# **COVID-19 Statistics - Summary**

Country / Region	
WORLD	
United States	
Germany	
Italy	
Spain	
France	
United Kingdom	
China	
India	
Russia	

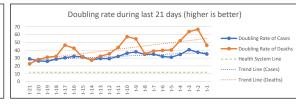
1st Case	Days	Population
December 2019	~ 141	7.750.000.000
2020-01-22	119	327.167.434
2020-01-27	114	83.019.213
2020-01-31	110	60.262.701
2020-02-01	109	46.722.980
2020-01-24	117	66.993.000
2020-01-31	110	66.435.550
December 2019	~ 141	1.400.050.000
2020-01-30	111	1.368.738.000
2020-01-31	110	146.877.088

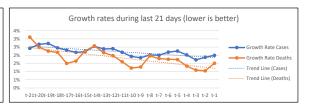
Day	Total Cases (C)	Total Death (D)	Cases of Population	New Cases	New Deaths	Cases per 100K	Deaths per 100K	Growth Cases in %	Growth Deaths %	Double Cases	Double Deaths
Live Data: 2020-05-20	4.989.197	324.970	0,06%	6.260	416						
2020-05-19	4.897.492	323.285	0,06%	95.549	4.804	63,19	4,17	1,99%	1,51%	35,2 days	46,3 days
Live Data: 2020-05-20	1.570.583	93.533	0,48%	0	0						
2020-05-19	1.528.568	91.921	0,47%	20.260	1.574	467,21	28,10	1,34%	1,74%	51,9 days	40,1 days
Live Data: 2020-05-20	226.699	32.169	0,27%	0	0						
2020-05-19	177.778	8.081	0,21%	1.227	78	214,14	9,73	0,69%	0,97%	100,1 days	71,5 days
Live Data: 2020-05-20	278.803	27.778	0,46%	0	0						
2020-05-19	226.699	32.169	0,38%	813	162	376,18	53,38	0,36%	0,51%	192,9 days	137,3 days
Live Data: 2020-05-20	299.941	2.837	0,64%	0	0						
2020-05-19	232.037	27.778	0,50%	431	69	496,62	59,45	0,19%	0,25%	372,8 days	278,7 days
Live Data: 2020-05-20	248.818	35.341	0,37%	411	1						
2020-05-19	178.428	27.976	0,27%	874	-217	266,34	41,76	0,49%	-0,77%	141,2 days	-89,7 days
Live Data: 2020-05-20	177.827	8.193	0,27%	0	0						
2020-05-19	250.138	35.422	0,38%	2.429	546	376,51	53,32	0,98%	1,57%	71,0 days	44,6 days
Live Data: 2020-05-20	180.809	28.022	0,01%	0	0						
2020-05-19	84.063	4.638	0,01%	0	0	6,00	0,33	0,00%	0,00%		
Live Data: 2020-05-20	82.965	4.634	0,01%	0	0						
2020-05-19	106.475	3.302	0,01%	6.147	146	7,78	0,24	6,13%	4,63%	11,7 days	15,3 days
Live Data: 2020-05-20	106.886	3.303	0,07%	0	0						
2020-05-19	299.941	2.837	0,20%	9.263	115	204,21	1,93	3,19%	4,22%	22,1 days	16,8 days

### **COVID-19 Statistics WORLD**









2020-05-19	t-1		
Total Cases (C)	Total Death (D)	New C	New D
4.897.492	323.285	95.549	4.804
Growth C in %	Growth D %	Double C in days	Double D in days
2,0%	1,5%	35,2 days	46,3 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
63,2	4,2	0,1%	7,9%
	Total Cases (C) 4.897.492 Growth C in % 2,0% Cases per 100K	Total Cases (C)   Total Death (D)	Total Cases (C)   Total Death (D)   New C

202		i	t-3	2020-05-17		i	t-2	2020-05-18
Total C	New D	New C	Total Death (D)	Total Cases (C)	New D	New C	Total Death (D)	Total Cases (C)
4.6	3.404	79.552	315.185	4.713.620	3.296	88.323	318.481	4.801.943
Growt	Double D in days	Double C in days	Growth D %	Growth C in %	Double D in days	Double C in days	Growth D %	Growth C in %
	63,8 days	40,7 days	1,1%	1,7%	66,6 days	37,3 days	1,0%	1,9%
Cases	Death Rate (t-10)	C of Population	Deaths per 100K	Cases per 100K	Death Rate (t-10)	C of Population	Deaths per 100K	Cases per 100K
	8,0%	0,1%	4,1	60,8	7,9%	0,1%	4,1	62,0

020-05-16	t-4				2020-05-15	t-5		
al Cases (C)	Total Death (D)	New C	New D	Ε	Total Cases (C)	Total Death (D)	New C	New D
1.634.068	311.781	91.721	4.115	I	4.542.347	307.666	100.184	5.248
wth C in %	Growth D %	Double C in days	Double D in days	-	Growth C in %	Growth D %	Double C in days	Double D in days
2,0%	1,3%	34,7 days	52,2 days		2,3%	1,7%	31,1 days	40,3 days
es per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	-	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
59,8	4,0	0,1%	8,1%		58,6	4,0	0,1%	8,2%
				-				

1	2020-05-14	t-6	1		2020-05-13	t-7	1	
	Total Cases (C)		New C	New D	Total Cases (C)		New C	New D
	4.442.163	302.418			4.347.018	( )		
	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in day
	2,2%	1,8%	32,0 days	39,8 days	2,0%	1,8%	35,0 days	38,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
	57,3	3,9	0,1%	8,3%	56,1	3,8	0,1%	8,3%

	2020-05-12	t-8			2020
	Total Cases (C)	Total Death (D)	New C	New D	Total C
ago	4.261.747	291.942	84.245	5.612	4.1
*	Growth C in %	Growth D %	Double C in days	Double D in days	Growth
One week ago	2,0%	2,0%	34,7 days	35,7 days	
ne (	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases
O	55,0	3,8	0,1%	8,3%	

20-05-11	t-9			2020-05-10	t-10		
Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
177.502	286.330	75.803	3.621	4.101.699	282.709	77.690	3.398
rth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
1,8%	1,3%	37,9 days	54,5 days	1,9%	1,2%	36,2 days	57,3 days
s per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
53,9	3,7	0,1%	8,4%	52,9	3,6	0,1%	8,5%

	20-05-09 t-11		2020-05-08
New C	Cases (C) Total Death (D)	New D	Total Cases (C)
85.945	.024.009 279.311	4.413	3.938.064
Double C in days	rth C in % Growth D %	Double D in days	Growth C in %
6 32,1 days	2,2% 1,6%	43,5 days	2,4%
K C of Population	s per 100K Deaths per 100K	Death Rate (t-10)	Cases per 100K
0,1%	51,9 3,6	8,6%	50,8

E				t-12	2020-05-08
E	1	New D	New C	Total Death (D)	otal Cases (C)
		5.331	92.346	274.898	3.938.064
¢	1	Double D in days	Double C in days	Growth D %	irowth C in %
Ī		35,4 days	29,2 days	2,0%	2,4%
Ū	)	Death Rate (t-10)	C of Population	Deaths per 100K	ases per 100K
Г	1	8.7%	0.1%	3.5	50.8

						_	
2020-05-07	t-13			2020-05-06	t-14		
tal Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
3.845.718	269.567	89.649	5.712	3.756.069	263.855	93.378	6.616
owth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
2,4%	2,2%	29,4 days	32,4 days	2,5%	2,6%	27,5 days	27,3 days
ses per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
49,6	3,5	0,0%	8,7%	48,5	3,4	0,0%	8,7%

2020-05-05	1-15		
Total Cases (C)	Total Death (D)	New C	New D
3.662.691	257.239	79.636	5.702
Growth C in %	Growth D %	Double C in days	Double D in days
2,2%	2,3%	31,5 days	30,9 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
47,3	3,3	0,0%	8,7%
	Total Cases (C)  3.662.691  Growth C in %  2,2%  Cases per 100K	Total Cases (C)   Total Death (D)   3.662.691   257.239   Growth C in %   Growth D %   2,2%   2,3%   Cases per 100K   Deaths per 100K   Deaths per 100K	Total Cases (C)   Total Death (D)   New C

ı	2020-05-04	t-16			2020-05-03	t-17		
ı	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	3.583.055	251.537	76.326	4.067	3.506.729	247.470	79.145	3.657
ı	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
ı	2,2%	1,6%	32,2 days	42,5 days	2,3%	1,5%	30,4 days	46,6 days
ı	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	46,2	3,2	0,0%	8,7%	45,2	3,2	0,0%	8,9%

		_					
2020-05-02	t-18			2020-05-01	t-19		
Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
3.427.584	243.813	82.026	5.194	3.345.558	238.619	88.648	5.259
Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
2,5%	2,2%	28,6 days	32,2 days	2,7%	2,3%	25,8 days	31,1 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
44,2	3,1	0,0%	9,0%	43,2	3,1	0,0%	9,1%

2020-04-30	t-20		
Total Cases (C)	Total Death (D)	New C	New D
3.256.910	233.360	84.623	5.6
Growth C in %	Growth D %	Double C in days	Double D in
2,7%	2,5%	26,3 days	28,1 d
Cases per 100K	Deaths per 100K	C of Population	Death Rate
42,0	3,0	0,0%	9,
	Total Cases (C)  3.256.910  Growth C in %  2,7%  Cases per 100K	Total Cases (C)   Total Death (D)   3.256.910   233.360	Total Cases (C)   Total Death (D)   New C

	2020-04-29	t-21		
	Total Cases (C)	Total Death (D)	New C	New D
695	3.172.287	227.665	75.058	6.864
days	Growth C in %	Growth D %	Double C in days	Double D in days
ays	2,4%	3,1%	28,9 days	22,6 days
(t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
,2%	40,9	2,9	0,0%	9,2%

#### **Explanations:** Cases = C

Death(s) = D

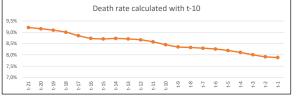
t-1:

Most recent day in report t-21: Last day in report New Cases: Compared to the day before Compared to the day before New Death:

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.





