



**TRUCKEE TAHOE AIRPORT DISTRICT  
BOARD OF DIRECTORS STAFF REPORT**

**AGENDA TITLE:** Annual Operations and Comments Report  
**MEETING DATE:** Wednesday, January 22, 2024  
**PREPARED BY:** Kay Ziegenhagen, Noise & IT Technician  
**PRESENTED BY:** Jeff Menasco, Director of Aviation

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**RECOMMENDED ACTION:** None, information only.

**DISCUSSION:** The Annual Operations and Comments report summarizes trends from 2020 to 2024; key observations include:

- Operations
  - Total operations remained steady between 31K-33K.
  - Traffic distribution:
    - Piston ~ 55%
    - Jet ~ 17%
    - Turbo ~ 16%
    - Gliders ~ 9% (variable between 6-12%)
    - Helicopter ~ 3%
- Comments
  - Comments have declined significantly over the 5-year period.
  - 2024 total comments decreased by 12% from 2023 and 47% from 2020.
  - Breakdown by comment type shows variability in aircraft categories.

Year	Total	HHDs	Pstn%	Jet%	Trbo%	Helo%	Unk%
2020	854	185	44	42	11	2	0
2021	1320	240	44	37	15	4	0
2022	1217	140	36	48	13	2	1
2023	819	110	54	25	20	0	1
2024	720	75	31	44	22	2	0

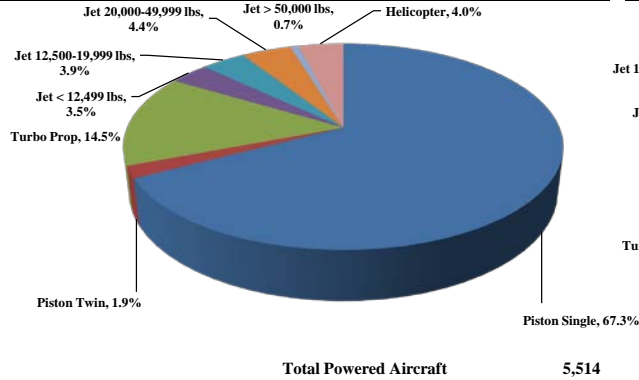
**FISCAL IMPACT:** None.

**PUBLIC COMMUNICATIONS:** TTAD's outreach remains active and on-going. The next major noise and community impact event will be the Feb 12, 2025 ACT meeting. Outreach includes all social media venues, digital and print local papers, and emails directly to residence who have made past comments to the airport.

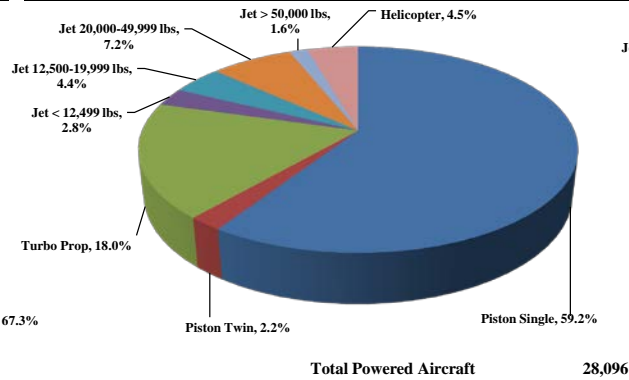
# TRUCKEE TAHOE AIRPORT DISTRICT Operations and Community Comment Report As of 12/31/2024



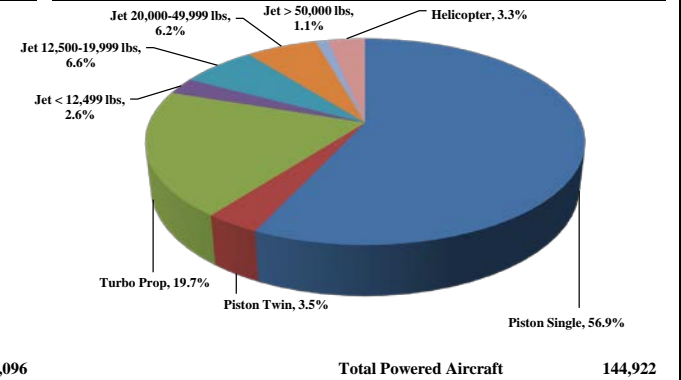
**Current Quarter | Operations**  
October 1, 2024 - December 31, 2024



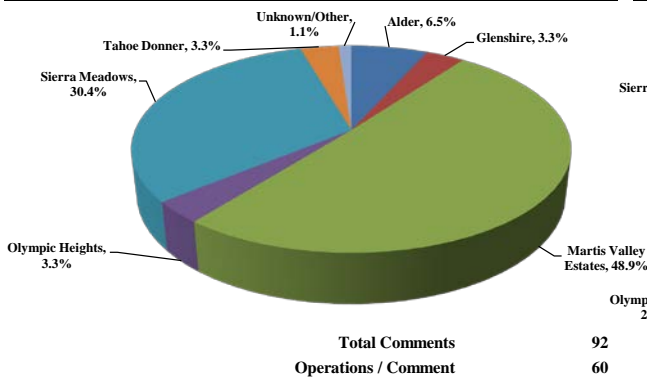
**Year-to-Date | Operations**  
January 1, 2024 - December 31, 2024



