

4.3 1999 GENERAL AVIATION AND AIR TAXI TOTAL HOURS FLOWN UNDER IMC CONDITIONS BY DAY/NIGHT  
 BY AIRCRAFT TYPE INCLUDES AIR TAXI AIRCRAFT EXCLUDES COMMUTER AIRCRAFT

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AIRCRAFT TYPE	IMC DAY		IMC NIGHT		IMC TOTAL	
	Hours Flown	Percent Standard Error	Hours Flown	Percent Standard Error	Hours Flown	Percent Standard Error
Fixed Wing						
Fixed Wing - Piston						
1 Eng: 1-3 Seats	333,214	13.3	63,481	15.8	396,695	13.0
1 Eng: 4+ Seats	1,297,722	6.2	279,361	9.7	1,577,083	6.1
1 Engine: Total	1,630,936	5.3	342,842	7.7	1,973,778	5.2
2 Eng: 1-6 Seats	147,799	21.6	40,692	18.9	188,491	19.7
2 Eng: 7+ Seats	101,646	19.8	49,793	15.9	151,439	16.2
2 Engine: Total	249,445	15.0	90,485	13.0	339,930	13.1
Piston: Other	1,429	56.6	823	76.8	2,252	58.8
Piston: Total	1,881,810	5.1	434,150	6.9	2,315,960	5.0

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AIRCRAFT TYPE	IMC DAY		IMC NIGHT		IMC TOTAL	
	Hours Flown	Percent Standard Error	Hours Flown	Percent Standard Error	Hours Flown	Percent Standard Error
Fixed Wing - Turboprop						
1 Engine: Total	5,878	35.3	3,324	43.1	9,202	35.8
2 Eng: 1-12 Seats	10,099	18.0	7,750	25.4	17,849	20.2
2 Eng: 13+ Seats	14,205	17.8	14,771	18.8	28,977	17.7
2 Engine: Total	24,304	15.0	22,521	17.7	46,825	15.8
Turboprop: Other	445	140.9	47	70.6	493	122.8
Turboprop: Total	30,628	14.0	25,891	16.2	56,520	14.3
Fixed Wing - Turbojet						
2 Engine Turbojet	29,571	51.3	5,418	47.9	34,989	48.4
Turbojet: Other	4,257	46.2	2,085	45.9	6,343	46.1
Turbojet: Total	33,828	43.0	7,503	36.8	41,331	39.8
Fixed Wing: Total	1,946,266	4.9	467,545	6.4	2,413,811	4.7

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	Hours Flown	Percent Standard Error	Hours Flown	Percent Standard Error	Hours Flown	Percent Standard Error
Rotorcraft						
Piston	8,601	24.9	8,659	42.7	17,260	27.7
1 Eng: Turbine	184,946	10.2	34,941	23.7	219,886	10.2
Multi-Eng: Turbine	99,763	13.4	24,281	15.0	124,044	12.8
Turbine: Total	284,709	8.5	59,221	15.4	343,930	8.4
Rotocraft: Total	293,309	9.6	67,881	15.8	361,190	9.3
Other Aircraft						
Gliders	379	28.9	600	28.9	979	28.9
Lighter-than-air	1,396	11.8	2,194	12.1	3,589	11.6
Other aircraft: Total	1,775	11.2	2,793	11.4	4,568	11.1

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PAGE 4 OF 4	IMC DAY		IMC NIGHT		IMC TOTAL	
AIRCRAFT TYPE	Hours Flown	Percent Standard Error	Hours Flown	Percent Standard Error	Hours Flown	Percent Standard Error
Experimental						
Amateur:	26,923	10.8	9,769	13.5	36,691	10.5
Exhibition:	4,470	17.3	457	38.6	4,926	18.2
Other:	18,888	24.1	7,105	39.5	25,993	25.8
Experimental: Total	50,281	14.0	17,330	23.5	67,611	15.0
Total All Aircraft	2,291,631	4.2	555,549	5.7	2,847,181	4.0

Note: Row and column summations may differ from printed totals due to estimation procedures.

\* Percent Standard Error of 100% or greater.