

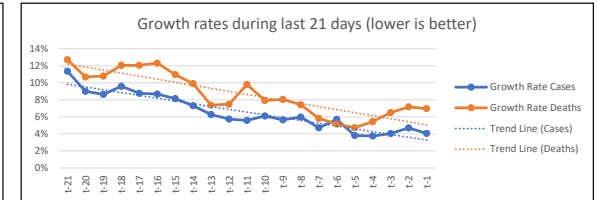
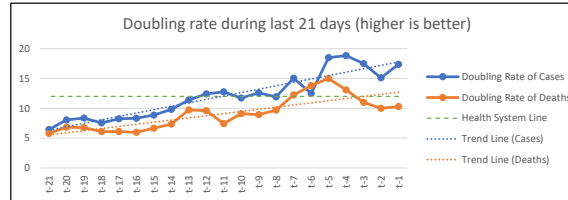
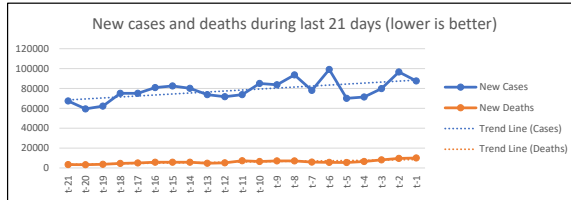
COVID-19 Statistics - Summary

Country / Region	1st Case	Days	Population
WORLD	December 2019	~ 109	7.750.000.000
United States	2020-01-22	87	327.167.434
Germany	2020-01-27	82	83.019.213
Italy	2020-01-31	78	60.262.701
Spain	2020-02-01	77	46.722.980
France	2020-01-24	85	66.993.000
United Kingdom	2020-01-31	78	66.435.550
China	December 2019	~ 109	1.400.050.000
India	2020-01-30	79	1.368.738.000
Russia	2020-01-31	78	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: 2020-04-18	2.276.473	156.119	0,03%	27.610	1.974						
2020-04-17	2.240.190	153.821	0,03%	87.544	10.021	28,91	1,98	4,07%	6,97%	17,4 days	10,3 days
Live Data: 2020-04-18	710.272	37.175	0,22%	537	21						
2020-04-17	699.706	36.773	0,21%	31.905	3.857	213,87	11,24	4,78%	11,72%	14,9 days	6,3 days
Live Data: 2020-04-18	142.210	4.381	0,17%	813	29						
2020-04-17	141.397	4.352	0,17%	3.699	300	170,32	5,24	2,69%	7,40%	26,1 days	9,7 days
Live Data: 2020-04-18	172.434	22.745	0,29%	0	0						
2020-04-17	172.434	22.745	0,29%	3.493	575	286,14	37,74	2,07%	2,59%	33,9 days	27,1 days
Live Data: 2020-04-18	191.726	20.043	0,41%	887	41						
2020-04-17	190.839	20.002	0,41%	5.891	687	408,45	42,81	3,19%	3,56%	22,1 days	19,8 days
Live Data: 2020-04-18	147.969	18.681	0,22%	4.785	40						
2020-04-17	147.969	18.681	0,22%	2.009	761	220,87	27,89	1,38%	4,25%	50,7 days	16,7 days
Live Data: 2020-04-18	82.719	4.632	0,12%	0	0						
2020-04-17	109.769	14.607	0,17%	5.624	848	165,23	21,99	5,40%	6,16%	13,2 days	11,6 days
Live Data: 2020-04-18	114.217	15.464	0,01%	0	0						
2020-04-17	83.760	4.636	0,01%	357	1.290	5,98	0,33	0,43%	38,55%	162,3 days	2,1 days
Live Data: 2020-04-18	14.792	488	0,00%	0	0						
2020-04-17	14.352	486	0,00%	922	38	1,05	0,04	6,87%	8,48%	10,4 days	8,5 days
Live Data: 2020-04-18	36.793	313	0,03%	0	0						
2020-04-17	32.008	273	0,02%	4.070	41	21,79	0,19	14,57%	17,67%	5,1 days	4,3 days

