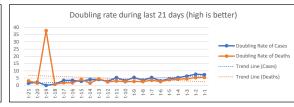
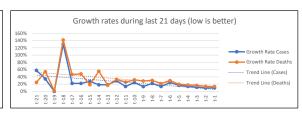
## **COVID-19 Statistics ES (Spain)**

Data from:		Data to:	Data to: 2020-03-30 Author: Tom Gries			
2020-03-10		2020-03-30				
Statistic created	(t):	Author:				
2020-04-06 ( =t )		Tom Gries				
1st Case:	Days:	Population <sup>1</sup>	:			
2020-02-01	59	46.722.980				
Sources of data <sup>2</sup>	:	Template:	A-20-04-04			







			Total Cases (C)	Total Death (D)	C of Population	t-1	l			
e K	ek		87.956	7.716	0,19%	2020-03-30				
	۷e		New C	New D	C per 100K	D per 100K				
1	Actual Week					7.846	913	188,25	16,51	
	Act		Growth C in %	Growth D %	Double C	Double D				
			9,79%	13,42%	7,4 days	5,5 days				

Total Cases (C)	Total Death (D)	C of Population	t-2	1	Total Cases (C)	Total Death (D)	C of Population	t-3
80.110	6.803	0,17%	2020-03-29		73.235	5.982	0,16%	2020-03-28
New C	New D	C per 100K	D per 100K		New C	New D	C per 100K	D per 100K
6.875	821	171,46	14,56		7.516	844	156,74	12,80
Growth C in %	Growth D %	Double C	Double D	IF	Growth C in %	Growth D %	Double C	Double D
9,39%	13,72%	7,7 days	5,4 days		11,44%	16,43%	6,4 days	4,6 days

otal Cases (C)	Total Death (D)	C of Population	t-4	Ľ	Total Cases (C)	Total Death (D)	C of Population	t-5
65.719	5.138	0,14%	2020-03-27		57.786	4.365	0,12%	2020-03-26
ew C	New D	C per 100K	D per 100K	-	New C	New D	C per 100K	D per 100K
7.933	773	140,66	11,00		8.271	718	123,68	9,34
rowth C in %	Growth D %	Double C	Double D	Г	Growth C in %	Growth D %	Double C	Double D
13,73%	17,71%	5,4 days	4,3 days		16,70%	19,69%	4,5 days	3,9 days
•	65.719 ew C 7.933 owth C in %	65.719 5.138 ew C New D 7.933 773 owth C in % Growth D %	65.719 5.138 0,14% ew C New D C per 100K 7.933 773 140,66 owth C in % Growth D % Double C	65.719 5.138 0,14% 2020-03-27 ew C New D C per 100K D per 100K 7.933 773 140,66 11,00 owth C in % Growth D % Double C Double D	65.719 5.138 0,14% 2020-03-27 ew C New D C per 100K D per 100K 7.933 773 140,66 11,00 owth C in % Growth D % Double C Double D	65.719 5.138 0,14% 2020-03-27 57.786  ow C New D C per 100K D per 100K  7.933 773 140,66 11,00 8.271  owth C in % Growth D % Double C Double D Growth C in %	65.719 5.138 0,14% 2020-03-27 57.786 4.365  ow C New D C per 100K D per 100K  7.933 773 140,66 11,00  owth C in % Growth D % Double C Double D Growth C in % Growth D %	65.719   5.138   0,14%   2020-03-27   57.786   4.365   0,12%

otal Cases (C)	Total Death (D)	C of Population	t-6	Total Cases (C)	Total Death (D)	C of Population	t-7
49.515	3.647	0,11%	2020-03-25	39.885	2.808	0,09%	2020-03-2
lew C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
9.630	839	105,98	7,81	4.749	497	85,36	6,0
rowth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
24,14%	29,88%	3,2 days	2,7 days	13,52%	21,51%	5,5 days	3,6 day

	Total Cases (C)	Total Death (D)	C of Population	t-8	l
One week ago	35.136	2.311	0,08%	2020-03-23	
	New C	New D	C per 100K	D per 100K	l
	6.368	539	75,20	4,95	
jue I	Growth C in %	Growth D %	Double C	Double D	-
O	22,14%	30,42%	3,5 days	2,6 days	

