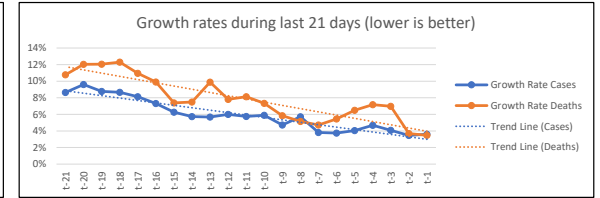
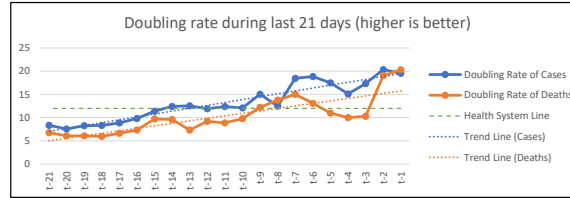
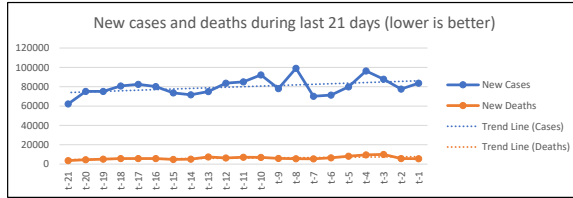


# COVID-19 Statistics - Summary

Country / Region	1st Case	Days	Population	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
WORLD	December 2019	~ 111	7.750.000.000	Live Data: 2020-04-20	2.407.699	165.093	0,03%	1.124	62						
				2020-04-19	2.401.378	165.043	0,03%	83.620	5.534	30,99	2,13	3,61%	3,47%	19,6 days	20,3 days
United States	2020-01-22	89	327.167.434	Live Data: 2020-04-20	764.265	40.565	0,23%	0	0						
				2020-04-19	759.086	40.661	0,23%	26.889	1.997	232,02	12,43	3,67%	5,17%	19,2 days	13,8 days
Germany	2020-01-27	84	83.019.213	Live Data: 2020-04-20	145.742	4.642	0,18%	0	0						
				2020-04-19	145.184	4.586	0,17%	1.842	127	174,88	5,52	1,29%	2,85%	54,3 days	24,7 days
Italy	2020-01-31	80	60.262.701	Live Data: 2020-04-20	178.972	23.660	0,30%	0	0						
				2020-04-19	178.972	23.660	0,30%	3.047	433	296,99	39,26	1,73%	1,86%	40,4 days	37,5 days
Spain	2020-02-01	79	46.722.980	Live Data: 2020-04-20	198.674	20.453	0,43%	0	0						
				2020-04-19	198.674	20.453	0,43%	6.948	410	425,22	43,78	3,62%	2,05%	19,5 days	34,2 days
France	2020-01-24	87	66.993.000	Live Data: 2020-04-20	152.894	19.718	0,23%	0	0						
				2020-04-19	152.894	19.718	0,23%	4.925	395	228,22	29,43	3,33%	2,04%	21,2 days	34,3 days
United Kingdom	2020-01-31	80	66.435.550	Live Data: 2020-04-20	82.747	4.632	0,12%	0	0						
				2020-04-19	121.172	16.095	0,18%	5.858	597	182,39	24,23	5,08%	3,85%	14,0 days	18,3 days
China	December 2019	~ 111	1.400.050.000	Live Data: 2020-04-20	120.067	16.060	0,01%	0	0						
				2020-04-19	83.805	4.636	0,01%	18	0	5,99	0,33	0,02%	0,00%	3226,8 days	-----
India	2020-01-30	81	1.368.738.000	Live Data: 2020-04-20	17.615	559	0,00%	0	0						
				2020-04-19	17.615	559	0,00%	1.893	38	1,29	0,04	12,04%	7,29%	6,1 days	9,8 days
Russia	2020-01-31	80	146.877.088	Live Data: 2020-04-20	42.853	361	0,03%	0	0						
				2020-04-19	42.853	361	0,03%	6.060	48	29,18	0,25	16,47%	15,34%	4,5 days	4,9 days

# COVID-19 Statistics WORLD

WORLD			
Data from (t-21):		Data to (t-1):	
2020-03-30		2020-04-19	
Statistic created:		Author:	
2020-04-20		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
December 2019	~ 111	7.750.000.000	
Sources of data <sup>2</sup> :		Template:	
<a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a>		A-20-04-08	



Actual Week	2020-04-19 t-1				2020-04-18 t-2				2020-04-17 t-3				2020-04-16 t-4				2020-04-15 t-5				2020-04-14 t-6				2020-04-13 t-7			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	2.401.378	165.043	83.620	5.534	2.317.758	159.509	77.568	5.688	2.240.190	153.821	87.753	10.021	2.152.437	143.800	96.383	9.624	2.056.054	134.176	79.863	8.193	1.976.191	125.983	71.353	6.502	1.904.838	119.481	70.117	5.391
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
One week ago	3,6%	3,5%	19,6 days	20,3 days	3,5%	3,7%	20,4 days	19,1 days	4,1%	7,0%	17,3 days	10,3 days	4,7%	7,2%	15,1 days	10,0 days	4,0%	6,5%	17,5 days	11,0 days	3,7%	5,4%	18,8 days	13,1 days	3,8%	4,7%	18,5 days	15,0 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	31,0	2,1	0,0%	10,0%	29,9	2,1	0,0%	10,2%	28,9	2,0	0,0%	10,4%	27,8	1,9	0,0%	10,3%	26,5	1,7	0,0%	10,2%	25,5	1,6	0,0%	10,1%	24,6	1,5	0,0%	10,2%
Two weeks ago	2020-04-12 t-8				2020-04-11 t-9				2020-04-10 t-10				2020-04-09 t-11				2020-04-08 t-12				2020-04-07 t-13				2020-04-06 t-14			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	1.834.721	114.090	99.071	5.588	1.735.650	108.502	78.124	5.977	1.657.526	102.525	92.248	7.004	1.565.278	95.521	85.076	7.183	1.480.202	88.338	83.726	6.401	1.396.476	81.937	74.995	7.372	1.321.481	74.565	71.727	5.191
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
Two weeks ago	5,7%	5,2%	12,5 days	13,8 days	4,7%	5,8%	15,1 days	12,2 days	5,9%	7,3%	12,1 days	9,8 days	5,7%	8,1%	12,4 days	8,9 days	6,0%	7,8%	11,9 days	9,2 days	5,7%	9,9%	12,6 days	7,4 days	5,7%	7,5%	12,4 days	9,6 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	23,7	1,5	0,0%	10,4%	22,4	1,4	0,0%	10,7%	21,4	1,3	0,0%	11,0%	20,2	1,2	0,0%	11,1%	19,1	1,1	0,0%	11,3%	18,0	1,1	0,0%	11,4%	17,1	1,0	0,0%	11,3%
Two weeks ago	2020-04-05 t-15				2020-04-04 t-16				2020-04-03 t-17				2020-04-02 t-18				2020-04-01 t-19				2020-03-31 t-20				2020-03-30 t-21			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	1.249.754	69.374	73.694	4.768	1.176.060	64.606	80.143	5.819	1.095.917	58.787	82.451	5.804	1.013.466	52.983	80.861	5.803	932.605	47.180	75.118	5.073	857.487	42.107	75.098	4.525	782.389	37.582	62.249	3.657
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
Two weeks ago	6,3%	7,4%	11,4 days	9,7 days	7,3%	9,9%	9,8 days	7,3 days	8,1%	11,0%	8,9 days	6,7 days	8,7%	12,3%	8,3 days	6,0 days	8,8%	12,0%	8,3 days	6,1 days	9,6%	12,0%	7,6 days	6,1 days	8,6%	10,8%	8,4 days	6,8 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	16,1	0,9	0,0%	11,7%	15,2	0,8	0,0%	12,2%	14,1	0,8	0,0%	12,6%	13,1	0,7	0,0%	12,7%	12,0	0,6	0,0%	12,5%	11,1	0,5	0,0%	12,5%	10,1	0,5	0,0%	12,3%

## 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

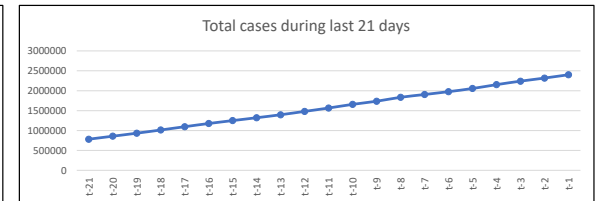
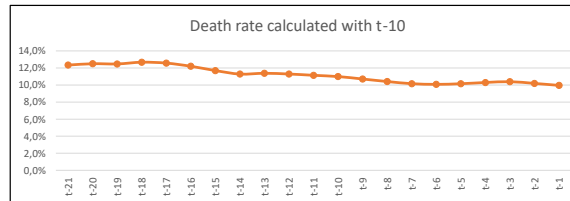
New Death: Compared to the day before

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.



