%
Paynesville	Paynesville Municipal	PEX	Intermediate Small	2018	3,600	5,003	-22%
Pine River	Pine River Regional	PWC	Intermediate Small	2018	6,400	431	-86%
Pinecreek	Piney-Pinecreek Border	48Y	Intermediate Small	2018	3,000	11,345	-16%
Red Lake Falls	Red Lake Falls Municipal	D81	Intermediate Small	2018	13,500	1,374	-31%
Rushford	Rushford Municipal	55Y	Intermediate Small	2019	2,000	16,421	-38%
Sauk Centre	Sauk Centre Municipal	D39	Intermediate Small	2018	5,830	3,889	-33%
Slayton	Slayton Municipal	DVP	Intermediate Small	2018	3,300	3,300	0%
Springfield	Springfield Municipal	D42	Intermediate Small	2018	2,420	2,142	-11%
St Paul	Saint Paul-Lake Elmo	21D	Intermediate Small	2019	26,498	7,207	-25%
Staples	Staples Municipal	SAZ	Intermediate Small	2019	9,600	12,023	-20%
Stephen	Stephen Municipal	D41	Intermediate Small	2018	15,100	4,410	-23%
Tower	Tower Municipal	12D	Intermediate Small	2019	3,700	3,517	-5%
Tracy	Tracy Municipal	TKC	Intermediate Small	2018	3,040	1,217	-60%

Associated City	Airport Name	FAA ID	MnSASP State Classification	5010 Data Year ¹	Total 5010 Operations	Baseline Operations	Percentage Difference from 5010
Walker	Walker Municipal	Y49	Intermediate Small	2018	9,200	5,152	-44%
Warren	Warren Municipal	D37	Intermediate Small	2018	19,000	9,062	-52%
Waseca	Waseca Municipal	ACQ	Intermediate Small	2018	17,190	13,211	-23%
Wheaton	Wheaton Municipal	ETH	Intermediate Small	2018	3,900	3,056	-22%
Windom	Windom Municipal	MWM	Intermediate Small	2018	8,300	5,496	-34%
Backus	Backus Municipal	7Y3	Landing Strip Turf	2018	6,400	200	-50%
Big Falls	Big Falls Municipal	7Y9	Landing Strip Turf	2018	400	323	-19%
Bowstring	Bowstring	9Y0	Landing Strip Turf	2018	400	456	-45%
Clarissa	Clarissa Municipal	8Y5	Landing Strip Turf	2019	830	198	-80%
East Gull Lake	East Gull Lake	9Y2	Landing Strip Turf	2018	1,000	200	-50%
Grygla	Grygla Municipal	3G2	Landing Strip Turf	2018	400	1,517	-24%
Henning	Henning Municipal	05Y	Landing Strip Turf	2018	2,000	560	-44%
Hill City	Hill City-Quadna Mountain	07Y	Landing Strip Turf	2019	1,000	2,006	-55%
Karlstad	Karlstad Municipal	23D	Landing Strip Turf	2018	4,500	700	-30%
Littlefork	Littlefork Municipal	13Y	Landing Strip Turf	2018	1,000	5,006	-37%
Milaca	Milaca Municipal	18Y	Landing Strip Turf	2020	8,000	311	-48%
Northome	Northome Municipal	43Y	Landing Strip Turf	2018	600	1,664	-81%
Pelican Rapids	Pelican Rapids Municipal	47Y	Landing Strip Turf	2018	8,682	512	-49%
Remer	Remer Municipal	52Y	Landing Strip Turf	2019	1,000	5,000	-38%
Sleepy Eye	Sleepy Eye Municipal	Y58	Landing Strip Turf	2018	8,000	1,172	-27%
Starbuck	Starbuck Municipal	D32	Landing Strip Turf	2019	1,600	1,606	-27%
Tyler	Tyler Municipal	63Y	Landing Strip Turf	2019	2,200	1,006	-37%
Waskish	Waskish Municipal	VWU	Landing Strip Turf	2020	1,600	5,018	-16%

Associated City	Airport Name	FAA ID	MnSASP State Classification	5010 Data Year ¹	Total 5010 Operations	Baseline Operations	Percentage Difference from 5010
Wells	Wells Municipal	68Y	Landing Strip Turf	2019	6,000	1,217	-60%
Winsted	Winsted Municipal	10D	Landing Strip Turf	2018	13,545	9,986	-26%

Notes: (1) Baseline operations counts reflect the date of the airport's most recent 5010 Airport Safety Inspection at the time of analysis in May 2021. All data years range between 2018 and 2020 except Slayton Municipal Airport (6VP) which had its most recent 5010 inspection in 2017. (2) Airport has an air traffic control tower (ATCT). As such operational counts were obtained from the Federal Aviation Administration's (FAA) OpsNet database. In all other cases, baseline operations were calculated using the MnSASP baseline operations count methodology described in Chapter 3.

(3) MnSASP airport operations estimates and forecasts shall not be used for individual airport planning or funding decisions.

Sources: 5010 Airport Master Record, Various Years; FAA Traffic Flow Management System Counts (TFMSC), 2018 – 2020 (accessed May 2021); Kimley-Horn, 2023

Table A.2. 2022 MnSASP Forecast Alternative: Socioeconomic – Population Growth by County¹

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Albert Lea	Albert Lea Municipal Airport	AEL	Key General Aviation	18,523	18,523	18,316	18,066	17,736	17,321	-0.22%	-0.25%	-0.29%	-0.33%
Alexandria	Alexandria Municipal Airport (Chandler Field)	AXN	Key General Aviation	20,598	7,503	7,837	8,166	8,469	8,737	0.87%	0.85%	0.81%	0.76%
Austin	Austin Municipal Airport	AUM	Key General Aviation	21,505	21,505	21,700	21,842	21,882	21,808	0.18%	0.16%	0.12%	0.07%
Baudette	Baudette International Airport	BDE	Key General Aviation	7,503	20,598	20,760	20,885	20,931	20,890	0.16%	0.14%	0.11%	0.07%
Ely	Ely Municipal Airport	ELO	Key General Aviation	7,550	24,429	24,730	24,996	25,168	25,234	0.25%	0.23%	0.20%	0.16%
Fairmont	Fairmont Municipal Airport	FRM	Key General Aviation	9,267	3,762	3,723	3,675	3,610	3,528	-0.21%	-0.23%	-0.27%	-0.32%
Fergus Falls	Fergus Falls Municipal Airport (Einar Mickelson Field)	FFM	Key General Aviation	13,016	7,550	7,718	7,870	7,988	8,065	0.44%	0.42%	0.38%	0.33%
Grand Marais	Grand Marais-Cook County Airport	CKC	Key General Aviation	3,762	13,016	13,536	14,056	14,538	14,975	0.79%	0.77%	0.74%	0.70%
Grand Rapids	Grand Rapids-Itasca County Airport (Gordon Newstrom Field)	GPZ	Key General Aviation	25,230	9,267	9,410	9,541	9,637	9,693	0.31%	0.29%	0.26%	0.22%
Mankato	Mankato Municipal Airport	MKT	Key General Aviation	100,062	25,230	26,387	27,528	28,583	29,524	0.90%	0.88%	0.84%	0.79%
Marshall	Marshall-Southwest Minnesota Regional Airport-Marshall/Ryan Field	MML	Key General Aviation	15,926	16,357	16,685	16,978	17,195	17,323	0.40%	0.37%	0.33%	0.29%
Minneapolis	Minneapolis Anoka County/Blaine Airport (Janes Field)	ANE	Key General Aviation	71,740	71,740	77,353	83,198	89,063	94,846	1.52%	1.49%	1.45%	1.41%
Minneapolis	Minneapolis Flying Cloud Airport	FCM	Key General Aviation	104,405	104,405	106,712	108,800	110,405	111,453	0.44%	0.41%	0.37%	0.33%
New Ulm	New Ulm Municipal Airport	ULM	Key General Aviation	7,792	100,062	100,255	100,196	99,664	98,623	0.04%	0.01%	-0.03%	-0.07%
Owatonna	Owatonna Degner Regional Airport	OWA	Key General Aviation	16,357	15,926	16,528	17,109	17,628	18,069	0.74%	0.72%	0.68%	0.63%
Park Rapids	Park Rapids Municipal Airport	PKD	Key General Aviation	19,476	9,945	10,307	10,655	10,964	11,223	0.72%	0.69%	0.65%	0.61%
Red Wing	Red Wing Regional Airport	RGK	Key General Aviation	11,751	11,078	11,492	11,891	12,247	12,548	0.74%	0.71%	0.67%	0.62%
St. Paul	Saint Paul Downtown Airport (Holman Field)	STP	Key General Aviation	40,934	19,476	19,874	20,230	20,496	20,657	0.41%	0.38%	0.34%	0.29%
Warroad	Warroad International Airport (Swede Carlson Field)	RRT	Key General Aviation	16,617	11,751	11,848	11,926	11,959	11,940	0.16%	0.15%	0.12%	0.08%
Willmar	Willmar Municipal Airport	BDH	Key General Aviation	24,429	16,617	17,285	17,935	18,522	19,028	0.79%	0.77%	0.73%	0.68%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Winona	Winona Municipal Airport (Max Conrad Field)	ONA	Key General Aviation	9,945	40,934	41,786	42,551	43,125	43,480	0.41%	0.39%	0.35%	0.30%
Worthington	Worthington Municipal Airport	OTG	Key General Aviation	11,078	7,792	7,912	8,009	8,061	8,065	0.31%	0.28%	0.23%	0.17%
Aitkin	Aitkin Municipal Airport	AIT	Intermediate Large	13,733	13,733	14,176	14,598	14,962	15,255	0.64%	0.61%	0.57%	0.53%
Benson	Benson Municipal Airport	BBB	Intermediate Large	4,065	4,065	3,976	3,879	3,767	3,639	-0.44%	-0.47%	-0.51%	-0.55%
Bigfork	Bigfork Municipal Airport	FOZ	Intermediate Large	2,327	2,327	2,363	2,396	2,420	2,434	0.31%	0.29%	0.26%	0.23%
Cambridge	Cambridge Municipal Airport	CBG	Intermediate Large	9,821	9,821	10,569	11,346	12,122	12,885	1.48%	1.45%	1.41%	1.37%
Canby	Canby Municipal Airport (Myers Field)	CNB	Intermediate Large	7,080	7,080	6,938	6,783	6,598	6,386	-0.40%	-0.43%	-0.47%	-0.51%
Cloquet	Cloquet-Carlton County Airport	COQ	Intermediate Large	10,530	10,530	10,728	10,914	11,060	11,161	0.37%	0.36%	0.33%	0.29%
Cook	Cook Municipal Airport	CQM	Intermediate Large	5,022	5,022	5,083	5,138	5,174	5,187	0.24%	0.23%	0.20%	0.16%
Crookston	Crookston Municipal Airport (Kirkwood Field)	CKN	Intermediate Large	11,670	11,670	11,641	11,593	11,501	11,361	-0.05%	-0.07%	-0.10%	-0.13%
Detroit Lakes	Detroit Lakes Airport (Wething Field)	DTL	Intermediate Large	16,690	16,690	17,384	18,061	18,677	19,214	0.82%	0.79%	0.75%	0.71%
Dodge Center	Dodge Center Municipal Airport	TOB	Intermediate Large	4,017	4,017	4,225	4,434	4,631	4,811	1.01%	0.99%	0.95%	0.91%
Eveleth	Eveleth-Virginia Municipal Airport	EVM	Intermediate Large	8,137	8,137	8,237	8,326	8,383	8,405	0.24%	0.23%	0.20%	0.16%
Faribault	Faribault Municipal Airport	FBL	Intermediate Large	19,169	19,169	20,013	20,843	21,605	22,279	0.87%	0.84%	0.80%	0.75%
Glenwood	Glenwood Municipal Airport	GHW	Intermediate Large	4,284	4,284	4,335	4,376	4,396	4,393	0.24%	0.21%	0.17%	0.13%
Granite Falls	Granite Falls Municipal Airport (Lenzen-Roe Memorial Field)	GDB	Intermediate Large	7,544	7,544	7,393	7,227	7,031	6,805	-0.40%	-0.43%	-0.47%	-0.51%
Hallock	Hallock Municipal Airport	HCO	Intermediate Large	13,380	13,380	13,331	13,261	13,143	12,968	-0.07%	-0.09%	-0.12%	-0.16%
Hutchinson	Hutchinson Municipal Airport (Butler Field)	HCD	Intermediate Large	7,844	7,844	8,081	8,305	8,495	8,644	0.60%	0.57%	0.53%	0.49%
Litchfield	Litchfield Municipal Airport	LJF	Intermediate Large	4,008	4,008	4,121	4,227	4,315	4,382	0.56%	0.53%	0.49%	0.45%
Little Falls	Little Falls-Morrison County Airport	LXL	Intermediate Large	19,184	19,184	19,565	19,904	20,153	20,300	0.39%	0.37%	0.33%	0.28%
Luverne	Luverne Municipal Airport	LYV	Intermediate Large	4,730	4,730	4,718	4,691	4,638	4,558	-0.05%	-0.08%	-0.13%	-0.19%
Minneapolis	Minneapolis Airlake Airport	LVN	Intermediate Large	21,055	21,055	22,781	24,587	26,411	28,223	1.59%	1.56%	1.52%	1.48%
Montevideo	Montevideo-Chippewa County Airport	MVE	Intermediate Large	7,058	7,058	6,967	6,861	6,724	6,555	-0.26%	-0.28%	-0.32%	-0.37%
Moorhead	Moorhead Municipal Airport	JKJ	Intermediate Large	8,867	8,867	9,199	9,510	9,777	9,991	0.74%	0.70%	0.65%	0.60%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Mora	Mora Municipal Airport	JMR	Intermediate Large	12,377	12,377	12,966	13,549	14,092	14,581	0.93%	0.91%	0.87%	0.82%
