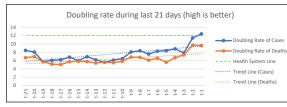
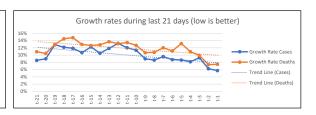
# **COVID-19 Statistics WORLD**

Total Cases (C) Total 1.095.917 82.760 8,17%

WORLD						
Data from:			Data to:			
2020-03-17 Statistic created (t):			2020-04-06			
			Author:			
2020-04-07 ( =t )			Tom Gries			
1st Case:	Days:		Population1:			
December 2019	December 2019 ~ 98		7.750.000.000			
Sources of data <sup>2</sup> :			Template: A-20-04-04			
https://github.com	/tomo-one/C	OVID	-19-Statistics			







		Total Cases (C)	Total Death (D)	C of Population	t-1
송	1.345.048	74.565	0,02%	2020-04-06	
	Š	New C	New D	C per 100K	D per 100K
	Actual Week	72.933	5.191	17,36	0,96
	Ą	Growth C in %	Growth D %	Double C	Double D
	Ì	5,73%	7,48%	12,4 days	9,6 days
					-

otal Cases (C)	Total Death (D)	C of Population	t-2	Total Cases (C)	Total Death (D)	C of Population	t-3
1.272.115	69.374	0,02%	2020-04-05	1.197.405	64.606	0,02%	2020-04-04
New C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
74.710	4.768	16,41	0,90	101.488	5.819	15,45	0,83
Frowth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
6,24%	7,38%	11,5 days	9,7 days	9,26%	9,90%	7,8 days	7,3 days

Death (D)	C of Population	t-4	Total Cases (C)	Total Death (D)	C of Population	t-5
58.787	0,01%	2020-04-03	1.013.157	52.983	0,01%	2020-04-02
D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
5.804	14,14	0,76	80.552	6.174	13,07	0,68
vth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
10,95%	8,8 days	6,7 days	8,64%	13,19%	8,4 days	5,6 days

al Cases (C)	Total Death (D)	C of Population	t-6	Total Cases (C)	Total Death (D)	C of Population	t-7
932.605	46.809	0,01%	2020-04-01	857.487	42.107	0,01%	2020-03-31
w C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
75.118	4.702	12,03	0,60	75.122	4.525	11,06	0,54
wth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
8,76%	11,17%	8,3 days	6,5 days	9,60%	12,04%	7,6 days	6,1 days

	Total Cases (C)	Total Death (D)	C of Population	t-8		T
ago	782.365	37.582	0,01%	2020-03-30		
	New C	New D	C per 100K	D per 100K		٨
One week	62.248	3.657	10,10	0,48		
	Growth C in %	Growth D %	Double C	Double D		G
	8,64%	10,78%	8,4 days	6,8 days		
		782.365 New C 62.248 Growth C in %	782.365 37.582  New C New D  62.248 3.657  Growth C in % Growth D %	782.365 37.582 0,01%  New C New D C per 100K  62.248 3.657 10,10  Growth C in % Growth D % Double C	782.365         37.582         0,01%         2020-03-30           New C         New D         C per 100K         D per 100K           62.248         3.657         10,10         0,48           Growth C in %         Growth D %         Double C         Double D	782.365         37.582         0,01%         2020-03-30           New C         New D         C per 100K         D per 100K           62.248         3.657         10,10         0,48           Growth C in %         Growth D %         Double C         Double D

ı	Total Cases (C)	Total Death (D)	C of Population	t-9	Total Cases (C)	Total Death (D)	C of Population	t-10
	720.117	33.925	0,01%	2020-03-29	660.706	30.652	0,01%	2020-03-2
ı	New C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
	59.411	3.273	9,29	0,44	67.415	3.454	8,53	0,4
ı	Growth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
	8,99%	10,68%	8,1 days	6,8 days	11,36%	12,70%	6,4 days	5,8 da

Tota	l Cases (C)	Total Death (D)	C of Population	t-11		Total Ca
	593.291	27.198	0,01%	2020-03-27		52
New	С	New D	C per 100K	D per 100K		New C
	63.700	3.228	7,66	0,35		
Grov	vth C in %	Growth D %	Double C	Double D		Growth
	12,03%	13,47%	6,1 days	5,5 days		1

otal Cases (C)	Total Death (D)	C of Population	t-12	Т
529.591	23.970	0,01%	2020-03-26	ſ
lew C	New D	C per 100K	D per 100K	z
61.938	2.789	6,83	0,31	ĺ
Frowth C in %	Growth D %	Double C	Double D	Ġ
13,24%	13,17%	5,6 days	5,6 days	

Total Cases (C)	Total Death (D)	C of Population	t-13		Total Cases (C)	Total Death (D)	C of Population	t-14
467.653	21.181	0,01%	2020-03-25		418.045	18.625	0,01%	2020-03-2
New C	New D	C per 100K	D per 100K		New C	New D	C per 100K	D per 100K
49.608	2.556	6,03	0,27		39.810	2.120	5,39	0,2
Growth C in %	Growth D %	Double C	Double D		Growth C in %	Growth D %	Double C	Double D
11,87%	13,72%	6,2 days	5,4 days	ĺ	10,53%	12,84%	6,9 days	5,7 da

	Total Cases (C)	Total Death (D)	C of Population	t-15	
ago	378.235	16.505	0,00%	2020-03-23	
S	New C	New D	C per 100K	D per 100K	
weeks	41.282	1.854	4,88	0,21	
Γwo	Growth C in %	Growth D %	Double C	Double D	
Ĕ	12,25%	12,65%	6,0 days	5,8 days	

otal Cases (C)	Total Death (D)	C of Population	t-16	Total Cases (C)	Total Death (D)	C of Population	t-17
336.953	14.651	0,00%	2020-03-22	304.396	12.973	0,00%	2020-03-21
ew C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
32.557	1.678	4,35	0,19	32.361	1.674	3,93	0,1
rowth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
10,70%	12,93%	6,8 days	5,7 days	11,90%	14,82%	6,2 days	5,0 day