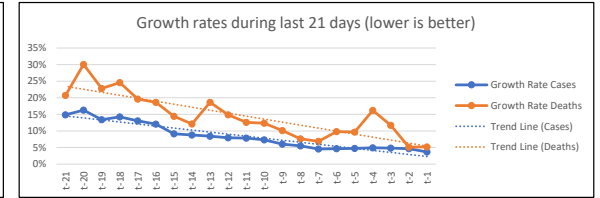
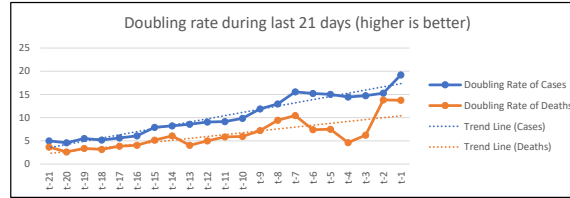
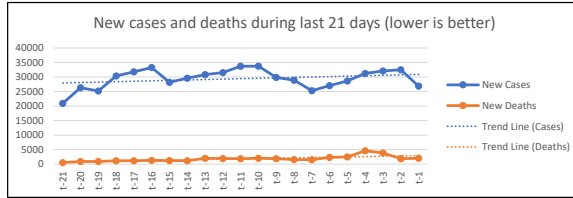
## Footnotes:

<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 US (United States)

US (United States)			
Data from (t-21):		Data to (t-1):	
2020-03-30		2020-04-19	
Statistic created:		Author:	
2020-04-20		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
2020-01-22	89	327.167.434	
Sources of data <sup>2</sup> :		Template:	
<a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a>		A-20-04-08	



Actual Week	2020-04-19 t-1				2020-04-18 t-2				2020-04-17 t-3				2020-04-16 t-4				2020-04-15 t-5				2020-04-14 t-6				2020-04-13 t-7			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	759.086	40.661	26.889	1.997	732.197	38.664	32.491	1.891	699.706	36.773	32.114	3.857	667.592	32.916	31.242	4.591	636.350	28.325	28.680	2.494	607.670	25.831	27.051	2.303	580.619	23.528	25.306	1.509
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
One week ago	3,7%	5,2%	19,2 days	13,8 days	4,6%	5,1%	15,3 days	13,8 days	4,8%	11,7%	14,8 days	6,3 days	4,9%	16,2%	14,5 days	4,6 days	4,7%	9,7%	15,0 days	7,5 days	4,7%	9,8%	15,2 days	7,4 days	4,6%	6,9%	15,6 days	10,5 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	232,0	12,4	0,2%	8,2%	223,8	11,8	0,2%	8,4%	213,9	11,2	0,2%	8,6%	204,1	10,1	0,2%	8,3%	194,5	8,7	0,2%	7,7%	185,7	7,9	0,2%	7,7%	177,5	7,2	0,2%	7,6%
Two weeks ago	555.313	22.019	28.917	1.557	526.396	20.462	29.861	1.876	496.535	18.586	33.755	2.042	462.780	16.544	33.728	1.849	429.052	14.695	31.547	1.901	397.505	12.794	30.838	2.011	366.667	10.783	29.595	1.164
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
	5,5%	7,6%	13,0 days	9,5 days	6,0%	10,1%	11,9 days	7,2 days	7,3%	12,3%	9,8 days	6,0 days	7,9%	12,6%	9,2 days	5,8 days	7,9%	14,9%	9,1 days	5,0 days	8,4%	18,6%	8,6 days	4,1 days	8,8%	12,1%	8,2 days	6,1 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
Three weeks ago	169,7	6,7	0,2%	8,0%	160,9	6,3	0,2%	8,4%	151,8	5,7	0,2%	8,7%	141,5	5,1	0,1%	8,8%	131,1	4,5	0,1%	9,1%	121,5	3,9	0,1%	9,1%	112,1	3,3	0,1%	8,9%
Four weeks ago	337.072	9.619	28.219	1.212	308.853	8.407	33.267	1.320	275.586	7.087	31.824	1.161	243.762	5.926	30.390	1.169	213.372	4.757	25.200	884	188.172	3.873	26.341	895	161.831	2.978	20.922	511
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
	9,1%	14,4%	7,9 days	5,1 days	12,1%	18,6%	6,1 days	4,1 days	13,1%	19,6%	5,6 days	3,9 days	14,2%	24,6%	5,2 days	3,2 days	13,4%	22,8%	5,5 days	3,4 days	16,3%	30,1%	4,6 days	2,6 days	14,8%	20,7%	5,0 days	3,7 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
Five weeks ago	103,0	2,9	0,1%	9,5%	94,4	2,6	0,1%	10,0%	84,2	2,2	0,1%	10,8%	74,5	1,8	0,1%	11,0%	65,2	1,5	0,1%	10,9%	57,5	1,2	0,1%	11,6%	49,5	0,9	0,0%	11,6%

## 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

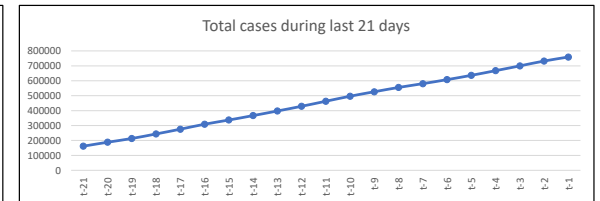
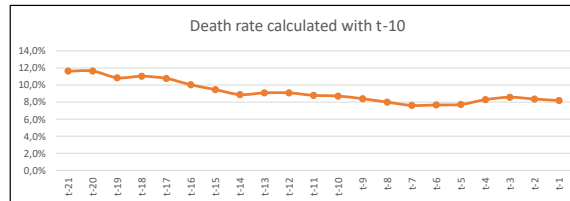
New Death: Compared to the day before

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.



