

## **Appendix C: Forecast Tables**

FAA Aerospace Forecast Fiscal Years 2026–2046

TABLE 1

U.S. SHORT-TERM ECONOMIC FORECASTS

ECONOMIC VARIABLE	FISCAL YEAR 2025				FISCAL YEAR 2026				FISCAL YEAR 2027			
	1ST. QTR.	2ND. QTR.	3RD QTR.	4TH. QTR.	1ST. QTR.	2ND. QTR.	3RD QTR.	4TH. QTR.	1ST. QTR.	2ND. QTR.	3RD QTR.	4TH. QTR.
<b>Real Personal Consumption</b>												
<b>Expenditure per Capita</b>												
(2017 \$)	47,779	47,786	48,025	48,309	48,459	48,734	49,010	49,256	49,447	49,587	49,765	49,955
Year over year change	2.5%	2.3%	2.1%	1.9%	1.4%	2.0%	2.1%	2.0%	2.0%	1.7%	1.5%	1.4%
<b>Refiners' Acquisition Cost - Average</b>												
(Dollars per barrel)	71.40	72.65	65.58	66.73	60.49	56.94	54.35	55.41	56.17	57.46	60.34	62.91
Year over year change	-10.2%	-4.9%	-19.8%	-13.2%	-15.3%	-21.6%	-17.1%	-17.0%	-7.1%	0.9%	11.0%	13.5%
<b>Consumer Price Index</b>												
(1982-84 = 1)	3.165	3.195	3.208	3.233	3.255	3.281	3.301	3.324	3.345	3.364	3.387	3.409
Year over year change	2.7%	2.7%	2.5%	2.9%	2.8%	2.7%	2.9%	2.8%	2.8%	2.5%	2.6%	2.5%
Source: S&P Global												

**TABLE 2**

**U.S. LONG-TERM ECONOMIC FORECASTS**

FISCAL YEAR	REAL GROSS DOMESTIC PRODUCT (Billions 2017 \$)	REAL PERSONAL CONSUMPTION EXPENDITURE PER CAPITA (2017 \$)	CONSUMER PRICE INDEX (1982-84=1.00)	REFINERS' ACQUISITION COST AVERAGE (Dollars per barrel)
<u>Historical</u>				
2010	16,675	36,378	2.17	74.61
2019	20,546	41,940	2.54	59.77
2020	20,333	41,093	2.58	43.15
2021	21,233	43,701	2.67	58.91
2022	22,004	45,440	2.88	93.50
2023	22,535	46,071	3.02	78.56
2024	23,220	46,938	3.12	78.66
2025E	23,712	47,975	3.20	69.09
<u>Forecast</u>				
2026	24,216	48,865	3.29	56.80
2031	26,456	53,746	3.69	72.52
2036	28,948	59,607	4.16	91.72
2041	31,327	65,384	4.63	100.17
2046	33,697	71,037	5.16	108.46
<u>Avg Annual Growth</u>				
2010-25	2.4%	1.9%	2.6%	-0.5%
2025-26	2.1%	1.9%	2.8%	-17.8%
2026-36	1.8%	2.0%	2.4%	4.9%
2026-46	1.7%	1.9%	2.3%	3.3%
Source: S&P Global				

FAA Aerospace Forecast Fiscal Years 2026–2046

**TABLE 3**

**INTERNATIONAL GDP FORECASTS BY TRAVEL REGION**

CALENDAR YEAR	GROSS DOMESTIC PRODUCT (In Billions of 2019 U.S. Dollars)					WORLD
	CANADA	EUROPE / AFRICA / MIDDLE EAST	LATIN AMERICA / CARIBBEAN / MEXICO	JAPAN / PACIFIC BASIN / CHINA / OTHER ASIA / AUSTRALIA / NEW ZEALAND		
<u>Historical</u>						
2010	1,439	22,041	4,647	20,177		67,678
2019	1,744	26,439	5,418	31,165		88,557
2020	1,656	24,999	5,055	30,906		85,897
2021	1,754	26,594	5,417	33,031		91,500
2022	1,837	27,743	5,635	34,171		94,606
2023	1,873	28,064	5,764	35,670		97,364
2024	1,911	28,472	5,886	37,065		100,093
2025E	1,943	29,070	6,018	38,640		103,000
<u>Forecast</u>						
2026	1,971	29,637	6,147	40,148		105,857
2031	2,194	32,930	7,038	48,333		121,125
2036	2,408	36,280	8,069	57,211		137,587
2041	2,645	39,679	9,176	66,801		154,790
2046	2,897	43,347	10,454	77,263		173,297
<u>Avg Annual Growth</u>						
2010-25	2.0%	1.9%	1.7%	4.4%		2.8%
2025-26	1.4%	1.9%	2.1%	3.9%		2.8%
2026-36	2.0%	2.0%	2.8%	3.6%		2.7%
2026-46	1.9%	1.9%	2.7%	3.3%		2.5%

Source: S&P Global, Comparative World Overview Tables (Interim Forecast, Monthly)

**TABLE 4**

**INTERNATIONAL GDP FORECASTS – SELECTED AREAS/COUNTRIES**

CALENDAR YEAR	GROSS DOMESTIC PRODUCT (In Billions of 2019 U.S. Dollars)				
	NORTH AMERICA (USMCA)	EUROZONE	UNITED KINGDOM	JAPAN	CHINA
<u>Historical</u>					
2010	19,986	12,145	2,420	4,798	7,697
2019	24,588	13,735	2,875	5,246	14,558
2020	23,941	12,893	2,586	5,019	14,894
2021	25,412	13,714	2,807	5,202	16,173
2022	26,106	14,224	2,952	5,269	16,680
2023	26,857	14,306	2,960	5,307	17,583
2024	27,570	14,432	2,992	5,294	18,459
2025E	28,133	14,642	3,033	5,358	19,383
<u>Forecast</u>					
2026	28,754	14,795	3,056	5,407	20,268
2031	31,441	15,960	3,278	5,623	25,087
2036	34,460	17,060	3,482	5,836	30,287
2041	37,320	18,094	3,688	6,034	35,633
2046	40,221	19,131	3,898	6,186	41,223
<u>Avg Annual Growth</u>					
2010-25	2.3%	1.3%	1.5%	0.7%	6.4%
2025-26	2.2%	1.0%	0.8%	0.9%	4.6%
2026-36	1.8%	1.4%	1.3%	0.8%	4.1%
2026-46	1.7%	1.3%	1.2%	0.7%	3.6%

Source: S&P Global, Comparative World Overview Tables (Interim Forecast, Monthly)

**TABLE 5**  
**U.S. COMMERCIAL AIR CARRIERS<sup>1</sup>**  
**TOTAL SCHEDULED U.S. PASSENGER TRAFFIC**

FISCAL YEAR	REVENUE PASSENGER ENPLANEMENTS (Millions)			REVENUE PASSENGER MILES (Billions)		
	DOMESTIC	INTERNATIONAL	TOTAL	DOMESTIC	INTERNATIONAL	TOTAL
<u>Historical</u>						
2010	635	77	712	555	231	786
2019	813	104	917	752	292	1,044
2020	465	49	513	423	129	551
2021	508	49	557	476	92	567
2022	739	91	830	696	213	909
2023	811	111	922	763	290	1,053
2024	859	120	978	805	318	1,123
2025E	855	120	975	805	328	1,133
<u>Forecast</u>						
2026	875	123	998	825	338	1,163
2031	991	141	1,131	947	383	1,330
2036	1,132	164	1,295	1,096	439	1,534
2041	1,268	188	1,456	1,244	496	1,740
2046	1,408	215	1,623	1,399	560	1,959
<u>Avg Annual Growth</u>						
2010-25	2.0%	3.0%	2.1%	2.5%	2.4%	2.5%
2025-26	2.4%	2.3%	2.4%	2.5%	3.1%	2.7%
2026-36	2.6%	2.9%	2.6%	2.9%	2.6%	2.8%
2026-46	2.4%	2.8%	2.5%	2.7%	2.6%	2.6%

Source: Forms 41 and 298-C, U.S. Department of Transportation.

<sup>1</sup>Sum of U.S. Mainline and Regional Air Carriers.