Morris	Morris Municipal Airport	MOX	Intermediate Large	9,366	9,366	9,360	9,331	9,259	9,139	-0.01%	-0.04%	-0.08%	-0.12%
Orr	Orr Regional Airport	ORB	Intermediate Large	1,357	1,357	1,374	1,388	1,398	1,402	0.25%	0.23%	0.20%	0.16%
Perham	Perham Municipal Airport	16D	Intermediate Large	6,235	6,235	6,374	6,500	6,597	6,661	0.44%	0.42%	0.38%	0.33%
Pipestone	Pipestone Municipal Airport	PQN	Intermediate Large	4,675	4,675	4,607	4,526	4,422	4,294	-0.29%	-0.32%	-0.37%	-0.42%
Preston	Preston Fillmore County Airport	FKA	Intermediate Large	2,449	2,449	2,461	2,466	2,461	2,443	0.10%	0.07%	0.03%	-0.01%
Princeton	Princeton Municipal Airport	PNM	Intermediate Large	7,548	7,548	7,941	8,332	8,702	9,041	1.02%	0.99%	0.95%	0.91%
Redwood Falls	Redwood Falls Municipal Airport	RWF	Intermediate Large	8,642	8,642	8,509	8,356	8,168	7,943	-0.31%	-0.34%	-0.38%	-0.42%
Roseau	Roseau Municipal Airport (Rudy Billberg Field)	ROX	Intermediate Large	14,103	14,103	14,218	14,313	14,352	14,329	0.16%	0.15%	0.12%	0.08%
Rush City	Rush City Municipal Airport	ROS	Intermediate Large	6,473	6,473	6,927	7,395	7,857	8,304	1.36%	1.34%	1.30%	1.25%
South St. Paul	South St. Paul Municipal Airport (Fleming Field)	SGS	Intermediate Large	49,331	49,331	53,374	57,605	61,879	66,124	1.59%	1.56%	1.52%	1.48%
St. James	Saint James Municipal Airport	JYG	Intermediate Large	3,908	3,908	3,872	3,827	3,765	3,684	-0.18%	-0.21%	-0.25%	-0.29%
Two Harbors	Two Harbors-Richard B. Helgeson Airport	TWM	Intermediate Large	4,429	4,429	4,490	4,544	4,582	4,599	0.27%	0.26%	0.23%	0.19%
Wadena	Wadena Municipal Airport	ADC	Intermediate Large	6,233	6,233	6,371	6,497	6,594	6,658	0.44%	0.42%	0.38%	0.33%
Ada/Twin Valley	Ada-Norman County/Ada/Twin Valley Airport	D00	Intermediate Small	3,085	3,085	3,032	2,969	2,892	2,800	-0.35%	-0.38%	-0.43%	-0.48%
Appleton	Appleton Municipal Airport	AQP	Intermediate Small	2,034	2,034	1,989	1,941	1,885	1,821	-0.45%	-0.47%	-0.51%	-0.55%
Bagley	Bagley Municipal Airport	7Y4	Intermediate Small	434	434	442	449	453	456	0.37%	0.34%	0.29%	0.25%
Blue Earth	Blue Earth Municipal Airport	SBU	Intermediate Small	7,642	7,642	7,469	7,283	7,067	6,823	-0.46%	-0.48%	-0.52%	-0.57%
Brooten	Brooten Municipal Airport	6D1	Intermediate Small	1,248	1,248	1,324	1,402	1,477	1,548	1.19%	1.17%	1.13%	1.08%
Buffalo	Buffalo Municipal Airport	CFE	Intermediate Small	14,213	14,213	15,563	17,000	18,481	19,987	1.83%	1.81%	1.77%	1.72%
Caledonia	Caledonia-Houston County Airport	CHU	Intermediate Small	2,193	2,193	2,212	2,228	2,236	2,234	0.17%	0.16%	0.13%	0.09%
Duluth	Duluth-Sky Harbor Airport & Seaplane Base	DYT	Intermediate Small	11,472	11,472	11,614	11,738	11,819	11,850	0.25%	0.23%	0.20%	0.16%
Elbow Lake	Elbow Lake Municipal Airport	Y63	Intermediate Small	7,851	6,691	6,597	6,486	6,346	6,179	-0.28%	-0.31%	-0.35%	-0.40%
Fertile	Fertile Municipal Airport	D14	Intermediate Small	6,878	7,851	7,832	7,799	7,737	7,643	-0.05%	-0.07%	-0.10%	-0.13%
Forest Lake	Forest Lake Airport	25D	Intermediate Small	5,715	6,878	7,556	8,280	9,031	9,799	1.90%	1.87%	1.83%	1.79%
Fosston	Fosston Municipal Airport	FSE	Intermediate Small	8,150	5,715	5,701	5,677	5,632	5,564	-0.05%	-0.07%	-0.10%	-0.13%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Glencoe	Glencoe Municipal Airport (Vernon Perschau Field)	GYL	Intermediate Small	6,691	8,150	8,397	8,629	8,827	8,981	0.60%	0.57%	0.53%	0.49%
Hawley	Hawley Municipal Airport	O4Y	Intermediate Small	5,225	5,225	5,420	5,604	5,761	5,887	0.74%	0.70%	0.65%	0.60%
Hector	Hector Municipal Airport	1D6	Intermediate Small	6,074	6,074	5,952	5,820	5,663	5,482	-0.40%	-0.43%	-0.47%	-0.51%
Herman	Herman Municipal Airport	O6Y	Intermediate Small	2,006	2,006	1,977	1,944	1,902	1,852	-0.29%	-0.31%	-0.35%	-0.40%
Jackson	Jackson Municipal Airport	MJQ	Intermediate Small	14,623	14,623	14,527	14,395	14,197	13,931	-0.13%	-0.16%	-0.20%	-0.24%
Le Sueur	Le Sueur Municipal Airport	12Y	Intermediate Small	1,614	1,614	1,669	1,721	1,767	1,804	0.67%	0.64%	0.61%	0.56%
Long Prairie	Long Prairie Airport (Todd Field)	14Y	Intermediate Small	4,410	4,410	4,469	4,517	4,545	4,549	0.27%	0.24%	0.20%	0.16%
Longville	Longville Municipal Airport	XVG	Intermediate Small	5,343	5,343	5,670	6,003	6,326	6,631	1.20%	1.17%	1.13%	1.09%
Madison	Madison-Lac Qui Parle Airport	DXX	Intermediate Small	2,340	2,340	2,312	2,278	2,235	2,181	-0.24%	-0.27%	-0.31%	-0.35%
Mahnomen	Mahnomen County Airport	3N8	Intermediate Small	1,621	1,621	1,637	1,649	1,654	1,649	0.20%	0.17%	0.13%	0.09%
Maple Lake	Maple Lake Municipal Airport & Seaplane Base	MGG	Intermediate Small	15,414	15,414	16,878	18,436	20,042	21,676	1.83%	1.81%	1.77%	1.72%
McGregor	McGregor-Isedor Iverson Airport	HZX	Intermediate Small	987	987	1,019	1,049	1,075	1,096	0.64%	0.61%	0.57%	0.53%
Minneapolis	Minneapolis Crystal Airport	MIC	Intermediate Small	41,541	41,541	42,459	43,290	43,928	44,345	0.44%	0.41%	0.37%	0.33%
Moose Lake	Moose Lake-Carlton County Airport	MZH	Intermediate Small	3,171	3,171	3,230	3,286	3,330	3,361	0.37%	0.36%	0.33%	0.29%
Olivia	Olivia Regional Airport	OVL	Intermediate Small	4,688	4,688	4,595	4,492	4,371	4,232	-0.40%	-0.43%	-0.47%	-0.51%
Ortonville	Ortonville Municipal Airport (Martinson Field)	VVV	Intermediate Small	3,221	3,221	3,142	3,058	2,962	2,854	-0.50%	-0.52%	-0.56%	-0.60%
Paynesville	Paynesville Municipal Airport	PEX	Intermediate Small	2,984	2,984	3,166	3,351	3,531	3,701	1.19%	1.17%	1.13%	1.08%
Pine River	Pine River Regional Airport	PWC	Intermediate Small	5,003	5,003	5,310	5,622	5,924	6,210	1.20%	1.17%	1.13%	1.09%
Pinecreek	Piney-Pinecreek Border Airport	48Y	Intermediate Small	431	431	434	437	438	438	0.14%	0.14%	0.11%	0.08%
Red Lake Falls	Red Lake Falls Municipal Airport	D81	Intermediate Small	11,345	11,345	11,409	11,457	11,460	11,412	0.11%	0.10%	0.07%	0.03%
Rushford	Rushford Municipal Airport	55Y	Intermediate Small	1,374	1,374	1,381	1,384	1,381	1,371	0.10%	0.07%	0.03%	-0.01%
Sauk Centre	Sauk Centre Municipal Airport	D39	Intermediate Small	3,889	3,889	4,127	4,368	4,602	4,823	1.20%	1.17%	1.13%	1.08%
Slayton	Slayton Municipal Airport	DVP	Intermediate Small	3,300	3,300	3,273	3,239	3,190	3,125	-0.16%	-0.19%	-0.23%	-0.27%
Springfield	Springfield Municipal Airport	D42	Intermediate Small	2,142	2,142	2,146	2,145	2,134	2,111	0.04%	0.01%	-0.02%	-0.07%
St. Paul	Saint Paul-Lake Elmo Airport	21D	Intermediate Small	16,421	16,421	18,039	19,768	21,561	23,393	1.90%	1.87%	1.83%	1.79%
Staples	Staples Municipal Airport	SAZ	Intermediate Small	7,207	7,207	7,322	7,421	7,486	7,511	0.32%	0.29%	0.25%	0.21%
Stephen	Stephen Municipal Airport	D41	Intermediate Small	12,023	12,023	11,987	11,933	11,833	11,683	-0.06%	-0.08%	-0.11%	-0.14%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Tower	Tower Municipal Airport	12D	Intermediate Small	3,517	3,517	3,560	3,599	3,624	3,633	0.24%	0.23%	0.20%	0.16%
Tracy	Tracy Municipal Airport	TKC	Intermediate Small	1,217	1,217	1,242	1,264	1,280	1,289	0.41%	0.38%	0.34%	0.29%
Walker	Walker Municipal Airport	Y49	Intermediate Small	5,152	5,152	5,468	5,789	6,100	6,394	1.20%	1.17%	1.13%	1.09%
Warren	Warren Municipal Airport	D37	Intermediate Small	9,062	9,062	9,035	8,995	8,919	8,806	-0.06%	-0.07%	-0.11%	-0.14%
Waseca	Waseca Municipal Airport	ACQ	Intermediate Small	13,211	13,211	13,361	13,480	13,535	13,520	0.23%	0.20%	0.16%	0.12%
Wheaton	Wheaton Municipal Airport	ETH	Intermediate Small	3,056	3,056	3,023	2,981	2,928	2,860	-0.22%	-0.25%	-0.28%	-0.33%
Windom	Windom Municipal Airport	MWM	Intermediate Small	5,496	5,496	5,463	5,416	5,345	5,246	-0.12%	-0.15%	-0.19%	-0.23%
Backus	Backus Municipal Airport	7Y3	Landing Strip Turf	4,017	4,017	4,263	4,514	4,756	4,986	1.20%	1.17%	1.13%	1.09%
Big Falls	Big Falls Municipal Airport	7Y9	Landing Strip Turf	200	200	198	196	194	190	-0.20%	-0.20%	-0.20%	-0.26%
Bowstring	Bowstring Airport	9Y0	Landing Strip Turf	323	323	328	332	336	338	0.31%	0.28%	0.26%	0.23%
Clarissa	Clarissa Municipal Airport	8Y5	Landing Strip Turf	456	456	462	467	470	470	0.26%	0.24%	0.20%	0.15%
East Gull Lake	East Gull Lake Airport	9Y2	Landing Strip Turf	198	198	210	223	235	246	1.18%	1.20%	1.15%	1.09%
Grygla	Grygla Municipal Airport (Mel Wilkens Field)	3G2	Landing Strip Turf	200	200	199	199	197	194	-0.10%	-0.05%	-0.10%	-0.15%
Henning	Henning Municipal Airport	05Y	Landing Strip Turf	1,517	1,517	1,551	1,581	1,605	1,620	0.44%	0.41%	0.38%	0.33%
Hill City	Hill City-Quadna Mountain Airport	07Y	Landing Strip Turf	560	560	578	595	610	622	0.63%	0.61%	0.57%	0.53%
Karlstad	Karlstad Municipal Airport	23D	Landing Strip Turf	2,006	2,006	1,998	1,988	1,970	1,944	-0.08%	-0.09%	-0.12%	-0.16%
Littlefork	Littlefork Municipal Hanover Airport	13Y	Landing Strip Turf	700	700	694	688	678	666	-0.17%	-0.17%	-0.21%	-0.25%
Milaca	Milaca Municipal Airport	18Y	Landing Strip Turf	5,006	5,006	5,266	5,526	5,772	5,997	1.02%	0.99%	0.95%	0.91%
Northome	Northome Municipal Airport	43Y	Landing Strip Turf	311	311	309	306	302	296	-0.13%	-0.16%	-0.20%	-0.25%
Pelican Rapids	Pelican Rapids Municipal Airport	47Y	Landing Strip Turf	1,664	1,664	1,701	1,735	1,760	1,777	0.44%	0.42%	0.37%	0.33%
Remer	Remer Municipal Airport	52Y	Landing Strip Turf	512	512	543	575	606	636	1.18%	1.17%	1.13%	1.09%
Sleepy Eye	Sleepy Eye Municipal Airport	Y58	Landing Strip Turf	5,000	5,000	5,010	5,007	4,980	4,928	0.04%	0.01%	-0.03%	-0.07%
Starbuck	Starbuck Municipal Airport	D32	Landing Strip Turf	1,172	1,172	1,186	1,197	1,203	1,202	0.24%	0.21%	0.17%	0.13%
Tyler	Tyler Municipal Airport	63Y	Landing Strip Turf	1,606	1,606	1,574	1,538	1,497	1,449	-0.40%	-0.43%	-0.47%	-0.51%
Waskish	Wells Municipal Airport	68Y	Landing Strip Turf	1,006	1,006	1,057	1,108	1,155	1,198	0.99%	0.97%	0.93%	0.88%
Waskish	Waskish Municipal Airport	VWU	Landing Strip Turf	5,018	5,018	4,905	4,782	4,641	4,480	-0.45%	-0.48%	-0.52%	-0.57%
Winsted	Winsted Municipal Airport	10D	Landing Strip Turf	9,986	9,986	10,289	10,573	10,815	11,005	0.60%	0.57%	0.53%	0.49%
N/A	STATEWIDE TOTAL (General Aviation [GA] ONLY)	N/A	N/A	1,262,979	1,262,979	1,297,573	1,331,194	1,360,676	1,385,053	0.54%	0.53%	0.50%	0.46%