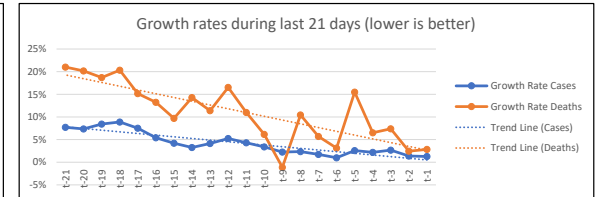
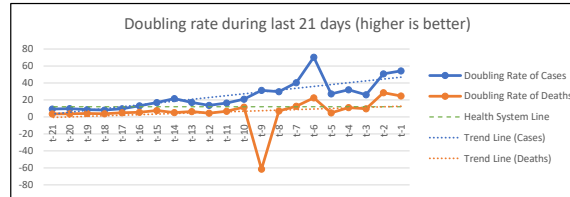
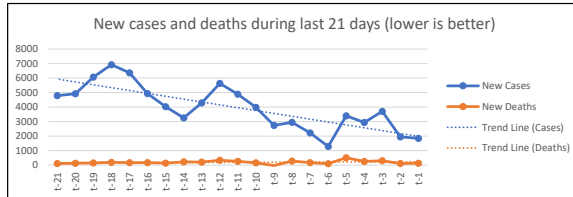
## Footnotes:

<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 DE (Germany)

DE (Germany)			
Data from (t-21):		Data to (t-1):	
2020-03-30		2020-04-19	
Statistic created:		Author:	
2020-04-20		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
2020-01-27	84	83.019.213	
Sources of data <sup>2</sup> :		Template:	
<a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a>		A-20-04-08	



Actual Week	2020-04-19 t-1				2020-04-18 t-2				2020-04-17 t-3				2020-04-16 t-4				2020-04-15 t-5				2020-04-14 t-6				2020-04-13 t-7			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	145.184	4.586	1.842	127	143.342	4.459	1.945	107	141.397	4.352	3.699	300	137.698	4.052	2.945	248	134.753	3.804	3.394	510	131.359	3.294	1.287	100	130.072	3.194	2.218	172
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
	1,3%	2,8%	54,3 days	24,7 days	1,4%	2,5%	50,7 days	28,5 days	2,7%	7,4%	26,1 days	9,7 days	2,2%	6,5%	32,1 days	11,0 days	2,6%	15,5%	27,2 days	4,8 days	1,0%	3,1%	70,4 days	22,5 days	1,7%	5,7%	40,3 days	12,5 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	174,9	5,5	0,2%	3,8%	172,7	5,4	0,2%	3,8%	170,3	5,2	0,2%	3,8%	165,9	4,9	0,2%	3,8%	162,3	4,6	0,2%	3,7%	158,2	4,0	0,2%	3,3%	156,7	3,8	0,2%	3,3%
One week ago	2020-04-12 t-8				2020-04-11 t-9				2020-04-10 t-10				2020-04-09 t-11				2020-04-08 t-12				2020-04-07 t-13				2020-04-06 t-14			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	127.854	3.022	2.946	286	124.908	2.736	2.737	-31	122.171	2.767	3.990	160	118.181	2.607	4.885	258	113.296	2.349	5.633	333	107.663	2.016	4.289	206	103.374	1.810	3.251	226
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
	2,4%	10,5%	29,7 days	7,0 days	2,2%	-1,1%	31,3 days	-61,5 days	3,4%	6,1%	20,9 days	11,6 days	4,3%	11,0%	16,4 days	6,7 days	5,2%	16,5%	13,6 days	4,5 days	4,1%	11,4%	17,1 days	6,4 days	3,2%	14,3%	21,7 days	5,2 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	154,0	3,6	0,2%	3,3%	150,5	3,3	0,2%	3,2%	147,2	3,3	0,1%	3,6%	142,4	3,1	0,1%	3,6%	136,5	2,8	0,1%	3,5%	129,7	2,4	0,1%	3,2%	124,5	2,2	0,1%	3,1%
Two weeks ago	2020-04-05 t-15				2020-04-04 t-16				2020-04-03 t-17				2020-04-02 t-18				2020-04-01 t-19				2020-03-31 t-20				2020-03-30 t-21			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	100.123	1.584	4.031	140	96.092	1.444	4.933	169	91.159	1.275	6.365	168	84.794	1.107	6.922	187	77.872	920	6.064	145	71.808	775	4.923	130	66.885	645	4.790	112
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
	4,2%	9,7%	16,9 days	7,5 days	5,4%	13,3%	13,2 days	5,6 days	7,5%	15,2%	9,6 days	4,9 days	8,9%	20,3%	8,1 days	3,7 days	8,4%	18,7%	8,5 days	4,0 days	7,4%	20,2%	9,8 days	3,8 days	7,7%	21,0%	9,3 days	3,6 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	120,6	1,9	0,1%	3,1%	115,7	1,7	0,1%	3,3%	109,8	1,5	0,1%	3,4%	102,1	1,3	0,1%	3,4%	93,8	1,1	0,1%	3,2%	86,5	0,9	0,1%	3,1%	80,6	0,8	0,1%	2,9%

## 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

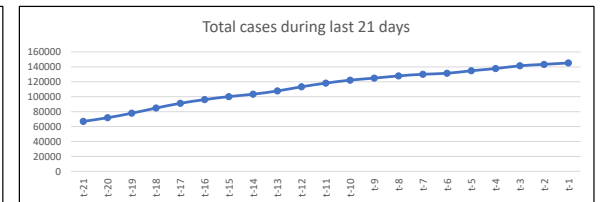
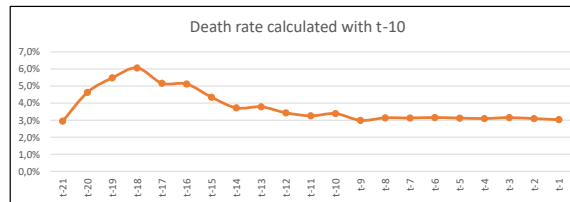
New Death: Compared to the day before

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.



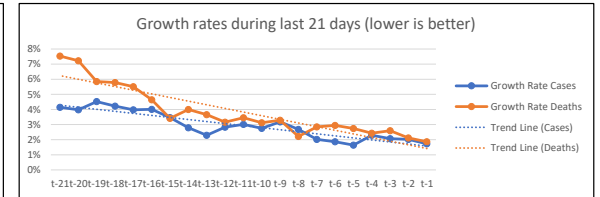
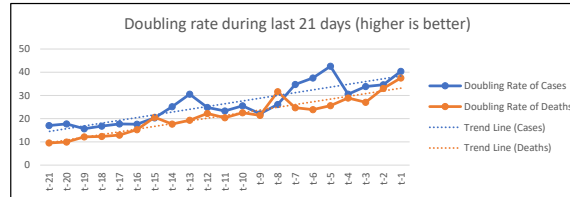
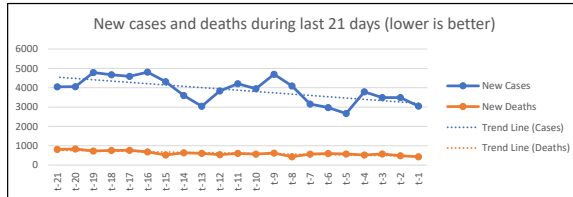
## Footnotes:

<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)

IT (Italy)			
Data from (t-21):		Data to (t-1):	
2020-03-30		2020-04-19	
Statistic created:		Author:	
2020-04-20		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
2020-01-31	80	60.262.701	
Sources of data <sup>2</sup> :		Template:	A-20-04-08
<a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a>			



Actual Week	2020-04-19 t-1				2020-04-18 t-2				2020-04-17 t-3				2020-04-16 t-4				2020-04-15 t-5				2020-04-14 t-6				2020-04-13 t-7			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	178.972	23.660	3.047	433	175.925	23.227	3.491	482	172.434	22.745	3.493	575	168.941	22.170	3.786	525	165.155	21.645	2.667	578	162.488	21.067	2.972	602	159.516	20.465	3.153	566
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
	1,7%	1,9%	40,4 days	37,5 days	2,0%	2,1%	34,6 days	33,1 days	2,1%	2,6%	33,9 days	27,1 days	2,3%	2,4%	30,6 days	28,9 days	1,6%	2,7%	42,6 days	25,6 days	1,9%	2,9%	37,5 days	23,9 days	2,0%	2,8%	34,7 days	24,7 days
One week ago	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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	297,0	39,3	0,3%	16,0%	291,9	38,5	0,3%	16,2%	286,1	37,7	0,3%	16,3%	280,3	36,8	0,3%	16,4%	274,1	35,9	0,3%	16,3%	269,6	35,0	0,3%	16,3%	264,7	34,0	0,3%	16,4%
Two weeks ago																												

## 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

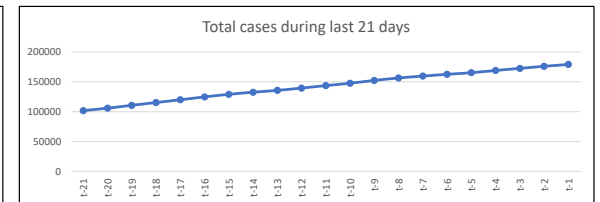
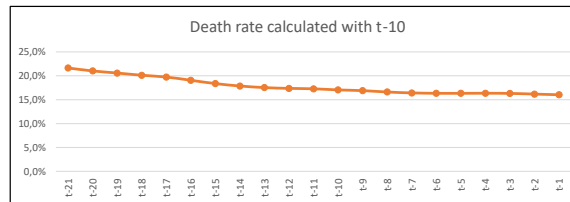
New Death: Compared to the day before

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.