**TABLE 6**

**U.S. COMMERCIAL AIR CARRIERS<sup>1</sup>**

**SCHEDULED PASSENGER CAPACITY, TRAFFIC, AND LOAD FACTORS**

FISCAL YEAR	DOMESTIC			INTERNATIONAL			SYSTEM		
	ASMs (BIL)	RPMs (BIL)	% LOAD FACTOR	ASMs (BIL)	RPMs (BIL)	% LOAD FACTOR	ASMs (BIL)	RPMs (BIL)	% LOAD FACTOR
<u>Historical</u>									
2010	679	555	81.7	281	231	82.1	961	786	81.8
2019	883	752	85	352	292	83	1,235	1,044	84.5
2020	618	423	68	178	129	72	796	551	69.2
2021	658	476	72	171	92	54	829	567	68.5
2022	834	696	83	278	213	77	1,112	909	81.7
2023	907	763	84	348	290	83	1,255	1,053	83.9
2024	961	805	83.7	388	318	82.1	1,349	1,123	83.3
2025E	979	805	82.2	396	328	82.8	1,375	1,133	82.4
<u>Forecast</u>									
2026	997	825	82.8	408	338	82.8	1,405	1,163	82.8
2031	1,118	947	84.7	463	383	82.8	1,581	1,330	84.1
2036	1,287	1,096	85.1	529	439	82.8	1,817	1,534	84.5
2041	1,458	1,244	85.3	599	496	82.9	2,057	1,740	84.6
2046	1,640	1,399	85.3	675	560	82.9	2,315	1,959	84.6
<u>Avg Annual Growth</u>									
2010-25	2.5%	2.5%		2.3%	2.4%		2.4%	2.5%	
2025-26	1.9%	2.5%		3.1%	3.1%		2.2%	2.7%	
2026-36	2.6%	2.9%		2.6%	2.6%		2.6%	2.8%	
2026-46	2.5%	2.7%		2.6%	2.6%		2.5%	2.6%	

Source: Forms 41 and 298-C, U.S. Department of Transportation.

<sup>1</sup>Sum of U.S. Mainline and Regional Air Carriers.

FAA Aerospace Forecast Fiscal Years 2026–2046

TABLE 7

U.S. COMMERCIAL AIR CARRIERS<sup>1</sup>

TOTAL SCHEDULED U.S. INTERNATIONAL PASSENGER TRAFFIC

FISCAL YEAR	REVENUE PASSENGER ENPLANEMENTS				REVENUE PASSENGER MILES			
	LATIN		TOTAL		LATIN		TOTAL	
	ATLANTIC	AMERICA	PACIFIC	INTERNATIONAL	ATLANTIC	AMERICA	PACIFIC	INTERNATIONAL
	(Mil)	(Mil)	(Mil)	(Mil)	(Bil)	(Bil)	(Bil)	(Bil)
<u>Historical</u>								
2010	25	37	13	75	109	62	59	230
2019	28	59	13	100	121	94	75	290
2020	11	30	6	47	48	48	31	127
2021	6	41	1	47	27	59	4	90
2022	23	63	3	89	100	96	15	211
2023	32	70	7	109	141	104	43	289
2024	33	74	10	117	146	113	58	317
2025E	34	72	11	117	148	112	66	326
<u>Forecast</u>								
2026	36	73	12	120	155	113	67	336
2031	39	86	13	138	171	136	74	381
2036	43	103	14	160	190	164	82	436
2041	46	122	16	184	208	194	91	493
2046	50	143	17	211	227	229	100	556
<u>Avg Annual Growth</u>								
2010-25	2.2%	4.5%	-0.8%	3.1%	2.1%	4.0%	0.7%	2.4%
2025-26	4.4%	1.4%	1.5%	2.3%	4.7%	1.6%	1.7%	3.0%
2026-36	1.8%	3.6%	2.0%	2.9%	2.0%	3.7%	2.0%	2.6%
2026-46	1.8%	3.4%	2.0%	2.9%	1.9%	3.6%	2.0%	2.6%

Source: Forms 41 and 298-C, U.S. Department of Transportation.

<sup>1</sup>Sum of U.S. Mainline and Regional Air Carriers.

**TABLE 8**

**U.S. AND FOREIGN FLAG CARRIERS**

**TOTAL PASSENGER TRAFFIC TO/FROM THE UNITED STATES**

CALENDAR YEAR	TOTAL PASSENGERS BY WORLD TRAVEL AREA (Millions)				
	ATLANTIC	LATIN AMERICA	PACIFIC	U.S./CANADA TRANSBORDER	TOTAL
<u>Historical</u>					
2010	55.9	53.1	27.0	21.8	157.8
2019	88.5	88.7	43.8	31.9	252.9
2020	17.3	33.4	9.5	7.0	67.2
2021	24.1	65.8	4.4	4.8	99.0
2022	71.4	88.0	15.3	20.8	195.4
2023	86.8	99.6	29.4	28.4	244.2
2024	93.3	107.3	34.7	31.5	266.9
2025E	95.2	107.0	36.6	29.2	268.0
<u>Forecast</u>					
2026	97.5	109.5	38.1	29.3	274.3
2031	113.5	128.0	44.9	34.1	320.5
2036	130.7	149.4	52.2	38.5	370.9
2041	147.4	171.4	60.3	43.9	423.0
2046	164.5	195.4	69.4	50.5	479.8
<u>Avg Annual Growth</u>					
2010-25	3.6%	4.8%	2.0%	2.0%	3.6%
2025-26	2.4%	2.3%	4.0%	0.3%	2.4%
2026-36	3.0%	3.2%	3.2%	2.8%	3.1%
2026-46	2.7%	2.9%	3.0%	2.8%	2.8%

Source: US Customs & Border Protection data processed and released by Department of Commerce.

**TABLE 9**

**U.S. COMMERCIAL AIR CARRIERS' FORECAST ASSUMPTIONS<sup>1</sup>**

**SEATS PER AIRCRAFT MILE AND PASSENGER TRIP LENGTH**

FISCAL YEAR	AVERAGE SEATS PER AIRCRAFT MILE			AVERAGE PASSENGER TRIP LENGTH		
	DOMESTIC (Seats/Mile)	INTERNATIONAL (Seats/Mile)	SYSTEM (Seats/Mile)	DOMESTIC (Miles)	INTERNATIONAL (Miles)	SYSTEM (Miles)
<u>Historical</u>						
2010	121.8	216.4	139.7	874.8	2,988.0	1,104.2
2019	141.1	221.3	157.4	924.9	2,813.9	1,138.7
2020	141.1	217.1	153.1	909.2	2,647.9	1,073.6
2021	144.8	198.6	153.4	937.3	1,859.6	1,018.9
2022	149.0	215.4	161.4	941.2	2,347.5	1,094.7
2023	154.6	224.9	169.3	940.4	2,609.7	1,141.5
2024	154.8	226.1	170.2	937.5	2,654.8	1,147.8
2025E	153.7	226.5	169.4	941.5	2,732.5	1,161.9
<u>Forecast</u>						
2026	153.7	227.3	169.6	942.7	2,752.1	1,165.2
2031	156.4	228.6	172.4	955.6	2,727.0	1,175.7
2036	159.8	229.7	175.4	968.2	2,681.3	1,184.5
2041	163.4	231.1	178.6	981.1	2,640.5	1,195.3
2046	167.0	232.4	182.0	994.1	2,601.4	1,207.2
<u>Avg Annual Growth</u>						
2010-25	1.6%	0.3%	1.3%	0.5%	-0.6%	0.3%
2025-26	0.0%	0.3%	0.2%	0.1%	0.7%	0.3%
2026-36	0.4%	0.1%	0.3%	0.3%	-0.3%	0.2%
2026-46	0.4%	0.1%	0.4%	0.3%	-0.3%	0.2%
Source: Forms 41 and 298-C, U.S. Department of Transportation.						

<sup>1</sup>Sum of U.S. Mainline and Regional Air Carriers.

**TABLE 10**

**U. S. MAINLINE AIR CARRIERS  
SCHEDULED PASSENGER TRAFFIC**

FISCAL YEAR	REVENUE PASSENGER ENPLANEMENTS (Millions)			REVENUE PASSENGER MILES (Billions)		
	DOMESTIC	INTERNATIONAL	SYSTEM	DOMESTIC	INTERNATIONAL	SYSTEM
<u>Historical</u>						
2010	473	75	548	480	230	710
2019	654	100	754	674	290	963
2020	370	47	417	376	127	503
2021	402	47	449	422	90	512
2022	613	89	701	634	211	845
2023	696	109	805	710	289	998
2024	731	117	849	747	317	1,063
2025E	715	117	832	740	326	1,066
<u>Forecast</u>						
2026	729	120	849	757	336	1,093
2031	825	138	962	868	381	1,249
2036	942	160	1,102	1,004	436	1,440
2041	1,056	184	1,240	1,139	493	1,632
2046	1,172	211	1,383	1,280	556	1,837
<u>Avg Annual Growth</u>						
2010-25	2.8%	3.1%	2.8%	2.9%	2.4%	2.7%
2025-26	1.9%	2.3%	2.0%	2.3%	3.0%	2.5%
2026-36	2.6%	2.9%	2.7%	2.9%	2.6%	2.8%
2026-46	2.4%	2.9%	2.5%	2.7%	2.6%	2.6%
Source: Form 41, U.S. Department of Transportation.						