	Total Cases (C)	Total Death (D)	C of Population	t-18
	272.035	11.299	0,00%	2020-03-20
	New C	New D	C per 100K	D per 100K
•	29.535	1.432	3,51	0,15
	Growth C in %	Growth D %	Double C	Double D
	12,18%	14,51%	6,0 days	5,1 days

ı	Total Cases (C)	Total Death (D)	C of Population	t-19	
	242.500	9.867	0,00%	2020-03-19	
1	New C	New D	C per 100K	D per 100K	
	27.679	1.134	3,13	0,13	
1	Growth C in %	Growth D %	Double C	Double D	
l	12,88%	12,99%	5,7 days	5,7 days	

Total Cases (C)	Total Death (D)	C of Population	t-20	Total Cases (C)	Total Death (D)	C of P
214.821	8.733	0,00%	2020-03-18	197.102	7.905	
New C	New D	C per 100K	D per 100K	New C	New D	C per
17.719	828	2,77	0,11	15.528	779	
Growth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Doub
8,99%	10,47%	8,1 days	7,0 days	8,55%	10,93%	

0	Total	Cases (C)	Total Death (D)	C of Population	t-21
3-18	:	197.102	7.905	0,00%	2020-03-17
K	New 0		New D	C per 100K	D per 100K
0,11		15.528	779	2,54	0,10
	Growt	th C in %	Growth D %	Double C	Double D
davs		8.55%	10.93%	8.4 days	6.7 days

#### **Explanations:**

Cases = C Death(s) = D

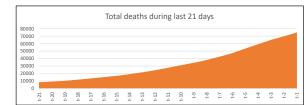
Created (t): Date when the report was generated (referenced as t)

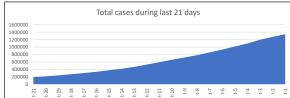
t - n: Report generation day minus n days Compared to the day before New Cases: New Death: Compared to the day before

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

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





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

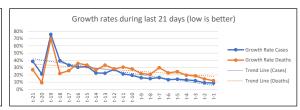
<sup>&</sup>lt;sup>2</sup> Source of original data: https://github.com/datasets/covid-19/blob/master/data/time-series-19-covid-combined.csv

# **COVID-19 Statistics US (United States)**

Data from:		Data to:				
2020-03-17		2020-04-06	2020-04-06 Author: Tom Gries			
Statistic created	(t):	Author:				
2020-04-07 ( =t )		Tom Gries				
1st Case:	Days:	Population <sup>1</sup>	:			
2020-01-22	76	327.167.43	327.167.434			
Sources of data <sup>2</sup>	:	Template:	A-20-04-04			







		Total Cases (C)	Total Death (D)	C or Population	t-1	
¥		366.614	10.783	0,11%	2020-04-06	
Ş.		New C	New D	C per 100K	D per 100K	
Actual Week		29.542	1.164	112,06	3,30	
Act		Growth C in %	Growth D %	Double C	Double D	
		8,76%	12,10%	8,3 days	6,1 days	
	•					

Total Cases (C)	Total Death (D)	C of Population	t-2	Total Cases (C)	Total Death (D)	C of Population	t-3
337.072	9.619	0,10%	2020-04-05	308.850	8.407	0,09%	2020-04-04
New C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
28.222	1.212	103,03	2,94	33.264	1.320	94,40	2,57
Growth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
9,14%	14,42%	7,9 days	5,1 days	12,07%	18,63%	6,1 days	4,1 days

Total Cases (C)	Total Death (D)	C of Population	t-4	Total Cases (C)	Total Death (D)	C of Population	t-5
275.586	7.087	0,08%	2020-04-03	243.453	5.926	0,07%	2020-04-02
New C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
32.133	1.161	84,23	2,17	30.081	1.169	74,41	1,81
Growth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
13,20%	19,59%	5,6 days	3,9 days	14,10%	24,57%	5,3 days	3,2 days

l Cases (C)	Total Death (D)	C of Population	t-6	L	Total Cases (C)	Total Death (D)	C of Population	t-7
213.372	4.757	0,07%	2020-04-01	ĺ	188.172	3.873	0,06%	2020-03-31
/ C	New D	C per 100K	D per 100K	I	New C	New D	C per 100K	D per 100K
25.200	884	65,22	1,45	I	26.365	895	57,52	1,18
wth C in %	Growth D %	Double C	Double D	I	Growth C in %	Growth D %	Double C	Double D
13,39%	22,82%	5,5 days	3,4 days		16,29%	30,05%	4,6 days	2,6 days

	Total Cases (C)	Total Death (D)	C of Population	t-8	Total Ca
ago	161.807	2.978	0,05%	2020-03-30	14
	New C	New D	C per 100K	D per 100K	New C
One week	20.921	511	49,46	0,91	1
je l	Growth C in %	Growth D %	Double C	Double D	Growth
U	14,85%	20,71%	5,0 days	3,7 days	1

Cases (C)	Total Death (D)	C of Population	t-9	Total Cases (C)	Total Death (D)	C of Population	t-10
140.886	2.467	0,04%	2020-03-29	121.478	2.026	0,04%	2020-03-28
C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
19.408	441	43,06	0,75	19.821	445	37,13	0,62
vth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
15,98%	21,77%	4,7 days	3,5 days	19,50%	28,15%	3,9 days	2,8 days