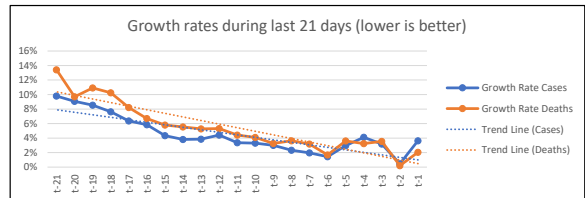
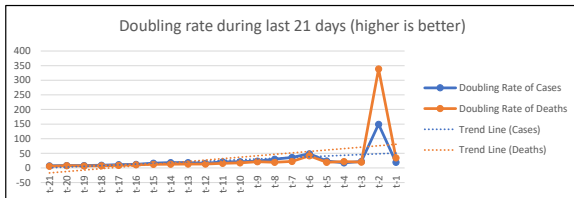
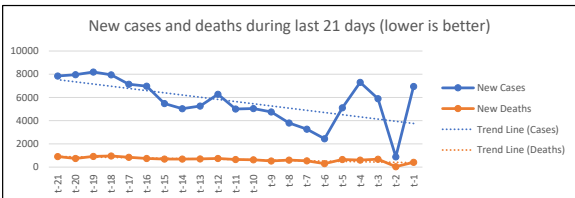
## Footnotes:

<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)

ES (Spain)			
Data from (t-21):		Data to (t-1):	
2020-03-30		2020-04-19	
Statistic created:		Author:	
2020-04-20		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
2020-02-01	79	46.722.980	
Sources of data <sup>2</sup> :		Template:	A-20-04-08
<a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a>			



Actual Week	2020-04-19 t-1				2020-04-18 t-2				2020-04-17 t-3				2020-04-16 t-4				2020-04-15 t-5				2020-04-14 t-6				2020-04-13 t-7			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	198.674	20.453	6.948	410	191.726	20.043	887	41	190.839	20.002	5.891	687	184.948	19.315	7.304	607	177.644	18.708	5.103	652	172.541	18.056	2.442	300	170.099	17.756	3.268	547
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
	3,6%	2,0%	19,5 days	34,2 days	0,5%	0,2%	149,5 days	338,5 days	3,2%	3,6%	22,1 days	19,8 days	4,1%	3,2%	17,2 days	21,7 days	3,0%	3,6%	23,8 days	19,5 days	1,4%	1,7%	48,6 days	41,4 days	2,0%	3,2%	35,7 days	22,2 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	425,2	43,8	0,4%	12,9%	410,3	42,9	0,4%	13,1%	408,4	42,8	0,4%	13,5%	395,8	41,3	0,4%	13,6%	380,2	40,0	0,4%	13,7%	369,3	38,6	0,4%	13,7%	364,1	38,0	0,4%	14,1%
One week ago	2020-04-12 t-8				2020-04-11 t-9				2020-04-10 t-10				2020-04-09 t-11				2020-04-08 t-12				2020-04-07 t-13				2020-04-06 t-14			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	166.831	17.209	3.804	603	163.027	16.606	4.754	525	158.273	16.081	5.051	634	153.222	15.447	5.002	655	148.220	14.792	6.278	747	141.942	14.045	5.267	704	136.675	13.341	5.029	700
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
	2,3%	3,6%	30,1 days	19,4 days	3,0%	3,3%	23,4 days	21,6 days	3,3%	4,1%	21,4 days	17,2 days	3,4%	4,4%	20,9 days	16,0 days	4,4%	5,3%	16,0 days	13,4 days	3,9%	5,3%	18,3 days	13,5 days	3,8%	5,5%	18,5 days	12,9 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	357,1	36,8	0,4%	14,4%	348,9	35,5	0,3%	14,8%	338,7	34,4	0,3%	15,4%	327,9	33,1	0,3%	16,1%	317,2	31,7	0,3%	16,8%	303,8	30,1	0,3%	17,5%	292,5	28,6	0,3%	18,2%
Two weeks ago	2020-04-05 t-15				2020-04-04 t-16				2020-04-03 t-17				2020-04-02 t-18				2020-04-01 t-19				2020-03-31 t-20				2020-03-30 t-21			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	131.646	12.641	5.478	694	126.168	11.947	6.969	749	119.199	11.198	7.134	850	112.065	10.348	7.947	961	104.118	9.387	8.195	923	95.923	8.464	7.967	748	87.956	7.716	7.846	913
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
	4,3%	5,8%	16,3 days	12,3 days	5,8%	6,7%	12,2 days	10,7 days	6,4%	8,2%	11,2 days	8,8 days	7,6%	10,2%	9,4 days	7,1 days	8,5%	10,9%	8,5 days	6,7 days	9,1%	9,7%	8,0 days	7,5 days	9,8%	13,4%	7,4 days	5,5 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	281,8	27,1	0,3%	19,2%	270,0	25,6	0,3%	20,7%	255,1	24,0	0,3%	22,6%	239,8	22,1	0,2%	25,9%	222,8	20,1	0,2%	26,7%	205,3	18,1	0,2%	29,4%	188,2	16,5	0,2%	30,4%

## 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

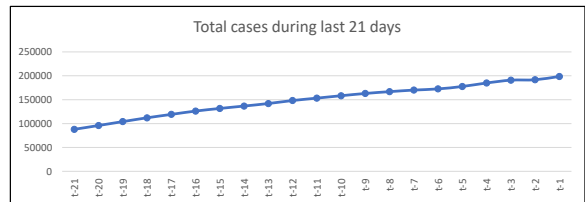
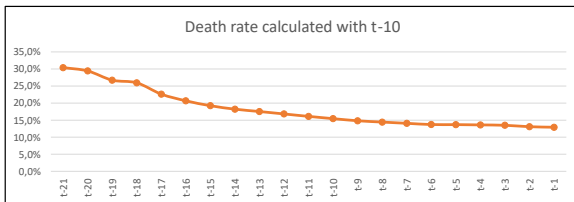
New Death: Compared to the day before

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.