**TABLE 11**

**U.S. MAINLINE AIR CARRIERS**

**SCHEDULED PASSENGER CAPACITY, TRAFFIC, AND LOAD FACTORS**

FISCAL YEAR	DOMESTIC			INTERNATIONAL			SYSTEM		
	ASMs (BIL)	RPMs (BIL)	% LOAD FACTOR	ASMs (BIL)	RPMs (BIL)	% LOAD FACTOR	ASMs (BIL)	RPMs (BIL)	% LOAD FACTOR
<u>Historical</u>									
2010	581	480	82.7	279	230	82.2	860	710	82.5
2019	785	674	85.8	349	290	83.0	1,134	963	85.0
2020	547	376	68.7	176	127	72.4	723	503	69.6
2021	582	422	72.6	169	90	53.4	751	512	68.2
2022	756	634	83.9	276	211	76.6	1,032	845	81.9
2023	842	710	84.3	346	289	83.4	1,188	998	84.1
2024	890	747	83.9	386	317	82.1	1,276	1,063	83.4
2025E	899	740	82.3	394	326	82.8	1,293	1,066	82.5
<u>Forecast</u>									
2026	913	757	82.9	406	336	82.8	1,318	1,093	82.9
2031	1,022	868	84.9	460	381	82.8	1,483	1,249	84.3
2036	1,176	1,004	85.3	526	436	82.9	1,703	1,440	84.6
2041	1,332	1,139	85.5	595	493	82.9	1,927	1,632	84.7
2046	1,497	1,280	85.5	671	556	82.9	2,168	1,837	84.7
<u>Avg Annual Growth</u>									
2010-25	3.0%	2.9%		2.3%	2.4%		2.7%	2.7%	
2025-26	1.6%	2.3%		3.0%	3.0%		2.0%	2.5%	
2026-36	2.6%	2.9%		2.6%	2.6%		2.6%	2.8%	
2026-46	2.5%	2.7%		2.5%	2.6%		2.5%	2.6%	

Source: Form 41, U.S. Department of Transportation.

**TABLE 12**

**U.S. MAINLINE AIR CARRIERS**

**SCHEDULED INTERNATIONAL PASSENGER ENPLANEMENTS**

FISCAL YEAR	REVENUE PASSENGER ENPLANEMENTS (MIL)			
	ATLANTIC	LATIN AMERICA	PACIFIC	TOTAL
<u>Historical</u>				
2010	24.5	37.2	12.9	74.6
2019	27.9	59.2	13.2	100.2
2020	10.8	30.3	5.6	46.7
2021	5.7	40.9	0.8	47.4
2022	22.6	63.3	2.6	88.5
2023	31.8	69.7	7.4	109.0
2024	33.4	74.1	10.0	117.5
2025E	34.0	71.9	11.4	117.3
<u>Forecast</u>				
2026	35.5	72.9	11.6	120.0
2031	38.7	86.1	12.7	137.5
2036	42.6	103.3	14.1	160.0
2041	46.5	121.9	15.5	183.9
2046	50.4	143.2	17.1	210.8
<u>Avg Annual Growth</u>				
2010-25	2.2%	4.5%	-0.8%	3.1%
2025-26	4.4%	1.4%	1.5%	2.3%
2026-36	1.8%	3.6%	2.0%	2.9%
2026-46	1.8%	3.4%	2.0%	2.9%
Source: Form 41, U.S. Department of Transportation.				

**TABLE 13**  
**U.S. MAINLINE AIR CARRIERS**  
**SCHEDULED PASSENGER CAPACITY, TRAFFIC, AND LOAD FACTORS**  
**BY INTERNATIONAL TRAVEL REGIONS**

FISCAL YEAR	ATLANTIC			LATIN AMERICA			PACIFIC			INTERNATIONAL		
	ASMs (BIL)	RPMs (BIL)	% LOAD FACTOR	ASMs (BIL)	RPMs (BIL)	% LOAD FACTOR	ASMs (BIL)	RPMs (BIL)	% LOAD FACTOR	ASMs (BIL)	RPMs (BIL)	% LOAD FACTOR
<u>Historical</u>												
2010	131	109	82.9	78	62	79.2	70	59	84.1	279	230	82.2
2019	146	121	82.9	112	94	83.5	91	75	82.6	349	290	83.0
2020	69	48	69.3	63	48	76.2	44	31	71.8	176	127	72.4
2021	57	27	47.8	92	59	63.5	20	4	22.4	169	90	53.4
2022	128	100	78.1	121	96	79.6	27	15	56.3	276	211	76.6
2023	171	141	82.6	122	104	85.8	54	43	80.5	346	289	83.4
2024	177	146	82.5	133	113	84.8	76	58	76.6	386	317	82.1
2025E	178	148	83.3	133	112	83.9	83	66	80.0	394	326	82.8
<u>Forecast</u>												
2026	186	155	83.3	135	113	83.9	84	67	80.0	406	336	82.8
2031	206	171	83.3	162	136	83.9	93	74	80.0	460	381	82.8
2036	228	190	83.3	195	164	83.9	103	82	80.0	526	436	82.9
2041	250	208	83.3	232	194	83.9	114	91	80.0	595	493	82.9
2046	273	227	83.3	273	229	83.9	125	100	80.0	671	556	82.9
<u>Avg Annual Growth</u>												
2010-25	2.1%	2.1%		3.6%	4.0%		1.1%	0.7%		2.3%	2.4%	
2025-26	4.7%	4.7%		1.6%	1.6%		1.7%	1.7%		3.0%	3.0%	
2026-36	2.0%	2.0%		3.7%	3.7%		2.0%	2.0%		2.6%	2.6%	
2026-46	1.9%	1.9%		3.6%	3.6%		2.0%	2.0%		2.5%	2.6%	

Source: Form 41, U.S. Department of Transportation.

**TABLE 14**

**U.S. MAINLINE AIR CARRIER FORECAST ASSUMPTIONS  
SEATS PER AIRCRAFT MILE**

FISCAL YEAR	INTERNATIONAL					SYSTEM (Seats/Mile)
	DOMESTIC (Seats/Mile)	ATLANTIC (Seats/Mile)	LATIN AMERICA (Seats/Mile)	PACIFIC (Seats/Mile)	TOTAL (Seats/Mile)	
<u>Historical</u>						
2010	152.0	231.7	171.7	287.2	220.9	169.2
2019	166.0	251.6	177.9	269.9	225.6	180.7
2020	166.7	256.2	178.5	256.5	221.8	177.4
2021	171.7	255.4	178.8	205.8	202.4	177.8
2022	171.0	260.0	180.4	265.8	218.3	181.5
2023	172.2	256.3	183.1	278.8	227.2	185.2
2024	172.7	254.1	184.6	279.6	228.6	186.5
2025E	173.5	253.4	185.8	277.7	229.4	187.4
<u>Forecast</u>						
2026	174.1	253.9	186.3	278.5	230.2	188.2
2031	176.6	256.4	188.8	282.2	231.5	190.7
2036	179.9	258.9	191.3	286.0	232.7	193.5
2041	183.5	261.4	193.8	289.7	234.0	196.6
2046	187.1	263.9	196.3	293.5	235.3	199.8
<u>Avg Annual Growth</u>						
2010-25	0.9%	0.6%	0.5%	-0.2%	0.3%	0.7%
2025-26	0.3%	0.2%	0.3%	0.3%	0.4%	0.4%
2026-36	0.3%	0.2%	0.3%	0.3%	0.1%	0.3%
2026-46	0.4%	0.2%	0.3%	0.3%	0.1%	0.3%

Source: Form 41, U.S. Department of Transportation.

**TABLE 15**  
**U.S. MAINLINE AIR CARRIER FORECAST ASSUMPTIONS**  
**AVERAGE PASSENGER TRIP LENGTH**

FISCAL YEAR	DOMESTIC (Miles)	INTERNATIONAL			TOTAL (Miles)	SYSTEM (Miles)
		ATLANTIC (Miles)	LATIN AMERICA (Miles)	PACIFIC (Miles)		
<u>Historical</u>						
2010	1,015	4,433	1,660	4,587	3,077	1,296
2019	1,030	4,330	1,582	5,709	2,890	1,278
2020	1,015	4,442	1,577	5,634	2,725	1,207
2021	1,050	4,756	1,434	5,809	1,906	1,140
2022	1,035	4,435	1,517	5,835	2,388	1,206
2023	1,021	4,428	1,497	5,841	2,649	1,241
2024	1,021	4,370	1,520	5,800	2,695	1,253
2025E	1,035	4,355	1,552	5,808	2,778	1,281
<u>Forecast</u>						
2026	1,039	4,368	1,556	5,817	2,799	1,288
2031	1,052	4,425	1,575	5,844	2,772	1,298
2036	1,065	4,456	1,585	5,838	2,724	1,306
2041	1,079	4,478	1,593	5,847	2,681	1,317
2046	1,092	4,501	1,601	5,853	2,640	1,328
<u>Avg Annual Growth</u>						
2010-25	0.1%	-0.1%	-0.4%	1.6%	-0.7%	-0.1%
2025-26	0.3%	0.3%	0.2%	0.2%	0.8%	0.5%
2026-36	0.3%	0.2%	0.2%	0.0%	-0.3%	0.1%
2026-46	0.3%	0.1%	0.1%	0.0%	-0.3%	0.2%

Source: Form 41, U.S. Department of Transportation.