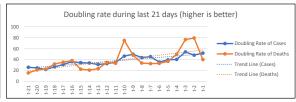
<sup>1</sup> Population from Wikipedia (DE)

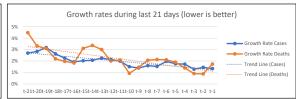
<sup>&</sup>lt;sup>2</sup> Source of original data: https://github.com/datasets/covid-19/blob/master/data/time-series-19-covid-combined.csv

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









		2020-05-19	t-1			ш
	1	Total Cases (C)	Total Death (D)	New C	New D	E
Actual Week		1.528.568	91.921	20.260	1.574	ı
	Ш	Growth C in %	Growth D %	Double C in days	Double D in days	Ε
		1,3%	1,7%	51,9 days	40,1 days	I
Ş	Ш	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	[
		467,2	28,1	0,5%	6,9%	

2020-05-18	t-2			2020-05-17	t-3		
Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
1.508.308	90.347	21.551	785	1.486.757	89.562	18.937	808
Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
1,4%	0,9%	48,2 days	79,4 days	1,3%	0,9%	54,1 days	76,5 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
461,0	27,6	0,5%	6,9%	454,4	27,4	0,5%	7,0%

	2020-05-16	t-4			2020-05-15	t-5		
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	1.467.820	88.754	24.996	1.224	1.442.824	87.530	25.050	1.632
1	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
	1,7%	1,4%	40,4 days	49,9 days	1,8%	1,9%	39,6 days	36,8 days
)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
	448,6	27,1	0,4%	7,1%	441,0	26,8	0,4%	7,1%

77.180

2,0% 32,7 day

23,6

26.90

		t-7	2020-05-13			t-6	2020-05-14
New D	New C	Total Death (D)	Total Cases (C)	New D	New C	Total Death (D)	Total Cases (C)
1.763	21.030	84.119	1.390.406	1.779	27.368	85.898	1.417.774
Double D in day	Double C in days	Growth D %	Growth C in %	Double D in days	Double C in days	Growth D %	Growth C in %
32,7 day	45,5 days	2,1%	1,5%	33,1 days	35,6 days	2,1%	2,0%
Death Rate (t-1)	C of Population	Deaths per 100K	Cases per 100K	Death Rate (t-10)	C of Population	Deaths per 100K	Cases per 100K
7,1%	0,4%	25,7	425,0	7,1%	0,4%	26,3	433,3

		2020-05-12	t-8			Г	
One week ago	1	Total Cases (C)	Total Death (D)	New C	New D	T	
		1.369.376	82.356	21.495	1.674		
			Growth C in %	Growth D %	Double C in days	Double D in days	G
		1,6%	2,1%	43,8 days	33,8 days		
E E	ı	2	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	С
0		418,6	25,2	0,4%	7,1%	ſ	

		t-10	2020-05-10			t-9	0-05-11
New D	New C	Total Death (D)	Total Cases (C)	New D	New C	Total Death (D)	Cases (C)
73	19.710	79.526	1.329.260	1.156	18.621	80.682	347.881
Double D in da	Double C in days	Growth D %	Growth C in %	Double D in days	Double C in days	Growth D %	th C in %
75,1 day	46,4 days	0,9%	1,5%	48,0 days	49,8 days	1,5%	1,4%
Death Rate (t-1	C of Population	Deaths per 100K	Cases per 100K	Death Rate (t-10)	C of Population	Deaths per 100K	per 100K
7,29	0,4%	24,3	406,3	7,1%	0,4%	24,7	412,0

2020-05-0	9	t-11			2020-05-
Total Cases (C	) To	tal Death (D)	New C	New D	Total Cases (
1.309.55	0	78.795	25.621	1.615	1.283.9
Growth C in %	Gr	owth D %	Double C in days	Double D in days	Growth C in
2,0	%	2,1%	35,1 days	33,5 days	2,
Cases per 100	K De	aths per 100K	C of Population	Death Rate (t-10)	Cases per 10
400	,3	24,1	0,4%	7,4%	39

		2020-05-07	t-13		
	New D	Total Cases (C)	Total Death (D)	New C	New D
06	1.518	1.257.023	75.662	27.692	2.20
ays	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in d
ys	34,9 days	2,3%	3,0%	31,1 days	23,4 da
on	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-
1%	7,4%	384,2	23,1	0,4%	7,5

	2020-05-06	t-14		
	Total Cases (C)	Total Death (D)	New C	New D
207	1.229.331	73.455	24.980	2.391
n days	Growth C in %	Growth D %	Double C in days	Double D in days
days	2,1%	3,4%	33,8 days	20,9 days
(t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
,5%	375,7	22,5	0,4%	7,4%

		2020-05-05	t-15		
	1	Total Cases (C)	Total Death (D)	New C	New D
ago	b	1.204.351	71.064	23.976	2.142
\$		Growth C in %	Growth D %	Double C in days	Double D in days
Two weeks ago		2,0%	3,1%	34,5 days	22,6 days
8	1	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
ŕ		368,1	21,7	0,4%	7,4%
_	-				

020-05-04	t-16			2020-05-03	t-17		
tal Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
1.180.375	68.922	22.335	1.240	1.158.040	67.682	25.501	1.313
owth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
1,9%	1,8%	36,3 days	38,2 days	2,3%	2,0%	31,1 days	35,4 days
ses per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
360,8	21,1	0,4%	7,3%	354,0	20,7	0,4%	7,5%

		<u>.</u>				_	
2020-05-02	t-18			2020-05-01	t-19		
Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
1.132.539	66.369	29.078	1.426	1.103.461	64.943	34.037	1.947
Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
2,6%	2,2%	26,6 days	31,9 days	3,2%	3,1%	22,1 days	22,8 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
346,2	20,3	0,3%	7,6%	337,3	19,9	0,3%	7,7%

		2020-04-30	t-20		
		Total Cases (C)	Total Death (D)	New C	New D
17		1.069.424	62.996	29.515	2.0
ays		Growth C in %	Growth D %	Double C in days	Double D in d
ys		2,8%	3,3%	24,8 days	21,2 da
10	Ī	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t
%		326,9	19,3	0,3%	7,8

	2020-04-29	t-21		
	Total Cases (C)	Total Death (D)	New C	New D
129	1.039.909	60.967	27.327	2.612
days	Growth C in %	Growth D %	Double C in days	Double D in days
ays	2,7%	4,5%	26,0 days	15,8 days
t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
8%	317,9	18,6	0,3%	7,8%

### **Explanations:**

Cases = C Death(s) = D

t-1:

Most recent day in report t-21: Last day in report New Cases: Compared to the day before Compared to the day before New Death:

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

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





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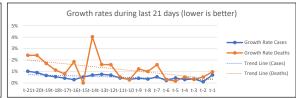
<sup>&</sup>lt;sup>2</sup> Source of original data: https://github.com/datasets/covid-19/blob/master/data/time-series-19-covid-combined.csv

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









	2020-05-19	T-1			- 1	
	Total Cases (C)	Total Death (D)	New C	New D	- 5	Ī
<del>k</del>	177.778	8.081	1.227	78	Ī	
ě	Growth C in %	Growth D %	Double C in days	Double D in days	0	Ġ
Actual Week	0,7%	1,0%	100,1 days	71,5 days	Ī	
ķ	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	0	Ċ
	214,1	9,7	0,2%	4,7%		
					_	

		t-3	2020-05-17			t-2	2020-05-18
New D	New C	Total Death (D)	Total Cases (C)	New D	New C	Total Death (D)	otal Cases (C)
24	617	7.962	176.369	41	182	8.003	176.551
Double D in days	Double C in days	Growth D %	Growth C in %	Double D in days	Double C in days	Growth D %	rowth C in %
229,6 days	197,8 days	0,3%	0,4%	135,0 days	672,0 days	0,5%	0,1%
Death Rate (t-10)	C of Population	Deaths per 100K	Cases per 100K	Death Rate (t-10)	C of Population	Deaths per 100K	ases per 100K
4,7%	0,2%	9,6	212,4	4,7%	0,2%	9,6	212,7

