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## INDIANAPOLIS 500 – WINNING ENGINES

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<u>Engine</u>	<u>Wins</u>	<u>Years</u>
Offenhauser	27	1935, 37, 41, 47-64, 68, 72-76
Miller	12	1922-23, 26, 28-34, 36, 38
Cosworth	10	1978-87
Ford	8	1965-67, 69-71, 95-96
Chevy	7	1988-93, 2002
Honda	6	2004-09
Oldsmobile (incl. Aurora)	5	1997-2001
Peugeot	3	1913, 16, 19
Duesenberg	3	1924-25, 27
Frontenac	2	1920-21
Maserati	2	1939-40
Mercedes	2	1915, 94
Marmon	1	1911
National	1	1912
Delage	1	1914
Sparks	1	1946
Foyt	1	1977
Toyota	1	2003

- **Number of wins with eight-cylinder engines:** 54 (last victory: Helio Castroneves, 2009)
- **Number of wins with six-cylinder engines:** 2 (last victory: George Robson, 1946)
- **Number of wins with four-cylinder engines:** 37 (last victory: Johnny Rutherford, 1976)

### **BROKEN BARRIERS (10-MPH INCREMENTS) WINNER'S AVERAGE SPEED FOR 500 MILES**

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<u>Barrier</u>	<u>Winner, Engine (speed, year)</u>
70 mph .....	Ray Harroun, Marmon (74.602 mph, 1911)
80 mph .....	Rene Thomas, Delage (82.474 mph, 1914)
90 mph .....	Jimmy Murphy, Miller (94.484 mph, 1922)
100 mph .....	Peter DePaolo, Duesenberg (101.127 mph, 1925)
110 mph .....	Wilbur Shaw, Offenhauser (113.580 mph, 1937)
120 mph .....	Bill Holland, Offenhauser (121.327 mph, 1949)
130 mph .....	Bill Vukovich, Offenhauser (130.840 mph, 1954)
140 mph .....	Rodger Ward, Offenhauser (140.923 mph, 1962)
150 mph .....	Jim Clark, Ford (150.686 mph, 1965)
160 mph .....	Mark Donohue, Offenhauser (162.962 mph, 1972)
170 mph .....	Bobby Rahal, Cosworth (170.722 mph, 1986)
180 mph .....	Arie Luyendyk, Chevy Indy (185.981 mph, 1990)