Note: *CAGR = Compound Annual Growth Rate. (1) MnsASP airport operations estimates and forecasts shall not be used for individual airport planning or funding decisions.

Sources: Woods & Poole, 2021; Kimley-Horn, 2023

Table A.3. 2022 MnSASP Forecast Alternative: Socioeconomic – Per Capita Personal Income (PCPI)¹

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Albert Lea	Albert Lea Municipal Airport	AEL	Key General Aviation	18,523	18,523	20,175	21,725	23,087	24,396	1.72%	1.61%	1.48%	1.39%
Alexandria	Alexandria Municipal Airport (Chandler Field)	AXN	Key General Aviation	20,598	7,503	8,152	8,754	9,281	9,789	1.67%	1.55%	1.43%	1.34%
Austin	Austin Municipal Airport	AUM	Key General Aviation	21,505	21,505	23,322	25,048	26,591	28,111	1.64%	1.54%	1.43%	1.35%
Baudette	Baudette International Airport	BDE	Key General Aviation	7,503	20,598	22,239	23,705	24,865	25,897	1.54%	1.41%	1.26%	1.15%
Ely	Ely Municipal Airport	ELO	Key General Aviation	7,550	24,429	26,359	28,185	29,831	31,443	1.53%	1.44%	1.34%	1.27%
Fairmont	Fairmont Municipal Airport	FRM	Key General Aviation	9,267	3,762	4,104	4,431	4,727	5,019	1.76%	1.65%	1.53%	1.45%
Fergus Falls	Fergus Falls Municipal Airport (Einar Mickelson Field)	FFM	Key General Aviation	13,016	7,550	8,202	8,801	9,313	9,793	1.67%	1.54%	1.41%	1.31%
Grand Marais	Grand Marais-Cook County Airport	CKC	Key General Aviation	3,762	13,016	14,069	15,027	15,828	16,579	1.57%	1.45%	1.31%	1.22%
Grand Rapids	Grand Rapids-Itasca County Airport (Gordon Newstrom Field)	GPZ	Key General Aviation	25,230	9,267	10,122	10,914	11,584	12,212	1.78%	1.65%	1.50%	1.39%
Mankato	Mankato Municipal Airport	MKT	Key General Aviation	100,062	25,230	27,274	29,235	31,026	32,800	1.57%	1.48%	1.39%	1.32%
Marshall	Marshall-Southwest Minnesota Regional Airport-Marshall/Ryan Field	MML	Key General Aviation	15,926	16,357	18,014	19,670	21,292	23,004	1.95%	1.86%	1.77%	1.72%
Minneapolis	Minneapolis Anoka County/Blaine Airport (Janes Field)	ANE	Key General Aviation	71,740	71,740	75,754	79,238	82,064	84,631	1.09%	1.00%	0.90%	0.83%
Minneapolis	Minneapolis Flying Cloud Airport	FCM	Key General Aviation	104,405	104,405	113,760	123,095	132,179	141,549	1.73%	1.66%	1.58%	1.53%
New Ulm	New Ulm Municipal Airport	ULM	Key General Aviation	7,792	100,062	108,992	117,469	125,153	132,726	1.72%	1.62%	1.50%	1.42%
Owatonna	Owatonna Degner Regional Airport	OWA	Key General Aviation	16,357	15,926	17,172	18,319	19,317	20,261	1.52%	1.41%	1.30%	1.21%
Park Rapids	Park Rapids Municipal Airport	PKD	Key General Aviation	19,476	9,945	10,812	11,591	12,221	12,788	1.69%	1.54%	1.38%	1.27%
Red Wing	Red Wing Regional Airport	RGK	Key General Aviation	11,751	11,078	11,937	12,743	13,460	14,150	1.50%	1.41%	1.31%	1.23%
St. Paul	Saint Paul Downtown Airport (Holman Field)	STP	Key General Aviation	40,934	19,476	21,117	22,691	24,119	25,520	1.63%	1.54%	1.44%	1.36%
Warroad	Warroad International Airport (Swede Carlson Field)	RRT	Key General Aviation	16,617	11,751	12,692	13,565	14,350	15,119	1.55%	1.45%	1.34%	1.27%
Willmar	Willmar Municipal Airport	BDH	Key General Aviation	24,429	16,617	17,948	19,194	20,302	21,385	1.55%	1.45%	1.34%	1.27%
Winona	Winona Municipal Airport (Max Conrad Field)	ONA	Key General Aviation	9,945	40,934	44,449	47,824	50,960	54,128	1.66%	1.57%	1.47%	1.41%
Worthington	Worthington Municipal Airport	OTG	Key General Aviation	11,078	7,792	8,354	8,875	9,333	9,775	1.40%	1.31%	1.21%	1.14%
Aitkin	Aitkin Municipal Airport	AIT	Intermediate Large	13,733	13,733	15,025	16,198	17,145	17,994	1.81%	1.66%	1.49%	1.36%
Benson	Benson Municipal Airport	BBB	Intermediate Large	4,065	4,065	4,445	4,801	5,113	5,413	1.80%	1.68%	1.54%	1.44%
Bigfork	Bigfork Municipal Airport	FOZ	Intermediate Large	2,327	2,327	2,541	2,740	2,909	3,066	1.78%	1.65%	1.50%	1.39%
Cambridge	Cambridge Municipal Airport	CBG	Intermediate Large	9,821	9,821	10,504	11,112	11,608	12,056	1.35%	1.24%	1.12%	1.03%
Canby	Canby Municipal Airport (Myers Field)	CNB	Intermediate Large	7,080	7,080	7,754	8,396	8,978	9,548	1.84%	1.72%	1.60%	1.51%
Cloquet	Cloquet-Carlton County Airport	COQ	Intermediate Large	10,530	10,530	11,360	12,145	12,852	13,545	1.53%	1.44%	1.34%	1.27%
Cook	Cook Municipal Airport	CQM	Intermediate Large	5,022	5,022	5,418	5,794	6,132	6,463	1.53%	1.44%	1.34%	1.27%
Crookston	Crookston Municipal Airport (Kirkwood Field)	CKN	Intermediate Large	11,670	11,670	12,537	13,305	13,920	14,464	1.44%	1.32%	1.18%	1.08%
Detroit Lakes	Detroit Lakes Airport (Wething Field)	DTL	Intermediate Large	16,690	16,690	18,143	19,492	20,664	21,786	1.68%	1.56%	1.43%	1.34%
Dodge Center	Dodge Center Municipal Airport	TOB	Intermediate Large	4,017	4,017	4,284	4,521	4,726	4,924	1.30%	1.19%	1.09%	1.02%
Eveleth	Eveleth-Virginia Municipal Airport	EVM	Intermediate Large	8,137	8,137	8,780	9,388	9,937	10,473	1.53%	1.44%	1.34%	1.27%
Faribault	Faribault Municipal Airport	FBL	Intermediate Large	19,169	19,169	20,686	22,096	23,342	24,542	1.53%	1.43%	1.32%	1.24%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Glenwood	Glenwood Municipal Airport	GHW	Intermediate Large	4,284	4,284	4,703	5,112	5,499	5,894	1.88%	1.78%	1.68%	1.61%
Granite Falls	Granite Falls Municipal Airport (Lenzen-Roe Memorial Field)	GDB	Intermediate Large	7,544	7,544	8,263	8,946	9,567	10,174	1.84%	1.72%	1.60%	1.51%
Hallock	Hallock Municipal Airport	HCO	Intermediate Large	13,380	13,380	14,454	15,444	16,301	17,107	1.56%	1.44%	1.33%	1.24%
Hutchinson	Hutchinson Municipal Airport (Butler Field)	HCD	Intermediate Large	7,844	7,844	8,497	9,106	9,646	10,170	1.61%	1.50%	1.39%	1.31%
Litchfield	Litchfield Municipal Airport	LJF	Intermediate Large	4,008	4,008	4,345	4,654	4,925	5,186	1.63%	1.51%	1.38%	1.30%
Little Falls	Little Falls-Morrison County Airport	LXL	Intermediate Large	19,184	19,184	20,797	22,278	23,538	24,721	1.63%	1.51%	1.37%	1.28%
Luverne	Luverne Municipal Airport	LYV	Intermediate Large	4,730	4,730	5,112	5,467	5,779	6,078	1.57%	1.46%	1.34%	1.26%
Minneapolis	Minneapolis Airlake Airport	LVN	Intermediate Large	21,055	21,055	22,519	23,894	25,158	26,419	1.35%	1.27%	1.19%	1.14%
Montevideo	Montevideo-Chippewa County Airport	MVE	Intermediate Large	7,058	7,058	7,771	8,465	9,122	9,792	1.94%	1.83%	1.72%	1.65%
Moorhead	Moorhead Municipal Airport	JKJ	Intermediate Large	8,867	8,867	9,511	10,108	10,624	11,116	1.41%	1.32%	1.21%	1.14%
Mora	Mora Municipal Airport	JMR	Intermediate Large	12,377	12,377	13,327	14,144	14,770	15,313	1.49%	1.34%	1.19%	1.07%
Morris	Morris Municipal Airport	MOX	Intermediate Large	9,366	9,366	10,226	11,062	11,854	12,655	1.77%	1.68%	1.58%	1.52%
Orr	Orr Regional Airport	ORB	Intermediate Large	1,357	1,357	1,464	1,566	1,657	1,747	1.53%	1.44%	1.34%	1.27%
Perham	Perham Municipal Airport	16D	Intermediate Large	6,235	6,235	6,774	7,269	7,691	8,088	1.67%	1.55%	1.41%	1.31%
Pipestone	Pipestone Municipal Airport	PQN	Intermediate Large	4,675	4,675	5,126	5,569	5,991	6,425	1.86%	1.77%	1.67%	1.60%
Preston	Preston Fillmore County Airport	FKA	Intermediate Large	2,449	2,449	2,648	2,829	2,984	3,130	1.57%	1.45%	1.33%	1.23%
Princeton	Princeton Municipal Airport	PNM	Intermediate Large	7,548	7,548	8,139	8,660	9,063	9,411	1.52%	1.38%	1.23%	1.11%
Redwood Falls	Redwood Falls Municipal Airport	RWF	Intermediate Large	8,642	8,642	9,419	10,155	10,823	11,477	1.74%	1.63%	1.51%	1.43%
Roseau	Roseau Municipal Airport (Rudy Billberg Field)	ROX	Intermediate Large	14,103	14,103	15,232	16,279	17,222	18,144	1.55%	1.45%	1.34%	1.27%
Rush City	Rush City Municipal Airport	ROS	Intermediate Large	6,473	6,473	6,916	7,309	7,635	7,934	1.33%	1.22%	1.11%	1.02%
South St. Paul	South St. Paul Municipal Airport (Fleming Field)	SGS	Intermediate Large	49,331	49,331	52,760	55,982	58,943	61,897	1.35%	1.27%	1.19%	1.14%
St. James	Saint James Municipal Airport	JYG	Intermediate Large	3,908	3,908	4,231	4,527	4,779	5,015	1.60%	1.48%	1.35%	1.25%
Two Harbors	Two Harbors-Richard B. Helgeson Airport	TWM	Intermediate Large	4,429	4,429	4,835	5,216	5,544	5,853	1.77%	1.65%	1.51%	1.40%
Wadena	Wadena Municipal Airport	ADC	Intermediate Large	6,233	6,233	6,771	7,265	7,688	8,084	1.67%	1.54%	1.41%	1.31%
Ada/Twin Valley	Ada-Norman County/Ada/Twin Valley Airport	D00	Intermediate Small	3,085	3,085	3,367	3,635	3,875	4,108	1.76%	1.65%	1.53%	1.44%
Appleton	Appleton Municipal Airport	AQP	Intermediate Small	2,034	2,034	2,224	2,402	2,558	2,708	1.80%	1.68%	1.54%	1.44%
Bagley	Bagley Municipal Airport	7Y4	Intermediate Small	434	434	474	511	541	569	1.78%	1.65%	1.48%	1.36%
Blue Earth	Blue Earth Municipal Airport	SBU	Intermediate Small	7,642	7,642	8,342	9,004	9,598	10,175	1.77%	1.65%	1.53%	1.44%
Brooten	Brooten Municipal Airport	6D1	Intermediate Small	1,248	1,248	1,347	1,440	1,523	1,603	1.54%	1.44%	1.34%	1.26%
Buffalo	Buffalo Municipal Airport	CFE	Intermediate Small	14,213	14,213	15,125	15,926	16,602	17,239	1.25%	1.14%	1.04%	0.97%
Caledonia	Caledonia-Houston County Airport	CHU	Intermediate Small	2,193	2,193	2,354	2,496	2,615	2,724	1.43%	1.30%	1.18%	1.09%
Duluth	Duluth-Sky Harbor Airport & Seaplane Base	DYT	Intermediate Small	11,472	11,472	12,379	13,236	14,009	14,766	1.53%	1.44%	1.34%	1.27%
Elbow Lake	Elbow Lake Municipal Airport	Y63	Intermediate Small	7,851	6,691	7,357	7,995	8,580	9,161	1.92%	1.80%	1.67%	1.58%
Fertile	Fertile Municipal Airport	D14	Intermediate Small	6,878	7,851	8,435	8,951	9,365	9,731	1.45%	1.32%	1.18%	1.08%
Forest Lake	Forest Lake Airport	25D	Intermediate Small	5,715	6,878	7,278	7,647	7,980	8,310	1.14%	1.07%	1.00%	0.95%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Fosston	Fosston Municipal Airport	FSE	Intermediate Small	8,150	5,715	6,140	6,516	6,817	7,084	1.44%	1.32%	1.18%	1.08%
Glencoe	Glencoe Municipal Airport (Vernon Perschau Field)	GYL	Intermediate Small	6,691	8,150	8,829	9,462	10,023	10,567	1.61%	1.50%	1.39%	1.31%
Hawley	Hawley Municipal Airport	04Y	Intermediate Small	5,225	5,225	5,604	5,956	6,260	6,550	1.41%	1.32%	1.21%	1.14%
Hector	Hector Municipal Airport	1D6	Intermediate Small	6,074	6,074	6,602	7,105	7,563	8,015	1.68%	1.58%	1.47%	1.40%
Herman	Herman Municipal Airport	06Y	Intermediate Small	2,006	2,006	2,205	2,396	2,572	2,746	1.91%	1.79%	1.67%	1.58%
Jackson	Jackson Municipal Airport	MJQ	Intermediate Small	14,623	14,623	16,028	17,413	18,744	20,110	1.85%	1.76%	1.67%	1.61%
Le Sueur	Le Sueur Municipal Airport	12Y	Intermediate Small	1,614	1,614	1,732	1,836	1,926	2,012	1.42%	1.30%	1.19%	1.11%
Long Prairie	Long Prairie Airport (Todd Field)	14Y	Intermediate Small	4,410	4,410	4,787	5,125	5,400	5,649	1.65%	1.51%	1.36%	1.25%
Longville	Longville Municipal Airport	XVG	Intermediate Small	5,343	5,343	5,781	6,170	6,475	6,743	1.59%	1.45%	1.29%	1.17%
Madison	Madison-Lac Qui Parle Airport	DXX	Intermediate Small	2,340	2,340	2,554	2,758	2,942	3,122	1.77%	1.66%	1.54%	1.45%
Mahnomen	Mahnomen County Airport	3N8	Intermediate Small	1,621	1,621	1,786	1,937	2,061	2,174	1.96%	1.80%	1.61%	1.48%
Maple Lake	Maple Lake Municipal Airport & Seaplane Base	MGG	Intermediate Small	15,414	15,414	16,403	17,271	18,005	18,696	1.25%	1.14%	1.04%	0.97%
McGregor	McGregor-Isedor Iverson Airport	HZX	Intermediate Small	987	987	1,080	1,164	1,232	1,293	1.82%	1.66%	1.49%	1.36%
Minneapolis	Minneapolis Crystal Airport	MIC	Intermediate Small	41,541	41,541	45,263	48,977	52,592	56,320	1.73%	1.66%	1.58%	1.53%
Moose Lake	Moose Lake-Carlton County Airport	MZH	Intermediate Small	3,171	3,171	3,421	3,657	3,870	4,078	1.53%	1.44%	1.34%	1.27%
Olivia	Olivia Regional Airport	OVL	Intermediate Small	4,688	4,688	5,096	5,484	5,838	6,187	1.68%	1.58%	1.47%	1.40%
Ortonville	Ortonville Municipal Airport (Martinson Field)	VVV	Intermediate Small	3,221	3,221	3,554	3,872	4,158	4,440	1.99%	1.86%	1.72%	1.62%
Paynesville	Paynesville Municipal Airport	PEX	Intermediate Small	2,984	2,984	3,220	3,443	3,640	3,831	1.53%	1.44%	1.33%	1.26%
Pine River	Pine River Regional Airport	PWC	Intermediate Small	5,003	5,003	5,414	5,778	6,063	6,315	1.59%	1.45%	1.29%	1.17%
Pinecreek	Piney-Pinecreek Border Airport	48Y	Intermediate Small	431	431	465	497	526	554	1.53%	1.44%	1.34%	1.26%
Red Lake Falls	Red Lake Falls Municipal Airport	D81	Intermediate Small	11,345	11,345	12,111	12,768	13,280	13,723	1.32%	1.19%	1.06%	0.96%
Rushford	Rushford Municipal Airport	55Y	Intermediate Small	1,374	1,374	1,486	1,588	1,675	1,757	1.58%	1.46%	1.33%	1.24%
Sauk Centre	Sauk Centre Municipal Airport	D39	Intermediate Small	3,889	3,889	4,197	4,487	4,745	4,994	1.54%	1.44%	1.34%	1.26%
Slayton	Slayton Municipal Airport	DVP	Intermediate Small	3,300	3,300	3,591	3,866	4,117	4,365	1.70%	1.60%	1.49%	1.41%
Springfield	Springfield Municipal Airport	D42	Intermediate Small	2,142	2,142	2,333	2,515	2,679	2,841	1.72%	1.62%	1.50%	1.42%
St. Paul	Saint Paul-Lake Elmo Airport	21D	Intermediate Small	16,421	16,421	17,375	18,258	19,053	19,839	1.14%	1.07%	1.00%	0.95%
Staples	Staples Municipal Airport	SAZ	Intermediate Small	7,207	7,207	7,921	8,589	9,147	9,660	1.91%	1.77%	1.60%	1.48%
Stephen	Stephen Municipal Airport	D41	Intermediate Small	12,023	12,023	12,933	13,730	14,383	14,976	1.47%	1.34%	1.20%	1.10%
Tower	Tower Municipal Airport	12D	Intermediate Small	3,517	3,517	3,795	4,058	4,295	4,527	1.53%	1.44%	1.34%	1.27%
Tracy	Tracy Municipal Airport	TKC	Intermediate Small	1,217	1,217	1,341	1,464	1,585	1,712	1.96%	1.87%	1.78%	1.72%
Walker	Walker Municipal Airport	Y49	Intermediate Small	5,152	5,152	5,574	5,950	6,243	6,502	1.59%	1.45%	1.29%	1.17%
Warren	Warren Municipal Airport	D37	Intermediate Small	9,062	9,062	9,748	10,349	10,842	11,289	1.47%	1.34%	1.20%	1.10%
Waseca	Waseca Municipal Airport	ACQ	Intermediate Small	13,211	13,211	14,251	15,203	16,031	16,820	1.53%	1.41%	1.30%	1.21%
Wheaton	Wheaton Municipal Airport	ETH	Intermediate Small	3,056	3,056	3,323	3,575	3,800	4,016	1.69%	1.58%	1.46%	1.38%
Windom	Windom Municipal Airport	MWM	Intermediate Small	5,496	5,496	5,991	6,457	6,871	7,272	1.74%	1.62%	1.50%	1.41%
Backus	Backus Municipal Airport	7Y3	Landing Strip Turf	4,017	4,017	4,347	4,639	4,868	5,070	1.59%	1.45%	1.29%	1.17%
Big Falls	Big Falls Municipal Airport	7Y9	Landing Strip Turf	200	200	217	233	245	256	1.64%	1.54%	1.36%	1.24%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Bowstring	Bowstring Airport	9Y0	Landing Strip Turf	323	323	352	380	403	425	1.73%	1.64%	1.49%	1.38%
Clarissa	Clarissa Municipal Airport	8Y5	Landing Strip Turf	456	456	495	530	558	584	1.65%	1.52%	1.35%	1.24%
East Gull Lake	East Gull Lake Airport	9Y2	Landing Strip Turf	198	198	215	229	240	250	1.66%	1.47%	1.29%	1.17%
Grygla	Grygla Municipal Airport (Mel Wilkens Field)	3G2	Landing Strip Turf	200	200	215	228	239	249	1.46%	1.32%	1.19%	1.10%
Henning	Henning Municipal Airport	05Y	Landing Strip Turf	1,517	1,517	1,648	1,768	1,871	1,968	1.67%	1.54%	1.41%	1.31%
Hill City	Hill City-Quadna Mountain Airport	07Y	Landing Strip Turf	560	560	613	661	699	734	1.83%	1.67%	1.49%	1.36%
Karlstad	Karlstad Municipal Airport	23D	Landing Strip Turf	2,006	2,006	2,167	2,315	2,444	2,564	1.56%	1.44%	1.33%	1.23%
Littlefork	Littlefork Municipal Hanover Airport	13Y	Landing Strip Turf	700	700	761	816	859	898	1.69%	1.55%	1.37%	1.25%
Milaca	Milaca Municipal Airport	18Y	Landing Strip Turf	5,006	5,006	5,398	5,744	6,011	6,242	1.52%	1.38%	1.23%	1.11%
Northome	Northome Municipal Airport	43Y	Landing Strip Turf	311	311	339	363	382	399	1.74%	1.56%	1.38%	1.25%
Pelican Rapids	Pelican Rapids Municipal Airport	47Y	Landing Strip Turf	1,664	1,664	1,808	1,940	2,052	2,158	1.67%	1.55%	1.41%	1.31%
Remer	Remer Municipal Airport	52Y	Landing Strip Turf	512	512	554	591	621	646	1.59%	1.45%	1.30%	1.17%
Sleepy Eye	Sleepy Eye Municipal Airport	Y58	Landing Strip Turf	5,000	5,000	5,446	5,870	6,254	6,632	1.72%	1.62%	1.50%	1.42%
Starbuck	Starbuck Municipal Airport	D32	Landing Strip Turf	1,172	1,172	1,287	1,399	1,504	1,613	1.89%	1.79%	1.68%	1.61%
Tyler	Tyler Municipal Airport	63Y	Landing Strip Turf	1,606	1,606	1,769	1,929	2,078	2,230	1.95%	1.85%	1.73%	1.65%
Wells	Wells Municipal Airport	68Y	Landing Strip Turf	1,006	1,006	1,092	1,169	1,233	1,291	1.65%	1.51%	1.37%	1.25%
Waskish	Waskish Municipal Airport	VWU	Landing Strip Turf	5,018	5,018	5,478	5,912	6,303	6,682	1.77%	1.65%	1.53%	1.44%
Winsted	Winsted Municipal Airport	10D	Landing Strip Turf	9,986	9,986	10,818	11,594	12,281	12,948	1.61%	1.50%	1.39%	1.31%
N/A	STATEWIDE TOTAL (GA ONLY)	N/A	N/A	1,262,979	1,262,979	1,365,971	1,462,620	1,548,856	1,632,891	1.58%	1.48%	1.37%	1.29%