	ı	2020-05-16	t-4	1		2020-05-15	t-5		
Growth C in %         Growth D %         Double C in days         Growth C in %         Growth C in %         Double C in days           0,3%         0,5%         234,4 days         133,9 days         0,4%         0,2%         160,5 days         420,7 or	[	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
0,3% 0,5% 234,4 days 133,9 days 0,4% 0,2% 160,5 days 420,7 d	I	175.752	7.938	519	41	175.233	7.897	755	13
371 371 371 371 371	Ι	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
Cases per 100K Deaths per 100K C of Population Death Rate (t-10) Cases per 100K Deaths per 100K C of Population Death Rate	I	0,3%	0,5%	234,4 days	133,9 days	0,4%	0,2%	160,5 days	420,7 days
	Ι	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
<b>211,7 9,6</b> 0,2% 4,7% <b>211,1 9,5</b> 0,2% 4		211,7	9,6	0,2%	4,7%	211,1	9,5	0,2%	4,7%

		t-7	2020-05-13			t-6	2020-05-14
New D	New C	Total Death (D)	Total Cases (C)	New D	New C	Total Death (D)	otal Cases (C)
7 12	927	7.861	174.098	23	380	7.884	174.478
s Double D in da	Double C in days	Growth D %	Growth C in %	Double D in days	Double C in days	Growth D %	rowth C in %
s 44,0 da	129,8 days	1,6%	0,5%	237,3 days	317,9 days	0,3%	0,2%
Death Rate (t-	C of Population	Deaths per 100K	Cases per 100K	Death Rate (t-10)	C of Population	Deaths per 100K	ses per 100K
6 4,7	0,2%	9,5	209,7	4,7%	0,2%	9,5	210,2

	2020-05-12	t-8		
	Total Cases (C)	Total Death (D)	New C	New D
ago	173.171	7.738	595	77
×	Growth C in %	Growth D %	Double C in days	Double D in days
One week ago	0,3%	1,0%	201,4 days	69,3 days
ne.	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
O	208,6	9,3	0,2%	4,7%

020-05-11	t-9			2020-05-10	t-10	i .	
al Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
172.576	7.661	697	92	171.879	7.569	555	20
owth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
0,4%	1,2%	171,3 days	57,4 days	0,3%	0,3%	214,3 days	262,0 days
ses per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
207,9	9,2	0,2%	4,6%	207,0	9,1	0,2%	4,6%

	2020-05-09	t-11			2020-
]	Total Cases (C)	Total Death (D)	New C	New D	Total Cas
	171.324	7.549	736	39	17
]	Growth C in %	Growth D %	Double C in days	Double D in days	Growth
	0,4%	0,5%	161,0 days	133,8 days	
)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases pe
l	206,4	9,1	0,2%	4,6%	

	2020-05-08	t-12		
]	Total Cases (C)	Total Death (D)	New C	New D
,	170.588	7.510	1.158	118
s	Growth C in %	Growth D %	Double C in days	Double D in days
ŝ	0,7%	1,6%	101,8 days	43,8 days
))	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
5	205,5	9,0	0,2%	4,6%

	t-14	2020-05-06			t-13	2020-05-07
w C New D	Total Death (D)	Total Cases (C)	New D	New C	Total Death (D)	Fotal Cases (C)
1.155	7.275	168.162	117	1.268	7.392	169.430
uble C in days Double	Growth D %	Growth C in %	Double D in days	Double C in days	Growth D %	Growth C in %
.00,6 days 17	4,0%	0,7%	43,4 days	92,3 days	1,6%	0,8%
f Population Death	Deaths per 100K	Cases per 100K	Death Rate (t-10)	C of Population	Deaths per 100K	Cases per 100K
0,2%	8,8	202,6	4,6%	0,2%	8,9	204,1

		2020-05-05	t-15			2020
ı		Total Cases (C)	Total Death (D)	New C	New D	Total C
Two weeks ago	167.007	6.993	855	0	1	
	Growth C in %	Growth D %	Double C in days	Double D in days	Growth	
	0,5%	0,0%	135,0 days			
	9	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases
	ŕ	201,2	8,4	0,2%	4,4%	

020-05-04	t-16			2020-05-03	t-17		
al Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
166.152	6.993	488	127	165.664	6.866	697	54
wth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
0,3%	1,8%	235,7 days	37,8 days	0,4%	0,8%	164,4 days	87,8 days
es per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
200,1	8,4	0,2%	4,5%	199,5	8,3	0,2%	4,4%

2020-05-02	t-18			2020-05-01	t-19		
Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
164.967	6.812	890	76	164.077	6.736	1.068	1:
Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in d
0,5%	1,1%	128,1 days	61,8 days	0,7%	1,7%	106,1 days	41,0 da
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-
198,7	8,2	0,2%	4,4%	197,6	8,1	0,2%	4,5

	2020-04-30	t-20		
	Total Cases (C)	Total Death (D)	New C	New D
3	163.009	6.623	1.470	156
ıs	Growth C in %	Growth D %	Double C in days	Double D in day
S	0,9%	2,4%	76,5 days	29,1 days
O)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
ó	196,4	8,0	0,2%	4,5%

	2020-04-29	t-21		
	Total Cases (C)	Total Death (D)	New C	New D
56	161.539	6.467	1.627	153
lays	Growth C in %	Growth D %	Double C in days	Double D in day
ays	1,0%	2,4%	68,5 days	28,9 day
-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-1)
5%	194,6	7,8	0,2%	4,4%

### Explanations:

Cases = C Death(s) = D

Death(s) = D t-1: Most recent day in report

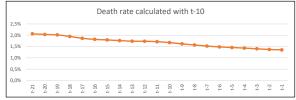
t-21: Last day in report
New Cases: Compared to the day before
New Death: Compared to the day before

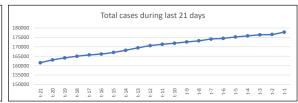
Growth Rate: Groth rate compared to the day before in percent

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

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

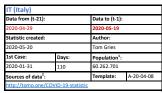




<sup>&</sup>lt;sup>1</sup> Population from Wikipedia (DE)

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

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









	2020-05-19	t-1			- 1
	Total Cases (C)	Total Death (D)	New C	New D	E
e k	226.699	32.169	813	162	ı
Š	Growth C in %	Growth D %	Double C in days	Double D in days	1
Actual Week	0,4%	0,5%	192,9 days	137,3 days	ſ
ķ	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	0
	376,2	53,4	0,4%	14,7%	

-2			2020-05-17	t-3		
eath (D) New C	New D		Total Cases (C)	Total Death (D)	New C	New D
32.007	451	99	225.435	31.908	675	145
D % Double C i	n days Double D	in days	Growth C in %	Growth D %	Double C in days	Double D in days
0,3% 346,8	days 223,7	days	0,3%	0,5%	231,1 days	152,2 days
per 100K C of Popul	ation Death Ra	te (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
53,1	0,4%	14,7%	374,1	52,9	0,4%	14,7%
	ath (D) New C  32.007  D % Double C i  0,3% 346,8  Der 100K C of Popul	ath (D) New C New D  20.007 451  D	ath (D) New C New D  12.007 451 99  D	ath (D) New C New D Total Cases (C)  12.007 451 90 225.435  D % Double C in days Double D in days Growth C in % O,3% 346,8 days 223,7 days en 100K C of Population Death Rate (t-10)  Cases per 100K C composition of the comp	ath (0) New C New D Total Cases (C) Total Death (0) 225,435 31,908 D No Occibe C days Double D in days 0,3% 346,8 days 223,7 days 0,3% 0,3% 0,5% 0 P 100K C of Population Death Rate (1-10) C cases per 100K Death sper 100K	## (10) New C New D Total Cases (C) Total Death (D) New C    12,007

020-05-16	t-4			20	120-05-15	t-5		
al Cases (C)	Total Death (D)	New C	New D	Tota	l Cases (C)	Total Death (D)	New C	New D
224.760	31.763	875	153		223.885	31.610	789	242
owth C in %	Growth D %	Double C in days	Double D in days	Gro	wth C in %	Growth D %	Double C in days	Double D in days
0,4%	0,5%	177,7 days	143,6 days		0,4%	0,8%	196,3 days	90,2 days
ses per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Case	es per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
373,0	52,7	0,4%	14,7%		371,5	52,5	0,4%	14,7%
				_				

020-05-14	t-6			2020-05-13	t-7		
al Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
223.096	31.368	992	262	222.104	31.106	888	195
wth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
0,4%	0,8%	155,5 days	82,6 days	0,4%	0,6%	173,0 days	110,2 days
es per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
370,2	52,1	0,4%	14,7%	368,6	51,6	0,4%	14,7%

_	_	2020-05-12	t-8			2020-05
		Total Cases (C)	Total Death (D)	New C	New D	Total Cases
	ago	221.216	30.911	1.402	172	219.
-	×	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in
	week	0,6%	0,6%	109,0 days	124,2 days	0
Ι.	One	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 1
Ľ	3	367,1	51,3	0,4%	14,7%	36
_						

