KAPA Monthly Fuel Flowage & Ops Data, 2012 through March 2025

mo	yr	fuel type	% total fuel	gallons flowed	12mo running sum: AvGas	yr2yr chg	Pounds Lead per year	94UL gallons flowed	12mo running sum: 94UL	94UL as % of AvGas	total ops yr2yr chg	ATADS, 12mo running sum: ITIN Ops	ATADS, 12mo running sum: LCL Ops	% LCL
Ave. (JAN 2020 thru MAR 2025):				56,621	676,093									
	2012	Avgas	4%		607,701		2,840					171,271	127,295	43%
	2013	Avgas	5%		639,567	5%	2,989					168,352	124,032	42%
	2014	Avgas	4%		626,989	-2%	2,930					177,547	131,910	43%
	2015	Avgas	3%		574,372	-8%	2,684					162,888	150,394	48%
	2016	Avgas	3%		544,938	-5%	2,546					174,417	157,694	47%
	2017	Avgas	4%		571,810	5%	2,672					172,073	153,950	47%
	2018	Avgas	4%		640,726	12%	2,994					173,631	164,367	49%
	2019	Avgas	4%		640,800	0%	2,994					182,078	167,871	48%
							2,831 ← average (2012 thru 2019)							
1	2020	Avgas	4%	51,503	648,423	2%	3,030					183,386	171,074	48%
2	2020	Avgas	4%	41,809	653,019	3%	3,051	last month pre-COVID				182,746	172,059	48%
3	2020	Avgas	5%	45,386	649,402	2%	3,035					180,039	174,034	49%
4	2020	Avgas	7%	23,335	621,617	-3%	2,905					170,374	164,211	49%
5	2020	Avgas	8%	53,471	626,086	-1%	2,926					168,476	166,534	50%
6	2020	Avgas	6%	63,032	627,487	0%	2,932					167,458	158,727	49%
7	2020	Avgas	6%	65,055	621,641	-1%	2,905					166,563	161,353	49%
8	2020	Avgas	5%	67,240	619,524	-2%	2,895					166,037	162,059	49%
9	2020	Avgas	6%	64,154	621,050	-2%	2,902					166,416	165,620	50%
10	2020	Avgas	5%	63,286	633,349	-1%	2,960					167,418	169,531	50%
11	2020	Avgas	5%	50,834	637,768	0%	2,980					166,559	168,622	50%
12	**2020**	**Avgas**	4%	47,027	636,132	-1%	2,973				-5%	164,593	166,408	50%
1	2021	Avgas	4%	49,218	633,847	-2%	2,962				-8%	162,468	162,685	50%
2	2021	Avgas	3%	37,990	630,028	-4%	2,944				-9%	161,035	160,865	50%
3	2021	Avgas	4%	45,840	630,482	-3%	2,946				-10%	161,887	157,396	49%
4	2021	Avgas	4%	49,383	656,530	6%	3,068				0%	169,667	165,398	49%
5	2021	Avgas	4%	51,140	654,199	4%	3,057				-2%	170,520	157,132	48%
6	2021	Avgas	5%	64,092	655,259	4%	3,062				2%	171,793	160,879	48%
7	2021	Avgas	4%	66,563	656,767	6%	3,069				0%	172,655	155,591	47%
8	2021	Avgas	4%	67,149	656,676	6%	3,069				-2%	172,193	149,664	47%
9	2021	Avgas	4%	64,747	657,269	6%	3,071				-5%	171,695	144,344	46%
10	2021	Avgas	3%	57,366	651,349	3%	3,044				-8%	171,376	139,637	45%
11	2021	Avgas	4%	54,430	654,945	3%	3,060				-7%	173,044	138,839	45%
12	**2021**	**Avgas**	3%	48,630	656,548	3%	3,068				-6%	174,200	136,661	44%
1	2022	Avgas	3%	47,504	654,834	3%	3,060				-5%	173,952	135,214	44%
2	2022	Avgas	4%	47,984	664,828	6%	3,107				-3%	176,313	136,491	44%
3	2022	Avgas	3%	52,221	671,209	6%	3,136				-2%	178,018	135,945	43%
4	2022	Avgas	4%	48,904	670,730	2%	3,134				-7%	177,351	133,016	43%