Total Cases (C)	Total Death (D)	C of Population	t-11	Total Cases (C)	Total Death (D)	C of Population
101.657	1.581	0,03%	2020-03-27	83.836	1.209	0,039
New C	New D	C per 100K	D per 100K	New C	New D	C per 100K
17.821	372	31,07	0,48	18.058	267	25,6
Growth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C
21,26%	30,77%	3,6 days	2,6 days	27,45%	28,34%	2,9 day

Total Cases (C)	Total Death (D)	C of Population	t-13	Total Cases (C)	Total Death (D)	C of Population	t-14
65.778	942	0,02%	2020-03-25	53.740	706	0,02%	2020-03-24
New C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
12.038	236	20,11	0,29	9.893	149	16,43	0,22
Growth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
22,40%	33,43%	3,4 days	2,4 days	22,56%	26,75%	3,4 days	2,9 days

	Total Cases (C)	Total Death (D)	C of Population	t-15	
ks ago	43.847	557	0,01%	2020-03-23	
	New C	New D	C per 100K	D per 100K	
weeks	10.571	140	13,40	0,17	
Two	Growth C in %	Growth D %	Double C	Double D	
ŕ	31,77%	33,57%	2,5 days	2,4 days	

otal Cases (C)	Total Death (D)	C of Population	t-16	Total Cases (C)	Total Death (D)	C of Population	t-17
33.276	417	0,01%	2020-03-22	25.489	307	0,01%	2020-03-21
ew C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
7.787	110	10,17	0,13	6.389	63	7,79	0,0
rowth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
30,55%	35,83%	2,6 days	2,3 days	33,45%	25,82%	2,4 days	3,0 day

	Total Cases (C)	Total Death (D)	C of Population	t-18	
	19.100	244	0,01%	2020-03-20	
	New C	New D	C per 100K	D per 100K	
9	5.423	44	5,84	0,07	
	Growth C in %	Growth D %	Double C	Double D	
"	39,65%	22.00%	2.1 days	3.5 days	

	Total Cases (C)	Total Death (D)	C of Population	t-19
	13.677	200	0,00%	2020-03-19
	New C	New D	C per 100K	D per 100K
,	5.894	82	4,18	0,06
	Growth C in %	Growth D %	Double C	Double D
6	75,73%	69,49%	1,2 days	1,3 days

2020-03-26 D per 100K 0,37 Double D 2,8 days

Total Cases (C)	Total Death (D)	C of Population	t-20	Total Cases (C)	Total Deat
7.783	118	0,00%	2020-03-18	6.421	
New C	New D	C per 100K	D per 100K	New C	New D
1.362	10	2,38	0,04	1.789	
Growth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D
21,21%	9,26%	3,6 days	7,8 days	38,62%	27

)	Total Cases (C)	Total Death (D)	C of Population	t-21
3-18	6.421	108	0,00%	2020-03-17
(	New C	New D	C per 100K	D per 100K
0,04	1.789	23	1,96	0,03
	Growth C in %	Growth D %	Double C	Double D
days	38,62%	27,06%	2,1 days	2,9 days

### 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

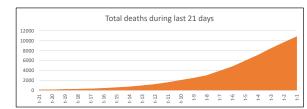
New Death: Compared to the day before

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.





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

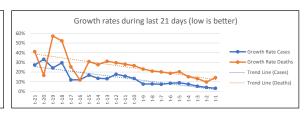
<sup>&</sup>lt;sup>2</sup> Source of original data: https://github.com/datasets/covid-19/blob/master/data/time-series-19-covid-combined.csv

# **COVID-19 Statistics DE (Germany)**

Data from:		Data to:	Data to:			
2020-03-17		2020-04-06	2020-04-06 Author:			
Statistic created	(t):	Author:				
2020-04-07 ( =t )		Tom Gries	Tom Gries			
1st Case:	Days:	Population	Population1:			
2020-01-27	71	83.019.213	83.019.213			
Sources of data <sup>2</sup>		Template:	A-20-04-04			







		Total Cases (C)	Total Death (D)	C oi Population	1-1	
쓩		103.374	1.810	0,12%	2020-04-06	
ĕ	ı	New C	New D	C per 100K	D per 100K	
Actual Week		3.251	226	124,52	2,18	
Ą	ı	Growth C in %	Growth D %	Double C	Double D	
		3,25%	14,27%	21,7 days	5,2 days	

Total Cases (C)	Total Death (D)	C of Population	t-2	Total Cases (C)	Total Death (D)	C of Population	t-3
100.123	1.584	0,12%	2020-04-05	96.092	1.444	0,12%	2020-04-04
New C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
4.031	140	120,60	1,91	4.933	169	115,75	1,74
Growth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
4,19%	9,70%	16,9 days	7,5 days	5,41%	13,25%	13,2 days	5,6 days

l Cases (C)	Total Death (D)	C of Population	t-4	Total Cases (C)	Total Death (D)	C of Population	t-5
91.159	1.275	0,11%	2020-04-03	84.794	1.107	0,10%	2020-04-02
C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
6.365	168	109,80	1,54	6.922	187	102,14	1,33
wth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
7,51%	15,18%	9,6 days	4,9 days	8,89%	20,33%	8,1 days	3,7 days

Cases (C)	Total Death (D)	C of Population	t-6	L	Total Cases (C)	Total Death (D)	C of Population	t-7
77.872	920	0,09%	2020-04-01	ĺ	71.808	775	0,09%	2020-03-31
c	New D	C per 100K	D per 100K	I	New C	New D	C per 100K	D per 100K
6.064	145	93,80	1,11	I	4.923	130	86,50	0,9
rth C in %	Growth D %	Double C	Double D	I	Growth C in %	Growth D %	Double C	Double D
8,44%	18,71%	8,5 days	4,0 days	I	7,36%	20,16%	9,8 days	3,8 day