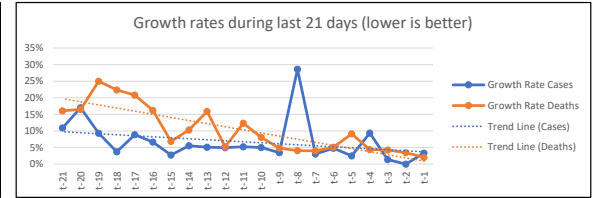
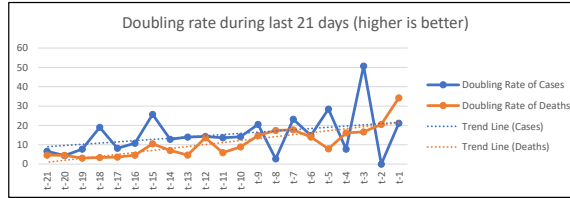
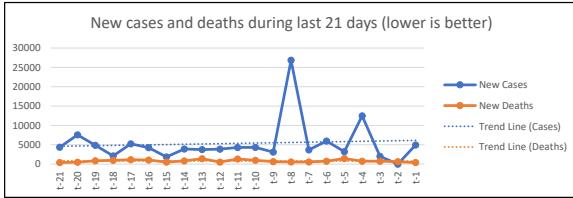
## Footnotes:

<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 FR (France)

FR [France]			
Data from (t-21):		Data to (t-1):	
2020-03-30		2020-04-19	
Statistic created:		Author:	
2020-04-20		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
2020-01-24	67	66.993.000	
Sources of data <sup>2</sup> :		Template:	A-20-04-08
<a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a>			



Actual Week	2020-04-19 t-1					2020-04-18 t-2					2020-04-17 t-3					2020-04-16 t-4					2020-04-15 t-5					2020-04-14 t-6					2020-04-13 t-7				
	Total Cases (C)		Total Death (D)			Total Cases (C)		Total Death (D)			Total Cases (C)		Total Death (D)			Total Cases (C)		Total Death (D)			Total Cases (C)		Total Death (D)			Total Cases (C)		Total Death (D)							
	152.894		19.718		4.925	147.969		19.323		0	147.969		18.681		2.009	145.960		17.920		12.490	133.470		17.167		3.217	130.253		15.729		5.955					
	395		Double C in %		Double D in %	395		Double C in %		Double D in %	395		Double C in %		Double D in %	395		Double C in %		Double D in %	395		Double C in %		Double D in %	395		Double C in %		Double D in %					
	3,3%		2,0%		21,2 days	3,3%		2,0%		21,2 days	3,3%		2,0%		21,2 days	3,3%		2,0%		21,2 days	3,3%		2,0%		21,2 days	3,3%		2,0%		21,2 days					
	34,3 days		C of Population		Death Rate (t-10)	34,3 days		C of Population		Death Rate (t-10)	34,3 days		C of Population		Death Rate (t-10)	34,3 days		C of Population		Death Rate (t-10)	34,3 days		C of Population		Death Rate (t-10)	34,3 days		C of Population		Death Rate (t-10)					
	228,2		29,4		0,2%	228,2		29,4		0,2%	228,2		29,4		0,2%	228,2		29,4		0,2%	228,2		29,4		0,2%	228,2		29,4		0,2%					
One week ago	2020-04-12 t-8					2020-04-11 t-9					2020-04-10 t-10					2020-04-09 t-11					2020-04-08 t-12					2020-04-07 t-13					2020-04-06 t-14				
	Total Cases (C)		Total Death (D)			Total Cases (C)		Total Death (D)			Total Cases (C)		Total Death (D)			Total Cases (C)		Total Death (D)			Total Cases (C)		Total Death (D)			Total Cases (C)		Total Death (D)							
	120.633		14.393		26.843	93.790		13.832		3.114	90.676		13.197		4.342	86.334		12.210		4.286	82.048		10.869		3.881	78.167		10.328		3.777					
	561		Double C in %		Double D in %	561		Double C in %		Double D in %	561		Double C in %		Double D in %	561		Double C in %		Double D in %	561		Double C in %		Double D in %	561		Double C in %		Double D in %					
	28,6%		4,1%		2,8 days	28,6%		4,1%		2,8 days	28,6%		4,1%		2,8 days	28,6%		4,1%		2,8 days	28,6%		4,1%		2,8 days	28,6%		4,1%		2,8 days					
	17,4 days		C of Population		Death Rate (t-10)	17,4 days		C of Population		Death Rate (t-10)	17,4 days		C of Population		Death Rate (t-10)	17,4 days		C of Population		Death Rate (t-10)	17,4 days		C of Population		Death Rate (t-10)	17,4 days		C of Population		Death Rate (t-10)					
	180,1		21,5		0,2%	180,1		21,5		0,2%	180,1		21,5		0,2%	180,1		21,5		0,2%	180,1		21,5		0,2%	180,1		21,5		0,2%					
Two weeks ago	2020-04-05 t-15					2020-04-04 t-16					2020-04-03 t-17					2020-04-02 t-18					2020-04-01 t-19					2020-03-31 t-20					2020-03-30 t-21				
	Total Cases (C)		Total Death (D)			Total Cases (C)		Total Death (D)			Total Cases (C)		Total Death (D)			Total Cases (C)		Total Death (D)			Total Cases (C)		Total Death (D)			Total Cases (C)		Total Death (D)							
	70.478		8.078		1.873	68.605		7.560		4.267	64.338		6.507		5.233	59.105		5.387		2.116	56.989		4.403		4.861	52.128		3.523		7.578					
	518		Double C in %		Double D in %	518		Double C in %		Double D in %	518		Double C in %		Double D in %	518		Double C in %		Double D in %	518		Double C in %		Double D in %	518		Double C in %		Double D in %					
	2,7%		6,9%		25,7 days	2,7%		6,9%		25,7 days	2,7%		6,9%		25,7 days	2,7%		6,9%		25,7 days	2,7%		6,9%		25,7 days	2,7%		6,9%		25,7 days					
	10,5 days		C of Population		Death Rate (t-10)	10,5 days		C of Population		Death Rate (t-10)	10,5 days		C of Population		Death Rate (t-10)	10,5 days		C of Population		Death Rate (t-10)	10,5 days		C of Population		Death Rate (t-10)	10,5 days		C of Population		Death Rate (t-10)					
	105,2		12,1		0,1%	105,2		12,1		0,1%	105,2		12,1		0,1%	105,2		12,1		0,1%	105,2		12,1		0,1%	105,2		12,1		0,1%					

## 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

New Death:

Compared to the day before

Growth Rate:

Growth rate compared to the day before in percent

Time to double:

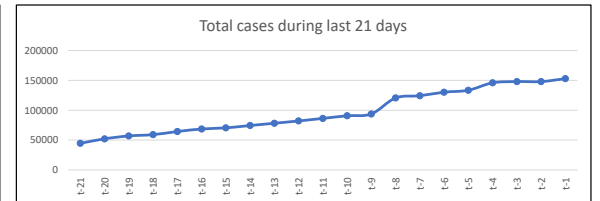
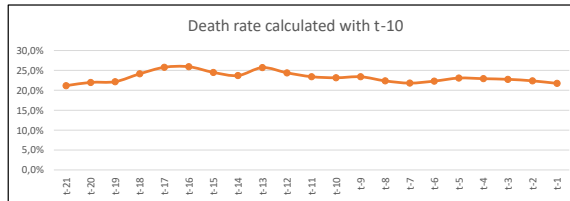
The time it takes until the actual cases/deaths are doubled in days

Recovered:

Not used because this is not an official and countable number

CFR:

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



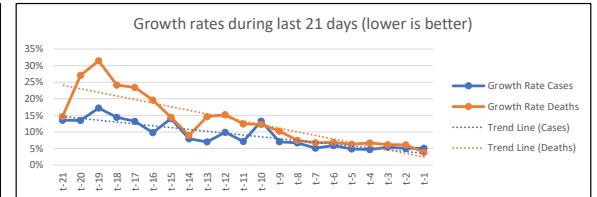
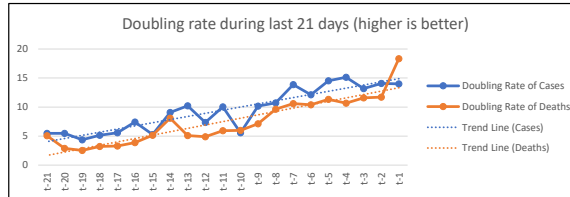
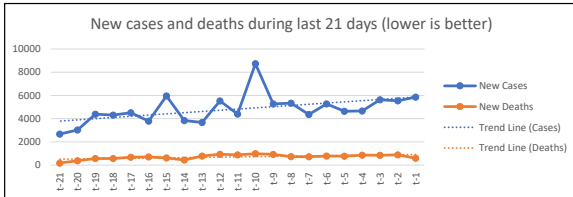
## Footnotes:

