

# Formula 1 World Champions

	Titles won	Champion	Team	Wins (Poles)	Races	Wins (Poles)	Runner-up	Team	
1950	1	Nino Farina	Alfa Romeo	3 (2)		3 (4)	Juan Fangio	Alfa Romeo	1950
1951	5	Juan Fangio	Alfa Romeo	3 (5)		2 (2)	Alberto Ascari	Ferrari	1951
1952	2	Alberto Ascari	Ferrari	6 (5)		0 (2)	Nino Farina	Ferrari	1952
1953		Alberto Ascari	Ferrari	5 (6)		1 (2)	Juan Fangio	Maserati	1953
1954		Juan Fangio	Mercedes	6 (5)		1 (1)	Jos. Froil. n Gonz. lez	Ferrari	1954
1955		Juan Fangio	Mercedes	4 (3)		1 (1)	Stirling Moss	Mercedes	1955
1956		Juan Fangio	Ferrari	3 (7)		2 (1)	Stirling Moss	Maserati	1956
1957		Juan Fangio	Maserati	4 (4)		3 (3)	Stirling Moss	Vanwall	1957
1958	1	Mike Hawthorn	Ferrari	1 (4)		4 (3)	Stirling Moss	Vanwall	1958
1959	3	Jack Brabham	Cooper-Climax	2 (1)		2 (2)	Tony Brooks	Ferrari	1959
1960		Jack Brabham	Cooper-Climax	5 (3)		1 (0)	Bruce McLaren	Cooper-Climax	1960
1961	1	Phil Hill	Ferrari	2 (5)		2 (1)	Wolfgang von Trips	Ferrari	1961
1962	2	Graham Hill	BRM	4 (1)		3 (6)	Jim Clark	Lotus-Climax	1962
1963	2	Jim Clark	Lotus-Climax	7 (7)		2 (2)	Graham Hill	BRM	1963
1964	1	John Surtees	Ferrari	2 (2)		2 (1)	Graham Hill	BRM	1964
1965		Jim Clark	Lotus-Climax	6 (6)		2 (4)	Graham Hill	BRM	1965
1966		Jack Brabham	Brabham-Repco	4 (3)		2 (2)	John Surtees	Cooper-Maserati	1966
1967	1	Denny Hulme	Brabham-Repco	2 (0)		2 (2)	Jack Brabham	Brabham-Repco	1967
1968		Graham Hill	Lotus-Ford	3 (2)		3 (0)	Jackie Stewart	Matra-Ford	1968
1969	3	Jackie Stewart	Matra-Ford	6 (2)		2 (2)	Jacky Ickx	Brabham-Ford	1969
1970	1	Jochen Rindt	Team Lotus	5 (3)		3 (4)	Jacky Ickx	Ferrari	1970
1971		Jackie Stewart	Tyrrell	6 (6)		0 (0)	Ronnie Peterson	March-Ford	1971
1972	2	Emerson Fittipaldi	Team Lotus	5 (3)		4 (2)	Jackie Stewart	Tyrrell	1972
1973		Jackie Stewart	Tyrrell	5 (3)		3 (1)	Emerson Fittipaldi	Team Lotus	1973
1974		Emerson Fittipaldi	McLaren	3 (2)		1 (1)	Clay Regazzoni	Ferrari	1974
1975	3	Niki Lauda	Ferrari	5 (9)		2 (0)	Emerson Fittipaldi	McLaren	1975
1976	1	James Hunt	McLaren	6 (8)		5 (3)	Niki Lauda	Ferrari	1976
1977		Niki Lauda	Ferrari	3 (2)		3 (1)	Jody Scheckter	Wolf	1977
1978	1	Mario Andretti	Team Lotus	6 (8)		2 (3)	Ronnie Peterson	Team Lotus	1978
1979	1	Jody Scheckter	Ferrari	3 (1)		3 (1)	Gilles Villeneuve	Ferrari	1979
1980	1	Alan Jones	Williams	5 (3)		3 (2)	Nelson Piquet	Brabham	1980
1981	3	Nelson Piquet	Brabham	3 (4)		2 (2)	Carlos Reutemann	Williams	1981
1982	1	Keke Rosberg	Williams	1 (1)		2 (2)	Didier Pironi	Ferrari	1982
1983		Nelson Piquet	Brabham	3 (1)		4 (3)	Alain Prost	Renault	1983
1984		Niki Lauda	McLaren	5 (0)		7 (3)	Alain Prost	McLaren	1984
1985	4	Alain Prost	McLaren	5 (2)		2 (1)	Michele Alboreto	Ferrari	1985
1986		Alain Prost	McLaren	4 (1)		5 (2)	Nigel Mansell	Williams	1986
1987		Nelson Piquet	Williams	3 (4)		6 (8)	Nigel Mansell	Williams	1987
1988	3	Ayrton Senna	McLaren	8 (13)		7 (2)	Alain Prost	McLaren	1988
1989		Alain Prost	McLaren	4 (2)		6 (13)	Ayrton Senna	McLaren	1989
1990		Ayrton Senna	McLaren	6 (10)		5 (0)	Alain Prost	Ferrari	1990
1991		Ayrton Senna	McLaren	7 (8)		5 (2)	Nigel Mansell	Williams	1991
1992	1	Nigel Mansell	Williams	9 (14)		1 (1)	Riccardo Patrese	Williams	1992
