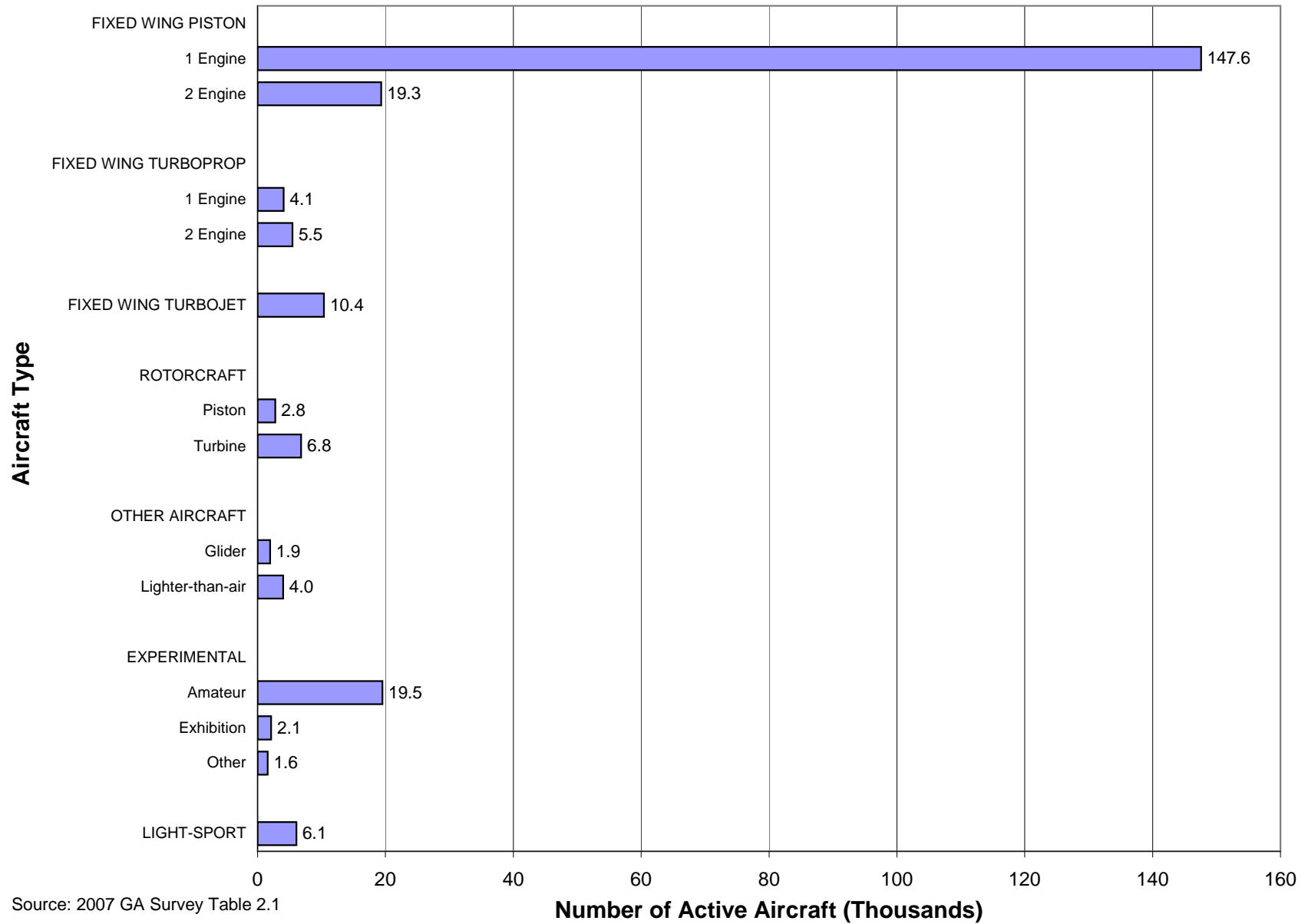
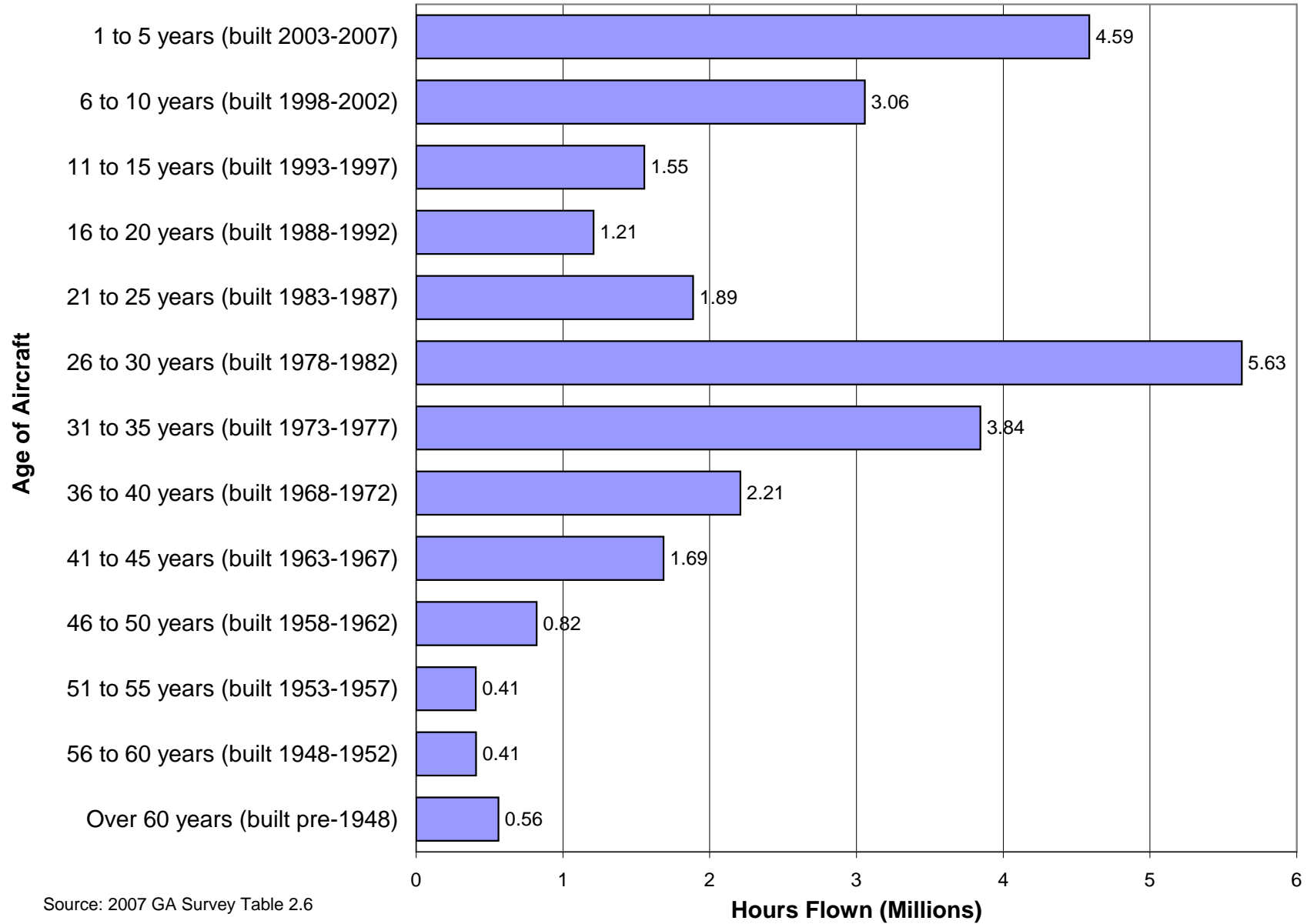


**Chart 4**  
**2007 Active Aircraft by Aircraft Type**



Source: 2007 GA Survey Table 2.1

**Chart 5**  
**2007 Hours Flown by Age of Aircraft**



Source: 2007 GA Survey Table 2.6

Table 2.1

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,  
TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS* BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error
Fixed Wing									
Fixed Wing - Piston									
1 Eng: 1-3 Seats	57,676	36,366	3.8	63.1	3.8	2,756,087	5.1	75.8	3.2
1 Eng: 4+ Seats	131,808	111,203	2.0	84.4	2.0	10,815,321	2.2	97.3	1.8
1 Engine: Total	189,484	147,569	2.5	77.9	2.5	13,571,408	2.1	92.0	1.6
2 Eng: 1-6 Seats	17,107	14,342	1.9	83.8	1.9	1,744,749	5.5	121.7	4.6
2 Eng: 7+ Seats	5,619	4,996	0.9	88.9	0.9	941,322	3.9	188.4	3.4
2 Engine: Total	22,727	19,337	1.5	85.1	1.5	2,686,071	3.6	138.9	3.1
Piston: Total	212,211	166,907	2.4	78.7	2.4	16,257,479	1.8	97.4	1.4