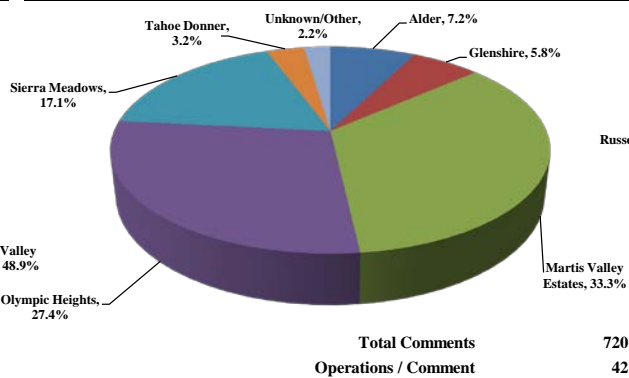
**Historic | Operations**  
January 1, 2019 - December 31, 2023



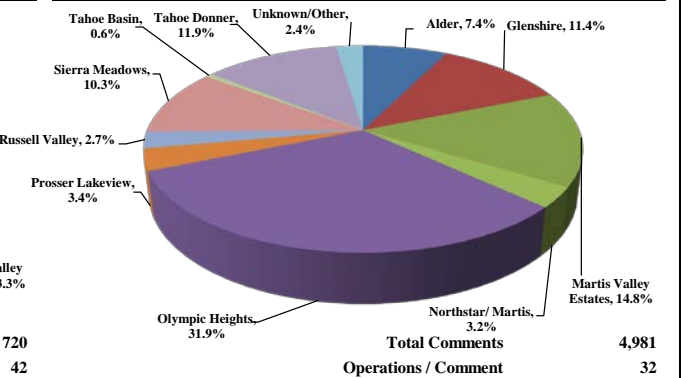
**Current Quarter | Comments**  
October 1, 2024 - December 31, 2024



**Year-to-Date | Comments**  
January 1, 2024 - December 31, 2024



**Historic | Comments**  
January 1, 2019 - December 31, 2023



**Notes**

Operations graphs above use Total Powered Aircraft. Glider operations are not included.

**2023** -Runway 2/20 closed for reconstruction June 25 - November 16

**2018** - Launched Community Hotline & Plane Noise with Smart Receipt

**2017** - Residential Zones changed to match minimum of 1% of total comments

**2015** - Jet > 50,000 lbs category added in Q1

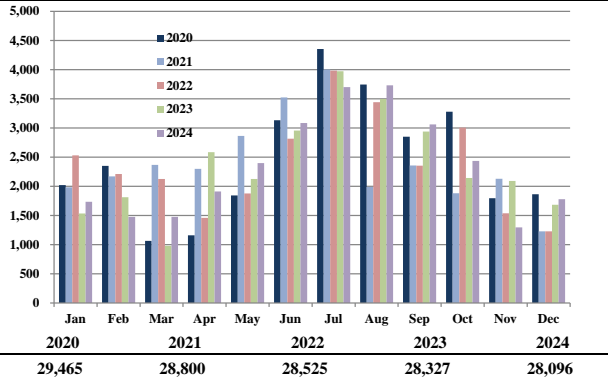
**2014** - TTAD launched 'Report Noise' link in website



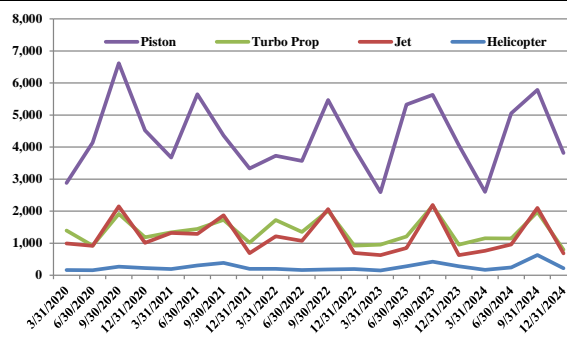
# TRUCKEE TAHOE AIRPORT DISTRICT Operations and Community Comment Report As of 12/31/2024



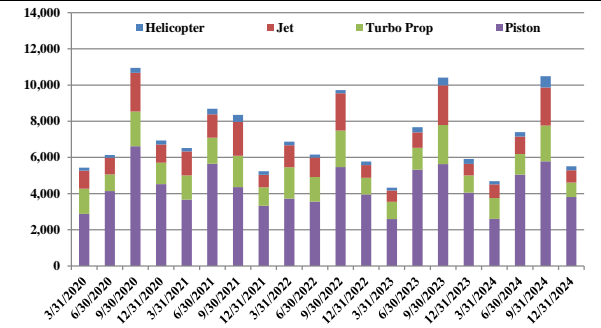
**Operations | by Month by Year  
2020 -2024**



