# Formula 1 World Champions 1950-2021

	Title won	sChampion	Team		ns ole	Races s)		ins Pole	Runner-up s)	Team	
50 +	1	Nino Farina	Alfa Romeo	3	(2)		3	(4)	Juan Fangio	Alfa Romeo	1950
51	5	Juan Fangio	Alfa Romeo	3	(5)		2	(2)	Alberto Ascari	Ferrari	195
52	2	Alberto Ascari	Ferrari	6	(5)		0	(2)	Nino Farina	Ferrari	195
53		Alberto Ascari	Ferrari	5	(6)		1	(2)	Juan Fangio	Maserati	195
54		Juan Fangio	Mercedes	6	(5)		1	(1)	José Froilán Gonzále		195
55		Juan Fangio	Mercedes	4	(3)		1	(1)	Stirling Moss	Mercedes	195
56		Juan Fangio	Ferrari	3	(7)		2	(1)	Stirling Moss	Maserati	195
57		Juan Fangio	Maserati	4	(4)	• • • • • • • •	3	(3)	Stirling Moss	Vanwall	195
58	1	Mike Hawthorn	Ferrari	1	(4)		4	(3)	Stirling Moss	Vanwall	195
59	3	Jack Brabham	Cooper-Climax	2	(1)		2	(2)	Tony Brooks	Ferrari	195
60	2	Jack Brabham	Cooper-Climax	5	(3)		1	(0)	Bruce McLaren		1960
	1			2		• 00000 •	2			Cooper-Climax	1
61		Phil Hill Graham Hill	Ferrari	_	(5)		_	(1)	Wolfgang von Trips	Ferrari	1963
62	2		BRM Lotus-Climax	7	(1)		3	(6) (2)	Jim Clark Graham Hill	Lotus-Climax	196
63	2	Jim Clark		2	(7)		_			BRM	
64	1	John Surtees	Ferrari		(2)		2	(1)	Graham Hill	BRM	1964
65		Jim Clark	Lotus-Climax	6	(6)		2	(4)	Graham Hill	BRM	196
66		Jack Brabham	Brabham-Repco	4	(3)		2	(2)	John Surtees	Cooper-Maserat	1
67	1	Denny Hulme	Brabham-Repco	2	(0)		2	(2)	Jack Brabham	Brabham-Repco	196
86		Graham Hill	Lotus-Ford	3	(2)		3	(0)	Jackie Stewart	Matra-Ford	196
69	3	Jackie Stewart	Matra-Ford	6	(2)		2	(2)	Jacky Ickx	Brabham-Ford	196
70	1	Jochen Rindt	Team Lotus	5	(3)		3	(4)	Jacky Ickx	Ferrari	1970
71		Jackie Stewart	Tyrrell	6	(6)		0	(0)	Ronnie Peterson	March-Ford	197
72	2	Emerson Fittipaldi	Team Lotus	5	(3)		4	(2)	Jackie Stewart	Tyrrell	1972
73		Jackie Stewart	Tyrrell	5	(3)		3	(1)	Emerson Fittipaldi	Team Lotus	1973
74		Emerson Fittipaldi	McLaren	3	(2)		1	(1)	Clay Regazzoni	Ferrari	1974
75	3	Niki Lauda	Ferrari	5	(9)		2	(0)	Emerson Fittipaldi	McLaren	1975
76	1	James Hunt	McLaren	6	(8)		5	(3)	Niki Lauda	Ferrari	1976
77		Niki Lauda	Ferrari	3	(2)		3	(1)	Jody Scheckter	Wolf	1977
78	1	Mario Andretti	Team Lotus	6	(8)		2	(3)	Ronnie Peterson	Team Lotus	1978
79	1	Jody Scheckter	Ferrari	3	(1)		3	(1)	Gilles Villeneuve	Ferrari	1979
80	1	Alan Jones	Williams	5	(3)		3	(2)	Nelson Piquet	Brabham	1986
81	3	Nelson Piquet	Brabham	3	(4)		2	(2)	Carlos Reutemann	Williams	1981
82	1	Keke Rosberg	Williams	1	(1)		2	(2)	Didier Pironi	Ferrari	1982
83		Nelson Piquet	Brabham	3	(1)		4	(3)	Alain Prost	Renault	1983
84		Niki Lauda	McLaren	5	(0)	•••••	7	(3)	Alain Prost	McLaren	1984
85	4	Alain Prost	McLaren	5	(2)		2	(1)	Michele Alboreto	Ferrari	1985
86		Alain Prost	McLaren	4	(1)		5	(2)	Nigel Mansell	Williams	1986
