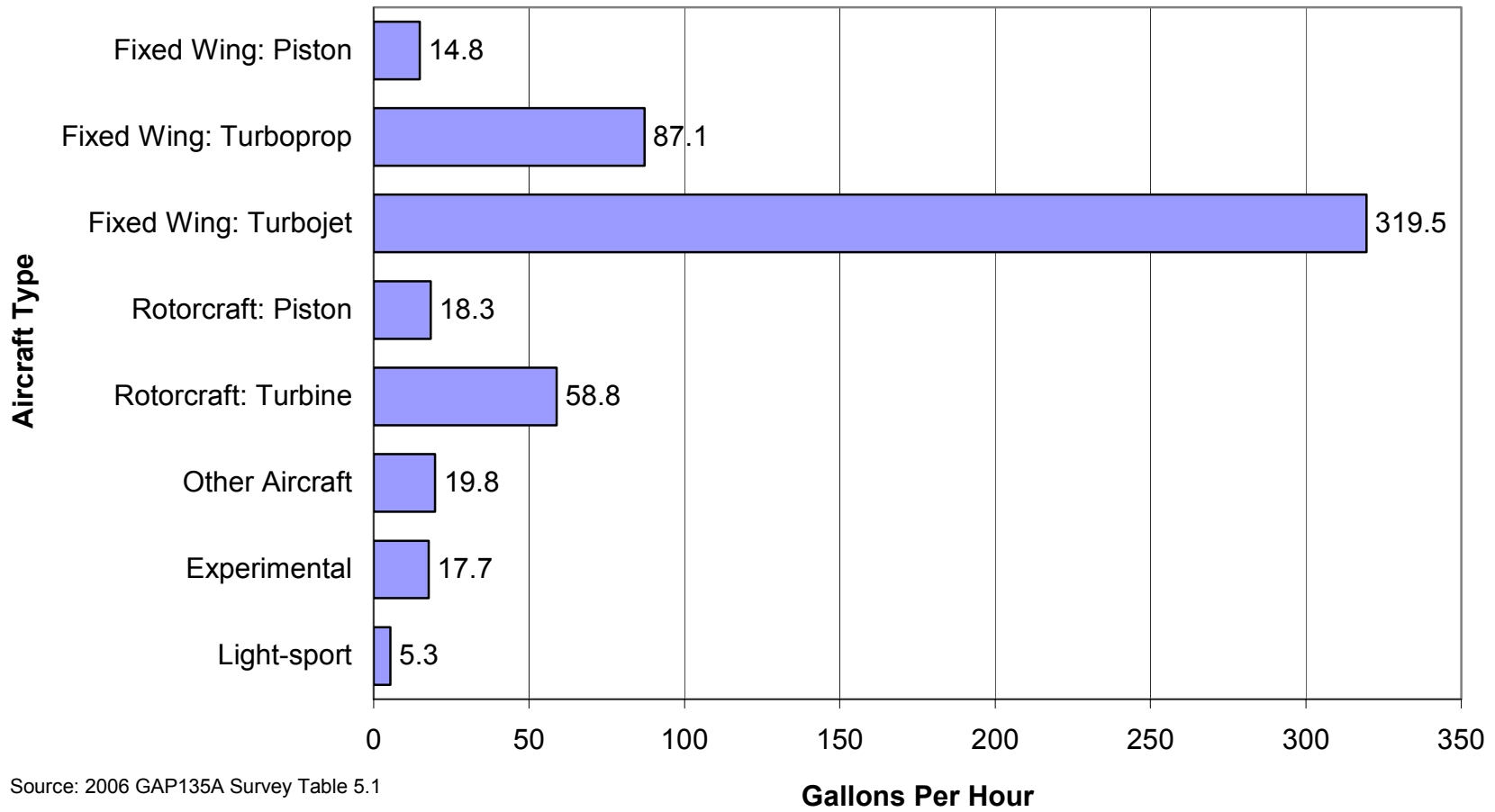


Chart 8
2006 Average Fuel Consumption Rates by Aircraft Type



Source: 2006 GAP135A Survey Table 5.1

Table 5.1
(revised)

2006 GENERAL AVIATION AND AIR TAXI *TOTAL FUEL CONSUMED AND AVERAGE FUEL CONSUMPTION RATE* BY AIRCRAFT TYPE

AIRCRAFT TYPE	Jet Fuel			Aviation Fuel: 100-Low Lead			Aviation Fuel: 100 Octane		
	Average Rate GPH	Estimated Fuel Use (thous gal)	Percent Standard Error	Average Rate GPH	Estimated Fuel Use (thous gal)	Percent Standard Error	Average Rate GPH	Estimated Fuel Use (thous gal)	Percent Standard Error
Fixed Wing: Piston	41.1	7,951.9	13.4	15.2	246,017.1	2.5	14.7	14,296.2	7.1
Fixed Wing: Turboprop	88.6	188,874.2	1.7	37.4	1,053.4	17.4	43.7	91.5	46.1
Fixed Wing: Turbojet	320.1	1,262,213.8	1.1	82.9	440.4	29.4	*	*	*
Rotorcraft: Piston	30.4	410.6	16.0	18.5	13,455.7	24.9	11.4	572.0	12.7
Rotorcraft: Turbine	58.7	150,003.8	2.7	64.3	6,498.9	28.9	17.0	2.1	0.0
Other Aircraft	*	*	*	10.0	1.0	0.0	*	*	*
Experimental	183.7	26,888.9	11.9	12.9	11,363.6	11.5	13.0	826.7	7.9
Light-sport	*	*	*	5.2	57.2	5.6	6.0	3.5	18.9
Total All Aircraft	178.3	1,636,343.3	1.1	15.2	278,887.4	3.9	14.5	15,791.9	5.9

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.

An asterisk indicates no active aircraft of that type reporting use of the fuel.

Note that the fuel types are split across pages so that more detail can be reported.

Table 5.1
(revised)

2006 GENERAL AVIATION AND AIR TAXI *TOTAL FUEL CONSUMED AND AVERAGE FUEL CONSUMPTION RATE* BY AIRCRAFT TYPE

AIRCRAFT TYPE	Automotive Gasoline			Other Fuel			Total Fuel Use		
	Average Rate GPH	Estimated Fuel Use (thous gal)	Percent Standard Error	Average Rate GPH	Estimated Fuel Use (thous gal)	Percent Standard Error	Average Rate GPH	Estimated Fuel Use (thous gal)	Percent Standard Error
Fixed Wing: Piston	8.4	5,019.9	8.7	8.5	2.4	24.6	14.8	273,287.6	2.4
Fixed Wing: Turboprop	*	*	*	*	*	*	87.1	190,019.1	1.7
Fixed Wing: Turbojet	*	*	*	*	*	*	319.5	1,262,654.1	1.1
Rotorcraft: Piston	10.1	59.5	42.0	*	*	*	18.3	14,497.9	23.3
Rotorcraft: Turbine	*	*	*	*	*	*	58.8	156,504.8	2.8
Other Aircraft	7.0	30.1	0.0	19.9	2,307.0	6.7	19.8	2,338.1	6.7
Experimental	6.3	1,438.3	7.1	14.2	74.6	19.7	17.7	40,592.1	10.7
Light-sport	5.3	301.3	7.2	4.0	0.3	36.1	5.3	362.3	6.1
Total All Aircraft	7.6	6,849.2	4.3	19.4	2,384.3	6.5	33.5	1,940,256.0	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.

An asterisk indicates no active aircraft of that type reporting use of the fuel.

Note that the fuel types are split across pages so that more detail can be reported.