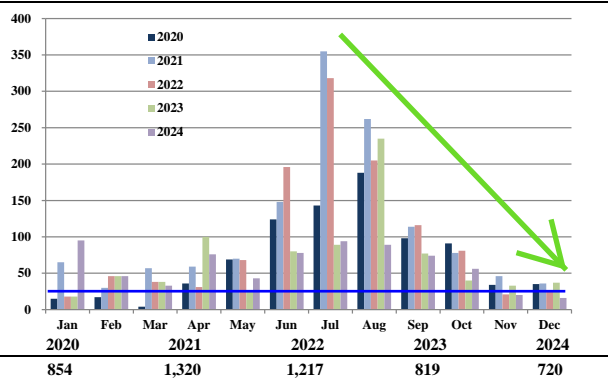
**Operations | by Type by Quarter  
2020 -2024**



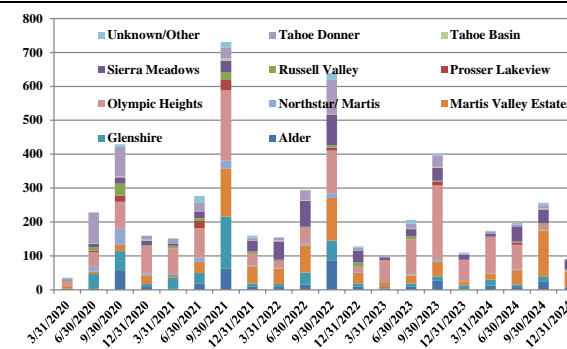
**Operations | Mix by Type by Quarter  
2020 -2024**



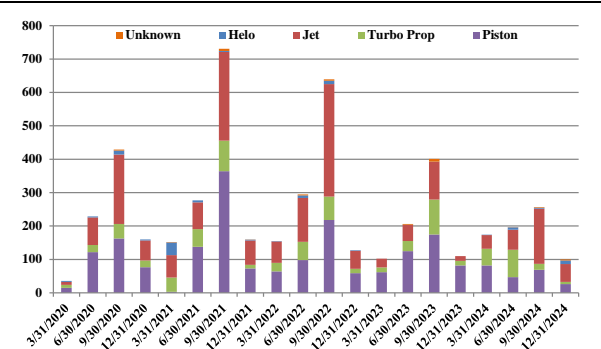
**Comments | by Month by Year  
2020 -2024**



**Comments | by Locale by Quarter  
2020 -2024**



**Comments | by Type by Quarter  
2020 -2024**



### Notes

Operations graphs above use Total Powered Aircraft. Glider operations are not included.

**2023** -Runway 2/20 closed for reconstruction June 25 - November 16

**2018** - Launched Community Hotline & Plane Noise with Smart Receipt

**2017** - Residential Zones changed to match minimum of 1% of total comments

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**2014** – TTAD launched 'Report Noise' link in website



## Truckee Tahoe Airport District Operations and Community Comment Report As of 12/31/2024



OPERATIONS															
	2023				2024				difference		%		Year over Year		Notes
	Oct	Nov	Dec	Q4	Oct	Nov	Dec	Q4			1/1/23 - 12/31/23	1/1/24 - 12/31/24	difference	%	
<b>Operations Detail</b>															
Piston Single	1,380	1,591	1,001	3,972	1,655	874	1,180	3,709	(263)	(6.62%)	16,987	16,640	(347)	(2.04%)	
Piston Twin	54	21	11	86	58	21	25	104	18	20.93%	620	611	(9)	(1.45%)	
Turbo Prop	379	279	295	953	323	197	277	797	(156)	(16.37%)	5,286	5,071	(215)	(4.07%)	
Jet < 12,499 lbs	37	30	35	102	74	53	65	192	90	88.24%	605	790	185	30.58%	
Jet 12,500-19,999 lbs	103	41	84	228	92	48	73	213	(15)	(6.58%)	1,733	1,249	(484)	(27.93%)	
Jet 20,000-49,999 lbs	79	62	111	252	114	44	82	240	(12)	(4.76%)	1,652	2,024	372	22.52%	
Jet > 50,000 lbs	18	8	20	46	12	10	18	40	(6)	(13.04%)	310	450	140	45.16%	
Helicopter	95	61	127	283	109	49	61	219	(64)	(22.61%)	1,134	1,261	127	11.20%	
Total Powered Aircraft	2,145	2,093	1,684	5,922	2,437	1,296	1,781	5,514	(408)	(6.89%)	28,327	28,096	(231)	(0.82%)	
Gliders	-	-	-	-	-	-	-	-	-	0.00%	1,813	2,440	627	34.58%	
<b>Total Operations</b>	<b>2,145</b>	<b>2,093</b>	<b>1,684</b>	<b>5,922</b>	<b>2,437</b>	<b>1,296</b>	<b>1,781</b>	<b>5,514</b>	<b>(408)</b>	<b>(6.89%)</b>	<b>30,140</b>	<b>30,536</b>	<b>396</b>	<b>1.31%</b>	