**TABLE 16**

**U.S. MAINLINE AIR CARRIER FORECAST ASSUMPTIONS  
PASSENGER YIELDS**

FISCAL YEAR	REVENUE PER PASSENGER MILE					
	DOMESTIC		INTERNATIONAL		SYSTEM	
	CURRENT \$ (Cents)	FY 2025 \$ (Cents)	CURRENT \$ (Cents)	FY 2025 \$ (Cents)	CURRENT \$ (Cents)	FY 2025 \$ (Cents)
<u>Historical</u>						
2010	12.62	18.58	12.84	18.89	12.69	18.68
2019	14.12	17.77	13.47	16.94	13.92	17.52
2020	13.40	16.62	13.48	16.71	13.42	16.64
2021	11.73	14.09	12.84	15.42	11.93	14.32
2022	15.62	17.37	15.23	16.95	15.52	17.27
2023	16.73	17.71	16.81	17.80	16.75	17.73
2024	16.24	16.68	16.35	16.79	16.27	16.71
2025E	16.41	16.41	16.29	16.29	16.37	16.37
<u>Forecast</u>						
2026	16.57	16.11	16.52	16.12	16.55	16.10
2031	18.25	15.81	18.06	15.64	18.19	15.76
2036	20.14	15.50	19.55	15.13	19.96	15.36
2041	21.73	15.03	21.03	14.64	21.52	14.88
2046	23.49	14.56	22.69	14.15	23.24	14.41
<u>Avg Annual Growth</u>						
2010-25	1.8%	-0.8%	1.6%	-1.0%	1.7%	-0.9%
2025-26	0.9%	-1.8%	1.4%	-1.0%	1.1%	-1.7%
2026-36	2.0%	-0.4%	1.7%	-0.6%	1.9%	-0.5%
2026-46	1.8%	-0.5%	1.6%	-0.6%	1.7%	-0.6%
Source: Form 41, U.S. Department of Transportation.						

FAA Aerospace Forecast Fiscal Years 2026–2046

**TABLE 17**

**U.S. MAINLINE AIR CARRIER FORECAST ASSUMPTIONS  
INTERNATIONAL PASSENGER YIELDS BY REGION**

FISCAL YEAR	REVENUE PER PASSENGER MILE							
	ATLANTIC		LATIN AMERICA		PACIFIC		TOTAL INTERNATIONAL	
	CURRENT \$ (Cents)	FY 2025 \$ (Cents)	CURRENT \$ (Cents)	FY 2025 \$ (Cents)	CURRENT \$ (Cents)	FY 2025 \$ (Cents)	CURRENT \$ (Cents)	FY 2025 \$ (Cents)
<u>Historical</u>								
2010	12.73	18.75	13.33	19.63	12.50	18.40	12.84	18.89
2019	14.04	17.67	14.20	17.87	11.63	14.64	13.47	16.94
2020	13.49	16.73	14.60	18.10	11.75	14.58	13.48	16.71
2021	11.82	14.20	12.59	15.11	22.48	26.98	12.84	15.42
2022	15.68	17.44	14.37	15.99	17.79	19.80	15.23	16.95
2023	17.09	18.10	16.42	17.38	16.85	17.84	16.81	17.80
2024	17.30	17.76	15.35	15.76	15.92	16.35	16.35	16.79
2025E	17.34	17.34	15.47	15.47	15.30	15.30	16.29	16.29
<u>Forecast</u>								
2026	17.69	17.26	15.70	15.31	15.22	14.84	16.52	16.12
2031	19.44	16.83	17.05	14.76	16.74	14.49	18.06	15.64
2036	21.20	16.41	18.26	14.14	18.29	14.16	19.55	15.13
2041	23.00	16.01	19.47	13.55	19.88	13.84	21.03	14.64
2046	25.03	15.61	20.82	12.98	21.68	13.52	22.69	14.15
<u>Avg Annual Growth</u>								
2010-25	2.1%	-0.5%	1.0%	-1.6%	1.4%	-1.2%	1.6%	-1.0%
2025-26	2.0%	-0.5%	1.5%	-1.0%	-0.6%	-3.0%	1.4%	-1.0%
2026-36	1.8%	-0.5%	1.5%	-0.8%	1.9%	-0.5%	1.7%	-0.6%
2026-46	1.7%	-0.5%	1.4%	-0.8%	1.8%	-0.5%	1.6%	-0.6%

Source: Form 41, U.S. Department of Transportation.

**TABLE 18**

**U.S. MAINLINE AIR CARRIER FORECAST ASSUMPTIONS  
JET FUEL PRICES**

FISCAL YEAR	DOMESTIC		INTERNATIONAL		SYSTEM	
	CURRENT \$ (Cents)	FY 2024 \$ (Cents)	CURRENT \$ (Cents)	FY 2024 \$ (Cents)	CURRENT \$ (Cents)	FY 2024 \$ (Cents)
<u>Historical</u>						
2010	219.33	322.86	220.12	324.01	219.61	323.26
2019	204.64	257.47	207.73	261.36	205.75	258.88
2020	165.36	205.07	167.10	207.24	165.96	205.82
2021	176.27	211.63	171.80	206.26	174.78	209.84
2022	307.18	341.72	315.13	350.57	309.90	344.74
2023	294.20	311.46	290.68	307.73	292.93	310.12
2024	270.49	277.81	273.44	280.84	271.59	278.93
2025E	231.33	231.33	235.38	235.38	232.86	232.86
<u>Forecast</u>						
2026	196.36	190.97	199.80	194.32	197.67	192.24
2031	233.97	202.74	238.06	206.29	235.52	204.08
2036	297.63	228.98	302.84	232.99	299.61	230.50
2041	328.23	227.01	333.97	230.98	330.41	228.52
2046	355.66	220.45	361.89	224.31	358.03	221.92
<u>Avg Annual Growth</u>						
2010-25	0.4%	-2.2%	0.4%	-2.1%	0.4%	-2.2%
2025-26	-15.1%	-17.4%	-15.1%	-17.4%	-15.1%	-17.4%
2026-36	4.2%	1.8%	4.2%	1.8%	4.2%	1.8%
2026-46	3.0%	0.7%	3.0%	0.7%	3.0%	0.7%
Source: Form 41, U.S. Department of Transportation						

FAA Aerospace Forecast Fiscal Years 2026–2046

TABLE 19

**U.S. COMMERCIAL AIR CARRIERS**  
**AIR CARGO REVENUE TON MILES<sup>1, 2, 3</sup>**

FISCAL YEAR	ALL-CARGO CARRIER RTMS (Millions)			PASSENGER CARRIER RTMS (Millions)			TOTAL RTMS (Millions)		
	DOMESTIC	INT'L.	TOTAL	DOMESTIC	INT'L.	TOTAL	DOMESTIC	INT'L.	TOTAL
<u>Historical</u>									
2010	11,306	15,971	27,276	1,495	6,246	7,742	12,801	22,217	35,018
2019	14,737	19,668	34,405	1,468	6,984	8,452	16,205	26,652	42,857
2020	16,665	21,964	38,630	1,136	4,130	5,266	17,801	26,095	43,896
2021	18,555	26,580	45,135	1,318	4,836	6,154	19,873	31,416	51,289
2022	18,376	26,090	44,466	1,447	5,625	7,072	19,823	31,715	51,539
2023	16,358	24,184	40,542	1,219	5,522	6,741	17,578	29,706	47,284
2024	16,902	23,285	40,187	1,220	6,580	7,800	18,122	29,865	47,987
2025E	16,676	23,200	39,875	1,192	7,040	8,233	17,868	30,240	48,108
<u>Forecast</u>									
2026	17,253	24,593	41,846	1,222	7,359	8,581	18,475	31,952	50,427
2031	19,639	30,483	50,122	1,323	8,489	9,812	20,962	38,972	59,934
2036	22,064	36,430	58,494	1,411	9,412	10,824	23,475	45,843	69,318
2041	24,251	42,484	66,736	1,469	10,149	11,618	25,721	52,633	78,353
2046	26,354	49,053	75,406	1,508	10,791	12,299	27,862	59,843	87,705
<u>Avg Annual Growth</u>									
2010-25	2.6%	2.5%	2.6%	-1.5%	0.8%	0.4%	2.2%	2.1%	2.1%
2025-26	3.5%	6.0%	4.9%	2.5%	4.5%	4.2%	3.4%	5.7%	4.8%
2026-36	2.5%	4.0%	3.4%	1.5%	2.5%	2.3%	2.4%	3.7%	3.2%
2026-46	2.1%	3.5%	3.0%	1.1%	1.9%	1.8%	2.1%	3.2%	2.8%

Source: Form 41, U.S. Department of Transportation

<sup>1</sup>Includes freight/express and mail revenue ton miles on mainline air carriers and regionals/commuters.