Table 2.1

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT, TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS* BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error
Fixed Wing - Turboprop									
1 Engine: Total	4,275	4,059	0.2	94.9	0.2	1,117,958	1.3	275.4	1.2
2 Eng: 1-12 Seats	4,835	4,567	0.3	94.5	0.3	1,214,624	1.9	266.0	1.8
2 Eng: 13+ Seats	1,042	889	0.5	85.3	0.5	328,892	5.7	370.0	4.8
2 Engine: Total	5,878	5,456	0.3	92.8	0.3	1,543,516	1.9	282.9	1.8
Turboprop: Total	10,153	9,514	0.3	93.7	0.3	2,661,474	1.2	279.7	1.1
Fixed Wing - Turbojet									
Turbojet: Total	11,189	10,385	0.3	92.8	0.3	3,938,215	0.8	379.2	0.7
Fixed Wing: Total	233,553	186,806	1.6	80.0	1.6	22,857,168	1.3	122.4	1.0

Table 2.1

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,  
TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS* BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error
Rotorcraft									
Piston	4,265	2,769	1.1	64.9	1.1	704,382	4.2	254.4	2.7
1 Eng: Turbine	6,455	5,431	0.6	84.1	0.6	1,990,913	1.8	366.6	1.5
Multi-Eng: Turbine	1,482	1,367	0.3	92.2	0.3	550,163	2.6	402.4	2.4
Turbine: Total	7,936	6,798	0.5	85.7	0.5	2,541,076	1.5	373.8	1.3
Rotorcraft: Total	12,201	9,567	0.7	78.4	0.7	3,245,458	1.5	339.2	1.2
Other Aircraft									
Gliders	3,156	1,947	1.1	61.7	1.1	107,597	5.1	55.3	3.1
Lighter-than-air	6,960	3,993	2.0	57.4	2.0	107,372	7.6	26.9	4.4
Other Aircraft: Total	10,115	5,940	1.6	58.7	1.6	214,969	4.9	36.2	2.9

Table 2.1

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,  
TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS* BY AIRCRAFT TYPE**

AIRCRAFT TYPE	Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error
Experimental									
Amateur	35,575	19,538	2.1	54.9	2.1	896,485	2.7	45.9	1.5
Exhibition	3,057	2,101	1.1	68.7	1.1	101,566	4.9	48.3	3.4
Other	2,216	1,589	0.7	71.7	0.7	276,574	4.6	174.1	3.3
Experimental: Total	40,848	23,228	1.8	56.9	1.8	1,274,625	3.0	54.9	1.7
Light-sport	8,391	6,066	0.5	72.3	0.5	259,763	1.9	42.8	1.4
Total All Aircraft	305,108	231,607	1.5	75.9	1.5	27,851,982	1.0	120.3	0.7

## Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Table cells that are populated by a small number of aircraft may display relatively high standard errors for the corresponding estimates.

Estimates in these types of categories also may vary noticeably from year to year and should be interpreted with caution.

Columns may not add to totals due to rounding procedures.

Beginning in 2005, light-sport was added as an aircraft type.

Estimated number of light-sport aircraft has increased significantly in 2007 due to mandatory regulation process changes.

Table 2.2

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,*  
*TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS* BY REGION AIRCRAFT PRIMARILY FLOWN**

REGION	Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error
Alaskan	8,874	6,111	0.8	68.9	0.8	782,743	2.8	128.1	1.9
Central	17,523	12,769	1.6	72.9	1.6	1,370,463	4.1	107.3	3.0
Eastern	34,169	25,886	1.6	75.8	1.6	3,058,444	2.9	118.2	2.2
Great Lakes	51,302	37,703	1.6	73.5	1.6	3,695,991	2.4	98.0	1.8
New England	11,132	8,596	1.3	77.2	1.3	1,013,021	4.8	117.8	3.7
Northwest Mountain	36,732	28,392	1.5	77.3	1.5	3,557,491	3.6	125.3	2.8
Southern	56,156	42,740	1.5	76.1	1.5	5,501,876	2.0	128.7	1.5
Southwestern	43,420	33,909	1.4	78.1	1.4	4,844,914	2.2	142.9	1.8
Western-Pacific	45,800	35,501	1.5	77.5	1.5	4,027,039	2.9	113.4	2.3
Total	305,108	231,607	1.5	75.9	1.5	27,851,982	1.0	120.3	0.7

## Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Columns may not add to totals due to rounding procedures.

Beginning in 2007, the survey asked the state in which the aircraft was "primarily flown" rather than where the aircraft was "based."

Estimates by state and region may vary from previous years.

Table 2.3

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,  
TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS*  
BY STATE PRIMARILY FLOWN**

STATE	Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error
Alabama	4,801	3,719	1.6	77.5	1.6	371,668	7.6	99.9	5.9
Alaska	8,874	6,111	0.8	68.9	0.8	782,743	2.8	128.1	1.9
Arizona	9,560	7,636	1.5	79.9	1.5	806,958	5.7	105.7	4.6
Arkansas	3,596	2,575	1.7	71.6	1.7	337,948	9.0	131.3	6.4
California	31,361	23,813	1.7	75.9	1.7	2,540,310	3.5	106.7	2.7
Colorado	7,050	5,441	1.5	77.2	1.5	662,780	6.7	121.8	5.1
Connecticut	3,010	2,296	1.3	76.3	1.3	379,781	8.1	165.4	6.2
Delaware	3,061	2,494	1.0	81.5	1.0	409,677	6.9	164.3	5.6
District of Columbia	45	41	0.4	90.6	0.4	15,249	9.6	374.2	8.7
Florida	21,735	16,341	1.6	75.2	1.6	2,197,852	3.2	134.5	2.4
Georgia	6,851	4,758	1.8	69.5	1.8	568,185	5.5	119.4	3.8
Hawaii	669	531	1.1	79.3	1.1	105,800	16.8	199.3	13.3



Table 2.3

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,  
TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS*  
BY STATE PRIMARILY FLOWN**

STATE	Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error
Idaho	3,371	2,747	1.3	81.5	1.3	319,470	7.0	116.3	5.7
Illinois	9,284	6,872	1.5	74.0	1.5	722,830	5.8	105.2	4.3
Indiana	6,355	4,862	1.5	76.5	1.5	358,297	6.7	73.7	5.1
Iowa	3,837	2,982	1.4	77.7	1.4	297,579	6.9	99.8	5.3
Kansas	4,236	3,044	1.4	71.8	1.4	441,780	6.9	145.2	4.9
Kentucky	2,853	2,073	1.8	72.6	1.8	185,548	8.4	89.5	6.1
Louisiana	3,921	2,857	1.3	72.9	1.3	755,973	4.3	264.6	3.1
Maine	1,907	1,463	1.5	76.7	1.5	127,938	12.6	87.5	9.7
Maryland	2,990	2,699	1.0	90.3	1.0	309,094	6.0	114.5	5.4
Massachusetts	3,284	2,738	1.1	83.4	1.1	316,887	8.5	115.8	7.1
Michigan	9,133	6,443	1.6	70.5	1.6	512,308	5.3	79.5	3.7
Minnesota	6,842	5,086	1.6	74.3	1.6	552,528	5.6	108.6	4.2

Table 2.3

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,  
TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS*  
BY STATE PRIMARILY FLOWN**

STATE	Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error
Mississippi	2,191	1,939	0.8	88.5	0.8	381,327	7.2	196.6	6.4
Missouri	6,359	4,616	1.9	72.6	1.9	375,775	8.0	81.4	5.8
Montana	4,082	3,110	1.8	76.2	1.8	348,523	9.8	112.1	7.5
Nebraska	3,091	2,127	2.0	68.8	2.0	255,329	10.7	120.0	7.4
Nevada	4,199	3,512	1.1	83.6	1.1	573,319	8.6	163.3	7.2
New Hampshire	1,946	1,425	1.5	73.2	1.5	106,957	11.3	75.1	8.3
New Jersey	4,136	3,369	1.5	81.4	1.5	315,132	9.6	93.6	7.8
New Mexico	5,093	4,221	1.3	82.9	1.3	460,776	8.2	109.2	6.8
New York	7,787	5,661	1.8	72.7	1.8	600,392	7.4	106.1	5.4
North Carolina	7,611	5,917	1.6	77.7	1.6	928,068	6.2	156.9	4.8
North Dakota	1,887	1,236	2.3	65.5	2.3	171,039	17.3	138.3	11.3
Ohio	8,456	6,189	1.5	73.2	1.5	740,509	6.3	119.7	4.6