Total Cases (C)	Total Death (D)	C of Population	t-8		T
66.885	645	0,08%	2020-03-30		
New C	New D	C per 100K	D per 100K		٨
4.790	112	80,57	0,78		
Growth C in %	Growth D %	Double C	Double D		G
7,71%	21,01%	9,3 days	3,6 days		
	66.885 New C 4.790 Growth C in %	66.885 645  New C New D  4.790 112  Growth C in % Growth D %	66.885 645 0,08%  New C New D C per 100K  4,790 112 80,57  Growth C in % Growth D % Double C	66.885         645         0,08%         2020-03-30           New C         New D         C per 100K         D per 100K           4.790         112         80,57         0,78           Growth C in %         Growth D %         Double C         Double D	66.885         645         0,08%         2020-03-30           New C         New D         C per 100K         D per 100K           4.790         112         80,57         0,78           Growth C in %         Growth D %         Double C         Double D

Total Cases (C)	Total Death (D)	C of Population	t-9	Total Cases (C)	Total Death (D)	C of Population	t-10
62.095	533	0,07%	2020-03-29	57.695	433	0,07%	2020-03-28
New C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
4.400	100	74,80	0,64	6.824	91	69,50	0,52
Growth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
7,63%	23,09%	9,4 days	3,3 days	13,41%	26,61%	5,5 days	2,9 days

Total Cases (C)	Total Death (D)	C of Population	t-11	Total Cases (C)
50.871	342	0,06%	2020-03-27	43.93
New C	New D	C per 100K	D per 100K	New C
6.933	75	61,28	0,41	6.61
Growth C in %	Growth D %	Double C	Double D	Growth C in %
15,78%	28,09%	4,7 days	2,8 days	17,729

	Total Cases (C)	Total Death (D)	C of Population	t-13
5	37.323	206	0,04%	2020-03
	New C	New D	C per 100K	D per 100K
2	4.337	49	44,96	0
	Growth C in %	Growth D %	Double C	Double D
rs	13,15%	31,21%	5,6 days	2,6 d

	Total Cases (C)	Total Death (D)	C of Population	t-14
25	32.986	157	0,04%	2020-03-24
	New C	New D	C per 100K	D per 100K
25	3.930	34	39,73	0,19
	Growth C in %	Growth D %	Double C	Double D
ays	13,53%	27,64%	5,5 days	2,8 day

	Total Cases (C)	Total Death (D)	C of Population	t-15
ago	29.056	123	0,03%	2020-03-23
S	New C	New D	C per 100K	D per 100K
weeks	4.183	29	35,00	0,15
Two	Growth C in %	Growth D %	Double C	Double D
ŕ	16,82%	30,85%	4,5 days	2,6 days

otal Cases (C)	Total Death (D)	C of Population	t-16	Total Cases (C)	Total Death (D)	C of Population	t-17
24.873	94	0,03%	2020-03-22	22.213	84	0,03%	2020-03-2
ew C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
2.660	10	29,96	0,11	2.365	17	26,76	0,1
rowth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
11,97%	11,90%	6,1 days	6,2 days	11,92%	25,37%	6,2 days	3,1 day

	Total Cases (C)	Total Death (D)	C of Population	t-18
	19.848	67	0,02%	2020-03-20
	New C	New D	C per 100K	D per 100K
•	4.528	23	23,91	0,08
	Growth C in %	Growth D %	Double C	Double D
	29,56%	52,27%	2,7 days	1,6 days

1	Total Cases (C)	Total Death (D)	C of Population	t-19
1	15.320	44	0,02%	2020-03-19
1	New C	New D	C per 100K	D per 100K
	2.993	16	18,45	0,05
1	Growth C in %	Growth D %	Double C	Double D
	24,28%	57,14%	3,2 days	1,5 days

267

29,61%

**0,05%** 100K **52,93** 

4,2 days

0,3

2,7 day

Total Cases (C)	Total Death (D)	C of Population	t-20	Total Cases
12.327	28	0,01%	2020-03-18	9.
New C	New D	C per 100K	D per 100K	New C
3.070	4	14,85	0,03	1.
Growth C in %	Growth D %	Double C	Double D	Growth C is
33,16%	16,67%	2,4 days	4,5 days	27,

	Total Cases (C)	Total Death (D)	C of Population	t-21
-18	9.257	24	0,01%	2020-03-17
	New C	New D	C per 100K	D per 100K
0,03	1.985	7	11,15	0,03
	Growth C in %	Growth D %	Double C	Double D
lays	27,30%	41,18%	2,9 days	2,0 days

#### **Explanations:**

Cases = C Death(s) = D

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

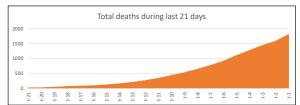
t - n: Report generation day minus n days
New Cases: Compared to the day before
New Death: Compared to the day before

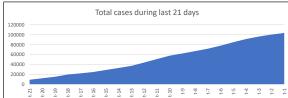
Growth Rate: Groth rate compared to the day before in percent

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.