87		Nelson Piquet	Williams	3	(4)		6	(8)	Nigel Mansell	Williams	1987
88	3	Ayrton Senna	McLaren	8		000000 • 0000 • 000	7	(2)	Alain Prost	McLaren	1988
89	Ū	Alain Prost	McLaren	4	(2)		6	(13)	Ayrton Senna	McLaren	1989
90		Ayrton Senna	McLaren	6			5	(0)	Alain Prost	Ferrari	1996
91		Ayrton Senna	McLaren	7	(8)		5	(2)	Nigel Mansell	Williams	1991
92	1	Nigel Mansell		9		000000000000000000000000000000000000000	1	(1)	Riccardo Patrese	Williams	1992
		-	Williams				5				1992
93	7	Alain Prost	Williams	7			_	(1)	Ayrton Senna	McLaren	
94	7	Michael Schumacher	Benetton	8	(6)		6	(2)	Damon Hill	Williams	1994
95		Michael Schumacher	Benetton	9	(4)		4	(7)	Damon Hill	Williams	1995
96	1	Damon Hill	Williams	8	(9)		4	(3)	Jacques Villeneuve	Williams	1996
97	1	Jacques Villeneuve	Williams	7			1	(1)	Heinz-Harald Frentze		1997
98	2	Mika Häkkinen	McLaren	8	(9)		6	(3)	Michael Schumacher	Ferrari	1998
99		Mika Häkkinen	McLaren	5			4	(0)	Eddie Irvine	Ferrari	1999
100		Michael Schumacher	Ferrari	9	(9)		4	(5)	Mika Häkkinen	McLaren	2000
001		Michael Schumacher	Ferrari	9			2	(2)	David Coulthard	McLaren	2001
102		Michael Schumacher	Ferrari		(7)		4	(3)	Rubens Barrichello	Ferrari	2002
103		Michael Schumacher	Ferrari		(5)		1	(2)	Kimi Räikkönen	McLaren	200
104		Michael Schumacher	Ferrari		(8)		2	(4)	Rubens Barrichello	Ferrari	2004
05	2	Fernando Alonso	Renault		(6)		7	(5)	Kimi Räikkönen	McLaren	200
106		Fernando Alonso	Renault	7	(6)		7	(4)	Michael Schumacher	Ferrari	2000
07	1	Kimi Räikkönen	Ferrari	6	(3)		4	(6)	Lewis Hamilton	McLaren	200
108	7	Lewis Hamilton	McLaren	5	(7)		6	(6)	Felipe Massa	Ferrari	2008
109	1	Jenson Button	Brawn	6	(4)		4	(4)	Sebastian Vettel	Red Bull	2009
10	4	Sebastian Vettel	Red Bull	5	(10)		5	(2)	Fernando Alonso	Ferrari	2010
11	_	Sebastian Vettel	Red Bull				3	(0)	Jenson Button	McLaren	2013
12		Sebastian Vettel	Red Bull		(6)		3	(2)	Fernando Alonso	Ferrari	2012
13		Sebastian Vettel	Red Bull		(9)		2	(0)	Fernando Alonso	Ferrari	2013
14		Lewis Hamilton	Mercedes		(7)		5		Nico Rosberg	Mercedes	2014
15		Lewis Hamilton	Mercedes				6	(7)	Nico Rosberg	Mercedes	201
16	1	Nico Rosberg	Mercedes		(8)			(12)		Mercedes	201
17	-	Lewis Hamilton	Mercedes				5	(4)	Sebastian Vettel	Ferrari	201
											l .
118		Lewis Hamilton	Mercedes					(5)	Sebastian Vettel	Ferrari	2018
19		Lewis Hamilton	Mercedes		(5)		4	(5)	Valtteri Bottas	Mercedes	2019
120	1	Lewis Hamilton	Mercedes				2	(5)	Valtteri Bottas	Mercedes	2020
121		Max Verstappen	Red Bull	I IU	(LTO)		8	(5)	Lewis Hamilton	Mercedes	2023



(Source code.)

## 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
- Race ID 717: 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.