<sup>2</sup>Domestic figures from 2000 through 2002 exclude Airborne Express, Inc.; international figures for 2003 and beyond include new reporting of contract service by U.S. carriers for foreign flag carriers.

<sup>3</sup>Domestic figures from 2003 and beyond include Airborne Express, Inc.

**TABLE 20**

**U.S. COMMERCIAL AIR CARRIERS**

**INTERNATIONAL AIR CARGO REVENUE TON MILES BY REGION<sup>1, 2</sup>**

FISCAL YEAR	ATLANTIC (MILLIONS)	LATIN AMERICA (MILLIONS)	PACIFIC (MILLIONS)	OTHER INTERNATIONAL (MILLIONS)	TOTAL (MILLIONS)
<u>Historical</u>					
2010	6,786	1,990	7,897	5,545	22,217
2019	7,426	1,661	10,429	7,135	26,652
2020	6,669	1,296	10,198	7,931	26,095
2021	7,603	1,608	11,555	10,650	31,416
2022	8,763	1,666	10,905	10,382	31,715
2023	8,352	1,418	12,015	7,921	29,706
2024	8,436	1,696	11,001	8,732	29,865
2025E	9,075	1,970	9,731	9,465	30,240
<u>Forecast</u>					
2026	9,363	1,995	10,560	10,033	31,952
2031	10,789	2,144	13,793	12,245	38,972
2036	12,274	2,339	16,449	14,781	45,843
2041	13,825	2,428	18,775	17,605	52,633
2046	15,432	2,497	21,078	20,836	59,843
<u>Avg Annual Growth</u>					
2010-25	2.0%	-0.1%	1.4%	3.6%	2.1%
2025-26	3.2%	1.3%	8.5%	6.0%	5.7%
2026-36	2.7%	1.6%	4.5%	4.0%	3.7%
2026-46	2.5%	1.1%	3.5%	3.7%	3.2%

Source: Form 41, U.S. Department of Transportation

<sup>1</sup>Includes freight/express and mail revenue ton miles on mainline air carriers and regionals/commuters.

<sup>2</sup>Figures for 2003 and beyond include new reporting of contract service by U.S. carriers for foreign flag carriers.

**TABLE 21**

**U.S. MAINLINE AIR CARRIERS  
PASSENGER JET AIRCRAFT**

CALENDAR YEAR	LARGE NARROWBODY				LARGE WIDEBODY				LARGE JETS	REGIONAL JETS	TOTAL JETS
	2 ENGINE	3 ENGINE	4 ENGINE	TOTAL	2 ENGINE	3 ENGINE	4 ENGINE	TOTAL			
<u>Historical</u>											
2010	3,120	8	1	3,129	470	9	43	522	3,651	71	3,722
2019	3,775	0	0	3,775	553	0	0	553	4,328	60	4,388
2020	2,860	0	0	2,860	298	0	0	298	3,158	23	3,181
2021	2,828	0	0	2,828	281	0	0	281	3,109	23	3,132
2022	3,429	0	0	3,429	426	0	0	426	3,855	60	3,915
2023	4,210	0	0	4,210	550	0	0	550	4,760	72	4,832
2024	4,240	0	0	4,240	540	0	0	540	4,780	49	4,829
2025E	4,079	0	0	4,079	523	0	0	523	4,602	24	4,626
<u>Forecast</u>											
2026	4,192	0	0	4,192	574	0	0	574	4,766	1	4,767
2031	4,331	0	0	4,331	664	0	0	664	4,995	0	4,995
2036	4,846	0	0	4,846	746	0	0	746	5,592	0	5,592
2041	5,323	0	0	5,323	841	0	0	841	6,164	0	6,164
2046	5,948	0	0	5,948	942	0	0	942	6,890	0	6,890
<u>Avg Annual Growth</u>											
2010-25	1.8%	N.A.	N.A.	1.8%	0.7%	N.A.	N.A.	0.0%	1.6%	-7.0%	1.5%
2025-26	2.8%	N.A.	N.A.	2.8%	9.8%	N.A.	N.A.	9.8%	3.6%	N.A.	3.0%
2026-36	1.5%	N.A.	N.A.	1.5%	2.7%	N.A.	N.A.	2.7%	1.6%	N.A.	1.6%
2026-46	1.8%	N.A.	N.A.	1.8%	2.5%	N.A.	N.A.	2.5%	1.9%	N.A.	1.9%
Note: N.A. - Not Applicable											

**TABLE 22**

**U.S. MAINLINE AIR CARRIERS**

**CARGO JET AIRCRAFT**

CALENDAR YEAR	LARGE NARROWBODY				LARGE WIDEBODY				TOTAL
	2 ENGINE	3 ENGINE	4 ENGINE	TOTAL	2 ENGINE	3 ENGINE	4 ENGINE	TOTAL	
<u>Historical</u>									
2010	153	104	31	288	265	200	97	562	850
2019	216	10	2	228	419	120	112	651	879
2020	200	10	0	210	414	115	109	638	848
2021	213	8	0	221	434	111	110	655	876
2022	219	7	0	226	469	118	122	709	935
2023	225	9	0	234	494	107	133	734	968
2024	182	2	0	184	488	65	124	677	861
2025E	189	2	0	191	519	57	127	703	894
<u>Forecast</u>									
2026	216	2	0	218	605	31	148	784	1,002
2031	257	0	0	257	791	9	155	955	1,212
2036	237	0	0	237	961	6	146	1,113	1,350
2041	198	0	0	198	1,105	3	134	1,242	1,440
2046	197	0	0	197	1,301	0	100	1,401	1,598
<u>Avg Annual Growth</u>									
2010-25	1.4%	-23.2%	N.A.	-2.7%	4.6%	-8.0%	1.8%	1.5%	0.3%
2025-26	14.3%	0.0%	N.A.	14.1%	16.6%	-45.6%	16.5%	11.5%	12.1%
2026-36	0.9%	N.A.	N.A.	0.8%	4.7%	-15.1%	-0.1%	3.6%	3.0%
2026-46	-0.5%	N.A.	N.A.	-0.5%	3.9%	-99.9%	-1.9%	2.9%	2.4%
Note: N.A. - Not Applicable									

**TABLE 23**  
**TOTAL JET FUEL AND AVIATION GASOLINE FUEL CONSUMPTION**  
**U.S. CIVIL AVIATION AIRCRAFT**  
(Millions of Gallons)

FISCAL YEAR	JET FUEL					AVIATION GASOLINE			TOTAL FUEL CONSUMED
	U.S. AIR CARRIERS <sup>1,2</sup>		GENERAL AVIATION	TOTAL	TOTAL	AIR CARRIER	GENERAL AVIATION	TOTAL	
	DOMESTIC	INT'L.							TOTAL
<u>Historical</u>									
2010	11,796	6,292	18,088	1,435	19,523	2	221	223	19,746
2019	14,648	7,043	21,691	1,510	23,202	2	200	202	23,404
2020	10,538	4,732	15,270	1,342	16,612	2	204	206	16,818
2021	11,587	4,824	16,410	1,909	18,320	2	229	231	18,550
2022	14,170	6,116	20,287	2,048	22,334	2	233	235	22,569
2023	14,490	6,934	21,423	1,776	23,200	2	256	258	23,457
2024	14,883	7,599	22,482	1,874	24,356	2	248	250	24,606
2025E	14,939	7,879	22,819	1,943	24,762	2	247	249	25,011
<u>Forecast</u>									
2026	15,066	8,039	23,106	1,999	25,105	2	244	246	25,351
2031	16,069	8,682	24,751	2,270	27,021	2	231	233	27,254
2036	17,603	9,443	27,046	2,539	29,585	2	230	232	29,816
2041	18,979	10,161	29,140	2,841	31,981	2	228	230	32,211
2046	20,302	10,904	31,205	3,159	34,364	2	231	233	34,597
<u>Avg Annual Growth</u>									
2010-25	1.6%	1.5%	1.6%	2.0%	1.6%	0.0%	0.8%	0.7%	1.6%
2025-26	0.8%	2.0%	1.3%	2.9%	1.4%	0.0%	-1.3%	-1.3%	1.4%
2026-36	1.6%	1.6%	1.6%	2.4%	1.7%	0.0%	-0.6%	-0.6%	1.6%
2026-46	1.5%	1.5%	1.5%	2.3%	1.6%	0.0%	-0.3%	-0.3%	1.6%

Source: Air carrier jet fuel, Form 41, U.S. Department of Transportation; all others, FAA APO estimates.

<sup>1</sup>Includes both passenger (mainline and regional air carrier) and cargo carriers.