COMMENTS																	
	2023				2024				difference		%		Year over Year		Notes		
	Oct	Nov	Dec	Q4	Oct	Nov	Dec	Q4			1/1/23 - 12/31/23	1/1/24 - 12/31/24	difference	%			
<b>Comment Location</b>																	
Alder	-	-	2	2	4	1	1	6	4	200.00%	43	52	9	20.93%			
Glenshire	2	5	4	11	-	2	1	3	(8)	(72.73%)	37	48	11	29.73%			
Morris Valley Estates	9	1	2	12	27	11	7	45	33	275.00%	94	233	139	147.87%			
Northstar Morris	-	1	-	1	1	-	-	1	-	0.00%	11	5	(6)	(54.55%)			
Olympic Heights	18	19	25	62	2	-	1	3	(59)	(95.16%)	448	197	(251)	(56.03%)			
Prosser Lakeview	1	-	-	1	-	-	-	-	(1)	(100.00%)	12	10	(2)	(16.67%)			
Russell Valley	-	-	-	-	-	2	-	2	2	100.00%	12	9	(3)	(25.00%)			
Sierra Meadows	9	4	1	14	19	4	5	28	14	100.00%	80	123	43	53.75%			
Tahoe Basin	-	-	-	-	-	-	-	-	-	0.00%	5	3	(2)	(40.00%)			
Tahoe Donner	1	1	2	4	3	-	-	3	(1)	(25.00%)	57	23	(34)	(59.65%)			
Unknown/Other	-	2	1	3	-	-	1	1	(2)	(66.67%)	20	17	(3)	(15.00%)			
<b>Total Comments</b>	<b>40</b>	<b>33</b>	<b>37</b>	<b>110</b>	<b>56</b>	<b>20</b>	<b>16</b>	<b>92</b>	<b>(18)</b>	<b>(16.36%)</b>	<b>819</b>	<b>720</b>	<b>(99)</b>	<b>(12.09%)</b>			
<b>Comment Type</b>																	
Piston	32	29	21	82	10	10	6	26	(56)	(68.29%)	444	224	(220)	(49.55%)			
Turbine	4	2	8	14	5	1	1	7	(7)	(50.00%)	162	157	(5)	(3.09%)			
Jet	4	2	8	14	35	9	9	53	39	278.57%	201	319	118	58.71%			
Helo	-	-	-	-	3	-	-	3	3	100.00%	2	14	12	600.00%			
Unknown	-	-	-	-	3	-	-	3	3	100.00%	10	6	(4)	(40.00%)			
<b>Total Comments</b>	<b>40</b>	<b>33</b>	<b>37</b>	<b>110</b>	<b>56</b>	<b>20</b>	<b>16</b>	<b>92</b>	<b>(18)</b>	<b>(16.36%)</b>	<b>819</b>	<b>720</b>	<b>(99)</b>	<b>(12.09%)</b>			
<b>Operations per Comment</b>					<b>53.8</b>					<b>59.9</b>	<b>6.1</b>	<b>11.33%</b>	<b>36.8</b>	<b>42.4</b>	<b>5.6</b>	<b>15.24%</b>	



**Truckee Tahoe Airport District  
Operations and Community Comment Report  
Calendar 2024**



**OPERATIONS**

	2024																
	Jan	Feb	Mar	Q1	Apr	May	Jun	Q2	Jul	Aug	Sep	Q3	Oct	Nov	Dec	Q4	Total
<b>Operations Detail</b>																	
Piston Single	1005	829	684	2,518	1,310	1,727	1,820	4,857	1,658	2,017	1,881	5,556	1,655	874	1,180	3,709	16,640
Piston Twin	19	31	35	85	36	42	116	194	91	75	62	228	58	21	25	104	611
Turbo Prop	426	349	377	1,152	293	318	533	1,144	855	679	444	1,978	323	197	277	797	5,071
Jet < 12,499 lbs	27	27	37	91	43	60	89	192	116	122	77	315	74	53	65	192	790
Jet 12,500-19,999 lbs	74	82	94	250	50	66	156	272	204	196	114	514	92	48	73	213	1,249
Jet 20,000-49,999 lbs	98	104	143	345	88	102	213	403	429	406	201	1,036	114	44	82	240	2,024
Jet > 50,000 lbs	24	20	34	78	12	30	53	95	85	94	58	237	12	10	18	40	450
Helicopter	63	34	74	171	80	54	106	240	264	143	224	631	109	49	61	219	1,261
Total Powered Aircraft	1,736	1,476	1,478	4,690	1,912	2,399	3,086	7,397	3,702	3,732	3,061	10,495	2,437	1,296	1,781	5,514	28,096
Gliders	-	-	-	-	-	157	545	702	918	534	286	1,738	-	-	-	-	2,440
Total Operations	1,736	1,476	1,478	4,690	1,912	2,556	3,631	8,099	4,620	4,266	3,347	12,233	2,437	1,296	1,781	5,514	30,536