5	2022	Avgas	4%	54,837	674,427	3%	3,152	← peak Pb year			-4%	177,674	136,349	43%
6	2022	Avgas	4%	56,679	667,014	2%	3,117				-7%	175,755	134,054	43%
7	2022	Avgas	4%	59,506	659,957	0%	3,084				-5%	174,301	137,166	44%
8	2022	Avgas	4%	67,018	659,826	0%	3,083				-3%	173,008	139,594	45%
9	2022	Avgas	5%	66,552	661,631	1%	3,092				-5%	171,594	129,585	43%
10	2022	Avgas	4%	50,756	655,021	1%	3,061				-2%	171,954	131,990	43%
11	2022	Avgas	4%	54,203	654,794	0%	3,060				-4%	169,975	130,749	43%
12	**2022**	**Avgas**	3%	44,795	650,959	-1%	3,042				-3%	168,518	132,040	44%
1	2023	Avgas	4%	45,083	648,538	-1%	3,031				-2%	167,531	134,733	45%
2	2023	Avgas	5%	60,074	660,628	-1%	3,087				-3%	166,367	137,278	45%
3	2023	Avgas	4%	51,084	659,491	-2%	3,082		0		-2%	165,123	141,802	46%
4	2023	Avgas	5%	55,085	665,672	-1%	3,111		0		1%	165,538	148,142	47%
5	2023	Avgas	4%	54,641	665,476	-1%	3,071	8,373	8,373	15%	1%	164,975	153,420	48%
6	2023	Avgas	4%	58,039	666,836	0%	3,023	11,637	20,010	20%	4%	164,118	158,893	49%
7	2023	Avgas	6%	70,925	678,255	3%	3,014	13,332	33,342	19%	5%	164,707	162,418	50%
8	2023	Avgas	6%	78,251	689,488	4%	2,994	15,372	48,714	20%	7%	166,297	169,075	50%
9	2023	Avgas	5%	73,948	696,884	5%	2,969	12,895	61,609	17%	17%	168,011	183,036	52%
10	2023	Avgas	5%	68,883	715,011	9%	2,983	15,053	76,662	22%	16%	168,263	183,185	52%
11	2023	Avgas	5%	58,435	719,243	10%	2,939	13,676	90,338	23%	19%	169,501	189,373	53%
12	**2023**	**Avgas**	4%	52,580	727,028	12%	2,923	11,184	101,522	21%	20%	170,163	190,562	53%
1	2024	Avgas	4%	47,434	729,379	12%	2,879	11,792	113,314	25%	20%	170,968	192,484	53%
2	2024	Avgas	5%	50,425	719,730	9%	2,780	11,471	124,785	23%	20%	171,696	193,838	53%
3	2024	Avgas	5%	59,105	727,751	10%	2,753	13,784	138,569	23%	20%	172,516	195,518	53%
4	2024	Avgas	5%	54,899	727,565	9%	2,696	12,060	150,629	22%	17%	171,485	194,059	53%
5	2024	Avgas	5%	63,655	736,579	11%	2,714	13,628	155,884	21%	14%	172,104	191,906	53%
6	2024	Avgas	5%	69,105	747,645	12%	2,757	13,438	157,685	19%	12%	172,776	190,564	52%
7	2024	Avgas	6%	72,999	749,719	11%	2,763	13,978	158,331	19%	11%	172,066	189,413	52%
8	2024	Avgas	5%	72,634	744,102	8%	2,745	13,729	156,688	19%	5%	169,945	181,771	52%
9	2024	Avgas	6%	74,932	745,086	7%	2,735	16,104	159,897	21%	-1%	168,886	179,011	51%
10	2024	Avgas	5%	66,233	742,436	4%	2,724	14,689	159,533	22%	-1%	167,807	178,630	52%
11	2024	Avgas	5%	52,071	736,072	2%	2,697	13,069	158,926	25%	-5%	166,243	174,107	51%
12	**2024**	**Avgas**	4%	55,519	739,011	2%	2,706	12,282	160,024	22%	-6%	166,828	173,583	51%
1	2025	Avgas	4%	49,987	741,564	2%	2,720	11,217	159,449	22%	-7%	166,624	170,899	51%
2	2025	Avgas	5%	49,362	740,501	3%	2,730	8,389	156,367	17%	-9%	166,001	168,376	50%
3	2025	Avgas	5%	58,127	739,523	2%	2,745	9,536	152,119	16%	-10%	165,459	164,817	50%
	change since March 2024 →				2%		-2%		25%			-3%	-13%	
												peak	peak	