Table 2.3

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,*  
*TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS*  
BY STATE PRIMARILY FLOWN**

STATE	Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error
Oklahoma	5,627	4,021	1.4	71.5	1.4	840,397	5.8	209.0	4.1
Oregon	7,612	6,029	1.3	79.2	1.3	725,085	6.3	120.3	5.0
Pennsylvania	8,990	5,881	2.4	65.4	2.4	624,081	7.8	106.1	5.1
Rhode Island	346	243	1.5	70.3	1.5	42,676	18.9	175.4	13.3
South Carolina	4,034	3,214	1.6	79.7	1.6	260,064	10.3	80.9	8.2
South Dakota	1,895	1,143	2.3	60.3	2.3	151,276	9.6	132.4	5.8
Tennessee	5,556	4,286	1.2	77.1	1.2	524,354	4.5	122.3	3.5
Texas	25,184	20,235	1.4	80.3	1.4	2,449,819	2.8	121.1	2.3
Utah	2,617	2,057	1.0	78.6	1.0	386,136	6.1	187.7	4.8
Vermont	638	431	1.5	67.6	1.5	38,782	14.5	90.0	9.8
Virginia	5,692	4,642	1.2	81.5	1.2	703,153	4.8	151.5	3.9
Washington	10,440	7,722	1.8	74.0	1.8	948,653	11.2	122.9	8.3

Table 2.3

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,  
TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS*  
BY STATE PRIMARILY FLOWN**

STATE	Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error
West Virginia	1,463	1,101	1.9	75.2	1.9	81,667	16.1	74.2	12.1
Wisconsin	7,452	5,872	1.3	78.8	1.3	487,203	5.3	83.0	4.1
Wyoming	1,560	1,287	1.3	82.5	1.3	166,844	8.7	129.7	7.2
Puerto Rico	376	348	0.5	92.6	0.5	53,520	10.4	153.7	9.7
Other U.S. Territories	163	154	0.6	94.3	0.6	31,943	10.0	207.8	9.4
<b>Total</b>	<b>305,108</b>	<b>231,607</b>	<b>1.5</b>	<b>75.9</b>	<b>1.5</b>	<b>27,851,982</b>	<b>1.0</b>	<b>120.3</b>	<b>0.7</b>

## Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Columns may not add to totals due to rounding procedures.

Beginning in 2007, the survey asked the state in which the aircraft was "primarily flown" rather than where the aircraft was "based."

Estimates by state and region may vary from previous years.

Table 2.4

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL NUMBER OF LANDINGS* BY REGION AIRCRAFT PRIMARILY FLOWN  
BY AIRCRAFT TYPE**

AIRCRAFT TYPE	REGION AIRCRAFT PRIMARILY FLOWN									Total
	Alaskan	Central	Eastern	Great Lakes	New England	Northwest Mountain	Southern	South Western	Western-Pacific	
Fixed Wing										
Fixed Wing - Piston										
1 Eng: 1-3 Seats	298,323	448,353	302,552	1,055,658	173,449	677,883	886,267	1,759,022	456,683	6,058,192
% Std. Error	6.5	31.1	23.0	23.8	39.5	19.2	29.6	30.2	34.0	7.6
1 Eng: 4+ Seats	825,190	759,059	1,660,172	2,599,993	624,481	1,856,167	3,091,409	1,601,514	1,868,410	14,886,394
% Std. Error	5.4	12.0	9.2	12.8	18.0	9.2	9.5	7.5	7.4	3.4
1 Engine: Total	1,123,514	1,207,412	1,962,724	3,655,651	797,930	2,534,050	3,977,676	3,360,536	2,325,093	20,944,585
% Std. Error	4.5	12.3	8.9	11.8	17.1	8.4	9.5	12.7	7.9	3.2
2 Eng: 1-6 Seats	16,131	101,047	230,916	372,804	144,435	171,176	495,736	258,837	142,174	1,933,255
% Std. Error	51.0	30.6	27.7	24.6	25.7	26.0	13.3	24.1	17.5	9.1
2 Eng: 7+ Seats	79,406	65,257	113,952	189,309	184,956	107,230	159,642	107,681	126,030	1,133,464
% Std. Error	11.7	11.6	22.1	20.7	9.5	21.4	12.2	14.1	15.5	7.0
2 Engine: Total	95,537	166,303	344,869	562,113	329,391	278,406	655,378	366,517	268,204	3,066,719
% Std. Error	14.7	16.6	19.0	17.2	12.7	17.4	9.9	15.4	14.4	6.1
Piston: Total	1,219,051	1,373,715	2,307,593	4,217,764	1,127,320	2,812,457	4,633,054	3,727,053	2,593,297	24,011,304
% Std. Error	4.3	10.4	8.1	10.1	13.8	7.6	8.0	10.7	7.0	2.9

Table 2.4

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL NUMBER OF LANDINGS* BY REGION AIRCRAFT PRIMARILY FLOWN  
BY AIRCRAFT TYPE**

AIRCRAFT TYPE	REGION AIRCRAFT PRIMARILY FLOWN									Total
	Alaskan	Central	Eastern	Great Lakes	New England	Northwest Mountain	Southern	South Western	Western-Pacific	
Fixed Wing - Turboprop										
1 Engine: Total	131,106	61,888	84,282	116,757	22,475	179,118	415,284	547,688	259,973	1,818,571
% Std. Error	5.3	8.6	14.0	5.5	15.0	7.3	3.9	4.4	5.9	2.2
2 Eng: 1-12 Seats	43,761	84,707	218,531	126,073	17,344	111,465	243,111	154,869	168,581	1,168,440
% Std. Error	14.2	6.9	4.5	5.4	16.8	5.9	4.9	8.0	8.8	2.4
2 Eng: 13+ Seats	8,771	10,171	31,445	23,773	22,794	12,938	92,324	45,010	64,880	312,105
% Std. Error	64.1	12.4	7.0	7.2	26.7	12.0	14.6	17.5	19.5	7.2
2 Engine: Total	52,531	94,878	249,976	149,846	40,138	124,403	335,435	199,879	233,461	1,480,545
% Std. Error	14.9	6.5	4.1	4.7	22.1	5.6	5.3	7.4	8.6	2.4
Turboprop: Total	183,637	156,767	334,258	266,602	62,612	303,521	750,719	747,566	493,433	3,299,116
% Std. Error	5.7	5.5	4.7	3.6	14.7	4.9	3.5	4.2	5.0	1.7
Fixed Wing - Turbojet										
Turbojet: Total	14,363	151,195	379,105	392,264	188,637	196,763	530,365	709,217	226,577	2,788,485
% Std. Error	19.5	5.4	2.5	2.5	6.2	2.7	3.1	1.7	2.4	1.1
Fixed Wing: Total	1,417,051	1,681,677	3,020,956	4,876,630	1,378,570	3,312,740	5,914,138	5,183,837	3,313,308	30,098,906
% Std. Error	4.0	6.4	4.3	6.0	9.4	4.9	4.5	4.7	4.8	1.8

Table 2.4

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL NUMBER OF LANDINGS* BY REGION AIRCRAFT PRIMARILY FLOWN  
BY AIRCRAFT TYPE**