<sup>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 UK (United Kingdom)

UK (United Kingdom)			
Data from (t-21):		Data to (t-1):	
2020-03-30		2020-04-19	
Statistic created:		Author:	
2020-04-20		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
2020-01-31	80	66.435.550	
Sources of data <sup>2</sup> :		Template:	A-20-04-08
<a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a>			



Actual Week	2020-04-19 t-1				2020-04-18 t-2				2020-04-17 t-3				2020-04-16 t-4				2020-04-15 t-5				2020-04-14 t-6				2020-04-13 t-7			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	121,172	16,095	5,858	597	115,314	15,498	5,545	891	109,769	14,607	5,624	848	104,145	13,759	4,662	865	99,483	12,894	4,638	765	94,845	12,129	5,275	782	89,570	11,347	4,364	718
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
One week ago	5,1%	3,9%	14,0 days	18,3 days	5,1%	6,1%	14,1 days	11,7 days	5,4%	6,2%	13,2 days	11,6 days	4,7%	6,7%	15,1 days	10,7 days	4,9%	6,3%	14,5 days	11,3 days	5,9%	6,9%	12,1 days	10,4 days	5,1%	6,8%	13,9 days	10,6 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	182,4	24,2	0,2%	21,6%	173,6	23,3	0,2%	23,5%	165,2	22,0	0,2%	23,8%	156,8	20,7	0,2%	24,6%	149,7	19,4	0,1%	24,7%	142,8	18,3	0,1%	25,0%	134,8	17,1	0,1%	26,7%
Two weeks ago	2020-04-12 t-8				2020-04-11 t-9				2020-04-10 t-10				2020-04-09 t-11				2020-04-08 t-12				2020-04-07 t-13				2020-04-06 t-14			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	85,206	10,629	5,332	737	79,874	9,892	5,269	918	74,605	8,974	8,733	981	65,872	7,993	4,398	882	61,474	7,111	5,525	940	55,949	6,171	3,670	786	52,279	5,385	3,843	442
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
Three weeks ago	6,7%	7,5%	10,7 days	9,6 days	7,1%	10,2%	10,2 days	7,1 days	13,3%	12,3%	5,6 days	6,0 days	7,2%	12,4%	10,0 days	5,9 days	9,9%	15,2%	7,4 days	4,9 days	7,0%	14,6%	10,2 days	5,1 days	7,9%	8,9%	9,1 days	8,1 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	128,3	16,0	0,1%	27,5%	120,2	14,9	0,1%	28,9%	112,3	13,5	0,1%	30,0%	99,2	12,0	0,1%	31,4%	92,5	10,7	0,1%	31,7%	84,2	9,3	0,1%	31,2%	78,7	8,1	0,1%	31,1%
Four weeks ago	2020-04-05 t-15				2020-04-04 t-16				2020-04-03 t-17				2020-04-02 t-18				2020-04-01 t-19				2020-03-31 t-20				2020-03-30 t-21			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	48,436	4,943	5,959	623	42,477	4,320	3,788	709	38,689	3,611	4,516	685	34,173	2,926	4,308	569	29,865	2,357	4,384	564	25,481	1,793	3,028	382	22,453	1,411	2,673	180
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
Five weeks ago	14,0%	14,4%	5,3 days	5,1 days	9,8%	19,6%	7,4 days	3,9 days	13,2%	23,4%	5,6 days	3,3 days	14,4%	24,1%	5,1 days	3,2 days	17,2%	31,5%	4,4 days	2,5 days	13,5%	27,1%	5,5 days	2,9 days	13,5%	14,6%	5,5 days	5,1 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	72,9	7,4	0,1%	33,5%	63,9	6,5	0,1%	36,6%	58,2	5,4	0,1%	37,5%	51,4	4,4	0,1%	35,8%	45,0	3,5	0,0%	35,0%	38,4	2,7	0,0%	31,2%	33,8	2,1	0,0%	27,8%

## 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:

Growth rate compared to the day before in percent

Time to double:

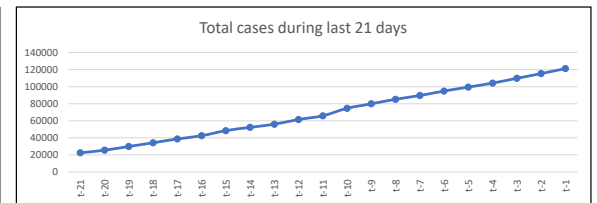
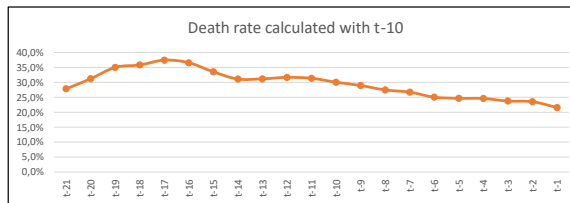
The time it takes until the actual cases/deaths are doubled in days

Recovered:

Not used because this is not an official and countable number

CFR:

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



## Footnotes:

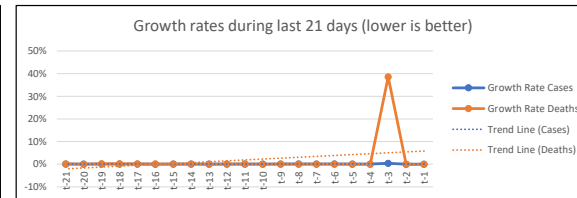
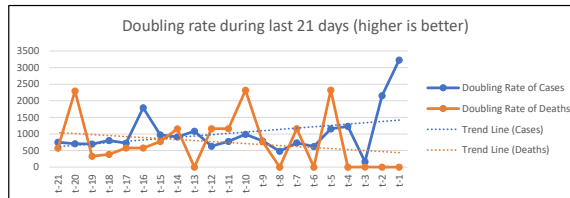
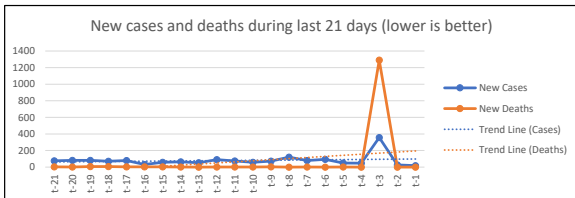
<sup>1</sup> Population from Wikipedia [DE]

<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 CN (China)

CN (China)			
Data from (t-21):		Data to (t-1):	
2020-03-30		2020-04-19	
Statistic created:		Author:	
2020-04-20		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
December 2019	~ 111	1.400.050.000	
Sources of data <sup>2</sup> :		Template:	
<a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a>		A-20-04-08	