Notes: (1) MnsASP airport operations estimates and forecasts shall not be used for individual airport planning or funding decisions.

Sources: Woods & Poole (W&P), 2021; Kimley-Horn, 2023

Table A.4. 2022 MnsASP Forecast Alternative: GA Flight Hours Flown¹

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Albert Lea	Albert Lea Municipal Airport	AEL	Key General Aviation	18,523	18,523	20,912	21,625	22,323	23,301	2.46%	1.56%	1.25%	1.15%
Alexandria	Alexandria Municipal Airport (Chandler Field)	AXN	Key General Aviation	20,598	7,503	8,471	8,759	9,042	9,438	2.46%	1.56%	1.25%	1.15%
Austin	Austin Municipal Airport	AUM	Key General Aviation	21,505	21,505	24,279	25,106	25,916	27,051	2.46%	1.56%	1.25%	1.15%
Baudette	Baudette International Airport	BDE	Key General Aviation	7,503	20,598	23,255	24,048	24,823	25,910	2.46%	1.56%	1.25%	1.15%
Ely	Ely Municipal Airport	ELO	Key General Aviation	7,550	24,429	27,580	28,521	29,440	30,730	2.46%	1.56%	1.25%	1.15%
Fairmont	Fairmont Municipal Airport	FRM	Key General Aviation	9,267	3,762	4,248	4,392	4,534	4,733	2.46%	1.56%	1.25%	1.15%
Fergus Falls	Fergus Falls Municipal Airport (Einar Mickelson Field)	FFM	Key General Aviation	13,016	7,550	8,524	8,814	9,098	9,497	2.46%	1.56%	1.25%	1.15%
Grand Marais	Grand Marais-Cook County Airport	CKC	Key General Aviation	3,762	13,016	14,695	15,196	15,686	16,373	2.46%	1.56%	1.25%	1.15%
Grand Rapids	Grand Rapids-Itasca County Airport (Gordon Newstrom Field)	GPZ	Key General Aviation	25,230	9,267	10,462	10,818	11,167	11,656	2.46%	1.56%	1.25%	1.15%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Mankato	Mankato Municipal Airport	MKT	Key General Aviation	100,062	25,230	28,485	29,456	30,405	31,737	2.46%	1.56%	1.25%	1.15%
Marshall	Marshall-Southwest Minnesota Regional Airport-Marshall/Ryan Field	MML	Key General Aviation	15,926	16,357	18,467	19,097	19,712	20,576	2.46%	1.56%	1.25%	1.15%
Minneapolis	Minneapolis Anoka County/Blaine Airport (Janes Field)	ANE	Key General Aviation	71,740	71,740	80,993	83,754	86,454	90,242	2.46%	1.56%	1.25%	1.15%
Minneapolis	Minneapolis Flying Cloud Airport	FCM	Key General Aviation	104,405	104,405	117,871	121,890	125,819	131,331	2.46%	1.56%	1.25%	1.15%
New Ulm	New Ulm Municipal Airport	ULM	Key General Aviation	7,792	100,062	112,968	116,820	120,585	125,868	2.46%	1.56%	1.25%	1.15%
Owatonna	Owatonna Degner Regional Airport	OWA	Key General Aviation	16,357	15,926	17,980	18,593	19,192	20,033	2.46%	1.56%	1.25%	1.15%
Park Rapids	Park Rapids Municipal Airport	PKD	Key General Aviation	19,476	9,945	11,227	11,610	11,984	12,509	2.45%	1.56%	1.25%	1.15%
Red Wing	Red Wing Regional Airport	RGK	Key General Aviation	11,751	11,078	12,507	12,933	13,350	13,935	2.46%	1.56%	1.25%	1.15%
St. Paul	Saint Paul Downtown Airport (Holman Field)	STP	Key General Aviation	40,934	19,476	21,988	22,737	23,470	24,499	2.46%	1.56%	1.25%	1.15%
Warroad	Warroad International Airport (Swede Carlson Field)	RRT	Key General Aviation	16,617	11,751	13,267	13,719	14,161	14,782	2.46%	1.56%	1.25%	1.15%
Willmar	Willmar Municipal Airport	BDH	Key General Aviation	24,429	16,617	18,761	19,400	20,026	20,903	2.46%	1.56%	1.25%	1.15%
Winona	Winona Municipal Airport (Max Conrad Field)	ONA	Key General Aviation	9,945	40,934	46,214	47,789	49,330	51,491	2.46%	1.56%	1.25%	1.15%
Worthington	Worthington Municipal Airport	OTG	Key General Aviation	11,078	7,792	8,797	9,097	9,390	9,802	2.46%	1.56%	1.25%	1.15%
Aitkin	Aitkin Municipal Airport	AIT	Intermediate Large	13,733	13,733	15,504	16,032	16,549	17,274	2.46%	1.56%	1.25%	1.15%
Benson	Benson Municipal Airport	BBB	Intermediate Large	4,065	4,065	4,590	4,746	4,899	5,114	2.46%	1.56%	1.25%	1.15%
Bigfork	Bigfork Municipal Airport	FOZ	Intermediate Large	2,327	2,327	2,627	2,716	2,804	2,927	2.45%	1.56%	1.25%	1.15%
Cambridge	Cambridge Municipal Airport	CBG	Intermediate Large	9,821	9,821	11,088	11,466	11,835	12,354	2.46%	1.56%	1.25%	1.15%
Canby	Canby Municipal Airport (Myers Field)	CNB	Intermediate Large	7,080	7,080	7,993	8,266	8,532	8,906	2.46%	1.56%	1.25%	1.15%
Cloquet	Cloquet-Carlton County Airport	COQ	Intermediate Large	10,530	10,530	11,888	12,293	12,690	13,246	2.46%	1.56%	1.25%	1.15%
Cook	Cook Municipal Airport	CQM	Intermediate Large	5,022	5,022	5,669	5,863	6,052	6,317	2.45%	1.56%	1.25%	1.15%
Crookston	Crookston Municipal Airport (Kirkwood Field)	CKN	Intermediate Large	11,670	11,670	13,175	13,624	14,063	14,679	2.46%	1.56%	1.25%	1.15%
Detroit Lakes	Detroit Lakes Airport (Wething Field)	DTL	Intermediate Large	16,690	16,690	18,842	19,485	20,113	20,994	2.46%	1.56%	1.25%	1.15%
Dodge Center	Dodge Center Municipal Airport	TOB	Intermediate Large	4,017	4,017	4,535	4,689	4,841	5,053	2.46%	1.56%	1.25%	1.15%
Eveleth	Eveleth-Virginia Municipal Airport	EVM	Intermediate Large	8,137	8,137	9,187	9,500	9,806	10,236	2.46%	1.56%	1.25%	1.15%
Faribault	Faribault Municipal Airport	FBL	Intermediate Large	19,169	19,169	21,642	22,380	23,101	24,113	2.46%	1.56%	1.25%	1.15%
Glenwood	Glenwood Municipal Airport	GHW	Intermediate Large	4,284	4,284	4,837	5,001	5,163	5,389	2.46%	1.56%	1.25%	1.15%
Granite Falls	Granite Falls Municipal Airport (Lenzen-Roe Memorial Field)	GDB	Intermediate Large	7,544	7,544	8,517	8,808	9,092	9,490	2.46%	1.56%	1.25%	1.15%
Hallock	Hallock Municipal Airport	HCO	Intermediate Large	13,380	13,380	15,105	15,620	16,124	16,830	2.45%	1.56%	1.25%	1.15%
Hutchinson	Hutchinson Municipal Airport (Butler Field)	HCD	Intermediate Large	7,844	7,844	8,855	9,157	9,452	9,867	2.45%	1.56%	1.25%	1.15%
Litchfield	Litchfield Municipal Airport	LJF	Intermediate Large	4,008	4,008	4,525	4,679	4,830	5,042	2.46%	1.56%	1.25%	1.15%
Little Falls	Little Falls-Morrison County Airport	LXL	Intermediate Large	19,184	19,184	21,659	22,397	23,119	24,132	2.46%	1.56%	1.25%	1.15%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Luverne	Luverne Municipal Airport	LYV	Intermediate Large	4,730	4,730	5,340	5,522	5,700	5,950	2.46%	1.56%	1.25%	1.15%
Minneapolis	Minneapolis Airlake Airport	LVN	Intermediate Large	21,055	21,055	23,771	24,582	25,374	26,486	2.46%	1.56%	1.25%	1.15%
Montevideo	Montevideo-Chippewa County Airport	MVE	Intermediate Large	7,058	7,058	7,969	8,240	8,506	8,879	2.46%	1.56%	1.25%	1.15%
Moorhead	Moorhead Municipal Airport	JKJ	Intermediate Large	8,867	8,867	10,011	10,352	10,686	11,154	2.46%	1.56%	1.25%	1.15%
Mora	Mora Municipal Airport	JMR	Intermediate Large	12,377	12,377	13,973	14,450	14,916	15,569	2.46%	1.56%	1.25%	1.15%
Morris	Morris Municipal Airport	MOX	Intermediate Large	9,366	9,366	10,574	10,934	11,287	11,781	2.46%	1.56%	1.25%	1.15%
Orr	Orr Regional Airport	ORB	Intermediate Large	1,357	1,357	1,532	1,584	1,635	1,707	2.46%	1.56%	1.25%	1.15%
Perham	Perham Municipal Airport	16D	Intermediate Large	6,235	6,235	7,040	7,280	7,514	7,843	2.46%	1.56%	1.25%	1.15%
Pipestone	Pipestone Municipal Airport	PQN	Intermediate Large	4,675	4,675	5,278	5,458	5,634	5,881	2.46%	1.56%	1.25%	1.15%
Preston	Preston Fillmore County Airport	FKA	Intermediate Large	2,449	2,449	2,764	2,859	2,951	3,080	2.45%	1.56%	1.25%	1.15%
Princeton	Princeton Municipal Airport	PNM	Intermediate Large	7,548	7,548	8,522	8,812	9,096	9,495	2.46%	1.56%	1.25%	1.15%
Redwood Falls	Redwood Falls Municipal Airport	RWF	Intermediate Large	8,642	8,642	9,757	10,089	10,414	10,871	2.46%	1.56%	1.25%	1.15%
Roseau	Roseau Municipal Airport (Rudy Billberg Field)	ROX	Intermediate Large	14,103	14,103	15,922	16,464	16,995	17,740	2.46%	1.56%	1.25%	1.15%
Rush City	Rush City Municipal Airport	ROS	Intermediate Large	6,473	6,473	7,308	7,557	7,801	8,143	2.46%	1.56%	1.25%	1.15%
South St. Paul	South St. Paul Municipal Airport (Fleming Field)	SGS	Intermediate Large	49,331	49,331	55,693	57,592	59,448	62,053	2.46%	1.56%	1.25%	1.15%
St. James	Saint James Municipal Airport	JYG	Intermediate Large	3,908	3,908	4,412	4,563	4,710	4,916	2.46%	1.56%	1.25%	1.15%
Two Harbors	Two Harbors-Richard B. Helgeson Airport	TWM	Intermediate Large	4,429	4,429	5,001	5,171	5,338	5,572	2.46%	1.56%	1.25%	1.15%
Wadena	Wadena Municipal Airport	ADC	Intermediate Large	6,233	6,233	7,036	7,276	7,511	7,840	2.45%	1.56%	1.25%	1.15%
Ada/Twin Valley	Ada-Norman County/Ada/Twin Valley Airport	D00	Intermediate Small	2,034	2,034	2,296	2,375	2,451	2,559	2.45%	1.56%	1.25%	1.15%
Appleton	Appleton Municipal Airport	AQP	Intermediate Small	434	434	490	507	523	546	2.46%	1.57%	1.25%	1.15%
Bagley	Bagley Municipal Airport	7Y4	Intermediate Small	7,642	7,642	8,627	8,921	9,209	9,612	2.45%	1.56%	1.25%	1.15%
Blue Earth	Blue Earth Municipal Airport	SBU	Intermediate Small	1,248	1,248	1,409	1,457	1,504	1,570	2.46%	1.56%	1.25%	1.15%
Brooten	Brooten Municipal Airport	6D1	Intermediate Small	14,213	14,213	16,046	16,593	17,128	17,878	2.46%	1.56%	1.25%	1.15%
Buffalo	Buffalo Municipal Airport	CFE	Intermediate Small	2,193	2,193	2,475	2,560	2,642	2,758	2.45%	1.56%	1.25%	1.15%
Caledonia	Caledonia-Houston County Airport	CHU	Intermediate Small	11,472	11,472	12,952	13,394	13,825	14,431	2.46%	1.56%	1.25%	1.15%
Duluth	Duluth-Sky Harbor Airport & Seaplane Base	DYT	Intermediate Small	7,851	6,691	7,554	7,812	8,064	8,417	2.46%	1.56%	1.25%	1.15%
Elbow Lake	Elbow Lake Municipal Airport	Y63	Intermediate Small	6,878	7,851	8,864	9,166	9,461	9,876	2.46%	1.56%	1.25%	1.15%
Fertile	Fertile Municipal Airport	D14	Intermediate Small	5,715	6,878	7,765	8,030	8,289	8,652	2.46%	1.56%	1.25%	1.15%
Forest Lake	Forest Lake Airport	25D	Intermediate Small	8,150	5,715	6,452	6,672	6,887	7,189	2.46%	1.56%	1.25%	1.15%
Fosston	Fosston Municipal Airport	FSE	Intermediate Small	6,691	8,150	9,201	9,515	9,822	10,252	2.46%	1.56%	1.25%	1.15%
Glencoe	Glencoe Municipal Airport (Vernon Perschau Field)	GYL	Intermediate Small	5,225	5,225	5,899	6,100	6,297	6,572	2.46%	1.56%	1.25%	1.15%
Hawley	Hawley Municipal Airport	04Y	Intermediate Small	6,074	6,074	6,857	7,091	7,319	7,640	2.45%	1.56%	1.25%	1.15%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Hector	Hector Municipal Airport	1D6	Intermediate Small	2,006	2,006	2,264	2,342	2,417	2,523	2.45%	1.56%	1.25%	1.15%
Herman	Herman Municipal Airport	06Y	Intermediate Small	14,623	14,623	16,509	17,072	17,622	18,394	2.46%	1.56%	1.25%	1.15%
Jackson	Jackson Municipal Airport	MJQ	Intermediate Small	1,614	1,614	1,822	1,884	1,945	2,030	2.45%	1.56%	1.25%	1.15%
Le Sueur	Le Sueur Municipal Airport	12Y	Intermediate Small	4,410	4,410	4,978	5,148	5,314	5,547	2.45%	1.56%	1.25%	1.15%
Long Prairie	Long Prairie Airport (Todd Field)	14Y	Intermediate Small	5,343	5,343	6,032	6,237	6,438	6,720	2.46%	1.56%	1.25%	1.15%
Longville	Longville Municipal Airport	XVG	Intermediate Small	2,340	2,340	2,642	2,732	2,820	2,943	2.46%	1.56%	1.25%	1.15%
Madison	Madison-Lac Qui Parle Airport	DXX	Intermediate Small	1,621	1,621	1,830	1,892	1,953	2,039	2.46%	1.56%	1.25%	1.15%
Mahnomen	Mahnomen County Airport	3N8	Intermediate Small	15,414	15,414	17,402	17,995	18,575	19,389	2.46%	1.56%	1.25%	1.15%
Maple Lake	Maple Lake Municipal Airport & Seaplane Base	MGG	Intermediate Small	987	987	1,114	1,152	1,189	1,242	2.45%	1.56%	1.25%	1.16%
McGregor	McGregor-Isedor Iverson Airport	HZX	Intermediate Small	14,103	14,103	15,922	16,464	16,995	17,740	2.46%	1.56%	1.25%	1.15%
Minneapolis	Minneapolis Crystal Airport	MIC	Intermediate Small	41,541	41,541	46,899	48,498	50,061	52,254	2.46%	1.56%	1.25%	1.15%
Moose Lake	Moose Lake-Carlton County Airport	MZH	Intermediate Small	3,171	3,171	3,580	3,702	3,821	3,988	2.46%	1.56%	1.25%	1.15%
Olivia	Olivia Regional Airport	OVL	Intermediate Small	4,688	4,688	5,293	5,474	5,650	5,898	2.46%	1.56%	1.25%	1.15%
Ortonville	Ortonville Municipal Airport (Martinson Field)	VVV	Intermediate Small	3,221	3,221	3,636	3,760	3,881	4,051	2.45%	1.56%	1.25%	1.15%
Paynesville	Paynesville Municipal Airport	PEX	Intermediate Small	2,984	2,984	3,368	3,483	3,596	3,753	2.45%	1.56%	1.25%	1.15%
Pine River	Pine River Regional Airport	PWC	Intermediate Small	5,003	5,003	5,648	5,841	6,029	6,293	2.45%	1.56%	1.25%	1.15%
Pinecreek	Piney-Pinecreek Border Airport	48Y	Intermediate Small	431	431	486	503	519	542	2.43%	1.56%	1.25%	1.15%
Red Lake Falls	Red Lake Falls Municipal Airport	D81	Intermediate Small	11,345	11,345	12,809	13,245	13,672	14,271	2.46%	1.56%	1.25%	1.15%
Rushford	Rushford Municipal Airport	55Y	Intermediate Small	1,374	1,374	1,552	1,604	1,656	1,729	2.47%	1.56%	1.25%	1.16%
Sauk Centre	Sauk Centre Municipal Airport	D39	Intermediate Small	3,889	3,889	4,391	4,540	4,687	4,892	2.46%	1.56%	1.25%	1.15%
Slayton	Slayton Municipal Airport	DVP	Intermediate Small	3,300	3,300	3,726	3,853	3,977	4,151	2.46%	1.56%	1.25%	1.15%
Springfield	Springfield Municipal Airport	D42	Intermediate Small	2,142	2,142	2,418	2,501	2,581	2,695	2.45%	1.56%	1.25%	1.15%
St. Paul	Saint Paul-Lake Elmo Airport	21D	Intermediate Small	16,421	16,421	18,539	19,171	19,789	20,656	2.46%	1.56%	1.25%	1.15%
Staples	Staples Municipal Airport	SAZ	Intermediate Small	7,207	7,207	8,136	8,414	8,685	9,066	2.45%	1.56%	1.25%	1.15%
Stephen	Stephen Municipal Airport	D41	Intermediate Small	12,023	12,023	13,573	14,036	14,489	15,123	2.45%	1.56%	1.25%	1.15%
Tower	Tower Municipal Airport	12D	Intermediate Small	3,517	3,517	3,971	4,106	4,239	4,424	2.46%	1.56%	1.25%	1.15%
Tracy	Tracy Municipal Airport	TKC	Intermediate Small	1,217	1,217	1,374	1,421	1,467	1,531	2.46%	1.56%	1.25%	1.15%
Walker	Walker Municipal Airport	Y49	Intermediate Small	5,152	5,152	5,816	6,014	6,208	6,480	2.45%	1.56%	1.25%	1.15%
Warren	Warren Municipal Airport	D37	Intermediate Small	9,062	9,062	10,231	10,580	10,921	11,400	2.46%	1.56%	1.25%	1.15%
Waseca	Waseca Municipal Airport	ACQ	Intermediate Small	13,211	13,211	14,915	15,424	15,921	16,619	2.46%	1.56%	1.25%	1.15%
Wheaton	Wheaton Municipal Airport	ETH	Intermediate Small	3,056	3,056	3,451	3,568	3,683	3,845	2.46%	1.56%	1.25%	1.15%
Windom	Windom Municipal Airport	MWM	Intermediate Small	5,496	5,496	6,205	6,416	6,623	6,913	2.46%	1.56%	1.25%	1.15%
Backus	Backus Municipal Airport	7Y3	Landing Strip Turf	4,017	4,017	4,535	4,690	4,841	5,053	2.46%	1.56%	1.25%	1.15%
Big Falls	Big Falls Municipal Airport	7Y9	Landing Strip Turf	200	200	226	233	241	252	2.47%	1.54%	1.25%	1.16%
Bowstring	Bowstring Airport	9Y0	Landing Strip Turf	323	323	364	377	389	406	2.42%	1.56%	1.25%	1.15%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Clarissa	Clarissa Municipal Airport	8Y5	Landing Strip Turf	456	456	515	532	550	574	2.46%	1.55%	1.26%	1.16%
East Gull Lake	East Gull Lake Airport	9Y2	Landing Strip Turf	198	198	224	232	239	249	2.50%	1.60%	1.26%	1.15%
Grygla	Grygla Municipal Airport (Mel Wilkens Field)	3G2	Landing Strip Turf	200	200	226	233	241	252	2.47%	1.54%	1.25%	1.16%
Henning	Henning Municipal Airport	05Y	Landing Strip Turf	1,517	1,517	1,713	1,771	1,828	1,908	2.46%	1.56%	1.25%	1.15%
Hill City	Hill City-Quadna Mountain Airport	07Y	Landing Strip Turf	560	560	632	654	675	705	2.45%	1.56%	1.25%	1.16%
Karlstad	Karlstad Municipal Airport	23D	Landing Strip Turf	2,006	2,006	2,264	2,342	2,417	2,523	2.45%	1.56%	1.25%	1.15%
Littlefork	Littlefork Municipal Hanover Airport	13Y	Landing Strip Turf	700	700	790	817	844	881	2.45%	1.56%	1.25%	1.16%
Milaca	Milaca Municipal Airport	18Y	Landing Strip Turf	5,006	5,006	5,652	5,845	6,033	6,297	2.46%	1.56%	1.25%	1.15%
Northome	Northome Municipal Airport	43Y	Landing Strip Turf	311	311	351	363	375	392	2.45%	1.56%	1.26%	1.16%
Pelican Rapids	Pelican Rapids Municipal Airport	47Y	Landing Strip Turf	1,664	1,664	1,879	1,943	2,005	2,093	2.46%	1.56%	1.25%	1.15%
Remer	Remer Municipal Airport	52Y	Landing Strip Turf	512	512	578	598	617	644	2.45%	1.56%	1.25%	1.15%
Sleepy Eye	Sleepy Eye Municipal Airport	Y58	Landing Strip Turf	5,000	5,000	5,645	5,837	6,026	6,290	2.46%	1.56%	1.25%	1.15%
Starbuck	Starbuck Municipal Airport	D32	Landing Strip Turf	1,172	1,172	1,323	1,368	1,413	1,474	2.45%	1.56%	1.25%	1.15%
Tyler	Tyler Municipal Airport	63Y	Landing Strip Turf	1,606	1,606	1,813	1,875	1,935	2,020	2.45%	1.56%	1.25%	1.15%
Waskish	Wells Municipal Airport	68Y	Landing Strip Turf	1,006	1,006	1,136	1,175	1,213	1,266	2.46%	1.56%	1.26%	1.16%
Waskish	Waskish Municipal Airport	VWU	Landing Strip Turf	5,018	5,018	5,665	5,858	6,047	6,312	2.46%	1.56%	1.25%	1.15%
Winsted	Winsted Municipal Airport	10D	Landing Strip Turf	9,986	9,986	11,274	11,659	12,035	12,562	2.46%	1.56%	1.25%	1.15%
N/A	STATEWIDE TOTAL (GA ONLY)	N/A	N/A	1,262,979	1,262,979	1,425,877	1,474,486	1,522,019	1,588,707	2.46%	1.56%	1.25%	1.15%

Notes: (1) MnsASP airport operations estimates and forecasts shall not be used for individual airport planning or funding decisions.

Sources: FAA Aerospace Forecasts, 2021 – 2041; Kimley-Horn, 2023

Table A.5. 2022 MnsASP Forecast Alternative: Socioeconomic – GA Flight Hours Flown Blend¹