AIRCRAFT TYPE	REGION AIRCRAFT PRIMARILY FLOWN									Total
	Alaskan	Central	Eastern	Great Lakes	New England	Northwest Mountain	Southern	South Western	Western-Pacific	
Rotorcraft										
Piston	25,458	32,815	324,486	168,396	31,932	291,292	258,840	216,955	884,174	2,234,348
% Std. Error	32.2	38.1	14.1	12.7	19.5	12.4	9.7	15.3	8.3	4.6
1 Eng: Turbine	97,291	124,458	451,510	230,500	70,517	519,470	545,801	1,106,958	898,830	4,045,335
% Std. Error	10.3	8.1	8.2	8.4	11.9	5.6	5.9	4.1	3.6	2.2
Multi-Eng: Turbine	2,646	13,375	314,160	111,604	81,403	139,014	166,120	463,285	87,784	1,379,392
% Std. Error	16.4	23.8	7.1	8.5	10.7	8.6	9.2	3.2	9.1	2.8
Turbine: Total	99,937	137,832	765,671	342,105	151,920	658,484	711,921	1,570,243	986,614	5,424,728
% Std. Error	10.0	8.0	5.7	6.6	8.2	4.8	5.5	3.0	3.3	1.8
Rotorcraft: Total	125,395	170,647	1,090,157	510,501	183,852	949,776	970,761	1,787,198	1,870,788	7,659,076
% Std. Error	10.2	9.7	5.6	6.1	7.9	4.8	4.8	3.3	3.6	1.8
Other Aircraft										
Gliders	10	3,964	20,750	37,361	5,247	14,886	23,448	16,278	24,933	146,879
% Std. Error	0.0	37.0	22.2	29.3	24.3	22.2	27.0	13.1	16.6	10.9
Lighter-than-air	48	13,556	16,135	28,043	7,212	12,404	20,562	32,118	25,691	155,770
% Std. Error	0.0	28.9	18.1	12.5	26.0	15.1	7.8	14.9	15.7	5.9
Other Aircraft: Total	58	17,520	36,885	65,404	12,459	27,291	44,010	48,397	50,624	302,648
% Std. Error	76.6	23.3	16.1	35.5	18.3	17.8	16.7	11.2	13.2	8.1

Table 2.4

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL NUMBER OF LANDINGS* BY REGION AIRCRAFT PRIMARILY FLOWN  
BY AIRCRAFT TYPE**

AIRCRAFT TYPE	REGION AIRCRAFT PRIMARILY FLOWN									Total
	Alaskan	Central	Eastern	Great Lakes	New England	Northwest Mountain	Southern	South Western	Western-Pacific	
Experimental										
Amateur	17,179	61,571	145,063	223,654	33,680	302,960	325,368	242,051	205,455	1,556,981
% Std. Error	15.4	15.8	17.1	5.0	12.4	9.0	7.1	10.1	7.0	3.2
Exhibition	114	2,014	6,880	12,701	3,922	22,406	19,286	25,789	16,074	109,185
% Std. Error	14.6	20.9	29.3	8.6	26.9	23.6	8.3	26.2	10.4	10.5
Other	15,469	13,477	46,235	29,924	13,056	43,122	52,098	57,572	60,463	331,417
% Std. Error	21.7	26.1	19.0	20.7	37.5	14.7	22.2	17.3	15.4	6.9
Experimental: Total	32,762	77,062	198,177	266,280	50,659	368,488	396,753	325,412	281,992	1,997,584
% Std. Error	15.3	14.7	16.5	5.5	26.8	8.1	8.5	10.5	9.7	3.5
Light-sport	2,602	26,413	46,797	106,670	17,226	52,770	144,956	69,966	81,991	549,391
% Std. Error	21.8	5.4	9.1	4.0	11.9	6.1	6.3	6.2	6.8	2.5
Total All Aircraft	1,577,867	1,973,319	4,392,972	5,825,484	1,642,766	4,711,065	7,470,618	7,414,810	5,598,703	40,607,604
% Std. Error	3.8	5.1	4.4	3.8	7.0	3.7	3.3	3.6	4.1	1.4

## Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Table cells that are populated by a small number of aircraft may display relatively high standard errors for the corresponding estimates.

Estimates in these types of categories also may vary noticeably from year to year and should be interpreted with caution.

Columns may not add to totals due to rounding procedures.

Beginning in 2005, light-sport was added as an aircraft type.

Estimated number of light-sport aircraft has increased significantly in 2007 due to mandatory regulation process changes.

Beginning in 2007, the survey asked the state in which the aircraft was "primarily flown" rather than where the aircraft was "based."

Estimates by state and region may vary from previous years.



Table 2.5

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,  
TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS*  
BY AGE OF AIRCRAFT**

AGE OF AIRCRAFT (YEARS OLD)		Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error
(YEARS OLD)	(BUILT)									
1	to 5	29,353	25,637	0.4	87.3	0.4	4,585,775	1.0	178.9	0.9
6	to 10	22,193	18,039	0.8	81.3	0.8	3,056,582	1.9	169.4	1.6
11	to 15	12,306	9,710	1.1	78.9	1.1	1,553,861	3.8	160.0	3.0
16	to 20	8,871	6,706	1.2	75.6	1.2	1,208,362	3.9	180.2	2.9
21	to 25	14,917	12,335	1.1	82.7	1.1	1,887,188	3.4	153.0	2.8
26	to 30	40,996	36,258	1.1	88.4	1.1	5,625,910	2.5	155.2	2.2
31	to 35	46,449	36,249	1.8	78.0	1.8	3,843,926	2.8	106.0	2.2
36	to 40	29,399	23,764	1.8	80.8	1.8	2,209,778	3.5	93.0	2.8
41	to 45	29,295	23,595	2.2	80.5	2.2	1,685,911	4.3	71.5	3.5
46	to 50	19,248	12,942	3.0	67.2	3.0	820,524	5.9	63.4	4.0
51	to 55	11,459	6,198	3.3	54.1	3.3	406,730	9.5	65.6	5.2
56	to 60	15,652	8,268	4.6	52.8	4.6	407,406	9.7	49.3	5.1
Over 60	- 1947	24,971	11,906	5.5	47.7	5.5	560,029	8.5	47.0	4.1
Total All Aircraft		305,108	231,607	1.5	75.9	1.5	27,851,982	1.0	120.3	0.7

## Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Columns may not add to totals due to rounding procedures.

**Table 2.5a**  
**FW Piston 1 Engine**

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,***  
***TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS***  
**BY AGE OF AIRCRAFT (FIXED WING PISTON SINGLE-ENGINE AIRCRAFT ONLY)**

AGE OF AIRCRAFT		Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error	
(YEARS OLD)	(BUILT)										
1	to 5	2003 - 2007	9,029	8,773	0.2	97.2	0.2	1,682,799	1.6	191.8	1.6
6	to 10	1998 - 2002	3,913	3,817	1.1	97.5	1.1	520,490	8.7	136.4	8.4
11	to 15	1993 - 1997	2,305	2,299	0.4	99.7	0.4	229,356	19.1	99.8	19.0
16	to 20	1988 - 1992	1,838	1,835	0.3	99.8	0.3	178,218	18.2	97.1	18.1
21	to 25	1983 - 1987	7,086	6,559	2.0	92.6	2.0	719,820	11.0	109.7	10.2
26	to 30	1978 - 1982	25,678	24,135	1.6	94.0	1.6	3,324,517	6.6	137.7	6.2
31	to 35	1973 - 1977	29,806	26,355	2.1	88.4	2.1	2,505,002	4.8	95.0	4.2
36	to 40	1968 - 1972	22,492	19,116	2.8	85.0	2.8	1,401,164	5.5	73.3	4.7
41	to 45	1963 - 1967	23,382	19,280	3.1	82.5	3.1	1,218,385	5.3	63.2	4.4
46	to 50	1958 - 1962	16,527	11,581	3.7	70.1	3.7	691,256	6.4	59.7	4.5
51	to 55	1953 - 1957	9,554	5,261	3.9	55.1	3.9	299,388	11.2	56.9	6.1
56	to 60	1948 - 1952	15,102	8,048	5.1	53.3	5.1	391,239	10.8	48.6	5.8
Over 60		- 1947	22,773	10,512	7.2	46.2	7.2	409,774	11.0	39.0	5.1
Total All Aircraft			189,484	147,569	2.5	77.9	2.5	13,571,408	2.1	92.0	1.6

Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Columns may not add to totals due to rounding procedures.