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

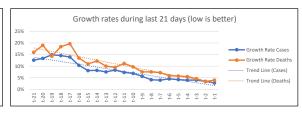
<sup>&</sup>lt;sup>2</sup> Source of original data: https://github.com/datasets/covid-19/blob/master/data/time-series-19-covid-combined.csv

# **COVID-19 Statistics IT (Italy)**

Data from:		Data to:	Data to:  2020-04-06  Author:  Tom Gries  Population <sup>1</sup> :		
2020-03-17		2020-04-06			
Statistic created	(t):	Author:			
2020-04-07 ( =t		Tom Gries			
1st Case:	Days:	Population			
2020-01-31	67	60.262.701			
Sources of data	:	Template:	Template: A-20-04-04		







-		Total Cases (C)	Total Death (D)	C of Population	t-1	1
e k	쓩	132.547	16.523	0,22%	2020-04-06	l
	Š	New C	New D	C per 100K	D per 100K	1
	Actual Week	3.599	636	219,95	27,42	l
	Ą	Growth C in %	Growth D %	Double C	Double D	1
	ì	2,79%	4,00%	25,2 days	17,7 days	l
•						•

otal Cases (C)	Total Death (D)	C of Population	t-2	Total Cases (C)	Total Death (D)	C of Population	t-3
128.948	15.887	0,21%	2020-04-05	124.632	15.362	0,21%	2020-04-04
New C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
4.316	525	213,98	26,36	4.805	681	206,81	25,49
Frowth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
3,46%	3,42%	20,4 days	20,6 days	4,01%	4,64%	17,6 days	15,3 days

otal Cases (C)	Total Death (D)	C of Population	t-4	Total Cases (C)	Total Death (D)	C of Population	t-5
119.827	14.681	0,20%	2020-04-03	115.242	13.915	0,19%	2020-04-02
ew C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
4.585	766	198,84	24,36	4.668	760	191,23	23,09
rowth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
3,98%	5,50%	17,8 days	12,9 days	4,22%	5,78%	16,8 days	12,3 day

tal Cases (C)	Total Death (D)	C of Population	t-6	Total Cases (C)	Total Death (D)	C of Population	t-7
110.574	13.155	0,18%	2020-04-01	105.792	12.428	0,18%	2020-03-31
ew C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
4.782	727	183,49	21,83	4.053	837	175,55	20,62
owth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
4,52%	5,85%	15,7 days	12,2 days	3,98%	7,22%	17,7 days	9,9 days

	Total Cases (C)	Total Death (D)	C of Population	t-8		T
	101.739	11.591	0,17%	2020-03-30		
	New C	New D	C per 100K	D per 100K		٨
	4.050	812	168,83	19,23		
	Growth C in %	Growth D %	Double C	Double D		Ġ
	4,15%	7,53%	17,1 days	9,5 days		
		101.739 New C 4.050 Growth C in %	101.739 11.591  New C New D  4.050 812  Growth C in % Growth D %	101.739 11.591 0,17%  New C New D C per 100K  4.050 812 168,83  Growth C in % Growth D % Double C	101,739	101.739   11.591   0,17%   2020-03-30

Total Cases (C)	Total Death (D)	C of Population	t-9	Total Cases (C)	Total Death (D)	C of Population	t-10
97.689	10.779	0,16%	2020-03-29	92.472	10.023	0,15%	2020-03-28
New C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
5.217	756	162,11	17,89	5.974	889	153,45	16,63
Growth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
5,64%	7,54%	12,6 days	9,5 days	6,91%	9,73%	10,4 days	7,5 days

Total Cases (C)	Total Death (D)	C of Population	t-11	Total Cas
86.498	9.134	0,14%	2020-03-27	8
New C	New D	C per 100K	D per 100K	New C
5.909	919	143,53	15,16	
Growth C in %	Growth D %	Double C	Double D	Growth (
7,33%	11,19%	9,8 days	6,5 days	

Total Cases (C)	Total Death (D)	C of Population	t-12
80.589	8.215	0,13%	2020-03-26
New C	New D	C per 100K	D per 100K
6.203	712	133,73	13,63
Growth C in %	Growth D %	Double C	Double D
8,34%	9,49%	8,7 days	7,6 days

Total Cases (C)	Total Death (D)	C of Population	t-13	Total Cases (C)	Total Death (D)
74.386	7.503	0,12%	2020-03-25	69.176	6.820
New C	New D	C per 100K	D per 100K	New C	New D
5.210	683	123,44	12,45	5.249	743
Growth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %
7,53%	10,01%	9,5 days	7,3 days	8,21%	12,23%

	Total Cases (C)	Total Death (D)	C of Population	t-14
25	69.176	6.820	0,11%	2020-03-24
	New C	New D	C per 100K	D per 100K
,45	5.249	743	114,79	11,32
	Growth C in %	Growth D %	Double C	Double D
ays	8,21%	12,23%	8,8 days	6,0 days

	1	Total Cases (C)	Total Death (D)	C of Population	t-15
ago		63.927	6.077	0,11%	2020-03-23
S		New C	New D	C per 100K	D per 100K
weeks		4.789	601	106,08	10,08
Ī.		Growth C in %	Growth D %	Double C	Double D
Ĺ		8,10%	10,98%	8,9 days	6,7 days

otal Cases (C)	Total Death (D)	C of Population	t-16		Total Cases (C)	Total Death (D)	C of Population	t-17
59.138	5.476	0,10%	2020-03-22		53.578	4.825	0,09%	2020-03-21
ew C	New D	C per 100K	D per 100K		New C	New D	C per 100K	D per 100K
5.560	651	98,13	9,09		6.557	793	88,91	8,0
rowth C in %	Growth D %	Double C	Double D		Growth C in %	Growth D %	Double C	Double D
10,38%	13,49%	7,0 days	5,5 days	ĺ	13,94%	19,67%	5,3 days	3,9 day

Total Cases (C)	Total Death (D)	C of Population	t-18
47.021	4.032	0,08%	2020-03-20
New C	New D	C per 100K	D per 100K
5.986	627	78,03	6,69
Growth C in %	Growth D %	Double C	Double D
14,59%	18,41%	5,1 days	4,1 days

Total Cases (C)	Total Death (D)	C of Population	t-19
41.035	3.405	0,07%	2020-03-19
New C	New D	C per 100K	D per 100K
5.322	427	68,09	5,65
Growth C in %	Growth D %	Double C	Double D
14,90%	14,34%	5,0 days	5,2 days