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Albert Lea	Albert Lea Municipal Airport	AEL	Key General Aviation	18,523	18,523	19,801	20,472	21,049	21,673	1.34%	1.01%	0.86%	0.79%
Alexandria	Alexandria Municipal Airport (Chandler Field)	AXN	Key General Aviation	20,598	7,503	8,153	8,560	8,931	9,321	1.68%	1.33%	1.17%	1.09%
Austin	Austin Municipal Airport	AUM	Key General Aviation	21,505	21,505	23,100	23,999	24,796	25,657	1.44%	1.10%	0.95%	0.89%
Baudette	Baudette International Airport	BDE	Key General Aviation	7,503	20,598	22,085	22,879	23,540	24,232	1.40%	1.06%	0.89%	0.82%
Ely	Ely Municipal Airport	ELO	Key General Aviation	7,550	24,429	26,223	27,234	28,146	29,136	1.43%	1.09%	0.95%	0.88%
Fairmont	Fairmont Municipal Airport	FRM	Key General Aviation	9,267	3,762	4,025	4,166	4,290	4,427	1.36%	1.03%	0.88%	0.82%
Fergus Falls	Fergus Falls Municipal Airport (Einar Mickelson Field)	FFM	Key General Aviation	13,016	7,550	8,148	8,495	8,800	9,118	1.54%	1.19%	1.03%	0.95%
Grand Marais	Grand Marais-Cook County Airport	CKC	Key General Aviation	3,762	13,016	14,100	14,760	15,351	15,976	1.61%	1.27%	1.11%	1.03%
Grand Rapids	Grand Rapids-Itasca County Airport (Gordon Newstrom Field)	GPZ	Key General Aviation	25,230	9,267	9,998	10,424	10,796	11,187	1.53%	1.18%	1.02%	0.95%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Mankato	Mankato Municipal Airport	MKT	Key General Aviation	100,062	25,230	27,382	28,740	30,005	31,354	1.65%	1.31%	1.16%	1.09%
Marshall	Marshall-Southwest Minnesota Regional Airport-Marshall/Ryan Field	MML	Key General Aviation	15,926	16,357	17,722	18,582	19,400	20,301	1.62%	1.28%	1.14%	1.09%
Minneapolis	Minneapolis Anoka County/Blaine Airport (Janes Field)	ANE	Key General Aviation	71,740	71,740	78,033	82,063	85,860	89,906	1.70%	1.35%	1.21%	1.13%
Minneapolis	Minneapolis Flying Cloud Airport	FCM	Key General Aviation	104,405	104,405	112,781	117,928	122,801	128,111	1.56%	1.23%	1.09%	1.03%
New Ulm	New Ulm Municipal Airport	ULM	Key General Aviation	7,792	100,062	107,405	111,495	115,134	119,072	1.43%	1.09%	0.94%	0.87%
Owatonna	Owatonna Degner Regional Airport	OWA	Key General Aviation	16,357	15,926	17,227	18,007	18,712	19,454	1.58%	1.24%	1.08%	1.01%
Park Rapids	Park Rapids Municipal Airport	PKD	Key General Aviation	19,476	9,945	10,782	11,285	11,723	12,173	1.63%	1.27%	1.10%	1.02%
Red Wing	Red Wing Regional Airport	RGK	Key General Aviation	11,751	11,078	11,979	12,522	13,019	13,544	1.58%	1.23%	1.08%	1.01%
St. Paul	Saint Paul Downtown Airport (Holman Field)	STP	Key General Aviation	40,934	19,476	20,993	21,886	22,695	23,559	1.51%	1.17%	1.02%	0.96%
Warroad	Warroad International Airport (Swede Carlson Field)	RRT	Key General Aviation	16,617	11,751	12,602	13,070	13,490	13,947	1.41%	1.07%	0.92%	0.86%
Willmar	Willmar Municipal Airport	BDH	Key General Aviation	24,429	16,617	17,998	18,843	19,617	20,439	1.61%	1.27%	1.11%	1.04%
Winona	Winona Municipal Airport (Max Conrad Field)	ONA	Key General Aviation	9,945	40,934	44,150	46,055	47,805	49,700	1.52%	1.19%	1.04%	0.97%
Worthington	Worthington Municipal Airport	OTG	Key General Aviation	11,078	7,792	8,354	8,660	8,928	9,214	1.40%	1.06%	0.91%	0.84%
Aitkin	Aitkin Municipal Airport	AIT	Intermediate Large	13,733	13,733	14,902	15,609	16,219	16,841	1.65%	1.29%	1.12%	1.03%
Benson	Benson Municipal Airport	BBB	Intermediate Large	4,065	4,065	4,337	4,475	4,593	4,722	1.30%	0.97%	0.82%	0.75%
Bigfork	Bigfork Municipal Airport	FOZ	Intermediate Large	2,327	2,327	2,510	2,617	2,711	2,809	1.53%	1.18%	1.02%	0.95%
Cambridge	Cambridge Municipal Airport	CBG	Intermediate Large	9,821	9,821	10,720	11,308	11,855	12,432	1.77%	1.42%	1.26%	1.19%
Canby	Canby Municipal Airport (Myers Field)	CNB	Intermediate Large	7,080	7,080	7,562	7,815	8,036	8,280	1.33%	0.99%	0.85%	0.79%
Cloquet	Cloquet-Carlton County Airport	COQ	Intermediate Large	10,530	10,530	11,325	11,784	12,201	12,651	1.47%	1.13%	0.99%	0.92%
Cook	Cook Municipal Airport	CQM	Intermediate Large	5,022	5,022	5,390	5,598	5,786	5,989	1.42%	1.09%	0.95%	0.88%
Crookston	Crookston Municipal Airport (Kirkwood Field)	CKN	Intermediate Large	11,670	11,670	12,451	12,841	13,161	13,501	1.30%	0.96%	0.80%	0.73%
Detroit Lakes	Detroit Lakes Airport (Wething Field)	DTL	Intermediate Large	16,690	16,690	18,123	19,013	19,818	20,665	1.66%	1.31%	1.15%	1.07%
Dodge Center	Dodge Center Municipal Airport	TOB	Intermediate Large	4,017	4,017	4,348	4,548	4,733	4,929	1.60%	1.25%	1.10%	1.03%
Eveleth	Eveleth-Virginia Municipal Airport	EVM	Intermediate Large	8,137	8,137	8,735	9,071	9,375	9,705	1.43%	1.09%	0.95%	0.88%
Faribault	Faribault Municipal Airport	FBL	Intermediate Large	19,169	19,169	20,780	21,773	22,683	23,645	1.63%	1.28%	1.13%	1.05%
Glenwood	Glenwood Municipal Airport	GHW	Intermediate Large	4,284	4,284	4,625	4,830	5,019	5,225	1.54%	1.21%	1.06%	1.00%
Granite Falls	Granite Falls Municipal Airport (Lenzen-Roe Memorial Field)	GDB	Intermediate Large	7,544	7,544	8,058	8,327	8,563	8,823	1.33%	0.99%	0.85%	0.79%
Hallock	Hallock Municipal Airport	HCO	Intermediate Large	13,380	13,380	14,297	14,775	15,189	15,635	1.33%	1.00%	0.85%	0.78%
Hutchinson	Hutchinson Municipal Airport (Butler Field)	HCD	Intermediate Large	7,844	7,844	8,478	8,856	9,198	9,560	1.57%	1.22%	1.07%	0.99%
Litchfield	Litchfield Municipal Airport	LJF	Intermediate Large	4,008	4,008	4,330	4,520	4,690	4,870	1.56%	1.21%	1.05%	0.98%
Little Falls	Little Falls-Morrison County Airport	LXL	Intermediate Large	19,184	19,184	20,674	21,526	22,270	23,051	1.51%	1.16%	1.00%	0.92%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Luverne	Luverne Municipal Airport	LYV	Intermediate Large	4,730	4,730	5,057	5,227	5,372	5,529	1.34%	1.00%	0.85%	0.78%
Minneapolis	Minneapolis Airlake Airport	LVN	Intermediate Large	21,055	21,055	23,024	24,354	25,648	27,043	1.80%	1.47%	1.32%	1.26%
Montevideo	Montevideo-Chippewa County Airport	MVE	Intermediate Large	7,058	7,058	7,569	7,855	8,117	8,409	1.41%	1.08%	0.94%	0.88%
Moorhead	Moorhead Municipal Airport	JKJ	Intermediate Large	8,867	8,867	9,574	9,990	10,362	10,754	1.55%	1.20%	1.04%	0.97%
Mora	Mora Municipal Airport	JMR	Intermediate Large	12,377	12,377	13,422	14,048	14,593	15,154	1.63%	1.27%	1.10%	1.02%
Morris	Morris Municipal Airport	MOX	Intermediate Large	9,366	9,366	10,053	10,442	10,800	11,192	1.43%	1.09%	0.95%	0.89%
Orr	Orr Regional Airport	ORB	Intermediate Large	1,357	1,357	1,457	1,513	1,563	1,619	1.43%	1.09%	0.95%	0.89%
Perham	Perham Municipal Airport	16D	Intermediate Large	6,235	6,235	6,729	7,016	7,267	7,531	1.54%	1.19%	1.03%	0.95%
Pipestone	Pipestone Municipal Airport	PQN	Intermediate Large	4,675	4,675	5,004	5,184	5,349	5,533	1.37%	1.04%	0.90%	0.85%
Preston	Preston Fillmore County Airport	FKA	Intermediate Large	2,449	2,449	2,624	2,718	2,799	2,884	1.39%	1.05%	0.89%	0.82%
Princeton	Princeton Municipal Airport	PNM	Intermediate Large	7,548	7,548	8,201	8,601	8,954	9,316	1.67%	1.31%	1.15%	1.06%
Redwood Falls	Redwood Falls Municipal Airport	RWF	Intermediate Large	8,642	8,642	9,228	9,533	9,802	10,097	1.32%	0.99%	0.84%	0.78%
Roseau	Roseau Municipal Airport (Rudy Billberg Field)	ROX	Intermediate Large	14,103	14,103	15,124	15,685	16,190	16,738	1.41%	1.07%	0.92%	0.86%
Rush City	Rush City Municipal Airport	ROS	Intermediate Large	6,473	6,473	7,050	7,420	7,764	8,127	1.72%	1.38%	1.22%	1.14%
South St. Paul	South St. Paul Municipal Airport (Fleming Field)	SGS	Intermediate Large	49,331	49,331	53,942	57,060	60,090	63,358	1.80%	1.47%	1.32%	1.26%
St. James	Saint James Municipal Airport	JYG	Intermediate Large	3,908	3,908	4,172	4,306	4,418	4,538	1.31%	0.97%	0.82%	0.75%
Two Harbors	Two Harbors-Richard B. Helgeson Airport	TWM	Intermediate Large	4,429	4,429	4,775	4,977	5,155	5,341	1.52%	1.17%	1.02%	0.94%
Wadena	Wadena Municipal Airport	ADC	Intermediate Large	6,233	6,233	6,726	7,013	7,264	7,527	1.53%	1.19%	1.03%	0.95%
Ada/Twin Valley	Ada-Norman County/Ada/Twin Valley Airport	D00	Intermediate Small	3,085	3,085	3,294	3,402	3,495	3,596	1.32%	0.98%	0.84%	0.77%
Appleton	Appleton Municipal Airport	AQP	Intermediate Small	2,034	2,034	2,170	2,239	2,298	2,363	1.30%	0.97%	0.82%	0.75%
Bagley	Bagley Municipal Airport	7Y4	Intermediate Small	434	434	469	489	506	524	1.55%	1.20%	1.02%	0.94%
Blue Earth	Blue Earth Municipal Airport	SBU	Intermediate Small	7,642	7,642	8,146	8,403	8,625	8,870	1.29%	0.95%	0.81%	0.75%
Brooten	Brooten Municipal Airport	6D1	Intermediate Small	1,248	1,248	1,360	1,433	1,501	1,574	1.73%	1.39%	1.24%	1.17%
Buffalo	Buffalo Municipal Airport	CFE	Intermediate Small	14,213	14,213	15,578	16,506	17,404	18,368	1.85%	1.51%	1.36%	1.29%
Caledonia	Caledonia-Houston County Airport	CHU	Intermediate Small	2,193	2,193	2,347	2,428	2,498	2,572	1.37%	1.02%	0.87%	0.80%
Duluth	Duluth-Sky Harbor Airport & Seaplane Base	DYT	Intermediate Small	11,472	11,472	12,315	12,789	13,218	13,682	1.43%	1.09%	0.95%	0.88%
Elbow Lake	Elbow Lake Municipal Airport	Y63	Intermediate Small	7,851	6,691	7,169	7,431	7,663	7,919	1.39%	1.05%	0.91%	0.85%
Fertile	Fertile Municipal Airport	D14	Intermediate Small	6,878	7,851	8,377	8,639	8,854	9,083	1.31%	0.96%	0.80%	0.73%
Forest Lake	Forest Lake Airport	25D	Intermediate Small	5,715	6,878	7,533	7,986	8,433	8,920	1.84%	1.50%	1.37%	1.31%
Fosston	Fosston Municipal Airport	FSE	Intermediate Small	8,150	5,715	6,098	6,288	6,445	6,612	1.30%	0.96%	0.80%	0.73%
Glencoe	Glencoe Municipal Airport (Vernon Perschau Field)	GYL	Intermediate Small	6,691	8,150	8,809	9,202	9,557	9,933	1.57%	1.22%	1.07%	0.99%
Hawley	Hawley Municipal Airport	O4Y	Intermediate Small	5,225	5,225	5,641	5,887	6,106	6,336	1.54%	1.20%	1.04%	0.97%
Hector	Hector Municipal Airport	1D6	Intermediate Small	6,074	6,074	6,470	6,672	6,848	7,046	1.27%	0.94%	0.80%	0.74%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Herman	Herman Municipal Airport	06Y	Intermediate Small	2,006	2,006	2,149	2,227	2,297	2,374	1.38%	1.05%	0.91%	0.85%
Jackson	Jackson Municipal Airport	MJQ	Intermediate Small	14,623	14,623	15,688	16,293	16,854	17,478	1.42%	1.09%	0.95%	0.90%
Le Sueur	Le Sueur Municipal Airport	12Y	Intermediate Small	1,614	1,614	1,741	1,814	1,879	1,949	1.53%	1.17%	1.02%	0.95%
Long Prairie	Long Prairie Airport (Todd Field)	14Y	Intermediate Small	4,410	4,410	4,745	4,930	5,086	5,248	1.47%	1.12%	0.96%	0.87%
Longville	Longville Municipal Airport	XVG	Intermediate Small	5,343	5,343	5,828	6,137	6,413	6,698	1.75%	1.39%	1.22%	1.14%
Madison	Madison-Lac Qui Parle Airport	DXX	Intermediate Small	2,340	2,340	2,503	2,589	2,666	2,749	1.35%	1.02%	0.87%	0.81%
Mahnomen	Mahnomen County Airport	3N8	Intermediate Small	1,621	1,621	1,751	1,826	1,889	1,954	1.55%	1.20%	1.03%	0.94%
Maple Lake	Maple Lake Municipal Airport & Seaplane Base	MGG	Intermediate Small	15,414	15,414	16,894	17,901	18,874	19,920	1.85%	1.51%	1.36%	1.29%
McGregor	McGregor-Isedor Iverson Airport	HZX	Intermediate Small	987	987	1,071	1,122	1,165	1,210	1.65%	1.29%	1.11%	1.03%
Minneapolis	Minneapolis Crystal Airport	MIC	Intermediate Small	41,541	41,541	44,874	46,922	48,860	50,973	1.56%	1.23%	1.09%	1.03%
Moose Lake	Moose Lake-Carlton County Airport	MZH	Intermediate Small	3,171	3,171	3,410	3,548	3,674	3,809	1.47%	1.13%	0.99%	0.92%
Olivia	Olivia Regional Airport	OVL	Intermediate Small	4,688	4,688	4,995	5,150	5,286	5,439	1.28%	0.94%	0.80%	0.75%
Ortonville	Ortonville Municipal Airport (Martinson Field)	VVV	Intermediate Small	3,221	3,221	3,444	3,563	3,667	3,782	1.35%	1.02%	0.87%	0.81%
Paynesville	Paynesville Municipal Airport	PEX	Intermediate Small	2,984	2,984	3,251	3,426	3,589	3,762	1.73%	1.39%	1.24%	1.16%
Pine River	Pine River Regional Airport	PWC	Intermediate Small	5,003	5,003	5,457	5,747	6,005	6,273	1.75%	1.40%	1.22%	1.14%
Pinecreek	Piney-Pinecreek Border Airport	48Y	Intermediate Small	431	431	462	479	494	511	1.38%	1.06%	0.92%	0.86%
Red Lake Falls	Red Lake Falls Municipal Airport	D81	Intermediate Small	11,345	11,345	12,110	12,490	12,804	13,135	1.31%	0.97%	0.81%	0.74%
Rushford	Rushford Municipal Airport	55Y	Intermediate Small	1,374	1,374	1,473	1,525	1,571	1,619	1.40%	1.05%	0.90%	0.82%
Sauk Centre	Sauk Centre Municipal Airport	D39	Intermediate Small	3,889	3,889	4,238	4,465	4,678	4,903	1.74%	1.39%	1.24%	1.17%
Slayton	Slayton Municipal Airport	DVP	Intermediate Small	3,300	3,300	3,530	3,653	3,761	3,880	1.36%	1.02%	0.88%	0.81%
Springfield	Springfield Municipal Airport	D42	Intermediate Small	2,142	2,142	2,299	2,387	2,465	2,549	1.42%	1.09%	0.94%	0.87%
St. Paul	Saint Paul-Lake Elmo Airport	21D	Intermediate Small	16,421	16,421	17,984	19,066	20,134	21,296	1.84%	1.50%	1.37%	1.31%
Staples	Staples Municipal Airport	SAZ	Intermediate Small	7,207	7,207	7,793	8,141	8,439	8,746	1.58%	1.23%	1.06%	0.97%
Stephen	Stephen Municipal Airport	D41	Intermediate Small	12,023	12,023	12,831	13,233	13,568	13,927	1.31%	0.96%	0.81%	0.74%
Tower	Tower Municipal Airport	12D	Intermediate Small	3,517	3,517	3,775	3,921	4,053	4,195	1.43%	1.09%	0.95%	0.88%
Tracy	Tracy Municipal Airport	TKC	Intermediate Small	1,217	1,217	1,319	1,383	1,444	1,511	1.62%	1.29%	1.15%	1.09%
Walker	Walker Municipal Airport	Y49	Intermediate Small	5,152	5,152	5,619	5,918	6,184	6,459	1.75%	1.40%	1.22%	1.14%
Warren	Warren Municipal Airport	D37	Intermediate Small	9,062	9,062	9,671	9,975	10,227	10,498	1.31%	0.96%	0.81%	0.74%
Waseca	Waseca Municipal Airport	ACQ	Intermediate Small	13,211	13,211	14,176	14,702	15,162	15,653	1.42%	1.08%	0.92%	0.85%
Wheaton	Wheaton Municipal Airport	ETH	Intermediate Small	3,056	3,056	3,266	3,375	3,470	3,574	1.34%	1.00%	0.85%	0.79%
Windom	Windom Municipal Airport	MWM	Intermediate Small	5,496	5,496	5,886	6,096	6,280	6,477	1.38%	1.04%	0.89%	0.82%
Backus	Backus Municipal Airport	7Y3	Landing Strip Turf	4,017	4,017	4,382	4,614	4,822	5,036	1.75%	1.40%	1.22%	1.14%
Big Falls	Big Falls Municipal Airport	7Y9	Landing Strip Turf	200	200	214	221	227	233	1.33%	0.99%	0.84%	0.76%
Bowstring	Bowstring Airport	9Y0	Landing Strip Turf	323	323	348	363	376	390	1.50%	1.17%	1.02%	0.94%
Clarissa	Clarissa Municipal Airport	8Y5	Landing Strip Turf	456	456	491	510	526	543	1.48%	1.12%	0.96%	0.87%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
East Gull Lake	East Gull Lake Airport	9Y2	Landing Strip Turf	198	198	216	228	238	248	1.79%	1.42%	1.23%	1.14%
Grygla	Grygla Municipal Airport (Mel Wilkens Field)	3G2	Landing Strip Turf	200	200	213	220	226	232	1.30%	0.96%	0.81%	0.74%
Henning	Henning Municipal Airport	05Y	Landing Strip Turf	1,517	1,517	1,637	1,707	1,768	1,832	1.54%	1.19%	1.03%	0.95%
Hill City	Hill City-Quadna Mountain Airport	07Y	Landing Strip Turf	560	560	608	637	661	687	1.65%	1.29%	1.11%	1.03%
Karlstad	Karlstad Municipal Airport	23D	Landing Strip Turf	2,006	2,006	2,143	2,215	2,277	2,344	1.33%	1.00%	0.85%	0.78%
Littlefork	Littlefork Municipal Hanover Airport	13Y	Landing Strip Turf	700	700	748	774	794	815	1.34%	1.01%	0.84%	0.76%
Milaca	Milaca Municipal Airport	18Y	Landing Strip Turf	5,006	5,006	5,439	5,705	5,939	6,179	1.67%	1.32%	1.15%	1.06%
Northome	Northome Municipal Airport	43Y	Landing Strip Turf	311	311	333	344	353	362	1.38%	1.01%	0.85%	0.77%
Pelican Rapids	Pelican Rapids Municipal Airport	47Y	Landing Strip Turf	1,664	1,664	1,796	1,873	1,939	2,009	1.54%	1.19%	1.02%	0.95%
Remer	Remer Municipal Airport	52Y	Landing Strip Turf	512	512	558	588	615	642	1.75%	1.39%	1.23%	1.14%
Sleepy Eye	Sleepy Eye Municipal Airport	Y58	Landing Strip Turf	5,000	5,000	5,367	5,571	5,753	5,950	1.43%	1.09%	0.94%	0.87%
Starbuck	Starbuck Municipal Airport	D32	Landing Strip Turf	1,172	1,172	1,265	1,321	1,373	1,430	1.54%	1.21%	1.06%	1.00%
Tyler	Tyler Municipal Airport	63Y	Landing Strip Turf	1,606	1,606	1,719	1,781	1,837	1,900	1.37%	1.04%	0.90%	0.84%
Waskish	Wells Municipal Airport	68Y	Landing Strip Turf	1,006	1,006	1,095	1,151	1,200	1,252	1.71%	1.35%	1.18%	1.10%
Waskish	Waskish Municipal Airport	VWU	Landing Strip Turf	5,018	5,018	5,349	5,517	5,664	5,825	1.29%	0.95%	0.81%	0.75%
Winsted	Winsted Municipal Airport	10D	Landing Strip Turf	9,986	9,986	10,794	11,275	11,710	12,172	1.57%	1.22%	1.07%	0.99%
N/A	STATEWIDE TOTAL (GA ONLY)	N/A	N/A	1,262,979	1,262,979	1,363,140	1,422,767	1,477,184	1,535,550	1.54%	1.20%	1.05%	0.98%

Notes: (1) MnsASP airport operations estimates and forecasts shall not be used for individual airport planning or funding decisions.