<sup>2</sup>Forecast assumes 1.0% annual improvement in available seat miles per gallon for U.S. Commercial Air Carrier

**TABLE 24**

**U.S. REGIONAL CARRIER FORECAST ASSUMPTIONS**

FISCAL YEAR	AVERAGE SEATS PER AIRCRAFT MILE			AVERAGE PASSENGER TRIP LENGTH			REVENUE PER PASSENGER MILE**	
	DOMESTIC (Seats/Mile)	INT'L (Seats/Mile)	TOTAL (Seats/Mile)	DOMESTIC (Miles)	INT'L. (Miles)	TOTAL (Miles)	CURRENT \$ (Cents)	2025 \$ (Cents)
<u>Historical</u>								
2010	56.1	53.2	56.0	464	503	465	15.74	23.16
2019	64.1	70.9	64.3	492	670	496	11.47	14.44
2020	64.6	70.7	64.8	494	675	497	10.96	13.60
2021	65.9	72.9	66.1	508	662	511	9.62	11.56
2022	66.2	72.5	66.4	488	640	490	12.77	14.20
2023	66.8	73.4	67.0	457	630	461	13.62	14.42
2024	67.5	72.2	67.6	457	652	461	12.99	13.35
2025E	67.3	73.2	67.5	463	700	467	13.22	13.22
<u>Forecast</u>								
2026	67.8	73.5	68.0	465	705	470	13.35	12.98
2031	70.4	75.0	70.5	476	721	481	14.69	12.73
2036	73.0	76.5	73.1	486	735	490	16.20	12.46
2041	75.7	78.0	75.8	495	750	500	17.46	12.08
2046	78.5	79.5	78.6	505	765	510	18.87	11.70
<u>Avg Annual Growth</u>								
2010-25	1.2%	2.1%	1.2%	0.0%	2.2%	0.0%	-1.2%	-3.7%
2025-26	0.7%	0.4%	0.7%	0.6%	0.6%	0.6%	1.0%	-1.8%
2026-36	0.7%	0.4%	0.7%	0.4%	0.4%	0.4%	2.0%	-0.4%
2026-46	0.7%	0.4%	0.7%	0.4%	0.4%	0.4%	1.7%	-0.5%

Source: Form 41 and 298C, U.S. Department of Transportation.

\*\* Reporting carriers.

**TABLE 25**  
**U.S. REGIONAL CARRIERS**  
**SCHEDULED PASSENGER TRAFFIC**  
(In Millions)

FISCAL YEAR	REVENUE PASSENGERS			REVENUE PASSENGER MILES		
	DOMESTIC	INTERNATIONAL	TOTAL	DOMESTIC	INTERNATIONAL	TOTAL
<u>Historical</u>						
2010	162	3	164	75,030	1,347	76,377
2019	159	4	163	78,362	2,376	80,739
2020	94	2	96	46,669	1,229	47,898
2021	106	2	108	53,702	1,221	54,924
2022	127	2	129	61,844	1,335	63,179
2023	115	2	118	52,794	1,348	54,142
2024	127	2	130	58,312	1,532	59,844
2025E	140	3	143	64,739	1,834	66,573
<u>Forecast</u>						
2026	147	3	149	68,276	1,934	70,211
2031	166	3	169	78,966	2,237	81,203
2036	189	4	193	92,000	2,606	94,607
2041	212	4	216	105,087	2,977	108,064
2046	236	4	240	118,999	3,371	122,371
<u>Avg Annual Growth</u>						
2010-25	-1.0%	-0.1%	-0.9%	-1.0%	2.1%	-0.9%
2025-26	4.8%	4.8%	4.8%	5.5%	5.5%	5.5%
2026-36	2.6%	2.6%	2.6%	3.0%	3.0%	3.0%
2026-46	2.4%	2.4%	2.4%	2.8%	2.8%	2.8%

Source: Form 41 and 298C, U.S. Department of Transportation.

**TABLE 26**

**U.S. REGIONAL CARRIERS**

**SCHEDULED PASSENGER CAPACITY, TRAFFIC, AND LOAD FACTORS**

YEAR	DOMESTIC			INTERNATIONAL			TOTAL		
	ASMs (MIL)	RPMs (MIL)	% LOAD FACTOR	ASMs (MIL)	RPMs (MIL)	% LOAD FACTOR	ASMs (MIL)	RPMs (MIL)	% LOAD FACTOR
<u>Historical</u>									
2010	98,461	75,030	76.2	1,857	1,347	72.5	100,318	76,377	76.1
2019	98,128	78,362	79.9	3,116	2,376	76.3	101,244	80,739	79.7
2020	70,866	46,669	65.9	1,812	1,229	67.9	72,678	47,898	65.9
2021	75,970	53,702	70.7	1,836	1,221	66.5	77,806	54,924	70.6
2022	77,923	61,844	79.4	1,833	1,335	72.8	79,756	63,179	79.2
2023	65,433	52,794	80.7	1,685	1,348	80.0	67,119	54,142	80.7
2024	71,388	58,312	81.7	1,943	1,532	78.8	73,331	59,844	81.6
2025E	80,089	64,739	80.8	2,389	1,834	76.8	82,478	66,573	80.7
<u>Forecast</u>									
2026	84,348	68,276	80.9	2,516	1,934	76.9	86,864	70,211	80.8
2031	95,684	78,966	82.5	2,854	2,237	78.4	98,538	81,203	82.4
2036	110,671	92,000	83.1	3,301	2,606	79.0	113,971	94,607	83.0
2041	126,098	105,087	83.3	3,761	2,977	79.2	129,859	108,064	83.2
2046	142,619	118,999	83.4	4,254	3,371	79.3	146,872	122,371	83.3
<u>Avg Annual Growth</u>									
2010-25	-1.4%	-1.0%		1.7%	2.1%		-1.3%	-0.9%	
2025-26	5.3%	5.5%		5.3%	5.5%		5.3%	5.5%	
2026-36	2.8%	3.0%		2.8%	3.0%		2.8%	3.0%	
2026-46	2.7%	2.8%		2.7%	2.8%		2.7%	2.8%	

Source: Form 41 and 298C, U.S. Department of Transportation.

**TABLE 27**

**U.S. REGIONAL CARRIERS  
PASSENGER AIRCRAFT**

AS OF JANUARY 1	31 TO 40 SEATS			OVER 40 SEATS			TOTAL FLEET		
	PROP	JET	TOTAL	PROP	JET	TOTAL	NON JET	JET	TOTAL
<u>Historical</u>									
2010	144	28	172	99	1,728	1,827	243	1,756	1,999
2019	11	0	11	39	1,846	1,885	50	1,846	1,896
2020	11	0	11	40	1,434	1,474	51	1,434	1,485
2021	10	0	10	38	1,406	1,444	48	1,406	1,454
2022	3	3	6	49	1,623	1,672	52	1,626	1,678
2023	3	1	4	24	1,435	1,459	27	1,436	1,463
2024	3	1	4	21	1,369	1,390	24	1,370	1,394
2025E	3	1	4	19	1,406	1,425	22	1,407	1,429
<u>Forecast</u>									
2026	0	5	5	7	1,501	1,508	7	1,506	1,513
2031	0	5	5	7	1,497	1,504	7	1,502	1,509
2036	0	5	5	7	1,698	1,705	7	1,703	1,710
2041	0	5	5	7	1,930	1,937	7	1,935	1,942
2046	0	5	5	7	2,177	2,184	7	2,182	2,189
<u>Avg Annual Growth</u>									
2010-25	-22.7%	-19.9%	-22.2%	-10.4%	-1.4%	-1.6%	-14.8%	-1.5%	-2.2%
2025-26	N.A.	N.A.	25.0%	-63.2%	6.8%	5.8%	-68.2%	7.0%	5.9%
2026-36	N.A.	N.A.	N.A.	0.0%	1.2%	1.2%	0.0%	1.2%	1.2%
2026-46	N.A.	N.A.	N.A.	0.0%	1.9%	1.9%	0.0%	1.9%	1.9%
Note: N.A. - Not Applicable									

