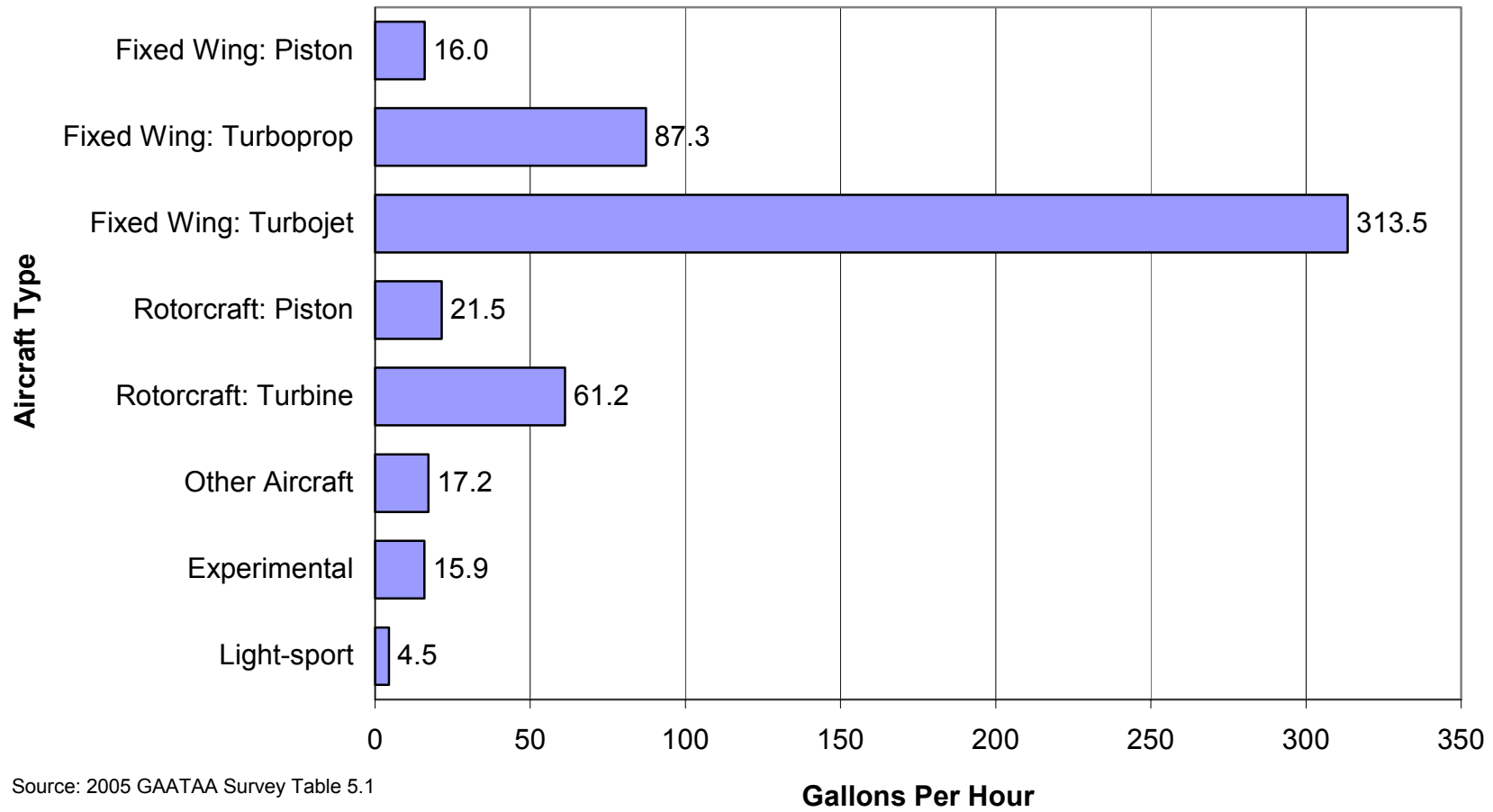


Chart 8
2005 Average Fuel Consumption Rates by Aircraft Type



Source: 2005 GAATAA Survey Table 5.1

Table 5.1

**2005 GENERAL AVIATION *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	49.9	17,201.7	7.0	15.9	269,847.3	7.2	19.6	26,910.5	8.9
Fixed Wing: Turboprop	93.6	180,624.2	1.7	24.7	1,902.1	7.6	35.3	136.1	15.1
Fixed Wing: Turbojet	313.7	1,136,826.8	1.1	267.3	809.1	32.3	211.0	526.4	18.3
Rotorcraft: Piston	28.4	369.4	22.1	22.0	11,774.7	14.0	13.9	392.0	16.9
Rotorcraft: Turbine	62.7	141,013.4	4.3	31.8	1,292.8	19.2	12.9	7.3	21.6
Other Aircraft	*	*	*	11.3	260.1	23.0	*	*	*
Experimental	166.1	31,407.3	15.8	11.2	8,976.6	5.6	16.9	805.2	63.1
Light-sport	*	*	*	5.1	7.7	9.3	5.0	0.6	16.3
Total All Aircraft	175.9	1,507,442.8	1.2	15.7	294,870.4	6.5	19.5	28,778.0	8.6

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.

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

**2005 GENERAL AVIATION *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	10.5	8,794.6	8.4	7.0	35.7	65.6	16.0	322,789.8	6.1
Fixed Wing: Turboprop	47.7	4.7	36.6	62.0	119.9	7.2	87.3	182,786.9	1.7
Fixed Wing: Turbojet	*	*	*	*	*	*	313.5	1,138,162.3	1.1
Rotorcraft: Piston	9.7	98.4	44.8	*	*	*	21.5	12,634.4	13.1
Rotorcraft: Turbine	*	*	*	*	*	*	61.2	142,313.5	4.3
Other Aircraft	6.0	9.0	0.0	17.3	2,295.3	8.4	17.2	2,564.4	10.5
Experimental	5.8	1,671.0	8.7	17.5	431.5	97.7	15.9	43,291.5	22.2
Light-sport	4.4	33.2	7.4	*	*	*	4.5	41.5	6.2
Total All Aircraft	8.9	10,610.8	7.5	17.0	2,882.4	17.4	33.1	1,844,584.5	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.

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.