20			t-10	2020-05-10			t-9	05-11
Tota	New D	New C	Total Death (D)	Total Cases (C)	New D	New C	Total Death (D)	ses (C)
	165	802	30.560	219.070	179	744	30.739	9.814
Gro	Double D in days	Double C in days	Growth D %	Growth C in %	Double D in days	Double C in days	Growth D %	C in %
	128,0 days	189,0 days	0,5%	0,4%	118,7 days	204,4 days	0,6%	0,3%
Cas	Death Rate (t-10)	C of Population	Deaths per 100K	Cases per 100K	Death Rate (t-10)	C of Population	Deaths per 100K	r 100K
	14,7%	0,4%	50,7	363,5	14,7%	0,4%	51,0	364,8

_				_		
	t-12	2020-05-08			t-11	2020-05-09
New C	Total Death (D)	Total Cases (C)	New D	New C	Total Death (D)	Total Cases (C)
1.327	30.201	217.185	194	1.083	30.395	218.268
Double C in days	Growth D %	Growth C in %	Double D in days	Double C in days	Growth D %	Growth C in %
113,1 days	0,8%	0,6%	108,3 days	139,4 days	0,6%	0,5%
C of Population	Deaths per 100K	Cases per 100K	Death Rate (t-10)	C of Population	Deaths per 100K	Cases per 100K
0,4%	50,1	360,4	14,8%	0,4%	50,4	362,2

d			_					_	
ı	2020-05-07	t-13				2020-05-06	t-14		
ı	Total Cases (C)	Total Death (D)	New C	New D	]	Total Cases (C)	Total Death (D)	New C	New
	215.858	29.958	1.401	274	1	214.457	29.684	1.444	
ı	Growth C in %	Growth D %	Double C in days	Double D in days	1	Growth C in %	Growth D %	Double C in days	Dou
	0,7%	0,9%	106,4 days	75,4 days		0,7%	1,3%	102,6 days	
ı	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	)	Cases per 100K	Deaths per 100K	C of Population	Deat
	358,2	49,7	0,4%	14,9%	1	355,9	49,3	0,4%	

		2020-05-05	t-15			Г
	1	Total Cases (C)	Total Death (D)	New C	New D	т
ago		213.013	29.315	1.075	236	ſ
S		Growth C in %	Growth D %	Double C in days	Double D in days	Ü
Two weeks		0,5%	0,8%	137,0 days	85,8 days	
8		Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	O
ŕ		353,5	48,6	0,4%	14,8%	

020-05-04	t-16			2020-05-03	t-17		
al Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
211.938	29.079	1.221	195	210.717	28.884	1.389	174
owth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
0,6%	0,7%	120,0 days	103,0 days	0,7%	0,6%	104,8 days	114,7 days
ses per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
351,7	48,3	0,4%	14,9%	349,7	47,9	0,3%	15,0%

		_					_	
2020-05-02	t-18				2020-05-01	t-19		
Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D
209.328	28.710	1.900	474		207.428	28.236	1.965	269
Growth C in %	Growth D %	Double C in days	Double D in days		Growth C in %	Growth D %	Double C in days	Double D in days
0,9%	1,7%	76,0 days	41,6 days		1,0%	1,0%	72,8 days	72,4 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Ī	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
347,4	47,6	0,3%	15,1%		344,2	46,9	0,3%	15,1%

2020-04-30	t-20		
Total Cases (C)	Total Death (D)	New C	New D
205.463	27.967	1.872	285
Growth C in %	Growth D %	Double C in days	Double D in days
0,9%	1,0%	75,7 days	67,7 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
340,9	46,4	0,3%	15,2%

85,8 days eath Rate (t-10)

	- 1	2020-04-29	t-21	i	
٦		Total Cases (C)	Total Death (D)	New C	New D
5		203.591	27.682	2.086	323
/S		Growth C in %	Growth D %	Double C in days	Double D in days
s		1,0%	1,2%	67,3 days	59,1 days
0)		Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
6		337,8	45,9	0,3%	15,3%

### Explanations:

Cases = C Death(s) = D

t-1: Most recent day in report t-21: Last day in report

t-21: Last day in report

New Cases: Compared to the day before

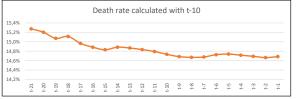
New Death: Compared to the day before

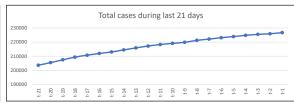
Growth Rate: Groth rate compared to the day before in percent

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

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)

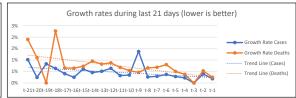
 $<sup>^2 \</sup> Source \ of \ original \ data: https://github.com/datasets/covid-19/blob/master/data/time-series-19-covid-combined.csv$ 

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









	2020-05-19	t-1			П	ı
	Total Cases (C)	Total Death (D)	New C	New D	D	To
ek	232.037	27.778	431	69	Ī	
Νe	Growth C in %	Growth D %	Double C in days	Double D in days	0	ĜI
Actual Week	0,2%	0,2%	372,8 days	278,7 days	Ī	
ζ¢	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	0	Ċ
,	496,6	59,5	0,5%	12,4%		

2020-05-18	t-2			2020-05-17	t-3		
Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
231.606	27.709	908	146	230.698	27.563	0	0
Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
0,4%	0,5%	176,5 days	131,2 days	0,0%	0,0%		
ases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
495,7	59,3	0,5%	12,4%	493,8	59,0	0,5%	12,4%

2020-05-16	T-4			2020-05-15	T-5		
otal Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
230.698	27.563	515	104	230.183	27.459	643	138
rowth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in day:
0,2%	0,4%	310,2 days	183,4 days	0,3%	0,5%	247,8 days	137,6 days
ases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
493,8	59,0	0,5%	12,4%	492,7	58,8	0,5%	12,5%

2020-05-14	t-6	l		П
Total Cases (C)	Total Death (D)	New C	New D	To
229.540	27.321	849	217	
Growth C in %	Growth D %	Double C in days	Double D in days	G
0,4%	0,8%	187,1 days	86,9 days	
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Ca
491,3	58,5	0,5%	12,5%	

		2020-05-13	t-7		
		Total Cases (C)	Total Death (D)	New C	New D
7		228.691	27.104	661	18
iys		Growth C in %	Growth D %	Double C in days	Double D in da
/S		0,3%	0,7%	239,5 days	101,8 day
10	1	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-:
%		489,5	58,0	0,5%	12,4

	2020-05-12	t-8			Г
	Total Cases (C)	Total Death (D)	New C	New D	Te
ago	228.030	26.920	594	176	
	Growth C in %	Growth D %	Double C in days	Double D in days	G
One week ago	0,3%	0,7%	265,7 days	105,7 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Ca
	488,0	57,6	0,5%	12,4%	
		Total Cases (C)  228.030  Growth C in %  0,3%  Cases per 100K	Total Cases (C)	Total Cases (C)   Total Death (D)   New C	Total Cases (C)   Total Death (D)   New C   New D

020-05-11	t-9			2020-05-10	t-10	
tal Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C
227.436	26.744	3.086	123	224.350	26.621	
owth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C
1,4%	0,5%	50,7 days	150,4 days	0,3%	0,5%	201,1
ses per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Popu
486,8	57,2	0,5%	12,3%	480,2	57,0	

	2020-05-09	t-11	
	Total Cases (C)	Total Death (D)	New C
143	223.578	26.478	721
days	Growth C in %	Growth D %	Double C in days
ays	0,3%	0,7%	214,6 days
(t-10)	Cases per 100K	Deaths per 100K	C of Population
,4%	478,5	56,7	0,5%

	2020-05-08	t-12		
New D	Total Cases (C)	Total Death (D)	New C	New D
179	222.857	26.299	1.410	229
Double D in days	Growth C in %	Growth D %	Double C in days	Double D in day:
102,2 days	0,6%	0,9%	109,2 days	79,3 days
Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
12,4%	477,0	56,3	0,5%	12,4%

24.543

0,0%

52,5

83,4

2020-05-07	t-13		
Total Cases (C)	Total Death (D)	New C	New D
221.447	26.070	1.122	213
Growth C in %	Growth D %	Double C in days	Double D in days
0,5%	0,8%	136,5 days	84,5 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
474,0	55,8	0,5%	12,4%

	2020-05-06	t-14		
	Total Cases (C)	Total Death (D)	New C	New D
213	220.325	25.857	996	244
days	Growth C in %	Growth D %	Double C in days	Double D in days
ays	0,5%	1,0%	153,0 days	73,1 days
(t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
,4%	471,6	55,3	0,5%	12,3%

		2020-05-05	t-15		
		Total Cases (C)	Total Death (D)	New C	New D
Two weeks ago		219.329	25.613	1.318	185
		Growth C in %	Growth D %	Double C in days	Double D in days
		0,6%	0,7%	115,0 days	95,6 days
		Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
F	ĺ	469,4	54,8	0,5%	12,3%