**Table 2.5b  
FW Piston 2 Engines**

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,  
TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS*  
BY AGE OF AIRCRAFT (FIXED WING PISTON TWO-ENGINE AIRCRAFT ONLY)**

AGE OF AIRCRAFT (YEARS OLD)		(BUILT)	Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error	
1	to	5	2003 - 2007	415	269	1.4	64.8	1.4	61,670	13.9	229.3	9.0
6	to	10	1998 - 2002	355	355	0.1	100.0	0.1	116,970	27.0	329.6	26.9
11	to	15	1993 - 1997	208	208		100.2		65,567	16.0	314.7	16.0
16	to	20	1988 - 1992	88	87	0.4	98.4	0.4	48,806	25.1	563.4	24.7
21	to	25	1983 - 1987	1,117	1,053	0.9	94.3	0.9	179,450	11.6	170.4	10.9
26	to	30	1978 - 1982	5,832	5,482	0.8	94.0	0.8	919,460	4.7	167.7	4.5
31	to	35	1973 - 1977	5,180	4,806	1.0	92.8	1.0	595,898	7.4	124.0	6.9
36	to	40	1968 - 1972	2,606	1,936	2.3	74.3	2.3	208,849	14.1	107.9	10.5
41	to	45	1963 - 1967	3,321	2,933	1.5	88.3	1.5	265,467	9.4	90.5	8.3
46	to	50	1958 - 1962	1,231	790	3.3	64.1	3.3	53,734	43.5	68.0	27.9
51	to	55	1953 - 1957	984	432	6.7	43.9	6.7	41,328	46.7	95.7	20.5
56	to	60	1948 - 1952	141	15	14.9	10.9	14.9	91	125.0	6.0	13.6
Over 60			- 1947	1,249	972	2.6	77.8	2.6	128,781	10.9	132.5	8.5
Total All Aircraft				22,727	19,337	1.5	85.1	1.5	2,686,071	3.6	138.9	3.1

Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Columns may not add to totals due to rounding procedures.

**Table 2.5c**  
**FW Turboprop 1 Engine**

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,***  
***TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS***  
**BY AGE OF AIRCRAFT (FIXED WING TURBOPROP SINGLE-ENGINE AIRCRAFT ONLY)**

AGE OF AIRCRAFT		Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error	
(YEARS OLD)	(BUILT)										
1	to 5	2003 - 2007	979	969	0.1	99.0	0.1	266,785	2.7	275.3	2.6
6	to 10	1998 - 2002	832	824	0.1	99.0	0.1	263,468	2.6	319.8	2.6
11	to 15	1993 - 1997	573	545	0.2	95.1	0.2	176,760	2.9	324.3	2.8
16	to 20	1988 - 1992	555	524	0.2	94.4	0.2	174,848	2.1	333.6	1.9
21	to 25	1983 - 1987	570	487	0.4	85.5	0.4	104,879	4.2	215.3	3.6
26	to 30	1978 - 1982	642	591	0.3	92.1	0.3	93,897	5.1	158.8	4.7
31	to 35	1973 - 1977	41	41		100.0		4,394	11.4	106.5	11.4
Over 35		- 1972	84	77	0.2	91.3	0.2	32,926	6.5	429.4	6
Total All Aircraft			4,275	4,059	0.2	94.9	0.2	1,117,958	1.3	275.4	1.2

Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Columns may not add to totals due to rounding procedures.

**Table 2.5d**  
**FW Turboprop 2 Engines**

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,***  
***TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS***  
**BY AGE OF AIRCRAFT (FIXED WING TURBOPROP TWO-ENGINE AIRCRAFT ONLY)**

AGE OF AIRCRAFT		Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error	
(YEARS OLD)	(BUILT)										
1	to 5	2003 - 2007	170	169	0.1	99.3	0.1	41,629	18.0	246.6	17.9
6	to 10	1998 - 2002	467	457	0.2	97.9	0.2	148,529	7.5	324.9	7.3
11	to 15	1993 - 1997	408	359	0.4	88.1	0.4	105,602	6.7	293.9	5.9
16	to 20	1988 - 1992	352	332	0.3	94.3	0.3	96,745	4.1	291.5	3.9
21	to 25	1983 - 1987	805	776	0.2	96.4	0.2	211,179	5.5	272.2	5.3
26	to 30	1978 - 1982	2,086	1,980	0.3	94.9	0.3	511,140	3.3	258.2	3.1
31	to 35	1973 - 1977	882	846	0.2	96.0	0.2	262,192	3.5	309.8	3.4
Over 35		- 1972	707	537	0.7	75.9	0.7	166,500	7.1	310.3	5.4
Total All Aircraft			5,878	5,456	0.3	92.8	0.3	1,543,516	1.9	282.9	1.8

Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Columns may not add to totals due to rounding procedures.

**Table 2.5e**  
**FW Turbojet**

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,***  
***TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS***  
**BY AGE OF AIRCRAFT (FIXED WING TURBOJET AIRCRAFT ONLY)**

AGE OF AIRCRAFT		Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error	
(YEARS OLD)	(BUILT)										
1	to 5	2003 - 2007	2,415	2,386	0.1	98.8	0.1	1,042,415	1.3	436.9	1.2
6	to 10	1998 - 2002	2,567	2,530	0.1	98.6	0.1	1,116,872	1.2	441.5	1.2
11	to 15	1993 - 1997	1,250	1,231	0.1	98.5	0.1	464,435	2.7	377.3	2.6
16	to 20	1988 - 1992	828	806	0.2	97.4	0.2	298,300	2.8	369.9	2.7
21	to 25	1983 - 1987	987	930	0.3	94.2	0.3	297,220	3.2	319.7	3.0
26	to 30	1978 - 1982	1,436	1,314	0.3	91.5	0.3	361,040	2.8	274.8	2.6
31	to 35	1973 - 1977	754	545	0.7	72.2	0.7	150,426	5.3	276.1	3.9
Over 35		- 1972	953	643	0.8	67.5	0.8	207,506	5.1	322.7	3.4
Total All Aircraft			11,189	10,385	0.3	92.8	0.3	3,938,215	0.8	379.2	0.7

Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Columns may not add to totals due to rounding procedures.

**Table 2.5f**  
**Piston Rotorcraft**

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,***  
***TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS***  
**BY AGE OF AIRCRAFT (PISTON ROTORCRAFT ONLY)**

AGE OF AIRCRAFT		Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error	
(YEARS OLD)	(BUILT)										
1	to 5	2003 - 2007	714	696	0.2	97.4	0.2	305,410	4.7	439.1	4.6
6	to 10	1998 - 2002	515	479	0.4	93.0	0.4	129,050	7.8	269.4	7.3
11	to 15	1993 - 1997	261	211	0.7	80.9	0.7	52,289	16.8	247.6	13.6
16	to 20	1988 - 1992	265	236	0.5	89.2	0.5	63,237	12.0	267.4	10.7
21	to 25	1983 - 1987	95	83	0.5	87.9	0.5	11,314	16.8	135.5	14.8
26	to 30	1978 - 1982	279	182	1.1	65.1	1.1	23,273	16.5	128.1	10.8
31	to 35	1973 - 1977	406	191	1.5	47.0	1.5	27,739	16.3	145.3	7.7
Over 35		- 1972	1,730	690	1.8	39.9	1.8	92,071	12.3	133.4	4.9
Total All Aircraft			4,265	2,769	1.1	64.9	1.1	704,382	4.2	254.4	2.7

Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Columns may not add to totals due to rounding procedures.

**Table 2.5g**  
**Turbine Rotorcraft 1 Engine**

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,***  
***TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS***  
**BY AGE OF AIRCRAFT (SINGLE-ENGINE TURBINE ROTORCRAFT ONLY)**

AGE OF AIRCRAFT		Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error	
(YEARS OLD)	(BUILT)										
1	to 5	2003 - 2007	1,254	1,226	0.2	97.7	0.2	420,344	3.7	343.0	3.6
6	to 10	1998 - 2002	584	579	0.1	99.1	0.1	300,199	4.0	518.6	4
11	to 15	1993 - 1997	403	383	0.3	95.1	0.3	203,784	6.0	531.5	5.7
16	to 20	1988 - 1992	385	378	0.2	98.3	0.2	193,324	4.0	511.1	3.9
21	to 25	1983 - 1987	414	380	0.3	91.8	0.3	182,869	4.6	481.2	4.2
26	to 30	1978 - 1982	675	587	0.5	87.0	0.5	235,409	4.3	400.8	3.7
31	to 35	1973 - 1977	913	591	1.0	64.7	1	143,438	6.3	242.8	4.1
Over 35		- 1972	1,828	1,307	0.9	71.5	0.9	311,548	3.8	238.4	2.7
Total All Aircraft			6,455	5,431	0.6	84.1	0.6	1,990,913	1.8	366.6	1.5

Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Columns may not add to totals due to rounding procedures.