Actual Week	2020-04-19 t-1				2020-04-18 t-2				2020-04-17 t-3				2020-04-16 t-4				2020-04-15 t-5				2020-04-14 t-6				2020-04-13 t-7			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	83.805	4.636	18	0	83.787	4.636	27	0	83.760	4.636	357	1.290	83.403	3.346	47	0	83.356	3.346	50	1	83.306	3.345	93	0	83.213	3.345	79	2
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
One week ago	0,0%	0,0%	3226,8 days	-----	0,0%	0,0%	2150,6 days	-----	0,4%	38,6%	162,3 days	2,1 days	0,1%	0,0%	1229,7 days	-----	0,1%	0,0%	1155,2 days	2318,9 days	0,1%	0,0%	620,5 days	-----	0,1%	0,1%	729,8 days	1158,9 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,6%	6,0	0,3	0,0%	5,6%	6,0	0,3	0,0%	5,6%	6,0	0,2	0,0%	4,0%	6,0	0,2	0,0%	4,0%	6,0	0,2	0,0%	4,0%	5,9	0,2	0,0%	4,1%
	6,0	0,3	0,0%	5,6%	6,0	0,3	0,0%	5,6%	6,0	0,3	0,0%	5,6%	6,0	0,2	0,0%	4,0%	6,0	0,2	0,0%	4,0%	6,0	0,2	0,0%	4,0%	5,9	0,2	0,0%	4,1%
Two weeks ago	2020-04-12 t-8				2020-04-11 t-9				2020-04-10 t-10				2020-04-09 t-11				2020-04-08 t-12				2020-04-07 t-13				2020-04-06 t-14			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	83.134	3.343	120	0	83.014	3.343	73	3	82.941	3.340	58	1	82.883	3.339	74	2	82.809	3.337	91	2	82.718	3.335	53	0	82.665	3.335	63	2
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
Three weeks ago	0,1%	0,0%	479,9 days	-----	0,1%	0,1%	787,9 days	772,1 days	0,1%	0,0%	990,9 days	2314,8 days	0,1%	0,1%	776,0 days	1156,9 days	0,1%	0,1%	630,4 days	1156,2 days	0,1%	0,0%	1081,5 days	-----	0,1%	0,1%	909,2 days	1155,5 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%
	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%
Four weeks ago	2020-04-05 t-15				2020-04-04 t-16				2020-04-03 t-17				2020-04-02 t-18				2020-04-01 t-19				2020-03-31 t-20				2020-03-30 t-21			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	82.602	3.333	59	3	82.543	3.330	32	4	82.511	3.326	79	4	82.432	3.322	71	6	82.361	3.316	82	7	82.279	3.309	81	1	82.198	3.308	76	4
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
Five weeks ago	0,1%	0,1%	970,1 days	769,7 days	0,0%	0,1%	1787,6 days	576,7 days	0,1%	0,1%	723,6 days	576,0 days	0,1%	0,2%	804,4 days	383,4 days	0,1%	0,2%	695,9 days	328,0 days	0,1%	0,0%	703,7 days	2293,3 days	0,1%	0,1%	749,3 days	572,9 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%
	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%	5,9	0,2	0,0%	4,1%

## 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

New Death:

Compared to the day before

Growth Rate:

Growth rate compared to the day before in percent

Time to double:

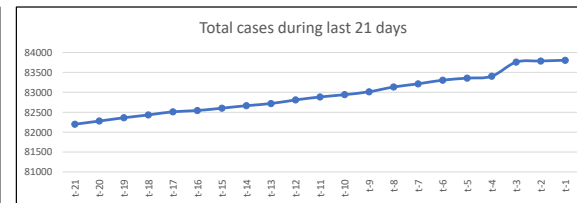
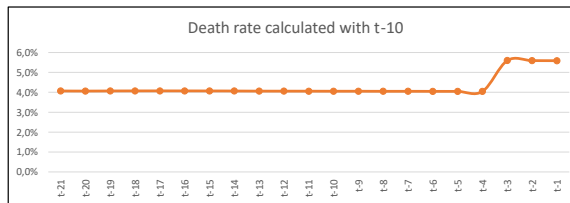
The time it takes until the actual cases/deaths are doubled in days

Recovered:

Not used because this is not an official and countable number

CFR:

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



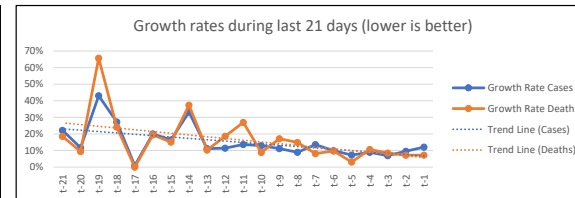
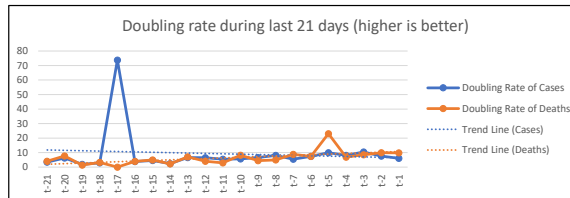
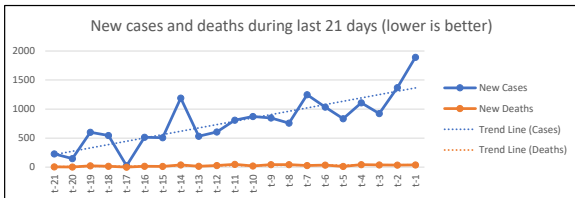
## Footnotes:

<sup>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)

IN (India)			
Data from (t-21):		Data to (t-1):	
2020-03-30		2020-04-19	
Statistic created:		Author:	
2020-04-20		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
2020-01-30	81	1.368.738.000	
Sources of data <sup>2</sup> :		Template:	
<a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a>		A-20-04-08	



Actual Week	2020-04-19		t-1		New C		New D	
	Total Cases (C)	Total Death (D)	New C	New D				
	17.615	559	1.893	38				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	12,0%	7,3%	6,1 days	9,8 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	1,3	0,0	0,0%	7,4%				

2020-04-18		t-2		New C		New D	
Total Cases (C)	Total Death (D)	New C	New D				
15.722	521	1.370	35				
Growth C in %	Growth D %	Double C in days	Double D in days				
9,5%	7,2%	7,6 days	10,0 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
1,1	0,0	0,0%	7,7%				

2020-04-17		t-3		New C		New D	
Total Cases (C)	Total Death (D)	New C	New D				
14.352	486	922	38				
Growth C in %	Growth D %	Double C in days	Double D in days				
6,9%	8,5%	10,4 days	8,5 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
1,0	0,0	0,0%	8,2%				

2020-04-16		t-4		New C		New D	
Total Cases (C)	Total Death (D)	New C	New D				
13.430	448	1.108	43				
Growth C in %	Growth D %	Double C in days	Double D in days				
9,0%	10,6%	8,1 days	6,9 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
1,0	0,0	0,0%	8,4%				

2020-04-15		t-5		New C		New D	
Total Cases (C)	Total Death (D)	New C	New D				
12.322	405	835	12				
Growth C in %	Growth D %	Double C in days	Double D in days				
7,3%	3,1%	9,9 days	23,0 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
0,9	0,0	0,0%	8,5%				

2020-04-14		t-6		New C		New D	
Total Cases (C)	Total Death (D)	New C	New D				
11.487	393	1.034	35				
Growth C in %	Growth D %	Double C in days	Double D in days				
9,9%	9,8%	7,3 days	7,4 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
0,8	0,0	0,0%	11,0%				

2020-04-13		t-7		New C		New D	
Total Cases (C)	Total Death (D)	New C	New D				
10.453	358	1.248	27				
Growth C in %	Growth D %	Double C in days	Double D in days				
13,6%	8,2%	5,5 days	8,8 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
0,8	0,0	0,0%	11,6%				

One week ago	2020-04-12		t-8		New C		New D	
	Total Cases (C)	Total Death (D)	New C	New D				
	9.205	331	759	43				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	9,0%	14,9%	8,1 days	5,0 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	0,7	0,0	0,0%	12,9%				

2020-04-11		t-9		New C		New D	
Total Cases (C)	Total Death (D)	New C	New D				
8.446	288	848	42				
Growth C in %	Growth D %	Double C in days	Double D in days				
11,2%	17,1%	6,6 days	4,4 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
0,6	0,0	0,0%	11,3%				

2020-04-10		t-10		New C		New D	
Total Cases (C)	Total Death (D)	New C	New D				
7.598	246	873	20				
Growth C in %	Growth D %	Double C in days	Double D in days				
13,0%	8,8%	5,7 days	8,2 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
0,6	0,0	0,0%	12,3%				

2020-04-09		t-11		New C		New D	
Total Cases (C)	Total Death (D)	New C	New D				
6.725	226	809	48				
Growth C in %	Growth D %	Double C in days	Double D in days				
13,7%	27,0%	5,4 days	2,9 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
0,5	0,0	0,0%	16,2%				