1993		Alain Prost	Williams	7 (13)		5 (1)	Ayrton Senna	McLaren	1993
1994	7	Michael Schumacher	Benetton	8 (6)		6 (2)	Damon Hill	Williams	1994
1995		Michael Schumacher	Benetton	9 (4)		4 (7)	Damon Hill	Williams	1995
1996	1	Damon Hill	Williams	8 (9)		4 (3)	Jacques Villeneuve	Williams	1996
1997	1	Jacques Villeneuve	Williams	7 (10)		1 (1)	Heinz-Harald Frentzen	Williams	1997
1998	2	Mika H. kkinen	McLaren	8 (9)		6 (3)	Michael Schumacher	Ferrari	1998
1999		Mika H. kkinen	McLaren	5 (11)		4 (0)	Eddie Irvine	Ferrari	1999
2000		Michael Schumacher	Ferrari	9 (9)		4 (5)	Mika H. kkinen	McLaren	2000
2001		Michael Schumacher	Ferrari	9 (11)		2 (2)	David Coulthard	McLaren	2001
2002		Michael Schumacher	Ferrari	11 (7)		4 (3)	Rubens Barrichello	Ferrari	2002
2003		Michael Schumacher	Ferrari	6 (5)		1 (2)	Kimi R. ikk. nen	McLaren	2003
2004		Michael Schumacher	Ferrari	13 (8)		2 (4)	Rubens Barrichello	Ferrari	2004
2005	2	Fernando Alonso	Renault	7 (6)		7 (5)	Kimi R. ikk. nen	McLaren	2005
2006		Fernando Alonso	Renault	7 (6)		7 (4)	Michael Schumacher	Ferrari	2006
2007	1	Kimi R. ikk. nen	Ferrari	6 (3)		4 (6)	Lewis Hamilton	McLaren	2007
2008	7	Lewis Hamilton	McLaren	5 (7)		6 (6)	Felipe Massa	Ferrari	2008
2009	1	Jenson Button	Brawn	6 (4)		4 (4)	Sebastian Vettel	Red Bull	2009
2010	4	Sebastian Vettel	Red Bull	5 (10)		5 (2)	Fernando Alonso	Ferrari	2010
2011		Sebastian Vettel	Red Bull	11 (15)		3 (0)	Jenson Button	McLaren	2011
2012		Sebastian Vettel	Red Bull	5 (6)		3 (2)	Fernando Alonso	Ferrari	2012
2013		Sebastian Vettel	Red Bull	13 (9)		2 (0)	Fernando Alonso	Ferrari	2013
2014		Lewis Hamilton	Mercedes	11 (7)		5 (11)	Nico Rosberg	Mercedes	2014
2015		Lewis Hamilton	Mercedes	10 (11)		6 (7)	Nico Rosberg	Mercedes	2015
2016	1	Nico Rosberg	Mercedes	9 (8)		10 (12)	Lewis Hamilton	Mercedes	2016
2017		Lewis Hamilton	Mercedes	9 (11)		5 (4)	Sebastian Vettel	Ferrari	2017
2018		Lewis Hamilton	Mercedes	11 (11)		5 (5)	Sebastian Vettel	Ferrari	2018
2019		Lewis Hamilton	Mercedes	11 (5)		4 (5)	Valtteri Bottas	Mercedes	2019
2020		Lewis Hamilton	Mercedes	11 (10)		2 (5)	Valtteri Bottas	Mercedes	2020

## Data notes

### Multiple P1 entries for some races

These races have more than one entry in `results.csv` for pole-sitter (`grid = 1`):

	raceId	polesitterId
1	717	374
2	717	373
3	780	479
4	785	608
5	791	608
6	792	642
7	792	427
8	814	633
9	815	697
10	824	475
11	828	786

The reasons are kind of wild. See for example:

- Race ID 792: [https://en.wikipedia.org/wiki/1955\\_Argentine\\_Grand\\_Prix](https://en.wikipedia.org/wiki/1955_Argentine_Grand_Prix)
- Race ID 717: [https://en.wikipedia.org/wiki/1964\\_United\\_States\\_Grand\\_Prix](https://en.wikipedia.org/wiki/1964_United_States_Grand_Prix)

### Pole position based on starting grid

The dataset does not contain qualy times for over half of all the 1000+ races. I am using starting grid position P1 instead.

## TODO

- Monospace font
- Special characters not rendered (as in “Räikkönen”)
- Legend
- Race numbers (maybe)

## Credit

Inspired by <https://github.com/gkaramanis/tidytuesday/tree/master/2020/2020-week15>.