**Table 2.5h  
Turbine Rotorcraft Multi-Eng**

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,  
TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS*  
BY AGE OF AIRCRAFT (MULTI-ENGINE TURBINE ROTORCRAFT ONLY)**

AGE OF AIRCRAFT (YEARS OLD)		(BUILT)	Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error	
1	to	5	2003 - 2007	262	255	0.2	97.5	0.2	107,269	5.9	420.1	5.7
6	to	10	1998 - 2002	174	169	0.2	97.1	0.2	58,617	6.4	346.8	6.2
11	to	15	1993 - 1997	291	251	0.5	86.2	0.5	86,831	8.2	346.1	7.0
16	to	20	1988 - 1992	190	180	0.3	94.8	0.3	77,441	7.9	429.9	7.5
21	to	25	1983 - 1987	248	237	0.2	95.6	0.2	103,431	6.8	436.1	6.5
26	to	30	1978 - 1982	147	146	0.1	99.1	0.1	60,883	3.1	417.9	3.1
31	to	35	1973 - 1977	75	61	0.6	81.0	0.6	25,864	7.3	426.0	5.9
Over 35			- 1972	95	68	0.7	71.6	0.7	29,827	9.7	438.3	7.0
Total All Aircraft				1,482	1,367	0.3	92.2	0.3	550,163	2.6	402.4	2.4

Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Columns may not add to totals due to rounding procedures.

**Table 2.5i**  
**Other Aircraft**  
**(Glider, Lighter-than-air)**

**2007 GENERAL AVIATION AND AIR TAXI *POPULATION SIZE, ACTIVE AIRCRAFT,***  
***TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS***  
**BY AGE OF AIRCRAFT (OTHER AIRCRAFT ONLY)**

AGE OF AIRCRAFT		Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error	
(YEARS OLD)	(BUILT)										
1	to 5	2003 - 2007	1,185	1,039	0.5	87.7	0.5	42,823	5.0	41.2	4.3
6	to 10	1998 - 2002	1,483	1,164	1.2	78.5	1.2	43,305	9.5	37.2	7.5
11	to 15	1993 - 1997	1,837	1,232	1.8	67.0	1.8	35,128	19.3	28.5	12.9
16	to 20	1988 - 1992	1,286	577	3.0	44.8	3	11,857	18.7	20.6	8.4
21	to 25	1983 - 1987	994	430	2.7	43.2	2.7	18,948	39.6	44.1	17.1
26	to 30	1978 - 1982	935	330	2.5	35.3	2.5	12,519	17.1	38.0	6
31	to 35	1973 - 1977	1,047	526	1.5	50.2	1.5	26,215	10.7	49.8	5.4
Over 35		- 1972	1,347	643	1.4	47.7	1.4	24,174	10.6	37.6	5.1
Total All Aircraft			10,115	5,940	1.6	58.7	1.6	214,969	4.9	36.2	2.9

Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Columns may not add to totals due to rounding procedures.

**Table 2.5j**  
**Experimental Aircraft**  
**(Amateur, Exhibition, Other)**

**2007 GENERAL AVIATION AND AIR TAXI POPULATION SIZE, ACTIVE AIRCRAFT,  
TOTAL FLIGHT HOURS, AND AVERAGE FLIGHT HOURS  
BY AGE OF AIRCRAFT (EXPERIMENTAL AIRCRAFT ONLY)**

AGE OF AIRCRAFT		Aircraft Population Size	Estimated Number Active	Percent Standard Error	Estimated Percent Active	Percent Standard Error	Estimated Total Hours Flown	Percent Standard Error	Estimated Average Hours	Percent Standard Error	
(YEARS OLD)	(BUILT)										
1	to 5	2003 - 2007	10,087	7,363	0.7	73.0	0.7	481,957	2.1	65.5	1.5
6	to 10	1998 - 2002	6,288	4,508	2.1	71.7	2.1	250,413	8.7	55.6	6.2
11	to 15	1993 - 1997	4,425	2,727	2.5	61.6	2.5	124,343	12.7	45.6	7.8
16	to 20	1988 - 1992	2,981	1,666	2.9	55.9	2.9	62,683	15.1	37.6	8.5
21	to 25	1983 - 1987	2,523	1,337	2.6	53.0	2.6	52,993	15.2	39.6	8.1
26	to 30	1978 - 1982	3,284	1,510	3.1	46.0	3.1	83,429	31.0	55.2	14.3
31	to 35	1973 - 1977	7,341	2,283	4.6	31.1	4.6	102,437	18.9	44.9	5.9
36	to 40	1968 - 1972	951	491	2.0	51.7	2.0	44,867	24.4	91.3	12.6
41	to 45	1963 - 1967	845	372	2.8	44.0	2.8	18,956	31.3	51.0	13.8
46	to 50	1958 - 1962	651	197	3.2	30.3	3.2	15,011	46.2	76.2	14.0
51	to 55	1953 - 1957	460	266	1.3	57.8	1.3	14,776	16.8	55.6	9.7
56	to 60	1948 - 1952	242	135	1.3	55.8	1.3	7,891	22.4	58.4	12.5
Over 60		- 1947	770	373	1.5	48.5	1.5	14,869	14.5	39.8	7.0
Total All Aircraft			40,848	23,228	1.8	56.9	1.8	1,274,625	3.0	54.9	1.7

Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Columns may not add to totals due to rounding procedures.

Table 2.6

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL HOURS FLOWN***  
**IN RANGES OF HOURS FLOWN BY AGE OF AIRCRAFT**

AGE OF AIRCRAFT				Estimate of Total Hours Flown	TOTAL HOURS FLOWN IN EACH FLIGHT HOUR RANGE					
(YEARS OLD)		(BUILT)			1 - 50 Hours	51 - 100 Hours	101 - 150 Hours	151 - 200 Hours	201 - 300 Hours	301 - 400 Hours
1	to	5	2003 - 2007	4,585,781	235,488	466,766	351,960	286,258	443,517	519,907
6	to	10	1998 - 2002	3,056,583	155,758	314,156	192,706	192,706	260,332	434,113
11	to	15	1993 - 1997	1,553,861	119,391	74,278	72,734	84,969	191,350	272,685
16	to	20	1988 - 1992	1,208,362	70,591	59,929	49,951	63,814	152,639	198,057
21	to	25	1983 - 1987	1,887,188	125,422	238,107	152,230	128,548	207,263	278,270
26	to	30	1978 - 1982	5,625,912	297,188	748,797	580,733	546,875	894,740	717,957
31	to	35	1973 - 1977	3,843,926	422,094	830,911	481,806	342,763	349,970	386,162
36	to	40	1968 - 1972	2,209,778	325,422	458,579	374,571	183,382	262,992	117,331
41	to	45	1963 - 1967	1,685,911	363,863	446,511	301,122	166,133	150,539	131,462
46	to	50	1958 - 1962	820,524	195,220	290,950	108,055	32,150	99,615	21,032

**Table 2.6**

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL HOURS FLOWN*  
IN RANGES OF HOURS FLOWN BY AGE OF AIRCRAFT**

AGE OF AIRCRAFT		Estimate of Total Hours Flown	TOTAL HOURS FLOWN IN EACH FLIGHT HOUR RANGE					
(YEARS OLD)	(BUILT)		1 - 50 Hours	51 - 100 Hours	101 - 150 Hours	151 - 200 Hours	201 - 300 Hours	301 - 400 Hours
51 to 55	1953 - 1957	406,730	76,033	112,485	74,778	10,745	59,579	14,605
56 to 60	1948 - 1952	407,406	145,126	139,615	5,223	38,437	60,373	5,285
Over 60	- 1947	560,029	185,974	157,578	75,908	30,326	87,347	15,867
Total All Aircraft		27,851,990	2,717,570	4,338,662	2,821,777	2,107,107	3,220,257	3,112,732

Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Columns may not add to totals due to rounding procedures.

Estimates of total hours flown includes hours from flight range categories ranging from '1-50 hours' to 'over 1600 hours'.

Note that the flight range hours are split across pages so that more detail can be reported.