2020-05-04	t-16			2020-05-03	t-17		
Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
218.011	25.428	545	164	217.466	25.264	884	164
Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
0,3%	0,6%	276,9 days	107,1 days	0,4%	0,7%	170,2 days	106,4 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
466,6	54,4	0,5%	12,3%	465,4	54,1	0,5%	12,4%

			2020-05-02	t-18			2020-05-01	ſ
(D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Т
264	884	164	216.582	25.100	1.366	557	215.216	ſ
6	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Ġ
,7%	170,2 days	106,4 days	0,6%	2,3%	109,6 days	30,9 days	0,8%	
100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Е
54,1	0,5%	12,4%	463,5	53,7	0,5%	11,8%	460,6	

		2020-04-30	t-20	
	New D	Total Cases (C)	Total Death (D)	New C
.781	0	213.435	24.543	518
n days	Double D in days	Growth C in %	Growth D %	Double C in days
days		0,2%	1,1%	285,3 days
ation	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population
0,5%	11,8%	456,8	52,5	0,5%

	2020-04-29	t-21		
lew D	Total Cases (C)	Total Death (D)	New C	New D
268	212.917	24.275	2.144	453
Oouble D in days	Growth C in %	Growth D %	Double C in days	Double D in day
63,1 days	1,0%	1,9%	68,5 days	36,8 days
eath Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-1)
12,0%	455,7	52,0	0,5%	12,1%

### **Explanations:**

Cases = C Death(s) = D

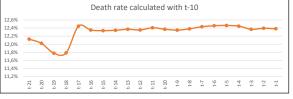
t-1:

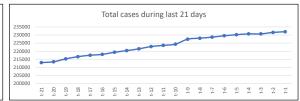
Most recent day in report t-21: Last day in report New Cases: Compared to the day before Compared to the day before New Death:

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

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



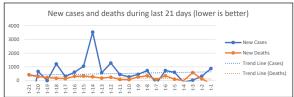


<sup>1</sup> Population from Wikipedia (DE)

<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)**





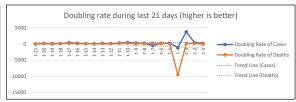
28.062

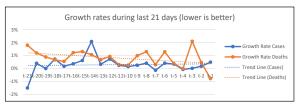
41,9

2,1% 3722,5 days

0,3%

391,4 days 127,3 day 0,2%





2020-05-19	t-1			ı
Total Cases (C)	Total Death (D)	New C	New D	- [
178.428	27.976	874	-217	I
Growth C in %	Growth D %	Double C in days	Double D in days	- [
0,5%	-0,8%	141,2 days	-89,7 days	١
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	[
266,3	41,8	0,3%	16,0%	l
	Total Cases (C)  178.428  Growth C in %  0,5%  Cases per 100K	Total Cases (C)   Total Death (D)   178.428   27.976   Growth C in %   Growth D %   0,5%   -0,8%   Cases per 100K   Deaths per 100K   Deaths per 100K   Cases per 100K   Deaths per 100K   Cases per 100K   Deaths per 100K   Deat	Total Cases (C)   Total Death (D)   New C	Total Cases (C)         Total Death (D)         New C         New D           178.428         27.976         874         -2.17           Growth C is:         Growth D is:         Double C in days         Ouble D in days           0,5%         -0,8%         141,2 days         -89,7 days           Cases per 100k         Deaths per 100k         c of Population         Death Rate (t-10)

2020-05-18	t-2			2020-05-17
Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)
177.554	28.193	314	131	177.240
Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %
0,2%	0,5%	391,6 days	148,8 days	0,0%
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K
265,0	42,1	0,3%	16,1%	264,6

	2020-05-16	T-4			п
New D	Total Cases (C)	Total Death (D)	New C	New D	E
579	177.207	27.483	-112	-2	
Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	3
33,2 days	-0,1%	0,0%	*******	########	I
Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	3
16,1%	264,5	41,0	0,3%	15,9%	I
					-

	2020-05-15	t-5		
]	Total Cases (C)	Total Death (D)	New C	New D
1	177.319	27.485	607	104
s	Growth C in %	Growth D %	Double C in days	Double D in days
1	0,3%	0,4%	202,1 days	182,8 days
))	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
,	264,7	41,0	0,3%	15,9%

	2020-05-14	t-6		
1	Total Cases (C)	Total Death (D)	New C	New D
	176.712	27.381	731	349
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,4%	1,3%	167,2 days	54,0 days
)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	263,8	40,9	0,3%	16,2%

		2020-05-13	t-7		
		Total Cases (C)	Total Death (D)	New C	New D
9		175.981	27.032	-226	8
ys		Growth C in %	Growth D %	Double C in days	Double D in da
/S		-0,1%	0,3%	-540,1 days	231,0 day
10	1	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-
%		262,7	40,4	0,3%	16,1

	2020-05-12	t-8			202
	Total Cases (C)	Total Death (D)	New C	New D	Total 0
gge	176.207	26.951	728	347	1
*	Growth C in %	Growth D %	Double C in days	Double D in days	Growt
One week ago	0,4%	1,3%	167,4 days	53,5 days	
l e	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases
10	263,0	40,2	0,3%	16,1%	

		t-10	2020-05-10			t-9	020-05-11
New D	New C	Total Death (D)	Total Cases (C)	New D	New C	Total Death (D)	al Cases (C)
70	269	26.341	175.027	263	452	26.604	175.479
Double D in days	Double C in days	Growth D %	Growth C in %	Double D in days	Double C in days	Growth D %	wth C in %
260,5 days	450,7 days	0,3%	0,2%	69,8 days	268,8 days	1,0%	0,3%
Death Rate (t-10)	C of Population	Deaths per 100K	Cases per 100K	Death Rate (t-10)	C of Population	Deaths per 100K	es per 100K
15,9%	0,3%	39,3	261,3	15,9%	0,3%	39,7	261,9
·							

	2020-05-09	t-11		
	Total Cases (C)	Total Death (D)	New C	New D
70	174.758	26.271	440	79
n days	Growth C in %	Growth D %	Double C in days	Double D in days
days	0,3%	0,3%	275,0 days	230,2 days
e (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
5,9%	260,9	39,2	0,3%	15,8%

t-12		
Total Death (D)	New C	New D
26.192	1.278	243
Growth D %	Double C in days	Double D in days
0,9%	94,2 days	74,4 days
Deaths per 100K	C of Population	Death Rate (t-10)
39,1	0,3%	15,9%
	Total Death (D)  26.192  Growth D %  0,9%  Deaths per 100K	Total Death (D) New C  26.192 1.278  Growth D % Double C in days  0,9% 94,2 days  Deaths per 100K C of Population

		2020-05-07	t-13		
		Total Cases (C)	Total Death (D)	New C	New D
13		173.040	25.949	575	177
ays		Growth C in %	Growth D %	Double C in days	Double D in days
ys		0,3%	0,7%	208,2 days	101,3 days
10)	Ī	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
%		258,3	38,7	0,3%	15,5%

	2020-05-06	t-14		
	Total Cases (C)	Total Death (D)	New C	New D
177	172.465	25.772	3.530	274
days	Growth C in %	Growth D %	Double C in days	Double D in days
ays	2,1%	1,1%	33,5 days	64,8 days
t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
5%	257,4	38,5	0,3%	15,7%

	2020-05-05	t-15		
П	Total Cases (C)	Total Death (D)	New C	New D
ago	168.935	25.498	1.049	330
S	Growth C in %	Growth D %	Double C in days	Double D in days
rwo weeks	0,6%	1,3%	111,3 days	53,2 days
8	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
ŕ	252,2	38,1	0,3%	15,9%

2020-05-04	t-16			2020-05-03	t-17
Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)
167.886	25.168	614	304	167.272	24.864
Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %
0,4%	1,2%	189,2 days	57,0 days	0,2%	0,5%
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K
250,6	37,6	0,3%	15,7%	249,7	37,1

	2020-05-02	t-18		
	Total Cases (C)	Total Death (D)	New C	New D
35	166.976	24.729	1.212	166
ays	Growth C in %	Growth D %	Double C in days	Double D in days
ys	0,7%	0,7%	95,1 days	102,9 days
10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
%	249,2	36,9	0,2%	15,7%

2020-05-01	t-19		
Total Cases (C)	Total Death (D)	New C	New D
165.764	24.563	0	218
Growth C in %	Growth D %	Double C in days	Double D in days
0,0%	0,9%		77,8 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
247,4	36,7	0,2%	15,9%

	2020-04-30	t-20		
1	Total Cases (C)	Total Death (D)	New C	New D
	165.764	24.345	671	289
1	Growth C in %	Growth D %	Double C in days	Double D in days
	0,4%	1,2%	170,9 days	58,0 days
)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	247,4	36,3	0,2%	15,5%

	2020-04-29	t-21		
	Total Cases (C)	Total Death (D)	New C	New D
289	165.093	24.056	-2.512	427
days	Growth C in %	Growth D %	Double C in days	Double D in days
ays	-1,5%	1,8%	-45,9 days	38,7 days
(t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
5%	246,4	35,9	0,2%	15,6%

#### Explanations:

Cases = C Death(s) = D

New Death:

t-1:

Most recent day in report t-21: Compared to the day before New Cases:

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 Not used because this is not an official and countable number

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



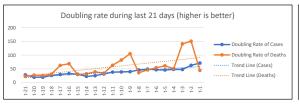


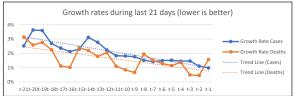
<sup>&</sup>lt;sup>2</sup> Source of original data: https://github.com/datasets/covid-19/blob/master/data/time-series-19-covid-combined.csv

### **COVID-19 Statistics UK (United Kingdom)**









	2020-05-19	t-1			Г
	Total Cases (C)	Total Death (D)	New C	New D	-
<del>×</del>	250.138	35.422	2.429	546	
š	Growth C in %	Growth D %	Double C in days	Double D in days	0
Actual Week	1,0%	1,6%	71,0 days	44,6 days	
ğ	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	0
_	376,5	53,3	0,4%	16,1%	

2020-05-18	t-2			2020-05-17	t-3		
Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
247.709	34.876	2.714	160	244.995	34.716	3.534	170
Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
1,1%	0,5%	62,9 days	150,7 days	1,5%	0,5%	47,7 days	141,2 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
372,9	52,5	0,4%	16,1%	368,8	52,3	0,4%	16,3%

020-05-16	t-4			2020-05-15	t-5		
al Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
241.461	34.546	3.457	468	238.004	34.078	3.564	385
wth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
1,5%	1,4%	48,1 days	50,8 days	1,5%	1,1%	45,9 days	61,0 days
es per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
363,5	52,0	0,4%	16,6%	358,2	51,3	0,4%	16,8%

		t-7	2020-05-13			t-6	020-05-14
New D	New C	Total Death (D)	Total Cases (C)	New D	New C	Total Death (D)	al Cases (C)
495	3.244	33.264	230.985	429	3.455	33.693	234.440
Double D in days	Double C in days	Growth D %	Growth C in %	Double D in days	Double C in days	Growth D %	wth C in %
46,2 days	49,0 days	1,5%	1,4%	54,1 days	46,7 days	1,3%	1,5%
Death Rate (t-10)	C of Population	Deaths per 100K	Cases per 100K	Death Rate (t-10)	C of Population	Deaths per 100K	es per 100K
17,3%	0,3%	50,1	347,7	17,2%	0,4%	50,7	352,9

		2020-05-12	t-8				Γ
		Total Cases (C)	Total Death (D)	New C	New D	П	Т
	ge	227.741	32.769	3.409	628		ſ
	*	Growth C in %	Growth D %	Double C in days	Double D in days		¢
	One week ago	1,5%	2,0%	46,0 days	35,8 days		ſ
	e l	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		Ć
	0	342,8	49,3	0,3%	17,4%		ĺ
							_

2020-05-11	t-9			2020-05-10	t-10		
Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
224.332	32.141	3.883	211	220.449	31.930	3.924	26
Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in da
1,8%	0,7%	39,7 days	105,2 days	1,8%	0,8%	38,6 days	82,2 day
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-2
337,7	48,4	0,3%	17,5%	331,8	48,1	0,3%	17,99

2020-05-09	t-11		
Total Cases (C)	Total Death (D)	New C	New D
216.525	31.662	3.896	346
Growth C in %	Growth D %	Double C in days	Double D in days
1,8%	1,1%	,,.	63,1 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
325,9	47,7	0,3%	18,4%

2020-05-08	t-12		
Total Cases (C)	Total Death (D)	New C	New D
212.629	31.316	4.652	627
Growth C in %	Growth D %	Double C in days	Double D in days
2,2%	2,0%	31,3 days	34,3 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
320,1	47,1	0,3%	18,8%

2020-05-07	t-13		
Total Cases (C)	Total Death (D)	New C	New D
207.977	30.689	5.618	539
Growth C in %	Growth D %	Double C in days	Double D in days
2,8%	1,8%	25,3 days	39,1 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
313,1	46,2	0,3%	18,9%

	2020-05-06	t-14		
	Total Cases (C)	Total Death (D)	New C	New D
39	202.359	30.150	6.116	649
days	Growth C in %	Growth D %	Double C in days	Double D in day:
ays	3,1%	2,2%	22,6 days	31,9 days
t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
9%	304,6	45,4	0,3%	19,0%

	2020-05-05	t-15		
	Total Cases (C)	Total Death (D)	New C	New D
ago	196.243	29.501	4.411	692
S S	Growth C in %	Growth D %	Double C in days	Double D in days
rwo weeks	2,3%	2,4%	30,5 days	29,2 days
Ş	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
ŕ	295,4	44,4	0,3%	19,2%

		t-17	2020-05-03			t-16	2020-05-04
New D	New C	Total Death (D)	Total Cases (C)	New D	New C	Total Death (D)	tal Cases (C)
315	4.342	28.520	187.842	289	3.990	28.809	191.832
Double D in days	Double C in days	Growth D %	Growth C in %	Double D in days	Double C in days	Growth D %	owth C in %
62,4 days	29,6 days	1,1%	2,4%	68,7 days	33,0 days	1,0%	2,1%
Death Rate (t-10)	C of Population	Deaths per 100K	Cases per 100K	Death Rate (t-10)	C of Population	Deaths per 100K	ses per 100K
19,7%	0,3%	42,9	282,7	19,3%	0,3%	43,4	288,7

		2020-05-02	t-18			l
	ĺ	Total Cases (C)	Total Death (D)	New C	New D	Ġ
;		183.500	28.205	4.815	622	ſ
s		Growth C in %	Growth D %	Double C in days	Double D in days	¢
ò		2,7%	2,3%	26,1 days	31,1 days	l
))		Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	¢
,		276,2	42,5	0,3%	20,3%	

t-19			
Total Death (D)	New C	New D	
27.583	6.204	741	
Growth D %	Double C in days	Double D in days	
2,8%	19,6 days	25,5 days	
Deaths per 100K	C of Population	Death Rate (t-10)	
41,5	0,3%	20,5%	
	70tal Death (D) 27.583 Growth D % 2,8% Deaths per 100K	Total Death (D) New C  27.583 6.204  Growth D % Double C in days  2,8% 19,6 days  Deaths per 100K C of Population	Total Death (D)   New C   New D

	2020-04-30	t-20		
	Total Cases (C)	Total Death (D)	New C	New D
L	172.481	26.842	6.040	676
ıs	Growth C in %	Growth D %	Double C in days	Double D in days
s	3,6%	2,6%	19,4 days	27,2 days
O)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
ó	259,6	40,4	0,3%	20,6%

			_	
	2020-04-29	t-21		
	Total Cases (C)	Total Death (D)	New C	New D
576	166.441	26.166	4.091	797
days	Growth C in %	Growth D %	Double C in days	Double D in days
ays	2,5%	3,1%	27,9 days	22,4 days
t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
6%	250,5	39,4	0,3%	20,8%

#### Explanations:

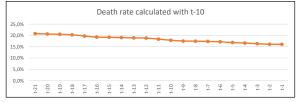
Cases = C Death(s) = D

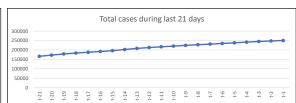
t-1: Most recent day in report t-21: New Cases: Compared to the day before New Death: Compared to the day before

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

The time it takes until the actual cases/deathes are doubled in days Not used because this is not an official and countable number

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





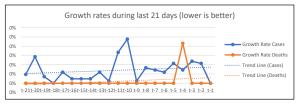
<sup>&</sup>lt;sup>2</sup> Source of original data: https://github.com/datasets/covid-19/blob/master/data/time-series-19-covid-combined.csv

## **COVID-19 Statistics CN (China)**









	2020-05-19	t-1			
	Total Cases (C)	Total Death (D)	New C	New D	7
송	84.063	4.638	0	0	
Νe	Growth C in %	Growth D %	Double C in days	Double D in days	¢
Actual Week	0,0%	0,0%			
β¢	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	ú
,	6,0	0,3	0,0%	5,5%	

020-05-18	t-2			2020-05-17	t-3		
tal Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
84.063	4.638	9	0	84.054	4.638	10	0
owth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
0,0%	0,0%	6473,9 days		0,0%	0,0%	5825,8 days	
ses per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
6,0	0,3	0,0%	5,5%	6,0	0,3	0,0%	5,5%

2020-05-16	t-4			2020-05-15	t-5		
otal Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
84.044	4.638	6	1	84.038	4.637	9	Ü
rowth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in day
0,0%	0,0%	9708,8 days	3214,5 days	0,0%	0,0%	6472,0 days	
ises per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-1
6,0	0,3	0,0%	5,5%	6,0	0,3	0,0%	5,5%

		t-7	2020-05-13			t-6	020-05-14
New D	New C	Total Death (D)	Total Cases (C)	New D	New C	Total Death (D)	al Cases (C)
0	6	4.637	84.024	0	5	4.637	84.029
Double D in days	Double C in days	Growth D %	Growth C in %	Double D in days	Double C in days	Growth D %	wth C in %
	9706,5 days	0,0%	0,0%		########	0,0%	0,0%
Death Rate (t-10	C of Population	Deaths per 100K	Cases per 100K	Death Rate (t-10)	C of Population	Deaths per 100K	es per 100K
5,5%	0,0%	0,3	6,0	5,5%	0,0%	0,3	6,0