_								
To	otal Cases (C)	Total Death (D)	C of Population	t-9	Total Cases (C)	Total Death (D)	C of Population	t-10
	28.768	1.772	0,06%	2020-03-22	25.374	1.375	0,05%	2020-03-2
N	ew C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
	3.394	397	61,57	3,79	4.964	332	54,31	2,9
G	rowth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
	13,38%	28,87%	5,5 days	2,7 days	24,32%	31,83%	3,2 days	2,5 da

Total Cases (C)	Total Death (D)	C of Population	t-11	Total Ca
20.410	1.043	0,04%	2020-03-20	1
New C	New D	C per 100K	D per 100K	New C
2.447	213	43,68	2,23	
Growth C in %	Growth D %	Double C	Double D	Growth
13,62%	25,66%	5,4 days	3,0 days	2

Total Cases (C)	Total Death (D)	C of Population	t-12
17.963	830	0,04%	2020-03-19
New C	New D	C per 100K	D per 100K
4.053	207	38,45	1,78
Growth C in %	Growth D %	Double C	Double D
29,14%	33,23%	2,7 days	2,4 days

Total Cases (C)	Total Death (D)	C of Population	t-13	Total Cases (C)	Total Death (D)	C of Population	t-14
13.910	623	0,03%	2020-03-18	11.748	533	0,03%	2020-03-17
New C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
2.162	90	29,77	1,33	1.806	191	25,14	1,14
Growth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
18,40%	16,89%	4,1 days	4,4 days	18,17%	55,85%	4,2 days	1,6 day

	Total C	ases (C)	Total Death (D)	C of Population	t-15
ks ago		9.942	342	0,02%	2020-03-16
	New C		New D	C per 100K	D per 100K
weeks		2.144	53	21,28	0,73
Γwο	Growth	n C in %	Growth D %	Double C	Double D
ŕ	2	27,49%	18,34%	2,9 days	4,1 days

otal Cases (C	Total Death (D)	C of Population	t-16	Total Cases (C)	Total Death (D)	C of Population	t-17
7.79	8 289	0,02%	2020-03-15	6.391	195	0,01%	2020-03-14
lew C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
1.40	7 94	16,69	0,62	1.159	62	13,68	0,42
rowth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
22,02	48,21%	3,5 days	1,8 days	22,15%	46,62%	3,5 days	1,8 day

	Total Cases (C)	Total Death (D)	C of Population	t-18	
	5.232	133	0,01%	2020-03-13	
	New C	New D	C per 100K	D per 100K	
	2.955	78	11,20	0,28	
	Growth C in %	Growth D %	Double C	Double D	
	129,78%	141,82%	0,8 days	0,8 days	

Total Cases (C)	Total Death (D)	C of Population	t-19	
2.277	55	0,00%	2020-03-12	
New C	New D	C per 100K	D per 100K	
0	1	4,87	0,12	
Growth C in %	Growth D %	Double C	Double D	
0,00%	1,85%		37,8 days	

Total Cases (C)	Total Death (D)	C of Population	t-20		Total Cases (C)	Total Death (D)	C of Population	
2.277	54	0,00%	2020-03-11		1.695	35	0,00%	2020
New C	New D	C per 100K	D per 100K		New C	New D	C per 100K	D per :
582	19	4,87	0,12		622	7	3,63	
Growth C in %	Growth D %	Double C	Double D		Growth C in %	Growth D %	Double C	Double
34,34%	54,29%	2,3 days	1,6 days		57,97%	25,00%	1,5 days	3

## Explanations: Cases = C

Death(s) = D

Created (t): Date when the report was generated (referenced as t)

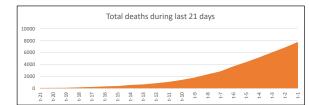
t - n: Report generation day minus n days
New Cases: Compared to the day before
New Death: Compared to the day before

Growth Rate: Groth rate compared to the day before in percent

Time to double: The time it takes until the actual cases/deathes are doubled in days

Recovered: Not used because this is not an official and countable number

CFR: Case Fatality Rate (letality). Not used because this can be computed only AFTER a pandemic. Actual not a serious number.





## Footnotes:

<sup>&</sup>lt;sup>1</sup> Population from Wikipedia (DE)

 $<sup>^2 \,</sup> Source \, of \, original \, data: \, https://github.com/datasets/covid-19/blob/master/data/time-series-19-covid-combined.csv$