Sources: W&P, 2021; FAA Aerospace Forecasts, 2020 – 2040; Kimley-Horn, 2023

Table A.6. 2022 MnsASP Forecast Alternative: Mixed Methodology¹

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Albert Lea	Albert Lea Municipal Airport	AEL	Key General Aviation	18,523	18,523	20,175	21,725	23,087	24,396	1.72%	1.61%	1.48%	1.39%
Alexandria	Alexandria Municipal Airport (Chandler Field)	AXN	Key General Aviation	20,598	7,503	8,152	8,754	9,281	9,789	1.67%	1.55%	1.43%	1.34%
Austin	Austin Municipal Airport	AUM	Key General Aviation	21,505	21,505	23,322	25,048	26,591	28,111	1.64%	1.54%	1.43%	1.35%
Baudette	Baudette International Airport	BDE	Key General Aviation	7,503	20,598	22,239	23,705	24,865	25,897	1.54%	1.41%	1.26%	1.15%
Ely	Ely Municipal Airport	ELO	Key General Aviation	7,550	24,429	26,359	28,185	29,831	31,443	1.53%	1.44%	1.34%	1.27%
Fairmont	Fairmont Municipal Airport	FRM	Key General Aviation	9,267	3,762	4,104	4,431	4,727	5,019	1.76%	1.65%	1.53%	1.45%
Fergus Falls	Fergus Falls Municipal Airport (Einar Mickelson Field)	FFM	Key General Aviation	13,016	7,550	8,202	8,801	9,313	9,793	1.67%	1.54%	1.41%	1.31%
Grand Marais	Grand Marais-Cook County Airport	CKC	Key General Aviation	3,762	13,016	14,069	15,027	15,828	16,579	1.57%	1.45%	1.31%	1.22%
Grand Rapids	Grand Rapids-Itasca County Airport (Gordon Newstrom Field)	GPZ	Key General Aviation	25,230	9,267	10,122	10,914	11,584	12,212	1.78%	1.65%	1.50%	1.39%
Mankato	Mankato Municipal Airport	MKT	Key General Aviation	100,062	25,230	27,274	29,235	31,026	32,800	1.57%	1.48%	1.39%	1.32%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Marshall	Marshall-Southwest Minnesota Regional Airport-Marshall/Ryan Field	MML	Key General Aviation	15,926	16,357	18,014	19,670	21,292	23,004	1.95%	1.86%	1.77%	1.72%
Minneapolis	Minneapolis Anoka County/Blaine Airport (Janes Field)	ANE	Key General Aviation	71,740	71,740	75,754	79,238	82,064	84,631	1.09%	1.00%	0.90%	0.83%
Minneapolis	Minneapolis Flying Cloud Airport	FCM	Key General Aviation	104,405	104,405	113,760	123,095	132,179	141,549	1.73%	1.66%	1.58%	1.53%
New Ulm	New Ulm Municipal Airport	ULM	Key General Aviation	7,792	100,062	108,992	117,469	125,153	132,726	1.72%	1.62%	1.50%	1.42%
Owatonna	Owatonna Degner Regional Airport	OWA	Key General Aviation	16,357	15,926	17,172	18,319	19,317	20,261	1.52%	1.41%	1.30%	1.21%
Park Rapids	Park Rapids Municipal Airport	PKD	Key General Aviation	19,476	9,945	10,812	11,591	12,221	12,788	1.69%	1.54%	1.38%	1.27%
Red Wing	Red Wing Regional Airport	RGK	Key General Aviation	11,751	11,078	11,937	12,743	13,460	14,150	1.50%	1.41%	1.31%	1.23%
St. Paul	Saint Paul Downtown Airport (Holman Field)	STP	Key General Aviation	40,934	19,476	21,117	22,691	24,119	25,520	1.63%	1.54%	1.44%	1.36%
Warroad	Warroad International Airport (Swede Carlson Field)	RRT	Key General Aviation	16,617	11,751	12,692	13,565	14,350	15,119	1.55%	1.45%	1.34%	1.27%
Willmar	Willmar Municipal Airport	BDH	Key General Aviation	24,429	16,617	17,948	19,194	20,302	21,385	1.55%	1.45%	1.34%	1.27%
Winona	Winona Municipal Airport (Max Conrad Field)	ONA	Key General Aviation	9,945	40,934	44,449	47,824	50,960	54,128	1.66%	1.57%	1.47%	1.41%
Worthington	Worthington Municipal Airport	OTG	Key General Aviation	11,078	7,792	8,354	8,875	9,333	9,775	1.40%	1.31%	1.21%	1.14%
Aitkin	Aitkin Municipal Airport	AIT	Intermediate Large	13,733	13,733	15,504	16,032	16,549	17,274	2.46%	1.56%	1.25%	1.15%
Benson	Benson Municipal Airport	BBB	Intermediate Large	4,065	4,065	4,590	4,746	4,899	5,114	2.46%	1.56%	1.25%	1.15%
Bigfork	Bigfork Municipal Airport	FOZ	Intermediate Large	2,327	2,327	2,627	2,716	2,804	2,927	2.45%	1.56%	1.25%	1.15%
Cambridge	Cambridge Municipal Airport	CBG	Intermediate Large	9,821	9,821	11,088	11,466	11,835	12,354	2.46%	1.56%	1.25%	1.15%
Canby	Canby Municipal Airport (Myers Field)	CNB	Intermediate Large	7,080	7,080	7,993	8,266	8,532	8,906	2.46%	1.56%	1.25%	1.15%
Cloquet	Cloquet-Carlton County Airport	COQ	Intermediate Large	10,530	10,530	11,888	12,293	12,690	13,246	2.46%	1.56%	1.25%	1.15%
Cook	Cook Municipal Airport	CQM	Intermediate Large	5,022	5,022	5,669	5,863	6,052	6,317	2.45%	1.56%	1.25%	1.15%
Crookston	Crookston Municipal Airport (Kirkwood Field)	CKN	Intermediate Large	11,670	11,670	13,175	13,624	14,063	14,679	2.46%	1.56%	1.25%	1.15%
Detroit Lakes	Detroit Lakes Airport (Wething Field)	DTL	Intermediate Large	16,690	16,690	18,842	19,485	20,113	20,994	2.46%	1.56%	1.25%	1.15%
Dodge Center	Dodge Center Municipal Airport	TOB	Intermediate Large	4,017	4,017	4,535	4,689	4,841	5,053	2.46%	1.56%	1.25%	1.15%
Eveleth	Eveleth-Virginia Municipal Airport	EVM	Intermediate Large	8,137	8,137	9,187	9,500	9,806	10,236	2.46%	1.56%	1.25%	1.15%
Faribault	Faribault Municipal Airport	FBL	Intermediate Large	19,169	19,169	21,642	22,380	23,101	24,113	2.46%	1.56%	1.25%	1.15%
Glenwood	Glenwood Municipal Airport	GHW	Intermediate Large	4,284	4,284	4,837	5,001	5,163	5,389	2.46%	1.56%	1.25%	1.15%
Granite Falls	Granite Falls Municipal Airport (Lenzen-Roe Memorial Field)	GDB	Intermediate Large	7,544	7,544	8,517	8,808	9,092	9,490	2.46%	1.56%	1.25%	1.15%
Hallock	Hallock Municipal Airport	HCO	Intermediate Large	13,380	13,380	15,105	15,620	16,124	16,830	2.45%	1.56%	1.25%	1.15%
Hutchinson	Hutchinson Municipal Airport (Butler Field)	HCD	Intermediate Large	7,844	7,844	8,855	9,157	9,452	9,867	2.45%	1.56%	1.25%	1.15%
Litchfield	Litchfield Municipal Airport	LJF	Intermediate Large	4,008	4,008	4,525	4,679	4,830	5,042	2.46%	1.56%	1.25%	1.15%
Little Falls	Little Falls-Morrison County Airport	LXL	Intermediate Large	19,184	19,184	21,659	22,397	23,119	24,132	2.46%	1.56%	1.25%	1.15%
Luverne	Luverne Municipal Airport	LYV	Intermediate Large	4,730	4,730	5,340	5,522	5,700	5,950	2.46%	1.56%	1.25%	1.15%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Minneapolis	Minneapolis Airlake Airport	LVN	Intermediate Large	21,055	21,055	23,771	24,582	25,374	26,486	2.46%	1.56%	1.25%	1.15%
Montevideo	Montevideo-Chippewa County Airport	MVE	Intermediate Large	7,058	7,058	7,969	8,240	8,506	8,879	2.46%	1.56%	1.25%	1.15%
Moorhead	Moorhead Municipal Airport	JKJ	Intermediate Large	8,867	8,867	10,011	10,352	10,686	11,154	2.46%	1.56%	1.25%	1.15%
Mora	Mora Municipal Airport	JMR	Intermediate Large	12,377	12,377	13,973	14,450	14,916	15,569	2.46%	1.56%	1.25%	1.15%
Morris	Morris Municipal Airport	MOX	Intermediate Large	9,366	9,366	10,574	10,934	11,287	11,781	2.46%	1.56%	1.25%	1.15%
Orr	Orr Regional Airport	ORB	Intermediate Large	1,357	1,357	1,532	1,584	1,635	1,707	2.46%	1.56%	1.25%	1.15%
Perham	Perham Municipal Airport	16D	Intermediate Large	6,235	6,235	7,040	7,280	7,514	7,843	2.46%	1.56%	1.25%	1.15%
Pipestone	Pipestone Municipal Airport	PQN	Intermediate Large	4,675	4,675	5,278	5,458	5,634	5,881	2.46%	1.56%	1.25%	1.15%
Preston	Preston Fillmore County Airport	FKA	Intermediate Large	2,449	2,449	2,764	2,859	2,951	3,080	2.45%	1.56%	1.25%	1.15%
Princeton	Princeton Municipal Airport	PNM	Intermediate Large	7,548	7,548	8,522	8,812	9,096	9,495	2.46%	1.56%	1.25%	1.15%
Redwood Falls	Redwood Falls Municipal Airport	RWF	Intermediate Large	8,642	8,642	9,757	10,089	10,414	10,871	2.46%	1.56%	1.25%	1.15%
Roseau	Roseau Municipal Airport (Rudy Billberg Field)	ROX	Intermediate Large	14,103	14,103	15,922	16,464	16,995	17,740	2.46%	1.56%	1.25%	1.15%
Rush City	Rush City Municipal Airport	ROS	Intermediate Large	6,473	6,473	7,308	7,557	7,801	8,143	2.46%	1.56%	1.25%	1.15%
South St. Paul	South St. Paul Municipal Airport (Fleming Field)	SGS	Intermediate Large	49,331	49,331	55,693	57,592	59,448	62,053	2.46%	1.56%	1.25%	1.15%
St. James	Saint James Municipal Airport	JYG	Intermediate Large	3,908	3,908	4,412	4,563	4,710	4,916	2.46%	1.56%	1.25%	1.15%
Two Harbors	Two Harbors-Richard B. Helgeson Airport	TWM	Intermediate Large	4,429	4,429	5,001	5,171	5,338	5,572	2.46%	1.56%	1.25%	1.15%
Wadena	Wadena Municipal Airport	ADC	Intermediate Large	6,233	6,233	7,036	7,276	7,511	7,840	2.45%	1.56%	1.25%	1.15%
Ada/Twin Valley	Ada-Norman County/Ada/Twin Valley Airport	D00	Intermediate Small	3,085	3,085	3,483	3,602	3,718	3,881	2.46%	1.56%	1.25%	1.15%
Appleton	Appleton Municipal Airport	AQP	Intermediate Small	2,034	2,034	2,296	2,375	2,451	2,559	2.45%	1.56%	1.25%	1.15%
Bagley	Bagley Municipal Airport	7Y4	Intermediate Small	434	434	490	507	523	546	2.46%	1.57%	1.25%	1.15%
Blue Earth	Blue Earth Municipal Airport	SBU	Intermediate Small	7,642	7,642	8,627	8,921	9,209	9,612	2.45%	1.56%	1.25%	1.15%
Brooten	Brooten Municipal Airport	6D1	Intermediate Small	1,248	1,248	1,409	1,457	1,504	1,570	2.46%	1.56%	1.25%	1.15%
Buffalo	Buffalo Municipal Airport	CFE	Intermediate Small	14,213	14,213	16,046	16,593	17,128	17,878	2.46%	1.56%	1.25%	1.15%
Caledonia	Caledonia-Houston County Airport	CHU	Intermediate Small	2,193	2,193	2,475	2,560	2,642	2,758	2.45%	1.56%	1.25%	1.15%
Duluth	Duluth-Sky Harbor Airport & Seaplane Base	DYT	Intermediate Small	11,472	11,472	12,952	13,394	13,825	14,431	2.46%	1.56%	1.25%	1.15%
Elbow Lake	Elbow Lake Municipal Airport	Y63	Intermediate Small	7,851	6,691	7,554	7,812	8,064	8,417	2.46%	1.56%	1.25%	1.15%
Fertile	Fertile Municipal Airport	D14	Intermediate Small	6,878	7,851	8,864	9,166	9,461	9,876	2.46%	1.56%	1.25%	1.15%
Forest Lake	Forest Lake Airport	25D	Intermediate Small	5,715	6,878	7,765	8,030	8,289	8,652	2.46%	1.56%	1.25%	1.15%
Fosston	Fosston Municipal Airport	FSE	Intermediate Small	8,150	5,715	6,452	6,672	6,887	7,189	2.46%	1.56%	1.25%	1.15%
Glencoe	Glencoe Municipal Airport (Vernon Perschau Field)	GYL	Intermediate Small	6,691	8,150	9,201	9,515	9,822	10,252	2.46%	1.56%	1.25%	1.15%
Hawley	Hawley Municipal Airport	04Y	Intermediate Small	5,225	5,225	5,899	6,100	6,297	6,572	2.46%	1.56%	1.25%	1.15%
Hector	Hector Municipal Airport	1D6	Intermediate Small	6,074	6,074	6,857	7,091	7,319	7,640	2.45%	1.56%	1.25%	1.15%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
Herman	Herman Municipal Airport	06Y	Intermediate Small	2,006	2,006	2,264	2,342	2,417	2,523	2.45%	1.56%	1.25%	1.15%
Jackson	Jackson Municipal Airport	MJQ	Intermediate Small	14,623	14,623	16,509	17,072	17,622	18,394	2.46%	1.56%	1.25%	1.15%
Le Sueur	Le Sueur Municipal Airport	12Y	Intermediate Small	1,614	1,614	1,822	1,884	1,945	2,030	2.45%	1.56%	1.25%	1.15%
Long Prairie	Long Prairie Airport (Todd Field)	14Y	Intermediate Small	4,410	4,410	4,978	5,148	5,314	5,547	2.45%	1.56%	1.25%	1.15%
Longville	Longville Municipal Airport	XVG	Intermediate Small	5,343	5,343	6,032	6,237	6,438	6,720	2.46%	1.56%	1.25%	1.15%
Madison	Madison-Lac Qui Parle Airport	DXX	Intermediate Small	2,340	2,340	2,642	2,732	2,820	2,943	2.46%	1.56%	1.25%	1.15%
Mahnomen	Mahnomen County Airport	3N8	Intermediate Small	1,621	1,621	1,830	1,892	1,953	2,039	2.46%	1.56%	1.25%	1.15%
Maple Lake	Maple Lake Municipal Airport & Seaplane Base	MGG	Intermediate Small	15,414	15,414	17,402	17,995	18,575	19,389	2.46%	1.56%	1.25%	1.15%
McGregor	McGregor-Isedor Iverson Airport	HZX	Intermediate Small	987	987	1,114	1,152	1,189	1,242	2.45%	1.56%	1.25%	1.16%
Minneapolis	Minneapolis Crystal Airport	MIC	Intermediate Small	41,541	41,541	46,899	48,498	50,061	52,254	2.46%	1.56%	1.25%	1.15%
Moose Lake	Moose Lake-Carlton County Airport	MZH	Intermediate Small	3,171	3,171	3,580	3,702	3,821	3,988	2.46%	1.56%	1.25%	1.15%
Olivia	Olivia Regional Airport	OVL	Intermediate Small	4,688	4,688	5,293	5,474	5,650	5,898	2.46%	1.56%	1.25%	1.15%
Ortonville	Ortonville Municipal Airport (Martinson Field)	VVV	Intermediate Small	3,221	3,221	3,636	3,760	3,881	4,051	2.45%	1.56%	1.25%	1.15%
Paynesville	Paynesville Municipal Airport	PEX	Intermediate Small	2,984	2,984	3,368	3,483	3,596	3,753	2.45%	1.56%	1.25%	1.15%
Pine River	Pine River Regional Airport	PWC	Intermediate Small	5,003	5,003	5,648	5,841	6,029	6,293	2.45%	1.56%	1.25%	1.15%
Pinecreek	Piney-Pinecreek Border Airport	48Y	Intermediate Small	431	431	486	503	519	542	2.43%	1.56%	1.25%	1.15%
Red Lake Falls	Red Lake Falls Municipal Airport	D81	Intermediate Small	11,345	11,345	12,809	13,245	13,672	14,271	2.46%	1.56%	1.25%	1.15%
Rushford	Rushford Municipal Airport	55Y	Intermediate Small	1,374	1,374	1,552	1,604	1,656	1,729	2.47%	1.56%	1.25%	1.16%
Sauk Centre	Sauk Centre Municipal Airport	D39	Intermediate Small	3,889	3,889	4,391	4,540	4,687	4,892	2.46%	1.56%	1.25%	1.15%
Slayton	Slayton Municipal Airport	DVP	Intermediate Small	3,300	3,300	3,726	3,853	3,977	4,151	2.46%	1.56%	1.25%	1.15%
Springfield	Springfield Municipal Airport	D42	Intermediate Small	2,142	2,142	2,418	2,501	2,581	2,695	2.45%	1.56%	1.25%	1.15%
St. Paul	Saint Paul-Lake Elmo Airport	21D	Intermediate Small	16,421	16,421	18,539	19,171	19,789	20,656	2.46%	1.56%	1.25%	1.15%
Staples	Staples Municipal Airport	SAZ	Intermediate Small	7,207	7,207	8,136	8,414	8,685	9,066	2.45%	1.56%	1.25%	1.15%
Stephen	Stephen Municipal Airport	D41	Intermediate Small	12,023	12,023	13,573	14,036	14,489	15,123	2.45%	1.56%	1.25%	1.15%
Tower	Tower Municipal Airport	12D	Intermediate Small	3,517	3,517	3,971	4,106	4,239	4,424	2.46%	1.56%	1.25%	1.15%
Tracy	Tracy Municipal Airport	TKC	Intermediate Small	1,217	1,217	1,374	1,421	1,467	1,531	2.46%	1.56%	1.25%	1.15%
Walker	Walker Municipal Airport	Y49	Intermediate Small	5,152	5,152	5,816	6,014	6,208	6,480	2.45%	1.56%	1.25%	1.15%
Warren	Warren Municipal Airport	D37	Intermediate Small	9,062	9,062	10,231	10,580	10,921	11,400	2.46%	1.56%	1.25%	1.15%
Waseca	Waseca Municipal Airport	ACQ	Intermediate Small	13,211	13,211	14,915	15,424	15,921	16,619	2.46%	1.56%	1.25%	1.15%
Wheaton	Wheaton Municipal Airport	ETH	Intermediate Small	3,056	3,056	3,451	3,568	3,683	3,845	2.46%	1.56%	1.25%	1.15%
Windom	Windom Municipal Airport	MWM	Intermediate Small	5,496	5,496	6,205	6,416	6,623	6,913	2.46%	1.56%	1.25%	1.15%
Backus	Backus Municipal Airport	7Y3	Landing Strip Surf	4,017	4,017	4,382	4,614	4,822	5,036	1.75%	1.40%	1.22%	1.14%
Big Falls	Big Falls Municipal Airport	7Y9	Landing Strip Surf	200	200	214	221	227	233	1.33%	0.99%	0.84%	0.76%
Bowstring	Bowstring Airport	9Y0	Landing Strip Surf	323	323	348	363	376	390	1.50%	1.17%	1.02%	0.94%
Clarissa	Clarissa Municipal Airport	8Y5	Landing Strip Surf	456	456	491	510	526	543	1.48%	1.12%	0.96%	0.87%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecast (No.) 2020	Operations Forecast (No.) 2025	Operations Forecast (No.) 2030	Operations Forecast (No.) 2035	Operations Forecast (No.) 2040	CAGR* 2020 - 2025	CAGR 2020 - 2030	CAGR 2020 - 2035	CAGR 2020 - 2040
East Gull Lake	East Gull Lake Airport	9Y2	Landing Strip Surf	198	198	216	228	238	248	1.79%	1.42%	1.23%	1.14%
Grygla	Grygla Municipal Airport (Mel Wilkens Field)	3G2	Landing Strip Surf	200	200	213	220	226	232	1.30%	0.96%	0.81%	0.74%
Henning	Henning Municipal Airport	05Y	Landing Strip Surf	1,517	1,517	1,637	1,707	1,768	1,832	1.54%	1.19%	1.03%	0.95%
Hill City	Hill City-Quadna Mountain Airport	07Y	Landing Strip Surf	560	560	608	637	661	687	1.65%	1.29%	1.11%	1.03%
Karlstad	Karlstad Municipal Airport	23D	Landing Strip Surf	2,006	2,006	2,143	2,215	2,277	2,344	1.33%	1.00%	0.85%	0.78%
Littlefork	Littlefork Municipal Hanover Airport	13Y	Landing Strip Surf	700	700	748	774	794	815	1.34%	1.01%	0.84%	0.76%
Milaca	Milaca Municipal Airport	18Y	Landing Strip Surf	5,006	5,006	5,439	5,705	5,939	6,179	1.67%	1.32%	1.15%	1.06%
Northome	Northome Municipal Airport	43Y	Landing Strip Surf	311	311	333	344	353	362	1.38%	1.01%	0.85%	0.77%
Pelican Rapids	Pelican Rapids Municipal Airport	47Y	Landing Strip Surf	1,664	1,664	1,796	1,873	1,939	2,009	1.54%	1.19%	1.02%	0.95%
Remer	Remer Municipal Airport	52Y	Landing Strip Surf	512	512	558	588	615	642	1.75%	1.39%	1.23%	1.14%
Sleepy Eye	Sleepy Eye Municipal Airport	Y58	Landing Strip Surf	5,000	5,000	5,367	5,571	5,753	5,950	1.43%	1.09%	0.94%	0.87%
Starbuck	Starbuck Municipal Airport	D32	Landing Strip Surf	1,172	1,172	1,265	1,321	1,373	1,430	1.54%	1.21%	1.06%	1.00%
Tyler	Tyler Municipal Airport	63Y	Landing Strip Surf	1,606	1,606	1,719	1,781	1,837	1,900	1.37%	1.04%	0.90%	0.84%
Waskish	Wells Municipal Airport	68Y	Landing Strip Surf	1,006	1,006	1,095	1,151	1,200	1,252	1.71%	1.35%	1.18%	1.10%
Waskish	Waskish Municipal Airport	VWU	Landing Strip Surf	5,018	5,018	5,349	5,517	5,664	5,825	1.29%	0.95%	0.81%	0.75%
Winsted	Winsted Municipal Airport	10D	Landing Strip Surf	9,986	9,986	10,794	11,275	11,710	12,172	1.57%	1.22%	1.07%	0.99%
N/A	STATEWIDE TOTAL (GA ONLY)	N/A	N/A	1,262,979	1,262,979	1,396,855	1,468,623	1,535,328	1,611,311	2.04%	1.52%	1.31%	1.23%

Notes: (1) MnsASP airport operations estimates and forecasts shall not be used for individual airport planning or funding decisions.