mo	yr	fuel type	gallons flowed	12mo running sum: Jetfuel	yr2yr chg
	Ave.:		1,198,930	14,379,658	
	2012	Jet		10,892,820	
	2013	Jet		11,231,026	3%
	2014	Jet		12,456,828	11%
	2015	Jet		12,707,518	2%
	2016	Jet		12,931,903	2%
	2017	Jet		12,978,116	0%
	2018	Jet		13,626,148	5%
	2019	Jet		13,730,176	1%
1	2020	Jet	1,176,223	13,766,585	1%
2	2020	Jet	1,091,945	13,777,693	0%
3	2020	Jet	858,404	13,469,737	-2%
4	2020	Jet	313,675	12,738,686	-7%
5	2020	Jet	605,207	12,195,775	-12%
6	2020	Jet	906,835	11,981,021	-13%
7	2020	Jet	1,095,133	11,935,797	-13%
8	2020	Jet	1,193,028	11,867,159	-14%
9	2020	Jet	1,094,213	11,743,360	-15%
10	2020	Jet	1,196,570	11,744,706	-15%
11	2020	Jet	1,024,012	11,738,029	-14%
12	**2020**	**Jet**	1,084,558	11,639,803	-15%
1	2021	Jet	1,102,862	11,566,442	-16%
2	2021	Jet	1,053,193	11,527,690	-16%
3	2021	Jet	1,253,230	11,922,516	-11%
4	2021	Jet	1,126,587	12,735,428	0%
5	2021	Jet	1,202,765	13,332,986	9%
6	2021	Jet	1,359,275	13,785,426	15%
7	2021	Jet	1,555,439	14,245,732	19%
8	2021	Jet	1,556,781	14,609,485	23%
9	2021	Jet	1,434,779	14,950,051	27%
10	2021	Jet	1,590,509	15,343,990	31%
11	2021	Jet	1,395,155	15,715,133	34%
12	**2021**	**Jet**	1,502,002	16,132,577	39%
1	2022	Jet	1,337,649	16,367,364	42%
2	2022	Jet	1,269,960	16,584,131	44%
3	2022	Jet	1,565,342	16,896,243	42%
4	2022	Jet	1,309,524	17,079,180	34%
5	2022	Jet	1,296,516	17,172,931	29%
6	2022	Jet	1,398,453	17,212,109	25%
7	2022	Jet	1,359,634	17,016,304	19%
8	2022	Jet	1,471,847	16,931,370	16%
9	2022	Jet	1,406,825	16,903,416	13%
10	2022	Jet	1,377,701	16,690,608	9%
11	2022	Jet	1,159,196	16,454,649	5%
12	**2022**	**Jet**	1,242,938	16,195,585	0%
1	2023	Jet	1,099,210	15,957,146	-3%
2	2023	Jet	1,109,208	15,796,394	-5%
3	2023	Jet	1,283,828	15,514,880	-8%
4	2023	Jet	1,037,244	15,242,600	-11%
5	2023	Jet	1,186,767	15,132,851	-12%
6	2023	Jet	1,235,889	14,970,287	-13%
7	2023	Jet	1,159,772	14,770,425	-13%
8	2023	Jet	1,241,150	14,539,728	-14%
9	2023	Jet	1,286,201	14,419,104	-15%
10	2023	Jet	1,317,812	14,359,215	-14%
11	2023	Jet	1,169,947	14,369,966	-13%
12	**2023**	**Jet**	1,199,625	14,326,653	-12%
1	2024	Jet	1,107,110	14,334,553	-10%
2	2024	Jet	1,051,620	14,276,965	-10%
3	2024	Jet	1,147,789	14,140,926	-9%
4	2024	Jet	1,025,983	14,129,665	-7%
5	2024	Jet	1,134,781	14,077,679	-7%
6	2024	Jet	1,198,844	14,040,634	-6%
7	2024	Jet	1,170,543	14,051,405	-5%
8	2024	Jet	1,284,007	14,094,262	-3%
9	2024	Jet	1,226,549	14,034,610	-3%
10	2024	Jet	1,267,073	13,983,871	-3%
11	2024	Jet	1,015,832	13,829,756	-4%
12	**2024**	**Jet**	1,267,143	13,897,274	-3%
1	2025	Jet	1,080,552	13,870,716	-3%
2	2025	Jet	1,036,673	13,855,769	-3%
3	2025	Jet	1,223,473	13,931,453	-1%
					-1%