**COMMENTS**

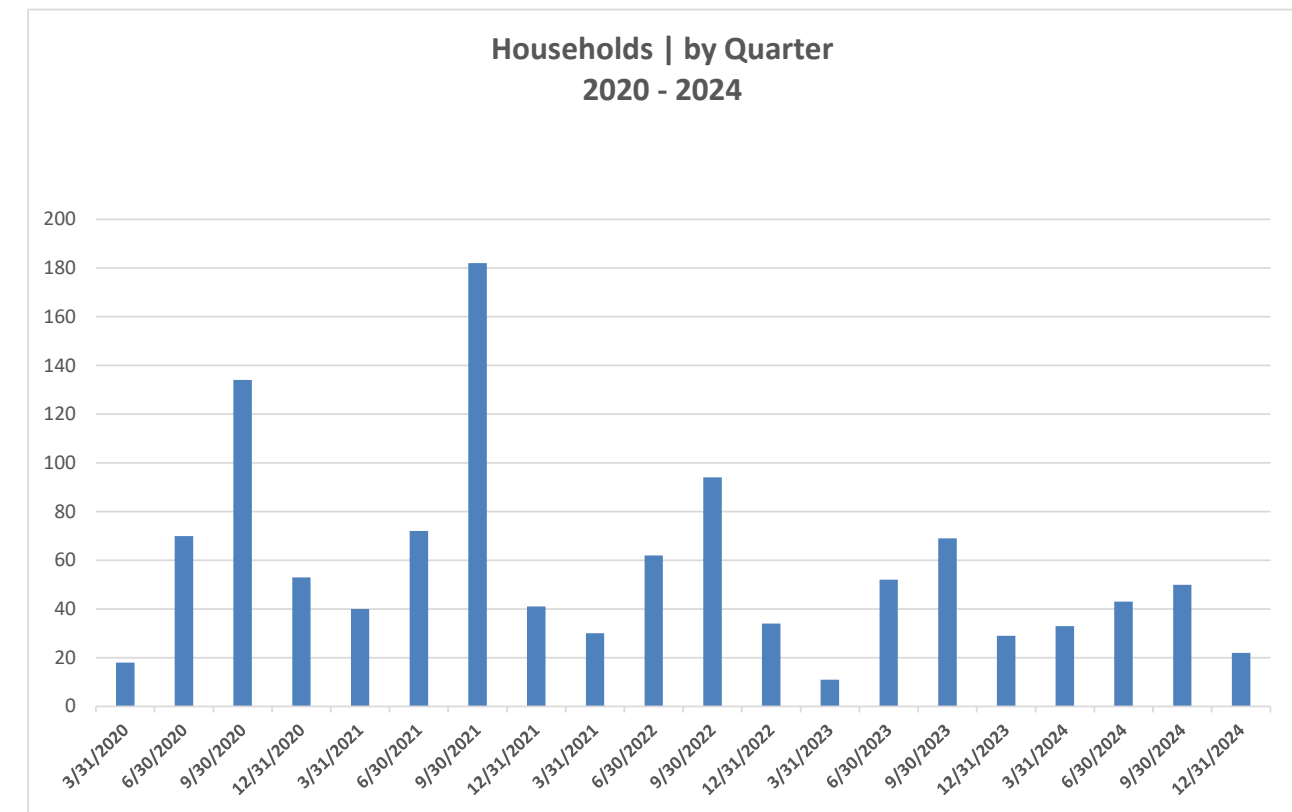
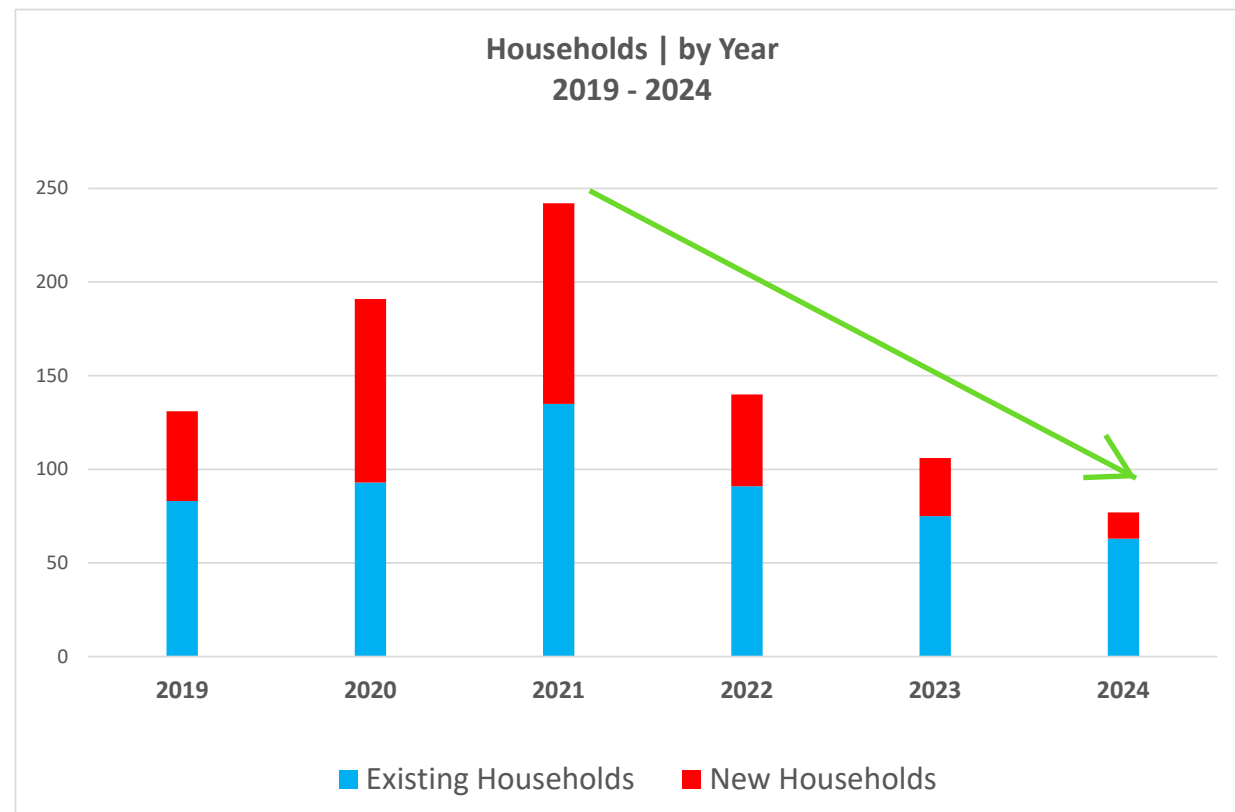
	2024																
	Jan	Feb	Mar	Q1	Apr	May	Jun	Q2	Jul	Aug	Sep	Q3	Oct	Nov	Dec	Q4	Total
<b>Comment Location</b>																	
Alder	4	5	4	13	1	2	5	8	12	7	6	25	4	1	1	6	52
Glenshire	13	1	3	17	2	2	3	7	3	4	8	15	-	2	1	3	42
Martis Valley Estates	2	12	4	18	4	13	26	43	47	51	36	134	27	11	7	45	240
Northstar/ Martis	-	-	-	-	1	1	1	3	1	-	-	1	1	-	-	1	5
Olympic Heights	70	21	16	107	60	7	5	72	6	3	6	15	2	-	1	3	197
Prosser Lakeview	-	-	1	1	1	-	6	7	2	-	-	2	-	-	-	-	10
Russell Valley	1	-	-	1	2	-	-	2	1	1	2	4	-	2	-	2	9
Sierra Meadows	3	3	3	9	5	15	25	45	14	15	12	41	19	4	5	28	123
Tahoe Basin	-	-	-	-	-	-	-	-	3	-	-	3	-	-	-	-	3
Tahoe Donner	2	2	1	5	-	3	2	5	4	5	1	10	3	-	-	3	23
Unknown/Other	-	2	1	3	-	-	5	5	1	3	3	7	-	-	1	1	16
Total Comments	95	46	33	174	76	43	78	197	94	89	74	257	56	20	16	92	720
<b>Comment Type</b>																	
Piston	42	22	18	82	43	2	2	47	22	24	23	69	10	10	6	26	224
Turboprop	41	4	5	50	28	18	36	82	9	4	5	18	5	1	1	7	157
Jet	11	20	10	41	5	21	34	60	61	61	43	165	35	9	9	53	319
Helo	1	-	-	1	-	2	5	7	-	-	3	3	3	-	-	3	14
Unknown	-	-	-	-	-	-	1	1	2	-	-	2	3	-	-	3	6
Total Comments	95	46	33	174	76	43	78	197	94	89	74	257	56	20	16	92	720
<b>Operations per Comment</b>				27				41				48				60	42