		2020-05-12	t-8			2
1		Total Cases (C)	Total Death (D)	New C	New D	Tot
	ago	84.018	4.637	7	0	
	×	Growth C in %	Growth D %	Double C in days	Double D in days	Gr
	One week ago	0,0%	0,0%	8319,2 days		
	e l	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Ca
	0	6,0	0,3	0,0%	5,5%	
-						

2020-05-11	t-9			2020-05-10	t-10		
tal Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
84.011	4.637	1	0	84.010	4.637	20	0
owth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
0,0%	0,0%	########		0,0%	0,0%	2911,2 days	
ses per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
6,0	0,3	0,0%	5,5%	6,0	0,3	0,0%	5,5%

	2020-05-09	t-11		
1	Total Cases (C)	Total Death (D)	New C	New D
l	83.990	4.637	14	0
1	Growth C in %	Growth D %	Double C in days	Double D in days
l	0,0%	0,0%	4158,0 days	
)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
l	6,0	0,3	0,0%	5,5%

	2020-05-08	t-12		
]	Total Cases (C)	Total Death (D)	New C	New D
	83.976	4.637	1	0
]	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	********	
)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-07	t-13			ı	2
1	Total Cases (C)	Total Death (D)	New C	New D		To
	83.975	4.637	5	0		
1	Growth C in %	Growth D %	Double C in days	Double D in days		Gr
	0,0%	0,0%	########			
)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		Ca
	6,0	0,3	0,0%	5,5%		

	2020-05-06	t-14		
	Total Cases (C)	Total Death (D)	New C	New D
0	83.970	4.637	2	
ays	Growth C in %	Growth D %	Double C in days	Double D in da
-	0,0%	0,0%	########	
10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-1
%	6,0	0,3	0,0%	5,59

	2020-05-05	t-15		
	Total Cases (C)	Total Death (D)	New C	New D
ago	83.968	4.637	2	0
S S	Growth C in %	Growth D %	Double C in days	Double D in days
rwo weeks	0,0%	0,0%	########	
Ş	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
ŕ	6,0	0,3	0,0%	5,5%

202	0-05-04	t-16			2020-05-03	t-17		
Total (	Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	83.966	4.637	2	0	83.964	4.637	5	0
Growt	th C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	########		0,0%	0,0%	########	
Cases	per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%	6,0	0,3	0,0%	5,5%

2020-05-02	t-18		
Total Cases (C)	Total Death (D)	New C	New D
83.959	4.637	0	0
Growth C in %	Growth D %	Double C in days	Double D in days
0,0%	0,0%		
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
6,0	0,3	0,0%	5,5%

Γ			t-19	2020-05-01
ı	New D	New C	Total Death (D)	Total Cases (C)
Ī	0	3	4.637	83.959
-	Double D in days	Double C in days	Growth D %	Growth C in %
ı		***********	0,0%	0,0%
	Death Rate (t-10)	C of Population	Deaths per 100K	Cases per 100K
	5,5%	0,0%	0,3	6,0

	2020-04-30	t-20		
]	Total Cases (C)	Total Death (D)	New C	New D
	83.956	4.637	12	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	4849,1 days	
)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
	6,0	0,3	0,0%	5,5%

			_	
	2020-04-29	t-21		
	Total Cases (C)	Total Death (D)	New C	New D
0	83.944	4.637	4	0
days	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	#########	
(t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
,5%	6,0	0,3	0,0%	5,5%

#### Explanations:

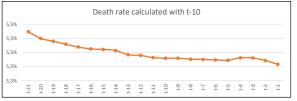
Cases = C Death(s) = D

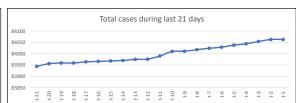
t-1: Most recent day in report
t-21: Last day in report
New Cases: Compared to the day before
New Death: Compared to the day before

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.





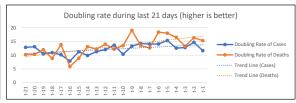
<sup>&</sup>lt;sup>1</sup> Population from Wikipedia (DE

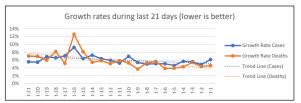
 $<sup>^2\,</sup>Source\ of\ original\ data: https://github.com/datasets/covid-19/blob/master/data/time-series-19-covid-combined.csv$ 

### **COVID-19 Statistics IN (India)**









		2020-05-19	T-1				
ı		Total Cases (C)	Total Death (D)	New C	New D	ı	Ĕ
	ek	106.475	3.302	6.147	146	ı	
ı	Νe	Growth C in %	Growth D %	Double C in days	Double D in days	ı	G
	Actual Week	6,1%	4,6%	11,7 days	15,3 days	ı	
ı	ζ¢	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	ı	ü
	,	7,8	0,2	0,0%	4,9%	ı	
							Т

		t-3	2020-05-17			t-2	2020-05-18
New D	New C	Total Death (D)	Total Cases (C)	New D	New C	Total Death (D)	Total Cases (C)
154	5.050	3.025	95.698	131	4.630	3.156	100.328
Double D in days	Double C in days	Growth D %	Growth C in %	Double D in days	Double C in days	Growth D %	Growth C in %
13,3 days	12,8 days	5,4%	5,6%	16,4 days	14,7 days	4,3%	4,8%
Death Rate (t-10)	C of Population	Deaths per 100K	Cases per 100K	Death Rate (t-10)	C of Population	Deaths per 100K	Cases per 100K
5,1%	0,0%	0,2	7,0	5,0%	0,0%	0,2	7,3

-[	2020-05-16	t-4			2020-05-15	t-5		
- [	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
I	90.648	2.871	4.864	118	85.784	2.753	3.787	104
Ι	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
I	5,7%	4,3%	12,6 days	16,5 days	4,6%	3,9%	15,4 days	18,0 days
Ι	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,6	0,2	0,0%	5,1%	6,3	0,2	0,0%	5,2%

20-05-14	t-6			2020-05-13	t-7		
l Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
81.997	2.649	3.942	98	78.055	2.551	3.763	136
vth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in day
5,1%	3,8%	14,1 days	18,4 days	5,1%	5,6%	14,0 days	12,7 days
s per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
6,0	0,2	0,0%	5,4%	5,7	0,2	0,0%	5,5%

		2020-05-12	t-8			1
ı		Total Cases (C)	Total Death (D)	New C	New D	To
ı	ago	74.292	2.415	3.524	121	
ı	X	Growth C in %	Growth D %	Double C in days	Double D in days	Gı
ı	One week ago	5,0%	5,3%	14,3 days	13,5 days	
ı	ë	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Ca
ı	U	5,4	0,2	0,0%	5,7%	
•						

2020-05-11	t-9			2020-05-10	t-10		
ital Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
70.768	2.294	3.607	82	67.161	2.212	4.353	111
owth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
5,4%	3,7%	13,2 days	19,0 days	6,9%	5,3%	10,3 days	13,5 days
ises per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
5,2	0,2	0,0%	5,8%	4,9	0,2	0,0%	5,9%

2020-05-09	t-11		
Total Cases (C)	Total Death (D)	New C	New D
62.808	2.101	3.113	116
Growth C in %	Growth D %	Double C in days	Double D in days
5,2%	5,8%	13,6 days	12,2 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
4,6	0,2	0,0%	6,0%

	2020-05-08	t-12		
]	Total Cases (C)	Total Death (D)	New C	New D
;	59.695	1.985	3.344	96
s	Growth C in %	Growth D %	Double C in days	Double D in days
s	5,9%	5,1%	12,0 days	14,0 days
))	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
Š	4,4	0,1	0,0%	6,0%

t-19

1.223

6.0%

_						
ſ			t-13	2020-05-07		
Ī	New D	New C	Total Death (D)	Total Cases (C)	1	
ſ	104	3.364	1.889	56.351	5	6
0	Double D in days	Double C in days	Growth D %	Growth C in %	S	ys
l	12,2 days	11,3 days	5,8%	6,3%	5	rs
Ī	Death Rate (t-10)	C of Population	Deaths per 100K	Cases per 100K	))	0
ſ	6,0%	0,0%	0,1	4,1	5	%

t-20

1.154

7,0%

1.801

13,1 days of Population 0,0%

	2020-05-06	t-14		
	Total Cases (C)	Total Death (D)	New C	New D
104	52.987	1.785	3.587	92
days	Growth C in %	Growth D %	Double C in days	Double D in days
lays	7,3%	5,4%	9,9 days	13,1 days
(t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
,0%	3,9	0,1	0,0%	6,1%
,0%	3,9	0,1	0,0%	6,1%

2020-05-05	t-15		
Total Cases (C)	Total Death (D)	New C	New D
49.400	1.693	2.963	127
Growth C in %	Growth D %	Double C in days	Double D in days
6,4%	8,1%	11,2 days	8,9 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
3,6	0,1	0,0%	6,1%
	Total Cases (C)  49.400  Growth C in %  6,4%  Cases per 100K	Total Cases (C)   Total Death (D)   49.400   1.693	Total Cases (C)   Total Death (D)   New C