Table 2.6

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL HOURS FLOWN***  
**IN RANGES OF HOURS FLOWN BY AGE OF AIRCRAFT**

AGE OF AIRCRAFT					Estimate of Total Hours Flown	TOTAL HOURS FLOWN IN EACH FLIGHT HOUR RANGE						
(YEARS OLD)		(BUILT)				401 - 500 Hours	501 - 700 Hours	701 - 1000 Hours	1001- 1300 Hours	1301 - 1600 Hours	Over 1600 Hours	
1	to	5	2003	-	2007	4,585,781	417,478	561,615	1,036,474	120,695	91,748	53,875
6	to	10	1998	-	2002	3,056,583	297,918	406,362	531,119	154,123	59,014	58,276
11	to	15	1993	-	1997	1,553,861	225,545	189,219	174,474	24,155	29,171	95,890
16	to	20	1988	-	1992	1,208,362	183,471	194,189	103,704	73,598	24,096	34,323
21	to	25	1983	-	1987	1,887,188	159,313	360,131	100,955	45,289	24,003	67,657
26	to	30	1978	-	1982	5,625,912	590,506	517,799	226,262	111,623	31,271	362,161
31	to	35	1973	-	1977	3,843,926	247,365	521,111	179,964	45,658	0	36,122
36	to	40	1968	-	1972	2,209,778	163,666	185,598	106,231	11,989	1,766	18,251
41	to	45	1963	-	1967	1,685,911	31,920	42,093	27,392	5,112	0	19,763
46	to	50	1958	-	1962	820,524	19,279	29,559	11,343	13,319	0	0

Table 2.6

**2007 GENERAL AVIATION AND AIR TAXI *TOTAL HOURS FLOWN*  
IN RANGES OF HOURS FLOWN BY AGE OF AIRCRAFT**

AGE OF AIRCRAFT (YEARS OLD) (BUILT)					Estimate of Total Hours Flown	TOTAL HOURS FLOWN IN EACH FLIGHT HOUR RANGE						
						401 - 500 Hours	501 - 700 Hours	701 - 1000 Hours	1001- 1300 Hours	1301 - 1600 Hours	Over 1600 Hours	
51	to	55	1953	-	1957	406,730	19,986	14,352	6,614	12,337	0	5,217
56	to	60	1948	-	1952	407,406	3,318	4,210	0	0	0	5,820
Over 60				-	1947	560,029	1,955	2,559	2,514	0	0	0
Total All Aircraft					27,851,990	2,361,720	3,028,798	2,507,047	617,897	261,067	757,355	

## Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Columns may not add to totals due to rounding procedures.

Estimates of total hours flown includes hours from flight range categories ranging from '1-50 hours' to 'over 1600 hours'.

Note that the flight range hours are split across pages so that more detail can be reported.

Table 2.7

**2007 GENERAL AVIATION AND AIR TAXI ACTIVE AIRCRAFT**  
**TOTAL FLIGHT HOURS BY NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN**  
**IN EACH FLIGHT HOUR RANGE BY AIRCRAFT TYPE**

AIRCRAFT TYPE		Estimate of Number Active & Hours Flown	NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN IN EACH FLIGHT HOUR RANGE						
			1 - 50 Hours	51 - 100 Hours	101 - 150 Hours	151 - 200 Hours	201 - 300 Hours	301 - 400 Hours	
Fixed Wing									
Fixed Wing - Piston									
1 Eng: 1-3 Seats	Aircraft	36,366	23,543	6,609	1,593	1,109	1,050	1,498	
	Hours	2,756,086	530,789	481,680	200,814	208,475	266,029	557,458	
1 Eng: 4+ Seats	Aircraft	111,203	46,933	34,803	13,440	5,520	5,627	1,927	
	Hours	10,815,320	1,349,811	2,656,854	1,708,073	968,158	1,366,819	697,569	
1 Engine: Total	Aircraft	147,569	70,476	41,412	15,033	6,629	6,677	3,425	
	Hours	13,571,400	1,880,601	3,138,534	1,908,888	1,176,633	1,632,848	1,255,027	
2 Eng: 1-6 Seats	Aircraft	14,342	5,519	4,188	1,599	1,259	708	308	
	Hours	1,744,748	162,228	332,358	197,357	230,395	179,795	118,173	
2 Eng: 7+ Seats	Aircraft	4,996	913	1,226	1,027	455	498	320	
	Hours	941,323	24,712	106,178	137,244	86,792	131,384	108,600	
2 Engine: Total	Aircraft	19,337	6,432	5,414	2,626	1,714	1,205	628	
	Hours	2,686,070	186,940	438,535	334,602	317,187	311,178	226,773	
Piston: Total	Aircraft	166,907	76,908	46,826	17,660	8,343	7,882	4,053	
	Hours	16,257,472	2,067,540	3,577,068	2,243,490	1,493,820	1,944,026	1,481,800	



Table 2.7

**2007 GENERAL AVIATION AND AIR TAXI ACTIVE AIRCRAFT**  
**TOTAL FLIGHT HOURS BY NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN**  
**IN EACH FLIGHT HOUR RANGE BY AIRCRAFT TYPE**

AIRCRAFT TYPE		Estimate of Number Active & Hours Flown	NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN IN EACH FLIGHT HOUR RANGE						
			1 - 50 Hours	51 - 100 Hours	101 - 150 Hours	151 - 200 Hours	201 - 300 Hours	301 - 400 Hours	
Fixed Wing - Turboprop									
1 Engine: Total	Aircraft	4,059	388	628	569	379	589	478	
	Hours	1,117,957	12,507	51,809	73,914	68,541	149,892	173,695	
2 Eng: 1-12 Seats	Aircraft	4,567	397	695	670	662	875	438	
	Hours	1,214,623	12,209	56,859	88,071	122,349	225,277	157,203	
2 Eng: 13+ Seats	Aircraft	889	57	37	87	120	227	145	
	Hours	328,892	1,716	2,886	11,362	22,657	58,746	51,801	
2 Engine: Total	Aircraft	5,456	455	732	757	782	1,102	583	
	Hours	1,543,516	13,926	59,746	99,432	145,005	284,023	209,004	
Turboprop: Total	Aircraft	9,514	843	1,360	1,327	1,162	1,691	1,061	
	Hours	2,661,474	26,432	111,555	173,347	213,547	433,915	382,700	
Fixed Wing - Turbojet									
Turbojet: Total	Aircraft	10,385	369	777	763	971	1,759	2,383	
	Hours	3,938,218	10,690	61,507	100,528	178,781	454,292	853,190	
Fixed Wing: Total	Aircraft	186,806	78,119	48,963	19,749	10,476	11,332	7,498	
	Hours	22,857,168	2,104,662	3,750,130	2,517,364	1,886,148	2,832,232	2,717,690	

Table 2.7

**2007 GENERAL AVIATION AND AIR TAXI ACTIVE AIRCRAFT**  
**TOTAL FLIGHT HOURS BY NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN**  
**IN EACH FLIGHT HOUR RANGE BY AIRCRAFT TYPE**

AIRCRAFT TYPE		Estimate of Number Active & Hours Flown	NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN IN EACH FLIGHT HOUR RANGE						
			1 - 50 Hours	51 - 100 Hours	101 - 150 Hours	151 - 200 Hours	201 - 300 Hours	301 - 400 Hours	
Rotorcraft									
Piston	Aircraft	2,769	845	485	216	256	182	157	
	Hours	704,382	24,420	38,324	27,501	48,196	49,615	57,255	
1 Eng: Turbine	Aircraft	5,431	614	795	430	320	667	592	
	Hours	1,990,913	18,340	60,630	55,223	59,231	173,810	209,564	
Multi-Eng: Turbine	Aircraft	1,367	133	50	70	76	198	175	
	Hours	550,163	2,381	4,072	9,002	13,962	52,535	60,222	
Turbine: Total	Aircraft	6,798	748	845	500	396	865	767	
	Hours	2,541,076	20,721	64,702	64,226	73,193	226,345	269,786	
Rotorcraft: Total	Aircraft	9,567	1,592	1,331	716	652	1,047	924	
	Hours	3,245,456	45,141	103,026	91,727	121,389	275,960	327,041	
Other Aircraft									
Gliders	Aircraft	1,947	1,285	426	128	50	31	15	
	Hours	107,597	30,017	32,637	15,338	8,814	8,244	5,260	
Lighter-than-air	Aircraft	3,993	3,564	347	42	8	29	0	
	Hours	107,372	66,119	24,293	4,916	1,325	7,364	0	
Other Aircraft: Total	Aircraft	5,940	4,849	773	170	58	60	15	
	Hours	214,969	96,136	56,930	20,254	10,139	15,608	5,260	

Table 2.7

**2007 GENERAL AVIATION AND AIR TAXI ACTIVE AIRCRAFT**  
**TOTAL FLIGHT HOURS BY NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN**  
**IN EACH FLIGHT HOUR RANGE BY AIRCRAFT TYPE**

AIRCRAFT TYPE		Estimate of Number Active & Hours Flown	NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN IN EACH FLIGHT HOUR RANGE						
			1 - 50 Hours	51 - 100 Hours	101 - 150 Hours	151 - 200 Hours	201 - 300 Hours	301 - 400 Hours	
Experimental									
Amateur	Aircraft	19,538	13,828	4,132	1,070	268	145	19	
	Hours	896,487	319,702	304,558	138,328	47,880	36,608	6,831	
Exhibition	Aircraft	2,101	1,518	419	80	35	26	17	
	Hours	101,566	38,331	30,876	9,795	6,667	6,573	5,983	
Other	Aircraft	1,589	618	309	132	87	128	117	
	Hours	276,574	15,617	24,013	17,137	15,749	34,020	41,079	
Experimental: Total	Aircraft	23,228	15,963	4,860	1,283	390	300	153	
	Hours	1,274,627	373,651	359,448	165,260	70,297	77,201	53,894	
Light-sport	Aircraft	6,066	4,661	951	215	106	77	25	
	Hours	259,764	97,981	69,127	27,171	19,135	19,255	8,847	
Total All Aircraft	Aircraft	231,607	105,185	56,878	22,134	11,682	12,816	8,614	
	Hours	27,851,984	2,717,570	4,338,660	2,821,776	2,107,106	3,220,256	3,112,732	

## Table Notes:

Beginning in 2004, commuter activity is excluded from all estimates. 2003 and prior, commuter activity was included in the Air Taxi use category.