## Truckee Tahoe Airport District Annual Operations & Households Summary 2020-2024



	Operations							Fleet Mix						
	2020	2021	2022	2023	2024	Total	Avg. Change	2020	2021	2022	2023	2024	Total	Avg. Change
<b>Operations Detail</b>														
Piston Single	17,002	15,950	15,819	16,987	16,640	82,398	-0.54%	50.84%	50.92%	49.23%	56.36%	54.49%	52.29%	3.65%
Piston Twin	1,152	1,069	899	620	611	4,351	-14.66%	3.44%	3.41%	2.80%	2.06%	2.00%	2.76%	-1.44%
Total Piston	18,154	17,019	16,718	17,607	17,251	86,749	-1.27%	54.29%	54.33%	52.02%	58.42%	56.49%	55.05%	2.21%
Turbo Prop	5,418	5,526	6,017	5,286	5,071	27,318	-1.64%	16.20%	17.64%	18.72%	17.54%	16.61%	17.34%	0.40%
Jet < 12,499 lbs	829	794	591	605	790	3,609	-1.20%	2.48%	2.53%	1.84%	2.01%	2.59%	2.29%	0.11%
Jet 12,500-19,999 lbs	1,883	2,140	2,168	1,733	1,249	9,173	-9.75%	5.63%	6.83%	6.75%	5.75%	4.09%	5.82%	-1.54%
Jet 20,000-49,999 lbs	1,939	2,062	1,878	1,652	2,024	9,555	1.08%	5.80%	6.58%	5.84%	5.48%	6.63%	6.06%	0.83%
Jet > 50,000 lbs	424	179	412	310	450	1,775	n/a	1.27%	0.57%	1.28%	1.03%	1.47%	1.13%	0.21%
Total Jet	5,075	5,175	5,049	4,300	4,513	24,112	-2.89%	15.18%	16.52%	15.71%	14.27%	14.78%	15.30%	-0.40%
Helicopter	818	1,080	741	1,134	1,261	5,034	11.43%	2.45%	3.45%	2.31%	3.76%	4.13%	3.19%	1.68%
Total Powered Aircraft	29,465	28,800	28,525	28,327	28,096	143,213	-1.18%	88.11%	91.95%	88.76%	93.98%	92.01%	90.89%	3.90%
Gliders	3,976	2,523	3,611	1,813	2,440	14,363	-11.49%	11.89%	8.05%	11.24%	6.02%	7.99%	9.11%	-3.90%
<b>Total Operations</b>	<b>33,441</b>	<b>31,323</b>	<b>32,136</b>	<b>30,140</b>	<b>30,536</b>	<b>157,576</b>	<b>-2.25%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>100.00%</b>	<b>0.00%</b>





### Truckee Tahoe Airport District Operations and Community Comment Report 2020-2024



	2020					2021					2022					2023					2024					Total
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	
<b>Operations Detail</b>																										
Piston Single	2,646	3,952	6,183	4,221	17,002	3,435	5,331	4,030	3,154	15,950	3,511	3,324	5,188	3,796	15,819	2,456	5,142	5,417	3,972	16,987	2,518	4,857	5,556	3,709	16,640	82,398
Piston Twin	236	184	433	299	1,152	240	319	333	177	1,069	217	241	283	158	899	135	187	212	86	620	85	194	228	104	611	4,351
Turbo Prop	1,393	924	1,917	1,184	5,418	1,336	1,442	1,728	1,020	5,526	1,725	1,352	2,013	927	6,017	958	1,207	2,168	953	5,286	1,152	1,144	1,978	797	5,071	27,318
Jet < 12,499 lbs	190	156	343	140	829	188	203	281	122	794	124	158	193	116	591	108	151	244	102	605	91	192	315	192	790	3,609
Jet 12,500-19,999 lbs	378	305	778	422	1,883	555	573	685	327	2,140	590	471	844	263	2,168	266	336	903	228	1,733	250	272	514	213	1,249	9,173
Jet 20,000-49,999 lbs	363	402	803	371	1,939	496	486	870	210	2,062	452	367	785	274	1,878	210	328	862	252	1,652	345	403	1,036	240	2,024	9,555
Jet > 50,000 lbs	64	56	224	80	424	80	30	37	32	179	50	78	240	44	412	44	36	184	46	310	78	95	237	40	450	1,775
Helicopter	164	159	270	225	818	192	304	384	200	1,080	201	164	180	196	741	149	281	421	283	1,134	171	240	631	219	1,261	5,034
Total Powered Aircraft	5,434	6,138	10,951	6,942	29,465	6,522	8,688	8,348	5,242	28,800	6,870	6,155	9,726	5,774	28,525	4,326	7,668	10,411	5,922	28,327	4,690	7,397	10,495	5,514	28,096	143,213
Gliders	-	784	3,192	-	3,976	-	1,164	1,359	-	2,523	-	842	2,725	44	3,611	-	702	1,111	-	1,813	-	702	1,738	-	2,440	14,363
<b>Total Operations</b>	<b>5,434</b>	<b>6,922</b>	<b>14,143</b>	<b>6,942</b>	<b>33,441</b>	<b>6,522</b>	<b>9,852</b>	<b>9,707</b>	<b>5,242</b>	<b>31,323</b>	<b>6,870</b>	<b>6,997</b>	<b>12,451</b>	<b>5,818</b>	<b>32,136</b>	<b>4,326</b>	<b>8,370</b>	<b>11,522</b>	<b>5,922</b>	<b>30,140</b>	<b>4,690</b>	<b>8,099</b>	<b>12,233</b>	<b>5,514</b>	<b>30,536</b>	<b>157,576</b>

