

Best Picture winners: ordered from most to least surprising

Year	Actual Winner	Prob	Predicted Winner	Prob	Ratio
1949	Hamlet	0.01	Johnny Belinda	0.97	0.01
2005	Million Dollar Baby	0.01	The Aviator	0.97	0.01
1982	Chariots of Fire	0.01	Reds	0.88	0.01
2017	Moonlight	0.02	La La Land	0.97	0.02
1968	In the Heat of the Night	0.02	The Graduate	0.94	0.02
1957	Around the World in 80 Days	0.02	The King and I	0.82	0.02
1952	An American in Paris	0.02	A Place in the Sun	0.76	0.03
2020	Parasite	0.02	1917	0.71	0.03
2006	Crash	0.03	Brokeback Mountain	0.91	0.03
1944	Casablanca	0.03	The Song Of Bernadette	0.90	0.03
1999	Shakespeare in Love	0.10	Saving Private Ryan	0.89	0.11
2016	Spotlight	0.06	The Revenant	0.56	0.11
1953	The Greatest Show on Earth	0.07	The Quiet Man	0.53	0.13
1993	Unforgiven	0.10	The Crying Game	0.72	0.14
2007	The Departed	0.10	Babel	0.69	0.14
1969	Oliver!	0.13	The Lion in Winter	0.77	0.17
1978	Annie Hall	0.13	The Turning Point	0.58	0.22
2013	Argo	0.17	Lincoln	0.37	0.46
1942	How Green Was My Valley	0.21	Sergeant York	0.42	0.50
2002	A Beautiful Mind	0.23	The Fellowship of the Ring	0.40	0.58
1970	Midnight Cowboy	0.35	Anne of the Thousand Days	0.49	0.71
1996	Braveheart	0.30	Apollo 13	0.40	0.75
1946	The Lost Weekend	0.33	The Bells Of St. Mary's	0.44	0.75
2019	Green Book	0.20	The Favourite	0.22	0.91
1974	The Sting	0.46	The Exorcist	0.49	0.94
1939	You Can't Take It With You	0.30	You Can't Take It With You	0.30	1.00
1945	Going My Way	0.37	Going My Way	0.37	1.00
1986	Out of Africa	0.44	Out of Africa	0.44	1.00
1951	All About Eve	0.47	All About Eve	0.47	1.00
2015	Birdman	0.51	Birdman	0.51	1.00
1950	All the King's Men	0.50	All the King's Men	0.50	1.00
1992	The Silence of the Lambs	0.55	The Silence of the Lambs	0.55	1.00
1975	The Godfather Part II	0.58	The Godfather Part II	0.58	1.00
2009	Slumdog Millionaire	0.59	Slumdog Millionaire	0.59	1.00
1990	Driving Miss Daisy	0.59	Driving Miss Daisy	0.59	1.00
1971	Patton	0.60	Patton	0.60	1.00
1947	The Best Years Of Our Lives	0.62	The Best Years Of Our Lives	0.62	1.00
1958	The Bridge On the River Kwai	0.64	The Bridge On the River Kwai	0.64	1.00
2014	12 Years a Slave	0.67	12 Years a Slave	0.67	1.00
1979	The Deer Hunter	0.69	The Deer Hunter	0.69	1.00
2008	No Country for Old Men	0.70	No Country for Old Men	0.70	1.00
1973	The Godfather	0.73	The Godfather	0.73	1.00
1956	Marty	0.75	Marty	0.75	1.00
1972	The French Connection	0.76	The French Connection	0.76	1.00
1967	A Man For All Seasons	0.76	A Man For All Seasons	0.76	1.00
2010	The Hurt Locker	0.78	The Hurt Locker	0.78	1.00
1983	Gandhi	0.78	Gandhi	0.78	1.00
1943	Mrs. Miniver	0.80	Mrs. Miniver	0.80	1.00
1959	Gigi	0.81	Gigi	0.81	1.00

1940	Gone With the Wind	0.81	Gone With the Wind	0.81	1.00
2021	Nomadland	0.83	Nomadland	0.83	1.00
1981	Ordinary People	0.83	Ordinary People	0.83	1.00
1954	From Here to Eternity	0.83	From Here to Eternity	0.83	1.00
2011	The King's Speech	0.84	The King's Speech	0.84	1.00
2000	American Beauty	0.85	American Beauty	0.85	1.00
1941	Rebecca	0.87	Rebecca	0.87	1.00
2018	The Shape of Water	0.88	The Shape of Water	0.88	1.00
1948	Gentleman's Agreement	0.88	Gentleman's Agreement	0.88	1.00
1987	Platoon	0.89	Platoon	0.89	1.00
2012	The Artist	0.89	The Artist	0.89	1.00
1989	Rain Man	0.92	Rain Man	0.92	1.00
1963	Lawrence of Arabia	0.92	Lawrence of Arabia	0.92	1.00
1977	Rocky	0.93	Rocky	0.93	1.00
1965	My Fair Lady	0.93	My Fair Lady	0.93	1.00
2004	The Return of the King	0.94	The Return of the King	0.94	1.00
1980	Kramer vs. Kramer	0.94	Kramer vs. Kramer	0.94	1.00
1966	The Sound of Music	0.94	The Sound of Music	0.94	1.00
2003	Chicago	0.95	Chicago	0.95	1.00
1985	Amadeus	0.96	Amadeus	0.96	1.00
1976	One Flew Over the Cuckoo's Nest	0.96	One Flew Over the Cuckoo's Nest	0.96	1.00
1955	On the Waterfront	0.96	On the Waterfront	0.96	1.00
2001	Gladiator	0.97	Gladiator	0.97	1.00
1994	Schindler's List	0.97	Schindler's List	0.97	1.00
1988	The Last Emperor	0.97	The Last Emperor	0.97	1.00
1960	Ben-Hur	0.97	Ben-Hur	0.97	1.00
1998	Titanic	0.98	Titanic	0.98	1.00
1997	The English Patient	0.98	The English Patient	0.98	1.00
1991	Dances With Wolves	0.98	Dances With Wolves	0.98	1.00
1962	West Side Story	0.98	West Side Story	0.98	1.00
1995	Forrest Gump	0.99	Forrest Gump	0.99	1.00
1984	Terms of Endearment	0.99	Terms of Endearment	0.99	1.00
1964	Tom Jones	0.99	Tom Jones	0.99	1.00
1961	The Apartment	0.99	The Apartment	0.99	1.00