

KAPA: Monthly Fuel Flowage Data, 2012 through July 2024

fuel type	% total sales (gal)	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	TOTAL (gallons)	7-month total	Gallons per day	fee/gal
2024 Avgas	5%	47,434	50,425	59,105	54,899	63,655	69,105	72,999	<i>Avgas flowage projected to be ~2,106 gal/day at end of 2024 --</i>				417,622		1,961	\$0.07	
2023 Avgas	5%	45,083	60,074	51,084	55,085	54,641	58,039	70,925	78,251	73,948	68,883	58,435	52,580	727,028	394,931	1,992	\$0.07
2022 Avgas	4%	47,504	47,984	52,221	48,904	54,837	56,679	59,506	67,018	66,552	50,756	54,203	44,795	650,959	367,635	1,783	\$0.07
2021 Avgas	4%	49,218	37,990	45,840	49,383	51,140	64,092	66,563	67,149	64,747	57,366	54,430	48,630	656,547	364,226	1,799	\$0.07
2020 Avgas	5%	51,503	41,809	45,386	23,335	53,471	63,032	65,055	67,240	64,154	63,286	50,834	47,027	636,132	343,591	1,738	\$0.07
2019 Avgas	4%	43,880	37,213	49,003	51,120	49,002	61,631	70,901	69,357	62,628	50,987	46,415	48,663	640,800	362,750	1,756	\$0.07
2018 Avgas	4%	50,137	35,341	50,242	46,231	57,052	65,960	70,087	62,397	61,172	49,764	48,426	43,917	640,726	375,050	1,755	\$0.07
2017 Avgas	4%	30,904	31,214	40,709	40,049	52,002	59,008	62,476	61,597	47,628	51,720	50,631	43,872	571,809	316,362	1,567	\$0.10
2016 Avgas	4%	38,180	38,242	37,094	38,868	46,282	59,670	54,041	55,648	52,213	48,271	41,022	35,407	544,938	312,377	1,489	\$0.10
2015 Avgas	4%	41,196	37,829	54,373	44,104	43,341	56,844	61,535	60,486	56,495	50,489	35,813	31,867	574,372	339,222	1,574	\$0.10
2014 Avgas	5%	42,597	37,386	51,847	54,101	57,013	59,052	61,291	64,594	59,534	58,918	40,940	39,716	626,990	363,287	1,718	\$0.10
2013 Avgas	5%	46,843	39,413	50,868	45,525	56,517	65,144	57,635	65,769	54,148	60,540	52,581	44,584	639,567	361,945	1,752	\$0.10
2012 Avgas	5%	41,966	34,953	51,670	50,192	52,248	56,413	58,132	62,206	56,735	53,333	49,067	40,786	607,701	345,574	1,660	\$0.10
Average:	5%	44,342	40,759	49,188	46,292	53,169	61,128	63,934	65,143	59,996	55,359	48,566	43,487	626,464			
		Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec				
2024 Jet	95%	1,107,110	1,051,620	1,147,789	1,025,983	1,134,781	1,198,844	1,170,543							7,836,670	43,059	\$0.10
2023 Jet	95%	1,099,210	1,109,208	1,283,828	1,037,244	1,186,767	1,235,889	1,159,772	1,241,150	1,286,201	1,317,812	1,169,947	1,199,625	14,326,653	8,111,918	39,251	\$0.10
2022 Jet	96%	1,337,649	1,269,960	1,565,342	1,309,524	1,296,516	1,398,453	1,359,634	1,471,847	1,406,825	1,377,701	1,159,196	1,242,938	16,195,585	9,537,078	44,371	\$0.10
2021 Jet	96%	1,102,862	1,053,193	1,253,230	1,126,587	1,202,765	1,359,275	1,555,439	1,556,781	1,434,779	1,590,509	1,395,155	1,502,002	16,132,577	8,653,351	44,199	\$0.10
2020 Jet	95%	1,176,223	1,091,945	858,404	313,675	605,207	906,835	1,095,133	1,193,028	1,094,213	1,196,570	1,024,012	1,084,558	11,639,803	6,047,422	31,803	\$0.10
2019 Jet	96%	1,139,814	1,080,837	1,166,360	1,044,726	1,148,118	1,121,589	1,140,357	1,261,666	1,218,012	1,195,224	1,030,689	1,182,784	13,730,176	7,841,801	37,617	\$0.10
2018 Jet	96%	1,110,058	1,015,396	1,149,072	1,090,781	1,036,759	1,158,451	1,128,796	1,257,136	1,209,437	1,226,660	1,118,069	1,125,533	13,626,147	7,689,313	37,332	\$0.10
2017 Jet	96%	1,096,666	1,057,239	1,116,608	991,976	1,061,550	901,774	1,036,252	1,169,240	1,198,096	1,185,906	1,132,426	1,030,383	12,978,116	7,262,065	35,556	\$0.15
2016 Jet	96%	1,114,036	1,053,378	1,103,391	947,968	984,372	1,062,313	1,044,990	1,077,331	1,128,912	1,162,695	1,132,291	1,120,226	12,931,903	7,310,448	35,333	\$0.15
2015 Jet	96%	1,037,381	941,409	1,129,122	933,222	936,729	1,103,063	1,176,863	1,156,993	1,109,780	1,129,642	1,027,726	1,025,588	12,707,518	7,257,789	34,815	\$0.15
2014 Jet	95%	1,036,057	992,711	1,043,412	936,751	970,685	1,057,149	1,006,133	1,111,682	1,156,389	1,166,618	970,125	1,009,116	12,456,828	7,042,898	34,128	\$0.15
2013 Jet	95%	955,113	875,840	936,317	817,742	976,569	944,288	965,965	1,016,641	961,925	1,058,705	829,962	891,959	11,231,026	6,471,834	30,770	\$0.15
2012 Jet	95%	869,744	883,813	974,879	911,962	847,159	798,268	867,539	1,049,135	938,224	1,016,232	860,713	875,152	10,892,820	6,153,364	29,762	\$0.15
Average:	95%	1,090,917	1,036,658	1,132,904	960,626	1,029,844	1,095,861	1,131,340	1,213,553	1,178,566	1,218,690	1,070,859	1,107,489	13,237,429			

Key Takeaways, KAPA fuel volume through July 2024:

2024 versus 2023, 7-month fuel volume ... jetfuel: down 3%; avgas (100LL plus 94UL): up 6%. NOTE: LL = 'low-lead', UL = 'unleaded'

2023: avgas volume averaged 60,600 gallons per month, busiest in August, slowest in January; jet fuel volume averaged 1.35 million gallons per month, busiest in October, slowest in April.

Colorscale applied to Avgas volume data, red (20% higher than overall monthly average, 52,205) vs. blue (20% lower). Similar scale for jetfuel, orange (20% higher than 1,103,119) vs. green (20% lower).

Except for January, all highest monthly avgas volume (for each of the twelve months) have been in the most recent eighteen months

Unleaded fuel volume: Airport Authority began selling Swift 94UL fuel in May 2023 (but has not yet added GAMI100UL fuel, which FAA approved as a drop-in fuel in September 2022).

For all of 2023, 94UL volume averaged 20% of all avgas volume; for 2024, through July, 94UL is averaging 22% of all avgas volume.

How much lead (Pb) pollution? There is one pound of lead in each 214 gallons of 100LL. So, in the year ending April 2023, fuel volume included 3,111 pounds of lead...

...and in the most recent full year (through July 2024), 100LL fuel volume has included 2,763 pounds of lead, with total lead pollution increasing each month, starting in May.

Note that fuel volume (aka '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).