	2020					2021					2022					2023					2024					Total
	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	Q1	Q2	Q3	Q4	Total	
<b>Comment Location</b>																										
Alder	-	3	58	8	69	3	18	62	9	92	9	15	87	10	121	4	9	28	2	43	13	8	25	6	52	377
Glenshire	3	44	56	9	112	34	32	154	10	230	8	36	58	9	111	4	10	12	11	37	17	7	15	9	42	532
Martis Valley Estates	8	7	19	26	60	7	32	142	50	231	45	80	126	31	282	15	23	44	12	94	18	43	134	38	240	907
Northstar/ Martis	1	14	47	5	67	6	13	23	2	44	1	6	14	2	23	-	3	7	1	11	-	3	1	1	5	150
Olympic Heights	15	44	80	80	219	73	87	207	34	401	22	45	126	16	209	65	104	217	62	448	107	72	15	3	197	1,474
Prosser Lakeview	-	4	18	1	23	-	21	33	2	56	2	2	8	-	12	-	-	11	1	12	1	7	2	-	10	113
Russell Valley	-	10	35	2	47	7	8	21	6	42	2	2	7	13	24	-	9	3	-	12	1	2	4	2	9	134
Sierra Meadows	2	9	19	14	44	7	20	34	32	93	54	76	91	35	256	8	21	37	14	80	9	45	41	28	123	596
Tahoe Basin	-	2	2	3	7	-	-	6	1	7	3	3	2	-	8	-	1	4	-	5	-	-	3	-	3	30
Tahoe Donner	3	91	88	11	193	14	27	33	8	82	8	27	100	8	143	3	16	34	4	57	5	5	10	3	23	498
Unknown/Other	4	1	7	1	13	1	19	16	6	42	1	3	20	4	28	3	10	4	3	20	3	5	7	2	16	119
<b>Total Comments</b>	<b>36</b>	<b>229</b>	<b>429</b>	<b>160</b>	<b>854</b>	<b>152</b>	<b>277</b>	<b>731</b>	<b>160</b>	<b>854</b>	<b>155</b>	<b>295</b>	<b>639</b>	<b>128</b>	<b>1,217</b>	<b>102</b>	<b>206</b>	<b>401</b>	<b>110</b>	<b>819</b>	<b>174</b>	<b>197</b>	<b>257</b>	<b>92</b>	<b>720</b>	<b>4,930</b>
<b>Comment Type</b>																										
Piston	15	122	163	77	377	3	138	364	73	578	64	98	218	59	439	62	125	175	82	444	82	47	69	26	224	2,062
Turbine	9	21	43	20	93	43	53	92	11	199	26	55	70	13	164	14	30	104	14	162	50	82	18	7	157	775
Jet	9	83	208	60	360	67	80	265	73	485	64	131	337	54	586	26	48	113	14	201	41	60	165	53	319	1,951
Helo	3	3	12	3	21	38	6	3	2	49	1	8	10	2	21	-	1	1	-	2	1	7	3	3	14	107
Unknown	-	-	3	-	3	1	-	7	1	9	-	3	4	-	7	-	2	8	-	10	-	1	2	3	6	35
<b>Total Comments</b>	<b>36</b>	<b>229</b>	<b>429</b>	<b>160</b>	<b>854</b>	<b>152</b>	<b>277</b>	<b>731</b>	<b>160</b>	<b>1,320</b>	<b>155</b>	<b>295</b>	<b>639</b>	<b>128</b>	<b>1,217</b>	<b>102</b>	<b>206</b>	<b>401</b>	<b>110</b>	<b>819</b>	<b>174</b>	<b>197</b>	<b>257</b>	<b>92</b>	<b>720</b>	<b>4,930</b>
<b>Operations per Comment</b>	<b>151</b>	<b>30</b>	<b>33</b>	<b>43</b>	<b>39</b>	<b>43</b>	<b>36</b>	<b>13</b>	<b>33</b>	<b>24</b>	<b>44</b>	<b>24</b>	<b>19</b>	<b>45</b>	<b>26</b>	<b>42</b>	<b>41</b>	<b>29</b>	<b>54</b>	<b>37</b>	<b>27</b>	<b>42</b>	<b>45</b>	<b>64</b>	<b>42</b>	<b>32</b>