Total Death (D)	C of Population	t-20	Total Cases (C)	Total Death (D)	C of Population	t-21
2.978	0,06%	2020-03-18	31.506	2.503	0,05%	2020-0
New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100
475	59,26	4,94	3.526	345	52,28	
Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
18,98%	5,5 days	4,0 days	12,60%	15,99%	5,8 days	4,7
	2.978 New D 475 Growth D %	2.978 0,06%  New D C per 100K  475 59,26  Growth D % Double C	2.978 0,06% 2020-03-18  New D C per 100K D per 100K  475 59,26 4,94  Growth D % Double C Double D	2.978 0,06% 2020-03-18 New D C per 100K D per 100K 475 59,26 4,94 Growth D % Double C Double D Growth C in %	2.978   0,06%   2020-03-18   31.506   2.503	2.978   0,06%   2020-03-18   31.506   2.503   0,05%

#### **Explanations:**

Cases = C Death(s) = D

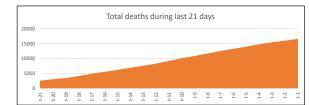
Created (t): Date when the report was generated (referenced as t)

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

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

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





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

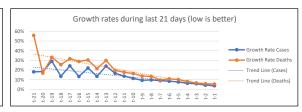
<sup>&</sup>lt;sup>2</sup> Source of original data: https://github.com/datasets/covid-19/blob/master/data/time-series-19-covid-combined.csv

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

Data from:		Data to:			
2020-03-17		2020-04-06			
Statistic created	(t):	Author:			
2020-04-07 ( =t )		Tom Gries			
1st Case:	Days:	Population	:		
2020-02-01	66	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
¥	136.675	13.341	0,29%	2020-04-06
Ne	New C	New D	C per 100K	D per 100K
Actual Week	5.029	700	292,52	28,55
Act	Growth C in %	Growth D %	Double C	Double D
	3,82%	5,54%	18,5 days	12,9 days
-				

Total Death (D)	C of Population	t-2	Total Cases (C)	Total Death (D)	C of Population	t-3
12.641	0,28%	2020-04-05	126.168	11.947	0,27%	2020-04-04
New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
694	281,76	27,06	6.969	749	270,03	25,57
Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
5,81%	16,3 days	12,3 days	5,85%	6,69%	12,2 days	10,7 days
	12.641 New D 694 Growth D %	12.641 0,28%  New D C per 100K 694 281,76  Growth D % Double C	12.641 0,28% 2020-04-05  New D C per 100K D per 100K 694 281,76 27,06  Growth D % Double C Double D	12.641   0,28%   2020-04-05   126.168	12.641   0,28%   2020-04-05   126.168   11.947	12.641   0,28%   2020-04-05   126.168   11.947   0,27%

es (C)	Total Death (D)	C of Population	t-4	To	tal Cases (C)	Total Death (D)	C of Population	t-5
9.199	11.198	0,26%	2020-04-03		112.065	10.348	0,24%	2020-04-02
	New D	C per 100K	D per 100K	Ne	w C	New D	C per 100K	D per 100K
7.134	850	255,12	23,97		7.947	961	239,85	22,15
in %	Growth D %	Double C	Double D	Gr	owth C in %	Growth D %	Double C	Double D
,37%	8,21%	11,2 days	8,8 days		7,63%	10,24%	9,4 days	7,1 days
	7.134 in %	7.134 850 In % Growth D %	0.199 11.198 0,26% New D C per 100K 7.134 850 255,12 in % Growth D % Double C	11.198   0,26%   2020-04-03	1.198   0,26%   2020-04-03   New D   C per 100K   D per 100K   New D   255,12   23,97   in % Growth D % Double C   Double D   Growth D %   Double C   Double D   Growth D %   Double C   Double D   Growth D %   Double C   Double D   Growth D %   Double C   Double D   Growth D %   Double C   Double D   Growth D %   Double C   Double D   Growth D %   Double C   Double D   Growth D %   Double C   Double D   Growth D %   Double C   Double D   Growth D %   Double C   Double D   Growth D %   Double C   Double D   Growth D %   Double C   Double D   Growth D %   Double C   Double D   Growth D %   Double C   Double D   Growth D %   Double C   Double D   Growth D %   Double C   Double D   Growth D %   D	11.198   0,26%   2020-04-03   112.065	11.198	11.198

tal Cases (C)	Total Death (D)	C of Population	t-6	Total Cases (C)	Total Death (D)	C of Population	t-7
104.118	9.387	0,22%	2020-04-01	95.923	8.464	0,21%	2020-03-31
ew C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
8.195	923	222,84	20,09	7.967	748	205,30	18,12
owth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
8,54%	10,91%	8,5 days	6,7 days	9,06%	9,69%	8,0 days	7,5 days

Total Cases (C)	Total Death (D)	C of Population	t-8		T
87.956	7.716	0,19%	2020-03-30		
New C	New D	C per 100K	D per 100K		٨
7.846	913	188,25	16,51		
Growth C in %	Growth D %	Double C	Double D		Ġ
9,79%	13,42%	7,4 days	5,5 days		
	87.956 New C 7.846 Growth C in %	87.956 7.716  New C New D  7.846 913  Growth C in % Growth D %	87.956 7.716 0,19%  New C New D C per 100K  7.846 913 188,25  Growth C in % Growth D % Double C	87.956         7.716         0,19%         2020-03-30           New C         New D         C per 100K         D per 100K           7.846         913         188,25         16,51           Growth C in %         Growth D %         Double C         Double D	87.956 7.716 0,19% 2020-03-30  New C New D C per 100K D per 100K  7.846 913 188,25 16,51  Growth C in 1/4 Growth D 1/4 Double C Double D