FAA Aerospace Forecast Fiscal Years 2026–2046

TABLE 28

ACTIVE GENERAL AVIATION AND AIR TAXI AIRCRAFT

AS OF DEC. 31	FIXED WING						ROTORCRAFT						TOTAL		
	PISTON		TOTAL	TURBINE		TOTAL	ROTORCRAFT			EXPERI- MENTAL**	LIGHT SPORT AIRCRAFT**	OTHER	GENERAL AVIATION FLEET	TOTAL PISTONS	TOTAL TURBINES
	SINGLE ENGINE	MULTI- ENGINE		TURBO PROP	TURBO JET		PISTON	TURBINE	TOTAL						
<b>Historical*</b>															
2010	139,519	15,900	155,419	9,369	11,484	20,853	3,588	6,514	10,102	24,784	6,528	5,684	223,370	159,007	27,367
2019	128,926	12,470	141,396	10,242	14,888	25,130	3,089	7,109	10,198	27,449	2,675	4,133	210,981	144,485	32,239
2020	124,059	11,947	136,006	10,317	15,316	25,633	2,930	6,816	9,746	26,367	2,570	3,818	204,140	138,936	32,449
2021	126,735	11,885	138,620	10,391	15,270	25,661	3,012	7,020	10,032	27,960	2,650	4,271	209,194	141,632	32,681
2022	126,076	11,652	137,728	10,713	16,126	26,839	2,748	7,021	9,769	28,062	2,666	4,476	209,540	140,476	33,860
2023	127,573	11,727	139,300	10,951	16,537	27,488	2,909	7,142	10,051	30,114	3,007	4,262	214,222	142,209	34,630
2024	127,344	11,616	138,960	11,924	16,835	28,759	2,998	7,574	10,573	27,848	3,088	4,529	213,756	141,959	36,333
2025E	126,915	11,545	138,460	11,985	17,385	29,370	3,005	7,705	10,710	28,825	3,190	4,675	215,230	141,465	37,075
<b>Forecast</b>															
2026	126,535	11,480	138,015	12,040	17,970	30,010	3,015	7,810	10,825	29,635	3,285	4,755	216,525	141,030	37,820
2031	125,180	11,205	136,385	12,420	21,100	33,520	3,115	8,480	11,595	31,200	3,795	4,915	221,410	139,500	42,000
2036	124,500	11,035	135,535	12,880	24,585	37,465	3,230	9,330	12,560	32,265	4,375	5,000	227,200	138,765	46,795
2041	124,540	10,965	135,505	13,555	28,250	41,805	3,330	10,275	13,605	33,255	5,025	5,050	234,245	138,835	52,080
2046	125,385	11,035	136,420	14,355	32,090	46,445	3,430	11,235	14,665	34,295	5,760	5,105	242,690	139,850	57,680
<b>Avg Annual Growth</b>															
2010-25	-0.6%	-2.1%	-0.8%	1.7%	2.8%	2.3%	-1.2%	1.1%	0.4%	1.0%	-4.7%	-1.3%	-0.2%	-0.8%	2.0%
2025-26	-0.3%	-0.6%	-0.3%	0.5%	3.4%	2.2%	0.3%	1.4%	1.1%	2.8%	3.0%	1.7%	0.6%	-0.3%	2.0%
2026-36	-0.2%	-0.4%	-0.2%	0.7%	3.2%	2.2%	0.7%	1.8%	1.5%	0.9%	2.9%	0.5%	0.5%	-0.2%	2.2%
2026-46	0.0%	-0.2%	-0.1%	0.9%	2.9%	2.2%	0.6%	1.8%	1.5%	0.7%	2.8%	0.4%	0.6%	0.0%	2.1%

\* Source: 2001-2010, 2012-2024, FAA General Aviation and Air Taxi Activity (and Avionics) Surveys.

\*\*Experimental Light-sport category that was previously shown under Sport Aircraft is moved under Experimental Aircraft category, starting in 2012.

Note: An active aircraft is one that has a current registration and was flown at least one hour during the calendar year.

FAA Aerospace Forecast Fiscal Years 2026–2046

**TABLE 29**  
**ACTIVE GENERAL AVIATION AND AIR TAXI HOURS FLOWN**  
(In Thousands)

AS OF DEC. 31	FIXED WING						ROTORCRAFT						TOTAL		
	PISTON		TOTAL	TURBINE		TOTAL	PISTON	TURBINE	TOTAL	EXPERI- MENTAL**	LIGHT SPORT AIRCRAFT**	OTHER	GENERAL AVIATION HOURS	TOTAL PISTONS	TOTAL TURBINES
	SINGLE ENGINE	MULTI- ENGINE		TURBO PROP	TURBO JET										
<b>Historical*</b>															
2010	12,161	1,818	13,979	2,325	3,375	5,700	794	2,611	3,405	1,226	311	181	24,802	14,773	8,311
2019	12,700	1,731	14,431	2,619	3,926	6,546	628	2,369	2,997	1,269	189	135	25,566	15,059	8,914
2020	11,603	1,336	12,939	2,344	3,336	5,681	537	1,871	2,408	1,176	202	86	22,492	13,477	7,552
2021	12,808	1,494	14,302	2,720	4,868	7,587	578	2,178	2,756	1,394	245	156	26,441	14,880	9,765
2022	12,999	1,432	14,431	2,846	5,238	8,084	537	2,238	2,775	1,279	231	153	26,953	14,969	10,322
2023	14,613	1,492	16,105	2,841	4,628	7,469	668	2,239	2,907	1,594	355	132	28,563	16,773	9,708
2024	14,628	1,532	16,160	2,833	5,218	8,052	685	2,204	2,890	1,310	438	156	29,005	16,846	10,256
2025E	14,518	1,529	16,047	3,039	5,441	8,481	689	2,254	2,943	1,372	434	166	29,443	16,736	10,734
<b>Forecast</b>															
2026	14,171	1,519	15,691	3,136	5,653	8,789	693	2,300	2,994	1,426	432	174	29,505	16,384	11,090
2031	12,955	1,504	14,459	3,399	6,675	10,074	724	2,591	3,316	1,581	457	188	30,075	15,183	12,665
2036	12,880	1,511	14,391	3,562	7,754	11,316	756	2,906	3,661	1,659	510	193	31,731	15,147	14,221
2041	13,050	1,532	14,581	3,761	8,970	12,730	783	3,245	4,028	1,736	571	195	33,842	15,364	15,976
2046	13,411	1,573	14,984	3,978	10,390	14,369	810	3,579	4,389	1,813	643	198	36,395	15,794	17,947
<b>Avg Annual Growth</b>															
2010-25	1.2%	-1.1%	0.9%	1.8%	3.2%	2.7%	-0.9%	-1.0%	-1.0%	0.7%	2.3%	-0.6%	1.2%	0.8%	1.7%
2025-26	-2.4%	-0.6%	-2.2%	3.2%	3.9%	3.6%	0.6%	2.1%	1.7%	3.9%	-0.5%	4.5%	0.2%	-2.1%	3.3%
2026-36	-1.0%	-0.1%	-0.9%	1.3%	3.2%	2.6%	0.9%	2.4%	2.0%	1.5%	1.7%	1.1%	0.7%	-0.8%	2.5%
2026-46	-0.3%	0.2%	-0.2%	1.2%	3.1%	2.5%	0.8%	2.2%	1.9%	1.2%	2.0%	0.7%	1.1%	-0.2%	2.4%

\* Source: 2001-2010, 2012-2024, FAA General Aviation and Air Taxi Activity (and Avionics) Surveys.

\*\*Experimental Light-sport category that was previously shown under Sport Aircraft is moved under Experimental Aircraft category, starting in 2012.

Note: An active aircraft is one that has a current registration and was flown at least one hour during the calendar year.

FAA Aerospace Forecast Fiscal Years 2026–2046

TABLE 30

ACTIVE PILOTS BY TYPE OF CERTIFICATE, EXCLUDING STUDENT PILOTS\*

AS OF DEC. 31	RECREA- TIONAL	SPORT PILOT	PRIVATE	COMMERCIAL	AIRLINE TRANSPORT	ROTOR- CRAFT ONLY	GLIDER ONLY	TOTAL LESS STUDENT PILOTS	INSTRUMENT RATED PILOTS <sup>1</sup>	GA PILOTS (EXCLUDING STUDENTS & ATPs)
<u>Historical**</u>										
2010	212	3,682	202,020	123,705	142,198	15,377	21,275	508,469	318,001	366,271
2019	127	6,467	161,105	100,863	164,947	14,248	19,143	466,900	314,168	301,953
2020	105	6,643	160,860	103,879	164,193	13,629	19,753	469,062	316,651	304,869
2021	85	6,801	161,459	104,610	163,934	13,191	20,328	470,408	317,169	306,474
2022	79	6,957	164,090	104,498	166,738	13,180	20,804	476,346	321,217	309,608
2023	71	7,144	167,711	106,711	174,113	13,428	21,292	490,470	332,313	316,357
2024	59	7,309	172,012	109,727	179,194	13,429	21,545	503,275	342,400	324,081
2025	54	7,450	174,155	118,314	181,742	13,630	21,888	517,233	355,473	335,491
<u>Forecast</u>										
2026	49	7,775	176,400	119,600	184,000	13,850	22,150	523,824	359,050	339,824
2031	35	8,865	176,350	122,600	190,500	14,850	23,200	536,400	368,700	345,900
2036	15	10,080	173,700	123,400	198,200	16,100	23,600	545,095	380,050	346,895
2041	2	11,335	173,400	126,100	206,800	17,050	23,850	558,537	393,550	351,737
2046	0	12,485	175,350	130,300	216,300	17,700	23,900	576,035	408,650	359,735
<u>Avg Annual Growth</u>										
2010-25	-8.7%	4.8%	-1.0%	-0.3%	1.6%	-0.8%	0.2%	0.1%	0.7%	-0.6%
2025-26	-9.3%	4.4%	1.3%	1.1%	1.2%	1.6%	1.2%	1.3%	1.0%	1.3%
2026-36	-11.2%	2.6%	-0.2%	0.3%	0.7%	1.5%	0.6%	0.4%	0.6%	0.2%
2026-46	-99.9%	2.4%	0.0%	0.4%	0.8%	1.2%	0.4%	0.5%	0.6%	0.3%

\*\* Source: FAA U.S. Civil Airmen Statistics.