Sources: W&P, 2021; FAA Aerospace Forecasts, 2021 – 2041; Kimley-Horn, 2023

Table A.7. 2022 MnsASP Forecast Terminal Area Forecast (TAF) versus Mixed Methodology¹

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	2020 TAF	2020 MIXED	2025 TAF	2025 Mixed	2030 TAF	2030 Mixed	2035 TAF	2035 Mixed	2040 TAF	2040 Mixed	CAGR 2020 - 2040 TAF	CAGR 2020 - 2040 Mixed
Albert Lea	Albert Lea Municipal Airport	AEL	Key General Aviation	18,523	26,175	18,523	26,175	20,175	26,175	21,725	26,175	23,087	26,175	24,396	0.00%	1.39%
Alexandria	Alexandria Municipal Airport (Chandler Field)	AXN	Key General Aviation	7,503	25,500	7,503	26,965	8,152	28,522	8,754	30,177	9,281	31,934	9,789	1.13%	1.34%
Austin	Austin Municipal Airport	AUM	Key General Aviation	21,505	25,420	21,505	25,420	23,322	25,420	25,048	25,420	26,591	25,420	28,111	0.00%	1.35%
Baudette	Baudette International Airport	BDE	Key General Aviation	20,598	12,825	20,598	13,126	22,239	13,440	23,705	13,763	24,865	14,095	25,897	0.47%	1.15%
Ely	Ely Municipal Airport	ELO	Key General Aviation	24,429	8,200	24,429	8,200	26,359	8,200	28,185	8,200	29,831	8,200	31,443	0.00%	1.27%
Fairmont	Fairmont Municipal Airport	FRM	Key General Aviation	3,762	9,400	3,762	9,400	4,104	9,400	4,431	9,400	4,727	9,400	5,019	0.00%	1.45%
Fergus Falls	Fergus Falls Municipal Airport (Einar Mickelson Field)	FFM	Key General Aviation	7,550	8,500	7,550	8,500	8,202	8,500	8,801	8,500	9,313	8,500	9,793	0.00%	1.31%
Grand Marais	Grand Marais-Cook County Airport	CKC	Key General Aviation	13,016	3,200	13,016	3,200	14,069	3,200	15,027	3,200	15,828	3,200	16,579	0.00%	1.22%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	2020 TAF	2020 MIXED	2025 TAF	2025 Mixed	2030 TAF	2030 Mixed	2035 TAF	2035 Mixed	2040 TAF	2040 Mixed	CAGR 2020 - 2040 TAF	CAGR 2020 - 2040 Mixed
Grand Rapids	Grand Rapids-Itasca County Airport (Gordon Newstrom Field)	GPZ	Key General Aviation	9,267	19,560	9,267	20,057	10,122	20,568	10,914	21,090	11,584	21,627	12,212	0.50%	1.39%
Mankato	Mankato Municipal Airport	MKT	Key General Aviation	25,230	126,136	25,230	127,028	27,274	127,929	29,235	128,847	31,026	129,774	32,800	0.14%	1.32%
Marshall	Marshall-Southwest Minnesota Regional Airport-Marshall/Ryan Field	MML	Key General Aviation	16,357	22,848	16,357	22,848	18,014	22,848	19,670	22,848	21,292	22,848	23,004	0.00%	1.72%
Minneapolis	Minneapolis Anoka County/Blaine Airport (Janes Field)	ANE	Key General Aviation	71,740	69,954	71,740	76,030	75,754	77,910	79,238	79,868	82,064	81,907	84,631	0.79%	0.83%
Minneapolis	Minneapolis Flying Cloud Airport	FCM	Key General Aviation	104,405	119,710	104,405	133,623	113,760	134,933	123,095	136,260	132,179	137,604	141,549	0.70%	1.53%
New Ulm	New Ulm Municipal Airport	ULM	Key General Aviation	100,062	15,510	100,062	15,510	108,992	15,510	117,469	15,510	125,153	15,510	132,726	0.00%	1.42%
Owatonna	Owatonna Degner Regional Airport	OWA	Key General Aviation	15,926	30,050	15,926	32,268	17,172	34,386	18,319	35,918	19,317	37,534	20,261	1.12%	1.21%
Park Rapids	Park Rapids Municipal Airport	PKD	Key General Aviation	9,945	15,833	9,945	15,833	10,812	15,833	11,591	15,833	12,221	15,833	12,788	0.00%	1.27%
Red Wing	Red Wing Regional Airport	RGK	Key General Aviation	11,078	14,050	11,078	14,050	11,937	14,050	12,743	14,050	13,460	14,050	14,150	0.00%	1.23%
St. Paul	Saint Paul Downtown Airport (Holman Field)	STP	Key General Aviation	19,476	29,492	19,476	40,854	21,117	40,910	22,691	40,966	24,119	41,022	25,520	1.66%	1.36%
Warroad	Warroad International Airport (Swede Carlson Field)	RRT	Key General Aviation	11,751	9,000	11,751	9,271	12,692	9,569	13,565	9,898	14,350	10,261	15,119	0.66%	1.27%
Willmar	Willmar Municipal Airport	BDH	Key General Aviation	16,617	17,850	16,617	17,850	17,948	17,850	19,194	17,850	20,302	17,850	21,385	0.00%	1.27%
Winona	Winona Municipal Airport (Max Conrad Field)	ONA	Key General Aviation	40,934	10,450	40,934	10,604	44,449	10,785	47,824	10,970	50,960	11,158	54,128	0.33%	1.41%
Worthington	Worthington Municipal Airport	OTG	Key General Aviation	7,792	10,140	7,792	10,453	8,354	10,772	8,875	11,097	9,333	11,432	9,775	0.60%	1.14%
Aitkin	Aitkin Municipal Airport	AIT	Intermediate Large	13,733	16,000	13,733	17,357	15,504	18,834	16,032	20,438	16,549	22,178	17,274	1.65%	1.15%
Benson	Benson Municipal Airport	BBB	Intermediate Large	4,065	5,100	4,065	5,100	4,590	5,100	4,746	5,100	4,899	5,100	5,114	0.00%	1.15%
Cambridge	Cambridge Municipal Airport	CBG	Intermediate Large	9,821	16,850	9,821	18,253	11,088	19,763	11,466	21,405	11,835	23,163	12,354	1.60%	1.15%
Canby	Canby Municipal Airport (Myers Field)	CNB	Intermediate Large	7,080	6,720	7,080	6,720	7,993	6,720	8,266	6,720	8,532	6,720	8,906	0.00%	1.15%
Cloquet	Cloquet-Carlton County Airport	COQ	Intermediate Large	10,530	10,000	10,530	10,225	11,888	10,455	12,293	10,688	12,690	10,925	13,246	0.44%	1.15%
Cook	Cook Municipal Airport	CQM	Intermediate Large	5,022	5,950	5,022	6,306	5,669	6,641	5,863	6,950	6,052	7,271	6,317	1.01%	1.15%
Crookston	Crookston Municipal Airport (Kirkwood Field)	CKN	Intermediate Large	11,670	20,150	11,670	20,150	13,175	20,150	13,624	20,150	14,063	20,150	14,679	0.00%	1.15%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	2020 TAF	2020 MIXED	2025 TAF	2025 Mixed	2030 TAF	2030 Mixed	2035 TAF	2035 Mixed	2040 TAF	2040 Mixed	CAGR 2020 - 2040 TAF	CAGR 2020 - 2040 Mixed
Detroit Lakes	Detroit Lakes Airport (Wething Field)	DTL	Intermediate Large	16,690	16,200	16,690	17,487	18,842	18,787	19,485	20,327	20,113	21,974	20,994	1.54%	1.15%
Dodge Center	Dodge Center Municipal Airport	TOB	Intermediate Large	4,017	5,000	4,017	5,000	4,535	5,000	4,689	5,000	4,841	5,000	5,053	0.00%	1.15%
Eveleth	Eveleth-Virginia Municipal Airport	EVM	Intermediate Large	8,137	17,700	8,137	18,448	9,187	19,959	9,500	20,706	9,806	21,483	10,236	0.97%	1.15%
Faribault	Faribault Municipal Airport	FBL	Intermediate Large	19,169	18,700	19,169	21,288	21,642	23,269	22,380	25,653	23,101	28,710	24,113	2.17%	1.15%
Glenwood	Glenwood Municipal Airport	GHW	Intermediate Large	4,284	4,900	4,284	4,900	4,837	4,900	5,001	4,900	5,163	4,900	5,389	0.00%	1.15%
Hallock	Hallock Municipal Airport	HCO	Intermediate Large	13,380	17,700	13,380	17,700	15,105	17,700	15,620	17,700	16,124	17,700	16,830	0.00%	1.15%
Hutchinson	Hutchinson Municipal Airport (Butler Field)	HCD	Intermediate Large	7,844	12,395	7,844	13,415	8,855	14,061	9,157	14,898	9,452	15,820	9,867	1.23%	1.15%
Litchfield	Litchfield Municipal Airport	LIF	Intermediate Large	4,008	7,000	4,008	7,000	4,525	7,000	4,679	7,000	4,830	7,000	5,042	0.00%	1.15%
Little Falls	Little Falls-Morrison County Airport	LXL	Intermediate Large	19,184	22,450	19,184	22,450	21,659	22,450	22,397	22,450	23,119	22,450	24,132	0.00%	1.15%
Luverne	Luverne Municipal Airport	LYV	Intermediate Large	4,730	8,400	4,730	8,400	5,340	8,400	5,522	8,400	5,700	8,400	5,950	0.00%	1.15%
Minneapolis	Minneapolis Airlake Airport	LVN	Intermediate Large	21,055	34,174	21,055	34,015	23,771	34,474	24,582	35,015	25,374	35,562	26,486	0.20%	1.15%
Montevideo	Montevideo-Chippewa County Airport	MVE	Intermediate Large	7,058	11,520	7,058	12,286	7,969	13,101	8,240	13,971	8,506	14,898	8,879	1.29%	1.15%
Moorhead	Moorhead Municipal Airport	JKJ	Intermediate Large	8,867	9,000	8,867	9,885	10,011	10,770	10,352	11,655	10,686	12,557	11,154	1.68%	1.15%
Mora	Mora Municipal Airport	JMR	Intermediate Large	12,377	15,000	12,377	15,000	13,973	15,000	14,450	15,000	14,916	15,000	15,569	0.00%	1.15%
Morris	Morris Municipal Airport	MOX	Intermediate Large	9,366	5,906	9,366	5,906	10,574	5,906	10,934	5,906	11,287	5,906	11,781	0.00%	1.15%
Orr	Orr Regional Airport	ORB	Intermediate Large	1,357	2,500	1,357	2,500	1,532	2,500	1,584	2,500	1,635	2,500	1,707	0.00%	1.15%
Pipestone	Pipestone Municipal Airport	PQN	Intermediate Large	4,675	8,200	4,675	8,200	5,278	8,200	5,458	8,200	5,634	8,200	5,881	0.00%	1.15%
Preston	Preston Fillmore County Airport	FKA	Intermediate Large	2,449	4,080	2,449	4,700	2,764	5,024	2,859	5,294	2,951	5,570	3,080	1.57%	1.15%
Princeton	Princeton Municipal Airport	PNM	Intermediate Large	7,548	13,300	7,548	14,776	8,522	16,306	8,812	17,913	9,096	19,648	9,495	1.97%	1.15%
Redwood Falls	Redwood Falls Municipal Airport	RWF	Intermediate Large	8,642	9,800	8,642	9,800	9,757	9,800	10,089	9,800	10,414	9,800	10,871	0.00%	1.15%
Roseau	Roseau Municipal Airport (Rudy Billberg Field)	ROX	Intermediate Large	14,103	18,300	14,103	19,940	15,922	21,730	16,464	23,646	16,995	25,749	17,740	1.72%	1.15%
Rush City	Rush City Municipal Airport	ROS	Intermediate Large	6,473	7,810	6,473	7,810	7,308	7,810	7,557	7,810	7,801	7,810	8,143	0.00%	1.15%
South St. Paul	South St. Paul Municipal Airport (Fleming Field)	SGS	Intermediate Large	49,331	51,000	49,331	55,382	55,693	60,138	57,592	65,343	59,448	71,086	62,053	1.67%	1.15%
St. James	Saint James Municipal Airport	JYG	Intermediate Large	3,908	5,485	3,908	5,485	4,412	5,485	4,563	5,485	4,710	5,485	4,916	0.00%	1.15%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	2020 TAF	2020 MIXED	2025 TAF	2025 Mixed	2030 TAF	2030 Mixed	2035 TAF	2035 Mixed	2040 TAF	2040 Mixed	CAGR 2020 - 2040 TAF	CAGR 2020 - 2040 Mixed
Two Harbors	Two Harbors-Richard B. Helgeson Airport	TWM	Intermediate Large	4,429	7,000	4,429	7,000	5,001	7,000	5,171	7,000	5,338	7,000	5,572	0.00%	1.15%
Wadena	Wadena Municipal Airport	ADC	Intermediate Large	6,233	5,410	6,233	5,410	7,036	5,410	7,276	5,410	7,511	5,410	7,840	0.00%	1.15%
Blue Earth	Blue Earth Municipal Airport	SBU	Intermediate Small	7,642	14,000	7,642	14,000	8,627	14,000	8,921	14,000	9,209	14,000	9,612	0.00%	1.15%
Buffalo	Buffalo Municipal Airport	CFE	Intermediate Small	14,213	22,350	14,213	24,340	16,046	26,539	16,593	28,939	17,128	31,544	17,878	1.74%	1.15%
Caledonia	Caledonia-Houston County Airport	CHU	Intermediate Small	2,193	3,500	2,193	3,500	2,475	3,500	2,560	3,500	2,642	3,500	2,758	0.00%	1.15%
Duluth	Duluth-Sky Harbor Airport & Seaplane Base	DYT	Intermediate Small	11,472	13,900	11,472	13,900	12,952	13,900	13,394	13,900	13,825	13,900	14,431	0.00%	1.15%
Elbow Lake	Elbow Lake Municipal Airport	Y63	Intermediate Small	6,691	9,000	6,691	9,000	7,554	9,000	7,812	9,000	8,064	9,000	8,417	0.00%	1.15%
Fosston	Fosston Municipal Airport	FSE	Intermediate Small	5,715	8,345	5,715	8,345	6,452	8,345	6,672	8,345	6,887	8,345	7,189	0.00%	1.15%
Glencoe	Glencoe Municipal Airport (Vernon Perschau Field)	GYL	Intermediate Small	8,150	10,615	8,150	11,740	9,201	12,840	9,515	13,971	9,822	15,177	10,252	1.80%	1.15%
Hawley	Hawley Municipal Airport	04Y	Intermediate Small	5,225	8,600	5,225	9,485	5,899	10,468	6,100	11,558	6,297	12,757	6,572	1.99%	1.15%
Hector	Hector Municipal Airport	1D6	Intermediate Small	6,074	7,000	6,074	7,000	6,857	7,000	7,091	7,000	7,319	7,000	7,640	0.00%	1.15%
Jackson	Jackson Municipal Airport	MJQ	Intermediate Small	14,623	19,000	14,623	20,502	16,509	22,734	17,072	24,411	17,622	26,289	18,394	1.64%	1.15%
Le Sueur	Le Sueur Municipal Airport	12Y	Intermediate Small	1,614	2,560	1,614	2,626	1,822	2,691	1,884	2,756	1,945	2,821	2,030	0.49%	1.15%
Long Prairie	Long Prairie Airport (Todd Field)	14Y	Intermediate Small	4,410	5,730	4,410	5,730	4,978	5,730	5,148	5,730	5,314	5,730	5,547	0.00%	1.15%
Longville	Longville Municipal Airport	XVG	Intermediate Small	5,343	6,725	5,343	6,725	6,032	6,725	6,237	6,725	6,438	6,725	6,720	0.00%	1.15%
Madison	Madison-Lac Qui Parle Airport	DXX	Intermediate Small	2,340	2,160	2,340	2,160	2,642	2,160	2,732	2,160	2,820	2,160	2,943	0.00%	1.15%
Mahnomen	Mahnomen County Airport	3N8	Intermediate Small	1,621	1,650	1,621	1,650	1,830	1,650	1,892	1,650	1,953	1,650	2,039	0.00%	1.15%
Minneapolis	Minneapolis Crystal Airport	MIC	Intermediate Small	41,541	38,044	41,541	40,878	46,899	41,064	48,498	41,252	50,061	41,442	52,254	0.43%	1.15%
Moose Lake	Moose Lake-Carlton County Airport	MZH	Intermediate Small	3,171	4,900	3,171	4,900	3,580	4,900	3,702	4,900	3,821	4,900	3,988	0.00%	1.15%
Ortonville	Ortonville Municipal Airport (Martinson Field)	VVV	Intermediate Small	3,221	5,000	3,221	5,000	3,636	5,000	3,760	5,000	3,881	5,000	4,051	0.00%	1.15%
Paynesville	Paynesville Municipal Airport	PEX	Intermediate Small	2,984	3,600	2,984	3,739	3,368	3,857	3,483	3,980	3,596	4,108	3,753	0.66%	1.15%
Pine River	Pine River Regional Airport	PWC	Intermediate Small	5,003	6,400	5,003	6,400	5,648	6,400	5,841	6,400	6,029	6,400	6,293	0.00%	1.15%
Rushford	Rushford Municipal Airport	55Y	Intermediate Small	1,374	2,000	1,374	2,028	1,552	2,048	1,604	2,068	1,656	2,088	1,729	0.22%	1.16%
Sauk Centre	Sauk Centre Municipal Airport	D39	Intermediate Small	3,889	5,830	3,889	6,322	4,391	6,857	4,540	7,440	4,687	8,075	4,892	1.64%	1.15%
Springfield	Springfield Municipal Airport	D42	Intermediate Small	2,142	2,420	2,142	2,420	2,418	2,420	2,501	2,420	2,581	2,420	2,695	0.00%	1.15%

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	2020 TAF	2020 MIXED	2025 TAF	2025 Mixed	2030 TAF	2030 Mixed	2035 TAF	2035 Mixed	2040 TAF	2040 Mixed	CAGR 2020 - 2040 TAF	CAGR 2020 - 2040 Mixed
St. Paul	Saint Paul-Lake Elmo Airport	21D	Intermediate Small	16,421	26,498	16,421	26,663	18,539	26,831	19,171	26,996	19,789	27,161	20,656	0.12%	1.15%
Staples	Staples Municipal Airport	SAZ	Intermediate Small	7,207	9,600	7,207	9,600	8,136	9,600	8,414	9,600	8,685	9,600	9,066	0.00%	1.15%
Tower	Tower Municipal Airport	12D	Intermediate Small	3,517	3,700	3,517	3,700	3,971	3,700	4,106	3,700	4,239	3,700	4,424	0.00%	1.15%
Tracy	Tracy Municipal Airport	TKC	Intermediate Small	1,217	3,040	1,217	3,040	1,374	3,040	1,421	3,040	1,467	3,040	1,531	0.00%	1.15%
Walker	Walker Municipal Airport	Y49	Intermediate Small	5,152	9,200	5,152	9,200	5,816	9,200	6,014	9,200	6,208	9,200	6,480	0.00%	1.15%
Waseca	Waseca Municipal Airport	ACQ	Intermediate Small	13,211	17,190	13,211	18,559	14,915	20,019	15,424	21,592	15,921	23,286	16,619	1.53%	1.15%
Wheaton	Wheaton Municipal Airport	ETH	Intermediate Small	3,056	3,900	3,056	3,900	3,451	3,900	3,568	3,900	3,683	3,900	3,845	0.00%	1.15%
Windom	Windom Municipal Airport	MW M	Intermediate Small	5,496	8,300	5,496	8,608	6,205	8,794	6,416	8,939	6,623	9,075	6,913	0.45%	1.15%
Winsted	Winsted Municipal Airport	10D	Landing Strip Turf	5,152	9,200	5,152	9,200	5,816	9,200	6,014	9,200	6,208	9,200	6,480	0.00%	1.15%
N/A	STATEWIDE TOTAL (National Plan of Integrated Airport Systems [NPIAS] GA ONLY)	N/A	N/A	1,134,614	1,347,805	1,262,979	1,414,764	1,396,855	1,453,010	1,468,623	1,491,890	1,535,328	1,533,997	1,611,311	0.65%	1.23%

Notes: (1) MnsASP airport operations estimates and forecasts shall not be used for individual airport planning or funding decisions.
Sources: W&P, 2021; FAA Aerospace Forecasts 2021 – 2041; Kimley-Horn, 2022; FAA TAF (accessed May 2021)