Table cells that are populated by a small number of aircraft may display relatively high standard errors for the corresponding estimates.

Estimates in these types of categories also may vary noticeably from year to year and should be interpreted with caution.

Columns may not add to totals due to rounding procedures.

Estimates of total hours flown includes hours from flight range categories ranging from '1-50 hours' to 'over 1600 hours'.

Note that the flight range hours are split across pages so that more detail can be reported.

Beginning in 2005, light-sport was added as an aircraft type.

Estimated number of light-sport aircraft has increased significantly in 2007 due to mandatory regulation process changes.

Table 2.7

**2007 GENERAL AVIATION AND AIR TAXI ACTIVE AIRCRAFT**  
**TOTAL FLIGHT HOURS BY NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN**  
**IN EACH FLIGHT HOUR RANGE BY AIRCRAFT TYPE**

AIRCRAFT TYPE		Estimate of Number Active & Hours Flown	NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN IN EACH FLIGHT HOUR RANGE					
			401 - 500 Hours	501 - 700 Hours	701 - 1000 Hours	1001- 1300 Hours	1301 - 1600 Hours	Over 1600 Hours
Fixed Wing								
Fixed Wing - Piston								
1 Eng: 1-3 Seats	Aircraft	36,366	485	448	24	2	0	5
	Hours	2,756,086	235,369	239,750	19,724	2,854	0	13,145
1 Eng: 4+ Seats	Aircraft	111,203	1,009	1,184	645	9	4	101
	Hours	10,815,320	478,688	707,927	569,264	11,447	6,110	294,597
1 Engine: Total	Aircraft	147,569	1,495	1,631	669	12	4	106
	Hours	13,571,400	714,057	947,677	588,988	14,301	6,110	307,741
2 Eng: 1-6 Seats	Aircraft	14,342	357	184	38	181	0	1
	Hours	1,744,748	172,716	107,607	32,446	207,405	0	4,270
2 Eng: 7+ Seats	Aircraft	4,996	179	308	34	29	0	7
	Hours	941,323	85,382	183,599	29,816	34,882	0	12,735
2 Engine: Total	Aircraft	19,337	536	491	73	210	0	8
	Hours	2,686,070	258,098	291,205	62,262	242,286	0	17,005
Piston: Total	Aircraft	166,907	2,031	2,123	742	221	4	114
	Hours	16,257,472	972,155	1,238,882	651,250	256,587	6,110	324,746

Table 2.7

**2007 GENERAL AVIATION AND AIR TAXI ACTIVE AIRCRAFT**  
**TOTAL FLIGHT HOURS BY NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN**  
**IN EACH FLIGHT HOUR RANGE BY AIRCRAFT TYPE**

AIRCRAFT TYPE		Estimate of Number Active & Hours Flown	NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN IN EACH FLIGHT HOUR RANGE						
			401 - 500 Hours	501 - 700 Hours	701 - 1000 Hours	1001- 1300 Hours	1301 - 1600 Hours	Over 1600 Hours	
Fixed Wing - Turboprop									
1 Engine: Total	Aircraft	4,059	549	324	109	42	0	4	
	Hours	1,117,957	249,925	190,527	89,979	50,319	0	6,848	
2 Eng: 1-12 Seats	Aircraft	4,567	226	472	88	5	9	29	
	Hours	1,214,623	104,534	272,372	69,288	6,230	12,314	87,917	
2 Eng: 13+ Seats	Aircraft	889	123	51	14	0	0	27	
	Hours	328,892	57,521	29,650	11,606	0	0	80,946	
2 Engine: Total	Aircraft	5,456	349	523	102	5	9	56	
	Hours	1,543,516	162,056	302,022	80,894	6,230	12,314	168,864	
Turboprop: Total	Aircraft	9,514	897	847	211	47	9	60	
	Hours	2,661,474	411,981	492,550	170,873	56,550	12,314	175,712	
Fixed Wing - Turbojet									
Turbojet: Total	Aircraft	10,385	1,114	939	1,152	16	84	58	
	Hours	3,938,218	505,292	533,876	966,827	16,539	116,019	140,678	
Fixed Wing: Total	Aircraft	186,806	4,043	3,909	2,105	284	97	232	
	Hours	22,857,168	1,889,427	2,265,308	1,788,950	329,676	134,443	641,136	

Table 2.7

**2007 GENERAL AVIATION AND AIR TAXI ACTIVE AIRCRAFT**  
**TOTAL FLIGHT HOURS BY NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN**  
**IN EACH FLIGHT HOUR RANGE BY AIRCRAFT TYPE**

AIRCRAFT TYPE		Estimate of Number Active & Hours Flown	NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN IN EACH FLIGHT HOUR RANGE						
			401 - 500 Hours	501 - 700 Hours	701 - 1000 Hours	1001- 1300 Hours	1301 - 1600 Hours	Over 1600 Hours	
Rotorcraft									
Piston	Aircraft	2,769	164	126	267	67	0	3	
	Hours	704,382	76,159	73,211	218,866	82,525	0	8,308	
1 Eng: Turbine	Aircraft	5,431	522	754	453	179	80	24	
	Hours	1,990,913	235,770	434,205	374,893	192,651	115,489	61,109	
Multi-Eng: Turbine	Aircraft	1,367	200	357	91	0	3	12	
	Hours	550,163	87,809	201,984	78,675	0	4,787	34,734	
Turbine: Total	Aircraft	6,798	722	1,112	544	179	83	36	
	Hours	2,541,076	323,578	636,189	453,568	192,651	120,276	95,843	
Rotorcraft: Total	Aircraft	9,567	887	1,238	811	247	83	39	
	Hours	3,245,456	399,738	709,400	672,434	275,176	120,276	104,151	
Other Aircraft									
Gliders	Aircraft	1,947	3	4	5	0	0	0	
	Hours	107,597	1,051	2,166	4,070	0	0	0	
Lighter-than-air	Aircraft	3,993	0	0	0	3	0	0	
	Hours	107,372	0	0	0	3,354	0	0	
Other aircraft: Total	Aircraft	5,940	3	4	5	3	0	0	
	Hours	214,969	1,051	2,166	4,070	3,354	0	0	

Table 2.7

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**IN EACH FLIGHT HOUR RANGE BY AIRCRAFT TYPE**

AIRCRAFT TYPE		Estimate of Number Active & Hours Flown	NUMBER OF AIRCRAFT AND TOTAL HOURS FLOWN IN EACH FLIGHT HOUR RANGE					
			401 - 500 Hours	501 - 700 Hours	701 - 1000 Hours	1001- 1300 Hours	1301 - 1600 Hours	Over 1600 Hours
Experimental								
Amateur	Aircraft	19,538	51	12	10	0	0	2
	Hours	896,487	23,309	7,143	9,007	0	0	3,121
Exhibition	Aircraft	2,101	4	2	0	0	0	0
	Hours	101,566	1,986	1,355	0	0	0	0
Other	Aircraft	1,589	82	63	39	7	5	3
	Hours	276,574	37,289	37,583	31,203	7,589	6,347	8,946
Experimental: Total	Aircraft	23,228	137	77	49	7	5	5
	Hours	1,274,627	62,584	46,080	40,209	7,589	6,347	12,067
Light-sport	Aircraft	6,066	18	10	2	2	0	0
	Hours	259,764	8,920	5,843	1,384	2,103	0	0
Total All Aircraft	Aircraft	231,607	5,087	5,238	2,971	542	185	276
	Hours	27,851,984	2,361,720	3,028,796	2,507,046	617,897	261,067	757,355

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