\*Starting with April 2016, there is no expiration date on the new student pilot certificates. This generates a cumulative increase in the student pilot numbers and breaks the link between student pilot and private pilot or higher level certificates. Since there is no sufficient data yet to forecast the student certificates under the new rule, student pilot forecast is suspended and excluded from this table.

<sup>1</sup>Instrument rated pilots should not be added to other categories in deriving total.

Note: An active pilot is a person with a pilot certificate and a valid medical certificate.

**TABLE 31**  
**GENERAL AVIATION AIRCRAFT FUEL CONSUMPTION**  
(In Millions of Gallons)

CALENDAR YEAR	FIXED WING				ROTORCRAFT		EXPERI-MENTAL**		TOTAL FUEL CONSUMED		
	PISTON		TURBINE		PISTON	TURBINE	/ OTHER	LIGHT SPORT**	AVGAS	JET FUEL	TOTAL
	SINGLE ENGINE	MULTI-ENGINE	TURBO PROP	TURBO JET							
<u>Historical*</u>											
2010	133	54	187	1,123	11	125	22	1	221	1,435	1,656
2019	131	45	213	1,170	8	127	16	1	200	1,510	1,711
2020	146	35	201	1,036	8	105	14	1	204	1,342	1,546
2021	155	47	230	1,557	8	123	18	1	229	1,909	2,138
2022	158	45	242	1,683	8	123	21	1	233	2,048	2,281
2023	175	46	237	1,420	9	118	24	2	256	1,776	2,032
2024	164	44	227	1,530	10	117	28	2	248	1,874	2,122
2025E	163	44	242	1,582	10	119	29	2	247	1,943	2,190
<u>Forecast</u>											
2026	159	43	249	1,629	10	122	30	2	244	1,999	2,243
2031	144	42	264	1,871	10	136	32	2	231	2,270	2,501
2036	142	42	270	2,118	11	151	32	2	230	2,539	2,768
2041	142	42	279	2,398	11	164	31	3	228	2,841	3,069
2046	145	43	290	2,700	11	168	29	3	231	3,159	3,389
<u>Avg Annual Growth</u>											
2010-25	1.3%	-1.4%	1.7%	2.3%	-0.7%	-0.3%	2.1%	2.1%	0.8%	2.0%	1.9%
2025-26	-2.5%	-1.1%	2.7%	3.0%	0.6%	1.8%	4.0%	-0.7%	-1.3%	2.9%	2.4%
2026-36	-1.1%	-0.2%	0.8%	2.7%	0.8%	2.2%	0.6%	1.4%	-0.6%	2.4%	2.1%
2026-46	-0.5%	0.0%	0.8%	2.6%	0.7%	1.6%	-0.3%	1.8%	-0.3%	2.3%	2.1%

\*Source: FAA APO Estimates.

\*\*Experimental Light-sport category that was previously shown under Sport Aircraft is moved under Experimental Aircraft category, starting in 2012.

Note: Detail may not add to total because of independent rounding.

FAA Aerospace Forecast Fiscal Years 2026–2046

**TABLE 32**  
**TOTAL COMBINED AIRCRAFT OPERATIONS AT AIRPORTS**  
**WITH FAA AND CONTRACT TRAFFIC CONTROL SERVICE**  
(In Thousands)

FISCAL YEAR	GENERAL AVIATION					MILITARY			TOTAL	NUMBER OF TOWERS	
	AIR CARRIER	AIR TAXI/ COMMUTER	ITINERANT	LOCAL	TOTAL	ITINERANT	LOCAL	TOTAL		FAA	CONTRACT
<u>Historical</u>											
2010	12,656	9,401	14,837	11,694	26,530	1,304	1,294	2,598	51,185	264	246
2019	16,100	7,212	14,139	12,998	27,138	1,348	1,134	2,482	52,933	264	256
2020	11,736	5,471	12,608	12,332	24,940	1,192	1,020	2,212	44,361	264	256
2021	12,214	5,882	13,759	13,441	27,200	1,287	1,074	2,362	47,659	264	258
2022	15,149	6,522	14,636	14,030	28,667	1,268	986	2,254	52,593	264	260
2023	16,157	6,456	14,591	15,281	29,872	1,194	866	2,060	54,547	264	262
2024	17,054	6,767	15,011	16,157	31,169	1,145	722	1,867	56,858	264	263
2025E	17,425	6,992	15,044	16,188	31,233	1,083	680	1,763	57,414	264	265
<u>Forecast</u>											
2026	17,744	7,036	15,396	16,694	32,090	1,083	680	1,763	58,635	264	265
2031	20,046	6,782	16,194	17,366	33,560	1,083	680	1,763	62,152	264	265
2036	21,917	7,134	16,496	17,721	34,218	1,083	680	1,763	65,035	264	265
2041	23,949	7,483	16,808	18,088	34,897	1,083	680	1,763	68,094	264	265
2046	26,120	7,831	17,128	18,467	35,596	1,083	680	1,763	71,312	264	265
<u>Avg Annual Growth</u>											
2010-25	2.2%	-2.0%	0.1%	2.2%	1.1%	-1.2%	-4.2%	-2.6%	0.8%		
2025-26	1.8%	0.6%	2.3%	3.1%	2.7%	0.0%	0.0%	0.0%	2.1%		
2026-36	2.1%	0.1%	0.7%	0.6%	0.6%	0.0%	0.0%	0.0%	1.0%		
2026-46	2.0%	0.5%	0.5%	0.5%	0.5%	0.0%	0.0%	0.0%	1.0%		

Source: FAA Air Traffic Activity.

**TABLE 33**

**TOTAL TRACON OPERATIONS**  
(In Thousands)

FISCAL YEAR	AIR CARRIER	AIR TAXI/ COMMUTER	GENERAL AVIATION	MILITARY	OVERFLIGHT	TOTAL
<u>Historical</u>						
2010	12,572	8,649	10,810	2,052	4,844	38,928
2019	16,021	6,608	10,978	1,946	3,721	39,276
2020	11,617	5,153	9,691	1,763	3,049	31,274
2021	12,044	5,462	10,741	1,894	3,392	33,536
2022	14,966	5,924	11,375	1,825	3,601	37,694
2023	15,956	5,823	11,000	1,698	3,508	37,988
2024	16,840	6,053	11,132	1,630	3,598	39,255
2025E	17,212	6,243	11,177	1,565	3,875	40,073
<u>Forecast</u>						
2026	17,523	6,325	11,443	1,565	3,945	40,803
2031	19,790	5,871	12,084	1,565	4,207	43,519
2036	21,634	6,175	12,283	1,565	4,458	46,117
2041	23,638	6,486	12,487	1,565	4,727	48,904
2046	25,777	6,802	12,697	1,565	5,012	51,855
<u>Avg Annual Growth</u>						
2010-25	2.1%	-2.1%	0.2%	-1.8%	-1.5%	0.2%
2025-26	1.8%	1.3%	2.4%	0.0%	1.8%	1.8%
2026-36	2.1%	-0.2%	0.7%	0.0%	1.2%	1.2%
2026-46	1.9%	0.4%	0.5%	0.0%	1.2%	1.2%

Source: FAA Air Traffic Activity.

**TABLE 34**  
**IFR AIRCRAFT HANDLED**  
**AT FAA EN ROUTE TRAFFIC CONTROL CENTERS**  
(In Thousands)

FISCAL YEAR	IFR AIRCRAFT HANDLED			
	COMMERCIAL	GENERAL AVIATION	MILITARY	TOTAL
<u>Historical</u>				
2010	30,965	6,550	2,982	40,498
2019	35,783	6,309	1,645	43,737
2020	25,608	5,096	1,404	32,108
2021	26,449	6,124	1,525	34,098
2022	32,891	7,034	1,511	41,437
2023	34,436	6,461	1,416	42,313
2024	36,209	6,284	1,385	43,878
2025E	36,868	6,427	1,385	44,681
<u>Forecast</u>				
2026	38,032	6,558	1,385	45,975
2031	42,192	6,870	1,385	50,447
2036	46,071	7,078	1,385	54,534
2041	50,212	7,297	1,385	58,894
2046	53,810	7,480	1,385	62,676
<u>Avg Annual Growth</u>				
2010-25	1.2%	-0.1%	-5.0%	0.7%
2025-26	3.2%	2.0%	0.0%	2.9%
2026-36	1.9%	0.8%	0.0%	1.7%
2026-46	1.8%	0.7%	0.0%	1.6%
Source: FAA Air Traffic Activity				