Key Takeaways, KAPA monthly fuel volumes through March 2025:

1 *DEFINITIONS: 'AvGas' is the fuel used for most prop planes, and has two types: 'LL' = low-lead, 'UL' = unleaded. 'Running-Sum' adds the most recent 12-months.*
'Fuel Flowage' includes both 'sales' (to outsiders, buying the fuel) and 'non-sales' (to in-fleet planes, such as for FBO aircraft used for rental or flight training).
'ATADS' is FAA's definitive air traffic count program, recorded by ATC; 'OPS' = ops per month; 'ITIN' = itinerant (non-local) flights; 'LCL' = local (mostly closed pattern) flights.

2 *1-Year Change, 12-month running-sum fuel volumes through March 2025: jetfuel was down 1%; AvGas (100LL plus 94UL, for small prop planes) was up 2%.*

3 *Seasonality: AvGas volume tends to be heaviest in August, lightest in January; jet fuel volume tends to be heaviest in summer/fall, slowest in winter/spring.*

4 *Red-Blue Colorscale: applied to running-sum volume data, red (20% higher than overall monthly average) vs. blue (20% lower).*

5 *Orange-Green Colorscale: applied to year-to-year change in running-sum volume data, orange (20% higher than monthly average) vs. green (20% lower).*

6 *COVID IMPACT: AvGas was virtually unchanged, but jetfuel saw reductions averaging 15% (followed by a rebound summer 2021 through fall 2022).*

7 *Jetfuel volume through March 2025 is 1.1% higher than the pre-COVID total through February 2020; for the same timeframe, AvGas volume is up 13.2%.*

8 *Unleaded fuel volume: sales of Swift 94UL fuel were begun in May 2023, but the airport authority has not yet arranged sales of GAMI100UL fuel.*

9 *94UL volume peaked at 25% of all AvGas in January and November 2024, and was roughly 16% of all AvGas in March 2025.*

10 *How much lead (Pb) pollution? There is one pound of lead in each 214 gallons of 100LL. So, in the year ending March 2025, fuel volume included 2,745 pounds of lead.*

11 *Lead pollutants peaked at 3,152 pounds/year in May 2022; as of March 2025, 94UL sales have achieved a 13% net reduction of lead, to 2,745 pounds/year.*

12 *Note that the three primary airport revenue sources are fuel flowage fees, usage fees (for landing, overnight parking, etc.), and leases (hangars and/or ground space).*
As set by the airport authority, fuel flowage fees are 10cts/gal AvGas and 15cts/gal jetfuel; most aircraft pay zero landing fees.