Table A.8. Operational Threshold Analysis by Airport¹

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecasts (No.) 2020	Operations Forecasts (No.) 2025	Operations Forecasts (No.) 2030	Operations Forecasts (No.) 2035	Operations Forecasts (No.) 2040	Operational Thresholds: PAL 1 (Low)	Operational Thresholds: PAL 2 (Medium)	Operational Thresholds: PAL 3 (High)
Albert Lea	Albert Lea Municipal Airport	AEL	Key General Aviation	18,523	18,523	20,175	21,725	23,087	24,396	2020	2020	X
Alexandria	Alexandria Municipal Airport (Chandler Field)	AXN	Key General Aviation	20,598	7,503	8,152	8,754	9,281	9,789	2020	X	X
Austin	Austin Municipal Airport	AUM	Key General Aviation	21,505	21,505	23,322	25,048	26,591	28,111	2020	2020	X
Baudette	Baudette International Airport	BDE	Key General Aviation	7,503	20,598	22,239	23,705	24,865	25,897	2020	2020	X
Ely	Ely Municipal Airport	ELO	Key General Aviation	7,550	24,429	26,359	28,185	29,831	31,443	2020	2020	X
Fairmont	Fairmont Municipal Airport	FRM	Key General Aviation	9,267	3,762	4,104	4,431	4,727	5,019	2021	X	X
Fergus Falls	Fergus Falls Municipal Airport (Einar Mickelson Field)	FFM	Key General Aviation	13,016	7,550	8,202	8,801	9,313	9,793	2020	X	X
Grand Marais	Grand Marais-Cook County Airport	CKC	Key General Aviation	3,762	13,016	14,069	15,027	15,828	16,579	2020	2021	X
Grand Rapids	Grand Rapids-Itasca County Airport (Gordon Newstrom Field)	GPZ	Key General Aviation	25,230	9,267	10,122	10,914	11,584	12,212	2020	X	X
Mankato	Mankato Municipal Airport	MKT	Key General Aviation	100,062	25,230	27,274	29,235	31,026	32,800	2020	2020	X

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecasts (No.) 2020	Operations Forecasts (No.) 2025	Operations Forecasts (No.) 2030	Operations Forecasts (No.) 2035	Operations Forecasts (No.) 2040	Operational Thresholds: PAL 1 (Low)	Operational Thresholds: PAL 2 (Medium)	Operational Thresholds: PAL 3 (High)
Marshall	Marshall-Southwest Minnesota Regional Airport-Marshall/Ryan Field	MML	Key General Aviation	15,926	16,357	18,014	19,670	21,292	23,004	2020	2020	X
Minneapolis	Minneapolis Anoka County/Blaine Airport (Janes Field)	ANE	Key General Aviation	71,740	71,740	75,754	79,238	82,064	84,631	2020	2020	2020
Minneapolis	Minneapolis Flying Cloud Airport	FCM	Key General Aviation	104,405	104,405	113,760	123,095	132,179	141,549	2020	2020	2020
New Ulm	New Ulm Municipal Airport	ULM	Key General Aviation	7,792	100,062	108,992	117,469	125,153	132,726	2020	2020	2020
Owatonna	Owatonna Degner Regional Airport	OWA	Key General Aviation	16,357	15,926	17,172	18,319	19,317	20,261	2020	2020	X
Park Rapids	Park Rapids Municipal Airport	PKD	Key General Aviation	19,476	9,945	10,812	11,591	12,221	12,788	2020	X	X
Red Wing	Red Wing Regional Airport	RGK	Key General Aviation	11,751	11,078	11,937	12,743	13,460	14,150	2020	2032	X
St. Paul	Saint Paul Downtown Airport (Holman Field)	STP	Key General Aviation	40,934	19,476	21,117	22,691	24,119	25,520	2020	2020	X
Warroad	Warroad International Airport (Swede Carlson Field)	RRT	Key General Aviation	16,617	11,751	12,692	13,565	14,350	15,119	2020	2027	X
Willmar	Willmar Municipal Airport	BDH	Key General Aviation	24,429	16,617	17,948	19,194	20,302	21,385	2020	2020	X
Winona	Winona Municipal Airport (Max Conrad Field)	ONA	Key General Aviation	9,945	40,934	44,449	47,824	50,960	54,128	2020	2020	2021
Worthington	Worthington Municipal Airport	OTG	Key General Aviation	11,078	7,792	8,354	8,875	9,333	9,775	2020	X	X
Aitkin	Aitkin Municipal Airport	AIT	Intermediate Large	13,733	13,733	15,504	16,032	16,549	17,274	2020	2020	X
Benson	Benson Municipal Airport	BBB	Intermediate Large	4,065	4,065	4,590	4,746	4,899	5,114	2020	X	X
Bigfork	Bigfork Municipal Airport	FOZ	Intermediate Large	2,327	2,327	2,627	2,716	2,804	2,927	2020	X	X
Cambridge	Cambridge Municipal Airport	CBG	Intermediate Large	9,821	9,821	11,088	11,466	11,835	12,354	2020	2022	X
Canby	Canby Municipal Airport (Myers Field)	CNB	Intermediate Large	7,080	7,080	7,993	8,266	8,532	8,906	2020	X	X
Cloquet	Cloquet-Carlton County Airport	COQ	Intermediate Large	10,530	10,530	11,888	12,293	12,690	13,246	2020	2021	X
Cook	Cook Municipal Airport	CQM	Intermediate Large	5,022	5,022	5,669	5,863	6,052	6,317	2020	X	X
Crookston	Crookston Municipal Airport (Kirkwood Field)	CKN	Intermediate Large	11,670	11,670	13,175	13,624	14,063	14,679	2020	2020	X
Detroit Lakes	Detroit Lakes Airport (Wething Field)	DTL	Intermediate Large	16,690	16,690	18,842	19,485	20,113	20,994	2020	2020	X
Dodge Center	Dodge Center Municipal Airport	TOB	Intermediate Large	4,017	4,017	4,535	4,689	4,841	5,053	2020	X	X
Eveleth	Eveleth-Virginia Municipal Airport	EVM	Intermediate Large	8,137	8,137	9,187	9,500	9,806	10,236	2020	X	X
Faribault	Faribault Municipal Airport	FBL	Intermediate Large	19,169	19,169	21,642	22,380	23,101	24,113	2020	2020	2023
Glenwood	Glenwood Municipal Airport	GHW	Intermediate Large	4,284	4,284	4,837	5,001	5,163	5,389	2020	X	X
Granite Falls	Granite Falls Municipal Airport (Lenzen-Roe Memorial Field)	GDB	Intermediate Large	7,544	7,544	8,517	8,808	9,092	9,490	2020	X	X
Hallock	Hallock Municipal Airport	HCO	Intermediate Large	13,380	13,380	15,105	15,620	16,124	16,830	2020	2020	X
Hutchinson	Hutchinson Municipal Airport (Butler Field)	HCD	Intermediate Large	7,844	7,844	8,855	9,157	9,452	9,867	2020	X	X
Litchfield	Litchfield Municipal Airport	LJF	Intermediate Large	4,008	4,008	4,525	4,679	4,830	5,042	2020	X	X
Little Falls	Little Falls-Morrison County Airport	LXL	Intermediate Large	19,184	19,184	21,659	22,397	23,119	24,132	2020	2020	2023

Associated City	Airport Name	FAA ID	MNSASP Airport Classification	Baseline Operations	Operations Forecasts (No.) 2020	Operations Forecasts (No.) 2025	Operations Forecasts (No.) 2030	Operations Forecasts (No.) 2035	Operations Forecasts (No.) 2040	Operational Thresholds: PAL 1 (Low)	Operational Thresholds: PAL 2 (Medium)	Operational Thresholds: PAL 3 (High)
Luverne	Luverne Municipal Airport	LYV	Intermediate Large	4,730	4,730	5,340	5,522	5,700	5,950	2020	X	X
Minneapolis	Minneapolis Airlake Airport	LVN	Intermediate Large	21,055	21,055	23,771	24,582	25,374	26,486	2020	2020	2021
Montevideo	Montevideo-Chippewa County Airport	MVE	Intermediate Large	7,058	7,058	7,969	8,240	8,506	8,879	2020	X	X
Moorhead	Moorhead Municipal Airport	JKJ	Intermediate Large	8,867	8,867	10,011	10,352	10,686	11,154	2020	2033	X
Mora	Mora Municipal Airport	JMR	Intermediate Large	12,377	12,377	13,973	14,450	14,916	15,569	2020	2020	X
Morris	Morris Municipal Airport	MOX	Intermediate Large	9,366	9,366	10,574	10,934	11,287	11,781	2020	2025	X
Orr	Orr Regional Airport	ORB	Intermediate Large	1,357	1,357	1,532	1,584	1,635	1,707	2021	X	X
Perham	Perham Municipal Airport	16D	Intermediate Large	6,235	6,235	7,040	7,280	7,514	7,843	2020	X	X
Pipestone	Pipestone Municipal Airport	PQN	Intermediate Large	4,675	4,675	5,278	5,458	5,634	5,881	2020	X	X
Preston	Preston Fillmore County Airport	FKA	Intermediate Large	2,449	2,449	2,764	2,859	2,951	3,080	2020	X	X
Princeton	Princeton Municipal Airport	PNM	Intermediate Large	7,548	7,548	8,522	8,812	9,096	9,495	2020	X	X
Redwood Falls	Redwood Falls Municipal Airport	RWF	Intermediate Large	8,642	8,642	9,757	10,089	10,414	10,871	2020	2037	X
Roseau	Roseau Municipal Airport (Rudy Billberg Field)	ROX	Intermediate Large	14,103	14,103	15,922	16,464	16,995	17,740	2020	2020	X
Rush City	Rush City Municipal Airport	ROS	Intermediate Large	6,473	6,473	7,308	7,557	7,801	8,143	2020	X	X
South St. Paul	South St. Paul Municipal Airport (Fleming Field)	SGS	Intermediate Large	49,331	49,331	55,693	57,592	59,448	62,053	2020	2020	2020
St. James	Saint James Municipal Airport	JYG	Intermediate Large	3,908	3,908	4,412	4,563	4,710	4,916	2020	X	X
Two Harbors	Two Harbors-Richard B. Helgeson Airport	TWM	Intermediate Large	4,429	4,429	5,001	5,171	5,338	5,572	2020	X	X
Wadena	Wadena Municipal Airport	ADC	Intermediate Large	6,233	6,233	7,036	7,276	7,511	7,840	2020	X	X
Ada/Twin Valley	Ada-Norman County/Ada/Twin Valley Airport	D00	Intermediate Small	3,085	3,085	3,483	3,602	3,718	3,881	2020	X	X
Appleton	Appleton Municipal Airport	AQP	Intermediate Small	2,034	2,034	2,296	2,375	2,451	2,559	2020	X	X
Bagley	Bagley Municipal Airport	7Y4	Intermediate Small	434	434	490	507	523	546	2020	X	X
Blue Earth	Blue Earth Municipal Airport	SBU	Intermediate Small	7,642	7,642	8,627	8,921	9,209	9,612	2020	2022	X
Brooten	Brooten Municipal Airport	6D1	Intermediate Small	1,248	1,248	1,409	1,457	1,504	1,570	2020	X	X
Buffalo	Buffalo Municipal Airport	CFE	Intermediate Small	14,213	14,213	16,046	16,593	17,128	17,878	2020	2020	2029
Caledonia	Caledonia-Houston County Airport	CHU	Intermediate Small	2,193	2,193	2,475	2,560	2,642	2,758	2020	X	X
Duluth	Duluth-Sky Harbor Airport & Seaplane Base	DYT	Intermediate Small	11,472	11,472	12,952	13,394	13,825	14,431	2020	2020	X
Elbow Lake	Elbow Lake Municipal Airport	Y63	Intermediate Small	7,851	6,691	7,554	7,812	8,064	8,417	2020	2037	X
Fertile	Fertile Municipal Airport	D14	Intermediate Small	6,878	7,851	8,864	9,166	9,461	9,876	2020	2021	X
Forest Lake	Forest Lake Airport	25D	Intermediate Small	5,715	6,878	7,765	8,030	8,289	8,652	2020	2033	X
Fosston	Fosston Municipal Airport	FSE	Intermediate Small	8,150	5,715	6,452	6,672	6,887	7,189	2020	X	X

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Glencoe	Glencoe Municipal Airport (Vernon Perschau Field)	GYL	Intermediate Small	6,691	8,150	9,201	9,515	9,822	10,252	2020	2021	X
Hawley	Hawley Municipal Airport	04Y	Intermediate Small	5,225	5,225	5,899	6,100	6,297	6,572	2020	X	X
Hector	Hector Municipal Airport	1D6	Intermediate Small	6,074	6,074	6,857	7,091	7,319	7,640	2020	X	X
Herman	Herman Municipal Airport	06Y	Intermediate Small	2,006	2,006	2,264	2,342	2,417	2,523	2020	X	X
Jackson	Jackson Municipal Airport	MJQ	Intermediate Small	14,623	14,623	16,509	17,072	17,622	18,394	2020	2020	2025
Le Sueur	Le Sueur Municipal Airport	12Y	Intermediate Small	1,614	1,614	1,822	1,884	1,945	2,030	2020	X	X
Long Prairie	Long Prairie Airport (Todd Field)	14Y	Intermediate Small	4,410	4,410	4,978	5,148	5,314	5,547	2020	X	X
Longville	Longville Municipal Airport	XVG	Intermediate Small	5,343	5,343	6,032	6,237	6,438	6,720	2020	X	X
Madison	Madison-Lac Qui Parle Airport	DXX	Intermediate Small	2,340	2,340	2,642	2,732	2,820	2,943	2020	X	X
Mahnomen	Mahnomen County Airport	3N8	Intermediate Small	1,621	1,621	1,830	1,892	1,953	2,039	2020	X	X
Maple Lake	Maple Lake Municipal Airport & Seaplane Base	MGG	Intermediate Small	15,414	15,414	17,402	17,995	18,575	19,389	2020	2020	2022
McGregor	McGregor-Isedor Iverson Airport	HZX	Intermediate Small	987	987	1,114	1,152	1,189	1,242	2020	X	X
Minneapolis	Minneapolis Crystal Airport	MIC	Intermediate Small	41,541	41,541	46,899	48,498	50,061	52,254	2020	2020	2020
Moose Lake	Moose Lake-Carlton County Airport	MZH	Intermediate Small	3,171	3,171	3,580	3,702	3,821	3,988	2020	X	X
Olivia	Olivia Regional Airport	OVL	Intermediate Small	4,688	4,688	5,293	5,474	5,650	5,898	2020	X	X
Ortonville	Ortonville Municipal Airport (Martinson Field)	VVV	Intermediate Small	3,221	3,221	3,636	3,760	3,881	4,051	2020	X	X
Paynesville	Paynesville Municipal Airport	PEX	Intermediate Small	2,984	2,984	3,368	3,483	3,596	3,753	2020	X	X
Pine River	Pine River Regional Airport	PWC	Intermediate Small	5,003	5,003	5,648	5,841	6,029	6,293	2020	X	X
Pinecreek	Piney-Pinecreek Border Airport	48Y	Intermediate Small	431	431	486	503	519	542	2021	X	X
Red Lake Falls	Red Lake Falls Municipal Airport	D81	Intermediate Small	11,345	11,345	12,809	13,245	13,672	14,271	2020	2020	X
Rushford	Rushford Municipal Airport	55Y	Intermediate Small	1,374	1,374	1,552	1,604	1,656	1,729	2020	X	X
Sauk Centre	Sauk Centre Municipal Airport	D39	Intermediate Small	3,889	3,889	4,391	4,540	4,687	4,892	2020	X	X
Slayton	Slayton Municipal Airport	DVP	Intermediate Small	3,300	3,300	3,726	3,853	3,977	4,151	2020	X	X
Springfield	Springfield Municipal Airport	D42	Intermediate Small	2,142	2,142	2,418	2,501	2,581	2,695	2020	X	X
St. Paul	Saint Paul-Lake Elmo Airport	21D	Intermediate Small	16,421	16,421	18,539	19,171	19,789	20,656	2020	2020	2021
Staples	Staples Municipal Airport	SAZ	Intermediate Small	7,207	7,207	8,136	8,414	8,685	9,066	2020	2026	X
Stephen	Stephen Municipal Airport	D41	Intermediate Small	12,023	12,023	13,573	14,036	14,489	15,123	2020	2020	X
Tower	Tower Municipal Airport	12D	Intermediate Small	3,517	3,517	3,971	4,106	4,239	4,424	2020	X	X
Tracy	Tracy Municipal Airport	TKC	Intermediate Small	1,217	1,217	1,374	1,421	1,467	1,531	2020	X	X
Walker	Walker Municipal Airport	Y49	Intermediate Small	5,152	5,152	5,816	6,014	6,208	6,480	2020	X	X
Warren	Warren Municipal Airport	D37	Intermediate Small	9,062	9,062	10,231	10,580	10,921	11,400	2020	2020	X
Waseca	Waseca Municipal Airport	ACQ	Intermediate Small	13,211	13,211	14,915	15,424	15,921	16,619	2020	2020	2039
Wheaton	Wheaton Municipal Airport	ETH	Intermediate Small	3,056	3,056	3,451	3,568	3,683	3,845	2020	X	X

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Windom	Windom Municipal Airport	MWM	Intermediate Small	5,496	5,496	6,205	6,416	6,623	6,913	2020	X	X
Backus	Backus Municipal Airport	7Y3	Landing Strip Turf	4,017	4,017	4,382	4,614	4,822	5,036	2020	2020	2020
Big Falls	Big Falls Municipal Airport	7Y9	Landing Strip Turf	200	200	214	221	227	233	2020	X	X
Bowstring	Bowstring Airport	9Y0	Landing Strip Turf	323	323	348	363	376	390	2020	X	X
Clarissa	Clarissa Municipal Airport	8Y5	Landing Strip Turf	456	456	491	510	526	543	2020	X	X
East Gull Lake	East Gull Lake Airport	9Y2	Landing Strip Turf	198	198	216	228	238	248	2021	X	X
Grygla	Grygla Municipal Airport (Mel Wilkens Field)	3G2	Landing Strip Turf	200	200	213	220	226	232	2020	X	X
Henning	Henning Municipal Airport	05Y	Landing Strip Turf	1,517	1,517	1,637	1,707	1,768	1,832	2020	2020	X
Hill City	Hill City-Quadna Mountain Airport	07Y	Landing Strip Turf	560	560	608	637	661	687	2020	X	X
Karlstad	Karlstad Municipal Airport	23D	Landing Strip Turf	2,006	2,006	2,143	2,215	2,277	2,344	2020	2020	2021
Littlefork	Littlefork Municipal Hanover Airport	13Y	Landing Strip Turf	700	700	748	774	794	815	2020	2021	X
Milaca	Milaca Municipal Airport	18Y	Landing Strip Turf	5,006	5,006	5,439	5,705	5,939	6,179	2020	2020	2020
Northome	Northome Municipal Airport	43Y	Landing Strip Turf	311	311	333	344	353	362	2020	X	X
Pelican Rapids	Pelican Rapids Municipal Airport	47Y	Landing Strip Turf	1,664	1,664	1,796	1,873	1,939	2,009	2020	2020	2040
Remer	Remer Municipal Airport	52Y	Landing Strip Turf	512	512	558	588	615	642	2020	X	X
Sleepy Eye	Sleepy Eye Municipal Airport	Y58	Landing Strip Turf	5,000	5,000	5,367	5,571	5,753	5,950	2020	2020	2020
Starbuck	Starbuck Municipal Airport	D32	Landing Strip Turf	1,172	1,172	1,265	1,321	1,373	1,430	2020	2020	X
Tyler	Tyler Municipal Airport	63Y	Landing Strip Turf	1,606	1,606	1,719	1,781	1,837	1,900	2020	2020	X
Waskish	Wells Municipal Airport	68Y	Landing Strip Turf	1,006	1,006	1,095	1,151	1,200	1,252	2020	2020	X
Waskish	Waskish Municipal Airport	VWU	Landing Strip Turf	5,018	5,018	5,349	5,517	5,664	5,825	2020	2020	2020
Winsted	Winsted Municipal Airport	10D	Landing Strip Turf	9,986	9,986	10,794	11,275	11,710	12,172	2020	2020	2020

Notes: (1) MNSASP airport operations estimates and forecasts shall not be used for individual airport planning or funding decisions.

Sources: W&P, 2021; FAA Aerospace Forecasts, 2021 – 2041; Kimley-Horn, 2023