2020-05-04	t-16			2020-05-03	t-17		
ital Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
46.437	1.566	3.932	175	42.505	1.391	2.806	6
owth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in da
9,3%	12,6%	7,8 days	5,8 days	7,1%	5,1%	10,1 days	13,8 da
ises per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-
3,4	0,1	0,0%	6,0%	3,1	0,1	0,0%	5,7

2020-05-02	t-18			2020-05-0
Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C
39.699	1.323	2.442	100	37.25
Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %
6,6%	8,2%	10,9 days	8,8 days	6,9
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100
2,9	0,1	0,0%	5,7%	2,
	Total Cases (C)  39.699  Growth C in %  6,6%  Cases per 100K	Total Cases (C)   Total Death (D)   39.699   1.323	Total Cases (C)   Total Death (D)   New C	Total Cases (C)   Total Death (D)   New C   New D

		2020-04-30
New C	New D	Total Cases (C)
2.394	69	34.86
Double C in days	Double D in days	Growth C in %
10,4 days	11,9 days	5,49
C of Population	Death Rate (t-10)	Cases per 100K
0,0%	5,7%	2,

	2020-04-29	t-21		
v D	Total Cases (C)	Total Death (D)	New C	New D
75	33.062	1.079	1.738	71
ble D in days	Growth C in %	Growth D %	Double C in days	Double D in day
10,3 days	5,5%	7,0%	12,8 days	10,2 days
th Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
5,7%	2,4	0,1	0,0%	5,8%

#### Explanations:

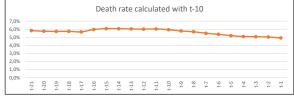
Cases = C Death(s) = D

t-1: Most recent day in report
t-21: Last day in report
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

Firme 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)

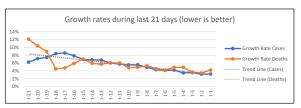
 $<sup>^2\,</sup>Source\ of\ original\ data: https://github.com/datasets/covid-19/blob/master/data/time-series-19-covid-combined.csv$ 

### **COVID-19 Statistics RU (Russia)**









	2020-05-19	t-1			ı
	Total Cases (C)	Total Death (D)	New C	New D	Ī
¥	299.941	2.837	9.263	115	Γ
Š	Growth C in %	Growth D %	Double C in days	Double D in days	¢
Actual Week	3,2%	4,2%	22,1 days	16,8 days	ſ
ķ	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	¢
	204,2	1,9	0,2%	1,4%	
					Τ

		t-3	2020-05-17			t-2	2020-05-18
New D	New C	Total Death (D)	Total Cases (C)	New D	New C	Total Death (D)	otal Cases (C)
94	9.709	2.631	281.752	91	8.926	2.722	290.678
Double D in day	Double C in days	Growth D %	Growth C in %	Double D in days	Double C in days	Growth D %	Frowth C in %
19,1 days	19,8 days	3,7%	3,6%	20,4 days	22,2 days	3,5%	3,2%
Death Rate (t-10	C of Population	Deaths per 100K	Cases per 100K	Death Rate (t-10)	C of Population	Deaths per 100K	ases per 100K
1,4%	0,2%	1,8	191,8	1,4%	0,2%	1,9	197,9

20-05-16	t-4			2020-05-15	t-5		
Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
272.043	2.537	9.200	119	262.843	2.418	10.598	113
vth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
3,5%	4,9%	20,1 days	14,4 days	4,2%	4,9%	16,8 days	14,5 days
s per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10
185,2	1,7	0,2%	1,4%	179,0	1,6	0,2%	1,5%

20-05-14	t-6			2020-05-13	t-7		
Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
252.245	2.305	9.974	93	242.271	2.212	10.028	96
vth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in day
4,1%	4,2%	17,2 days	16,8 days	4,3%	4,5%	16,4 days	15,6 day
s per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-1)
171,7	1,6	0,2%	1,5%	164,9	1,5	0,2%	1,5%

	2020-05-12	t-8			Г
	Total Cases (C)	Total Death (D)	New C	New D	Te
week ago	232.243	2.116	10.899	107	
×	Growth C in %	Growth D %	Double C in days	Double D in days	G
wee	4,9%	5,3%	14,4 days	13,4 days	
One	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	С
0	158,1	1,4	0,2%	1,6%	

		t-10	2020-05-10			t-9	2020-05-11
New D	New C	Total Death (D)	Total Cases (C)	New D	New C	Total Death (D)	otal Cases (C)
88	11.012	1.915	209.688	94	11.656	2.009	221.344
Double D in da	Double C in days	Growth D %	Growth C in %	Double D in days	Double C in days	Growth D %	rowth C in %
14,7 day	12,8 days	4,8%	5,5%	14,5 days	12,8 days	4,9%	5,6%
Death Rate (t-1	C of Population	Deaths per 100K	Cases per 100K	Death Rate (t-10)	C of Population	Deaths per 100K	ases per 100K
1,79	0,1%	1,3	142,8	1,6%	0,2%	1,4	150,7

	2020-05-09	t-11		
1	Total Cases (C)	Total Death (D)	New C	New D
l	198.676	1.827	10.817	104
	Growth C in %	Growth D %	Double C in days	Double D in days
l	5,8%	6,0%	12,4 days	11,8 days
)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	135,3	1,2	0,1%	1,7%

	2020-05-08	t-12		
1	Total Cases (C)	Total Death (D)	New C	New D
ı	187.859	1.723	10.699	98
s	Growth C in %	Growth D %	Double C in days	Double D in days
ı	6,0%	6,0%	11,8 days	11,8 days
))	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
ŀ	127,9	1,2	0,1%	1,7%

2020-05-07	t-13			2020-05-06	t-14	
Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	Ne
177.160	1.625	11.231	88	165.929	1.537	
Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Dou
6,8%	5,7%	10,6 days	12,4 days	6,8%	5,9%	
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	Cot
120,6	1,1	0,1%	1,7%	113,0	1,0	

			_	
	2020-05-06	t-14		
	Total Cases (C)	Total Death (D)	New C	New D
88	165.929	1.537	10.559	86
days	Growth C in %	Growth D %	Double C in days	Double D in days
ays	6,8%	5,9%	10,5 days	12,0 days
(t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
,7%	113,0	1,0	0,1%	1,8%

2020-05-05	t-15		
Total Cases (C)	Total Death (D)	New C	New D
155.370	1.451	10.102	95
Growth C in %	Growth D %	Double C in days	Double D in days
7,0%	7,0%	10,3 days	10,2 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
105,8	1,0	0,1%	1,8%
	Total Cases (C)  155.370  Growth C in %  7,0%  Cases per 100K	Total Cases (C) Total Death (D)  155.370 1.451  Growth C in % Growth D %  7,0% 7,0%  Cases per 100K Deaths per 100K	Total Cases (C)   Total Death (D)   New C

2020-05-04	t-16			ļ	2020-05-03	t-17		
Total Cases (C)	Total Death (D)	New C	New D	Į	Total Cases (C)	Total Death (D)	New C	New D
145.268	1.356	10.581	76	ļ	134.687	1.280	10.633	5
Growth C in %	Growth D %	Double C in days	Double D in days	ı	Growth C in %	Growth D %	Double C in days	Double D in da
7,9%	5,9%	9,2 days	12,0 days	ļ	8,6%	4,7%	8,4 days	14,9 da
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Į	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-
98,9	0,9	0,1%	1,8%	ļ	91,7	0,9	0,1%	1,9

	2020-05-02	t-18		
1	Total Cases (C)	Total Death (D)	New C	New D
	124.054	1.222	9.623	53
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,4%	4,5%	8,6 days	15,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	84,5	0,8	0,1%	1,9%

	2020-05-01	t-19		
1	Total Cases (C)	Total Death (D)	New C	New D
	114.431	1.169	7.933	96
s	Growth C in %	Growth D %	Double C in days	Double D in days
)	7,4%	8,9%	9,6 days	8,1 days
)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
1	77,9	0,8	0,1%	2,0%

	2020-04-30	t-20			2
ı	Total Cases (C)	Total Death (D)	New C	New D	Tot
	106.498	1.073	7.099	101	
	Growth C in %	Growth D %	Double C in days	Double D in days	Gro
	7,1%	10,4%	10,0 days	7,0 days	
)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cas
1	72,5	0,7	0,1%	2,0%	

			_	
	2020-04-29	t-21		
	Total Cases (C)	Total Death (D)	New C	New D
01	99.399	972	5.841	105
lays	Growth C in %	Growth D %	Double C in days	Double D in day
ays	6,2%	12,1%	11,4 days	6,1 days
-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-1)
0%	67,7	0,7	0,1%	2,1%

#### Explanations:

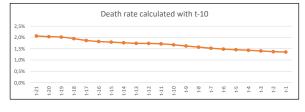
Cases = C Death(s) = D

t-1: Most recent day in report t-21: 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 Not used because this is not an official and countable number

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





<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