Tota	l Cases (C)	Total Death (D)	C of Population	t-9	Total Cases (C)	Total Death (D)	C of Population	t-10
	80.110	6.803	0,17%	2020-03-29	73.235	5.982	0,16%	2020-03-2
Nev	/ 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	12,8
Gro	wth C in %	Growth D %	Double C	Double D	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 da

1	Total Cases (C)	Total Death (D)	C of Population	t-11	To	ota
	65.719	5.138	0,14%	2020-03-27		
1	New C	New D	C per 100K	D per 100K	Ne	ew
	7.933	773	140,66	11,00		Ī
]	Growth C in %	Growth D %	Double C	Double D	Gı	ro
	13,73%	17,71%	5,4 days	4,3 days		

Total Cases (C)	Total Death (D)	C of Population	t-12
57.786	4.365	0,12%	2020-03-26
New C	New D	C per 100K	D per 100K
8.271	718	123,68	9,34
Growth C in %	Growth D %	Double C	Double D
16,70%	19,69%	4,5 days	3,9 days

al Cases (C)	Total Death (D)	C of Population	t-13	Total Cases (C)	Total Death (D)	C of Population	t-14
49.515	3.647	0,11%	2020-03-25	39.885	2.808	0,09%	2020-03-24
w 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	6,01
wth 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 days

	Total Cases (C)	Total Death (D)	C of Population	t-15		
ago	35.136	2.311	0,08%	2020-03-23		
S	New C	New D	C per 100K	D per 100K		
weeks	6.368	539	75,20	4,95		
Two	Growth C in %	Growth D %	Double C	Double D		
ŕ	22,14%	30,42%	3,5 days	2,6 days		

ital Cases (C)	Total Death (D)	C of Population	t-16	Total Cases (C)	Total Death (D)	C of Population	t-17	Ξ
28.768	1.772	0,06%	2020-03-22	25.374	1.375	0,05%	2020-03-2	1
ew C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K	Ξ
3.394	397	61,57	3,79	4.964	332	54,31	2,9	)4
rowth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D	Ξ
13,38%	28,87%	5,5 days	2,7 days	24,32%	31,83%	3,2 days	2,5 day	ys
3.394 rowth C in %	397 Growth D %	61,57 Double C	3,79 Double D	4.964 Growth C in %	332 Growth D %	54,31 Double C	2, Double D	

	Total Cases (C)	Total Death (D)	C of Population	t-18	
	20.410	1.043	0,04%	2020-03-20	
	New C	New D	C per 100K	D per 100K	
	2.447	213	43,68	2,23	
	Growth C in %	Growth D %	Double C	Double D	
	13,62%	25,66%	5,4 days	3,0 days	

Total Cases (C)	Total Death (D)	C of Population	t-19
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-20		Total Cases (C)	Total De
13.910	623	0,03%	2020-03-18	lĺ	11.748	
New C	New D	C per 100K	D per 100K	l	New C	New D
2.162	90	29,77	1,33		1.806	
Growth C in %	Growth D %	Double C	Double D	1 [	Growth C in %	Growth
18,40%	16,89%	4,1 days	4,4 days		18,17%	5

	Total Cases (C)	Total Death (D)	C of Population	t-21	
-18	11.748	533	0,03%	2020-03-17	
	New C	New D	C per 100K	D per 100K	
,33	1.806	191	25,14	1,14	
	Growth C in %	Growth D %	Double C	Double D	
ays	18,17%	55,85%	4,2 days	1,6 days	

#### 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

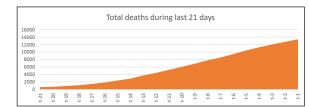
New Death: Compared to the day before

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.



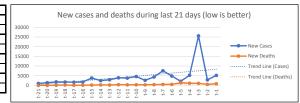


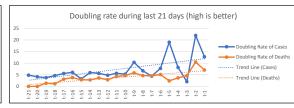
<sup>&</sup>lt;sup>1</sup> Population from Wikipedia (DE)

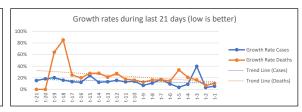
<sup>&</sup>lt;sup>2</sup> Source of original data: https://github.com/datasets/covid-19/blob/master/data/time-series-19-covid-combined.csv

# **COVID-19 Statistics FR (France)**

FR (France)					
Data from:		Data to:			
2020-03-17		2020-04-06	2020-04-06 Author:		
Statistic created	(t):	Author:			
2020-04-07 ( =t )		Tom Gries	Tom Gries		
1st Case:	Days:	Population <sup>3</sup>	Population1:		
2020-01-24	74	66.993.000	66.993.000		
Sources of data <sup>2</sup> :		Template:	A-20-04-04		
https://github.co	m/tomo-one/0	OVID-19-Statistics			







	Total Cases (C)	Total Death (D)	C of Population	t-1	
₩	98.010	8.911	0,15%	2020-04-06	
Ne.	New C	New D	C per 100K	D per 100K	
Actual Week	5.171	833	146,30	13,30	
Act	Growth C in %	Growth D %	Double C	Double D	
	5,57%	10,31%	12,8 days	7,1 days	

ital Cases (C)	Total Death (D)	C of Population	t-2	Tota	al Cases (C)	Total Death (D)	C of Population	t-3
92.839	8.078	0,14%	2020-04-05		89.953	7.560	0,13%	2020-04-04
ew C	New D	C per 100K	D per 100K	New	/ C	New D	C per 100K	D per 100K
2.886	518	138,58	12,06		25.615	1.053	134,27	11,28
rowth C in %	Growth D %	Double C	Double D	Gro	wth C in %	Growth D %	Double C	Double D
3,21%	6,85%	21,9 days	10,5 days		39,81%	16,18%	2,1 days	4,6 days
				_				