2020-04-08		t-12		New C		New D	
Total Cases (C)	Total Death (D)	New C	New D				
5.916	178	605	28				
Growth C in %	Growth D %	Double C in days	Double D in days				
11,4%	18,7%	6,4 days	4,0 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
0,4	0,0	0,0%	14,2%				

2020-04-07		t-13		New C		New D	
Total Cases (C)	Total Death (D)	New C	New D				
5.311	150	533	14				
Growth C in %	Growth D %	Double C in days	Double D in days				
11,2%	10,3%	6,6 days	7,1 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
0,4	0,0	0,0%	14,6%				

2020-04-06		t-14		New C		New D	
Total Cases (C)	Total Death (D)	New C	New D				
4.778	136	1.190	37				
Growth C in %	Growth D %	Double C in days	Double D in days				
33,2%	37,4%	2,4 days	2,2 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
0,3	0,0	0,0%	13,8%				

Two weeks ago	2020-04-05		t-15		New C		New D	
	Total Cases (C)	Total Death (D)	New C	New D				
	3.588	99	506	13				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	16,4%	15,1%	4,6 days	4,9 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	0,3	0,0	0,0%	11,2%				

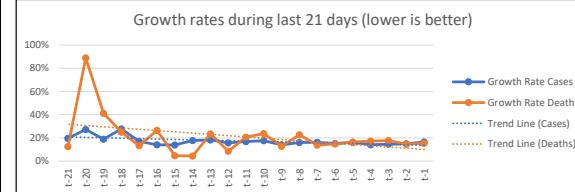
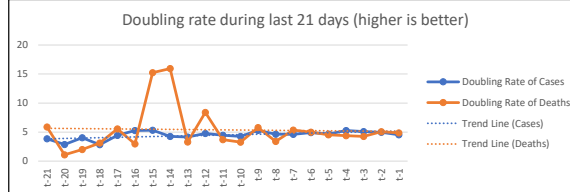
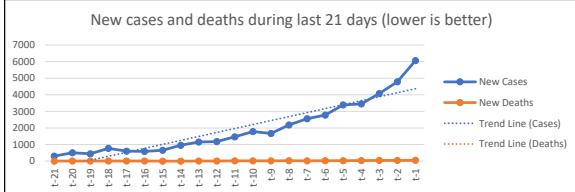
2020-04-04		t-16		New C		New D	
Total Cases (C)	Total Death (D)	New C	New D				
3.082	86	515	14				
Growth C in %	Growth D %	Double C in days	Double D in days				
20,1%	19,4%	3,8 days	3,9 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
0,2	0,0	0,0%	11,8%				

2020-04-03		t-17		New C		New D	
Total Cases (C)	Total Death (D)	New C	New D				
2.567	72	24	0				
Growth C in %	Growth D %	Double C in days	Double D in days				
0,9%	0,0%	73,8 days	-----				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
0,2	0,0	0,0%	11,0%				

2020-04-02	t-18		
Total Cases (C)	Total Death (D)	New C	New D
2,543	72	545	14
Growth C in %	Growth D %	Double C in days	Double D in days
27,3%	24,1%	2,9 days	3,2 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-18)
0,2	0,0	0,0%	13,4%

# COVID-19 Statistics RU (Russia)

RU (Russia)			
Data from (t-21):		Data to (t-1):	
2020-03-30		2020-04-19	
Statistic created:		Author:	
2020-04-20		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
2020-01-31	80	146.877.088	
Sources of data <sup>2</sup> :		Template:	
<a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a>		A-20-04-08	



Actual Week	2020-04-19 t-1				2020-04-18 t-2				2020-04-17 t-3				2020-04-16 t-4				2020-04-15 t-5				2020-04-14 t-6				2020-04-13 t-7			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	42.853	361	6.060	48	36.793	313	4.785	40	32.008	273	4.070	41	27.938	232	3.448	34	24.490	198	3.388	28	21.102	170	2.774	22	18.328	148	2.558	18
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
One week ago	16,5%	15,3%	4,5 days	4,9 days	14,9%	14,7%	5,0 days	5,1 days	14,6%	17,7%	5,1 days	4,3 days	14,1%	17,2%	5,3 days	4,4 days	16,1%	16,5%	4,7 days	4,5 days	15,1%	14,9%	4,9 days	5,0 days	16,2%	13,8%	4,6 days	5,3 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	29,2	0,2	0,0%	3,0%	25,1	0,2	0,0%	3,1%	21,8	0,2	0,0%	3,1%	19,0	0,2	0,0%	3,1%	16,7	0,1	0,0%	3,1%	14,4	0,1	0,0%	3,2%	12,5	0,1	0,0%	3,1%
Two weeks ago	2020-04-12 t-8				2020-04-11 t-9				2020-04-10 t-10				2020-04-09 t-11				2020-04-08 t-12				2020-04-07 t-13				2020-04-06 t-14			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	15.770	130	2.186	24	13.584	106	1.667	12	11.917	94	1.786	18	10.131	76	1.459	13	8.672	63	1.175	5	7.497	58	1.154	11	6.343	47	954	2
	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
Three weeks ago	16,1%	22,6%	4,6 days	3,4 days	14,0%	12,8%	5,3 days	5,8 days	17,6%	23,7%	4,3 days	3,3 days	16,8%	20,6%	4,5 days	3,7 days	15,7%	8,6%	4,8 days	8,4 days	18,2%	23,4%	4,1 days	3,3 days	17,7%	4,4%	4,3 days	15,9 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	10,7	0,1	0,0%	3,1%	9,2	0,1	0,0%	3,0%	8,1	0,1	0,0%	3,4%	6,9	0,1	0,0%	3,3%	5,9	0,0	0,0%	3,4%	5,1	0,0	0,0%	3,8%	4,3	0,0	0,0%	3,7%
Four weeks ago	2020-04-05 t-15				2020-04-04 t-16				2020-04-03 t-17				2020-04-02 t-18				2020-04-01 t-19				2020-03-31 t-20				2020-03-30 t-21			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	5.389	45	658	2	4.731	43	582	9	4.149	34	601	4	3.548	30	771	6	2.777	24	440	7	2.337	17	501	8	1.836	9	302	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	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	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	Growth C in %	Growth D %	Double C in days	Double D in days
Five weeks ago	13,9%	4,7%	5,3 days	15,2 days	14,0%	26,5%	5,3 days	3,0 days	16,9%	13,3%	4,4 days	5,5 days	27,8%	25,0%	2,8 days	3,1 days	18,8%	41,2%	4,0 days	2,0 days	27,3%	88,9%	2,9 days	1,1 days	19,7%	12,5%	3,9 days	5,9 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)	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)	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)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	3,7	0,0	0,0%	4,3%	3,2	0,0	0,0%	5,1%	2,8	0,0	0,0%	5,2%	2,4	0,0	0,0%	6,1%	1,9	0,0	0,0%	5,5%	1,6	0,0	0,0%	4,6%	1,3	0,0	0,0%	2,9%

## 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:

Growth rate compared to the day before in percent

Time to double:

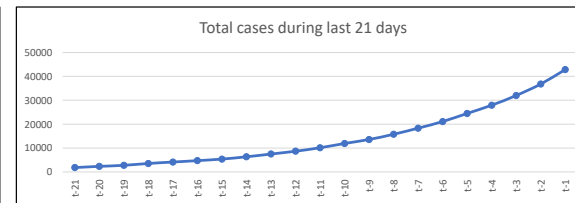
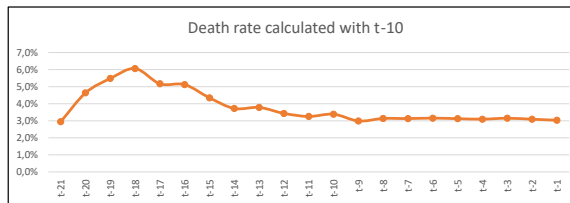
The time it takes until the actual cases/deaths are doubled in days

Recovered:

Not used because this is not an official and countable number

CFR:

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



## Footnotes:

<sup>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>