l Cases (C)	Total Death (D)	C of Population	t-4		Total Cases (C)	Total Death (D)	C of Population	t-5
64.338	6.507	0,10%	2020-04-03		59.105	5.387	0,09%	2020-04-02
C	New D	C per 100K	D per 100K		New C	New D	C per 100K	D per 100K
5.233	1.120	96,04	9,71		2.116	1.355	88,23	8,04
wth C in %	Growth D %	Double C	Double D		Growth C in %	Growth D %	Double C	Double D
8,85%	20,79%	8,2 days	3,7 days	ĺ	3,71%	33,61%	19,0 days	2,4 days

otal Cases (C)	Total Death (D)	C of Population	t-6	Total Cases (C)	Total Death (D)	C of Population	t-7
56.989	4.032	0,09%	2020-04-01	52.128	3.523	0,08%	2020-03-3
lew C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
4.861	509	85,07	6,02	7.578	499	77,81	5,2
Frowth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
9,33%	14,45%	7,8 days	5,1 days	17,01%	16,50%	4,4 days	4,5 day

	Total Cases (C)	Total Death (D)	C of Population	t-8	T
sk ago	44.550	3.024	0,07%	2020-03-30	
	New C	New D	C per 100K	D per 100K	٨
One week	4.376	418	66,50	4,51	
e l	Growth C in %	Growth D %	Double C	Double D	G
O	10,89%	16,04%	6,7 days	4,7 days	

Total Cases (C)	Total Death (D)	C of Population	t-9	Total Cases (C)	Total Death (D)	C of Population	t-10
40.174	2.606	0,06%	2020-03-29	37.575	2.314	0,06%	2020-03-28
New C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
2.599	292	59,97	3,89	4.611	319	56,09	3,45
Growth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
6,92%	12,62%	10,4 days	5,8 days	13,99%	15,99%	5,3 days	4,7 days

To	otal Cases (C)	Total Death (D)	C of Population	t-11	Total Cas
	32.964	1.995	0,05%	2020-03-27	2
N	ew C	New D	C per 100K	D per 100K	New C
	3.809	299	49,21	2,98	
G	rowth C in %	Growth D %	Double C	Double D	Growth (
	13,06%	17,63%	5,6 days	4,3 days	1

Total Cases (C)	Total Death (D)	C of Population	t-12
29.155	1.696	0,04%	2020-03-26
New C	New D	C per 100K	D per 100K
3.922	365	43,52	2,53
Growth C in %	Growth D %	Double C	Double D
15,54%	27,42%	4,8 days	2,9 days

otal Cases (C)	Total Death (D)	C of Population	t-13	Total Cases (C)	Total Death (D)	C of Population	t-14
25.233	1.331	0,04%	2020-03-25	22.304	1.100	0,03%	2020-03-2
lew C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
2.929	231	37,67	1,99	2.448	240	33,29	1,6
rowth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
13,13%	21,00%	5,6 days	3,6 days	12,33%	27,91%	6,0 days	2,8 day

	Total Cases (C)	Total Death (D)	C of Population	t-15	
ks ago	19.856	860	0,03%	2020-03-23	
	New C	New D	C per 100K	D per 100K	
weeks	3.838	186	29,64	1,28	
Two	Growth C in %	Growth D %	Double C	Double D	
^	23,96%	27,60%	3,2 days	2,8 days	

tal Cases (C)	Total Death (D)	C of Population	t-16	Total Cases (C)	Total Death (D)	C of Population	t-17
16.018	674	0,02%	2020-03-22	14.282	562	0,02%	2020-03-2
w C	New D	C per 100K	D per 100K	New C	New D	C per 100K	D per 100K
1.736	112	23,91	1,01	1.670	112	21,32	0,8
owth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %	Double C	Double D
12,16%	19,93%	6,0 days	3,8 days	13,24%	24,89%	5,6 days	3,1 da

11		Total Cases (C)	Total Death (D)	C of Population	t-18	
		12.612	450	0,02%	2020-03-20	
		New C	New D	C per 100K	D per 100K	
-		1.741	207	18,83	0,67	
		Growth C in %	Growth D %	Double C	Double D	
		16,02%	85,19%	4,7 days	1,1 days	

]	Total Cases (C)	Total Death (D)	C of Population	t-19
	10.871	243	0,02%	2020-03-19
]	New C	New D	C per 100K	D per 100K
	1.828	95	16,23	0,36
]	Growth C in %	Growth D %	Double C	Double D
l	20,21%	64,19%	3,8 days	1,4 days

Total Cases (C)	Total Death (D)	C of Population	t-20	Total Cases (C)	Total Death (D)
9.043	148	0,01%	2020-03-18	7.652	148
New C	New D	C per 100K	D per 100K	New C	New D
1.391	0	13,50	0,22	1.019	0
Growth C in %	Growth D %	Double C	Double D	Growth C in %	Growth D %
18,18%	0,00%	4,1 days		15,36%	0,00%

	Total Cases (C)	Total Death (D)	C of Population	t-21
3-18	7.652	148	0,01%	2020-03-17
	New C	New D	C per 100K	D per 100K
0,22	1.019	0	11,42	0,22
	Growth C in %	Growth D %	Double C	Double D
	15.36%	0.00%	4.9 days	

#### **Explanations:**

Cases = C Death(s) = D

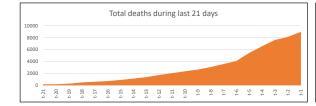
Created (t): Date when the report was generated (referenced as t)

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

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

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





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

<sup>&</sup>lt;sup>2</sup> Source of original data: https://github.com/datasets/covid-19/blob/master/data/time-series-19-covid-combined.csv