COVID-19 Statistics WORLD

WORLD			
Data from (t-21):		Data to (t-1):	
2020-03-28		2020-04-17	
Statistic created:		Author:	
2020-04-18		Tom Gries	
1st Case:	Days:	Population ¹ :	
December 2019	~ 109	7.750.000.000	
Sources of data ² :		Template:	A-20-04-08
http://homo-one.com/COVID-19-statistic			



Actual Week	2020-04-17 t-1			
	Total Cases (C)	Total Death (D)	New C	New D
	2.240.190	153.821	87.544	10.021
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,1%	7,0%	17,4 days	10,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	28,9	2,0	0,0%	10,4%

	2020-04-16 t-2			
	Total Cases (C)	Total Death (D)	New C	New D
	2.152.646	143.800	96.592	9.624
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,7%	7,2%	15,1 days	10,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	27,8	1,9	0,0%	10,3%

	2020-04-15 t-3			
	Total Cases (C)	Total Death (D)	New C	New D
	2.056.054	134.176	79.863	8.193
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,0%	6,5%	17,5 days	11,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	26,5	1,7	0,0%	10,2%

	2020-04-14 t-4			
	Total Cases (C)	Total Death (D)	New C	New D
	1.976.191	125.983	71.353	6.502
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,7%	5,4%	18,8 days	13,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	25,5	1,6	0,0%	10,1%

	2020-04-13 t-5			
	Total Cases (C)	Total Death (D)	New C	New D
	1.904.838	119.481	70.117	5.391
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,8%	4,7%	18,5 days	15,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	24,6	1,5	0,0%	10,2%

	2020-04-12 t-6			
	Total Cases (C)	Total Death (D)	New C	New D
	1.834.721	114.090	99.071	5.588
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,7%	5,2%	12,5 days	13,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	23,7	1,5	0,0%	10,4%

	2020-04-11 t-7			
	Total Cases (C)	Total Death (D)	New C	New D
	1.735.650	108.502	78.124	5.977
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,7%	5,8%	15,1 days	12,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	22,4	1,4	0,0%	10,7%

One week ago	2020-04-10 t-8			
	Total Cases (C)	Total Death (D)	New C	New D
	1.657.526	102.525	93.591	7.070
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,0%	7,4%	11,9 days	9,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	21,4	1,3	0,0%	11,0%

	2020-04-09 t-9			
	Total Cases (C)	Total Death (D)	New C	New D
	1.563.935	95.455	83.733	7.117
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,7%	8,1%	12,6 days	8,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	20,2	1,2	0,0%	11,1%

	2020-04-08 t-10			
	Total Cases (C)	Total Death (D)	New C	New D
	1.480.202	88.338	85.008	6.473
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,1%	7,9%	11,7 days	9,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	19,1	1,1	0,0%	11,3%

	2020-04-07 t-11			
	Total Cases (C)	Total Death (D)	New C	New D
	1.395.194	81.865	73.713	7.300
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,6%	9,8%	12,8 days	7,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	18,0	1,1	0,0%	11,4%

	2020-04-06 t-12			
	Total Cases (C)	Total Death (D)	New C	New D
	1.321.481	74.565	71.727	5.191
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,7%	7,5%	12,4 days	9,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	17,1	1,0	0,0%	11,3%

	2020-04-05 t-13			
	Total Cases (C)	Total Death (D)	New C	New D
	1.249.754	69.374	73.694	4.768
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,3%	7,4%	11,4 days	9,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	16,1	0,9	0,0%	11,7%

	2020-04-04 t-14			
	Total Cases (C)	Total Death (D)	New C	New D
	1.176.060	64.606	80.143	5.819
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,3%	9,9%	9,8 days	7,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	15,2	0,8	0,0%	12,2%

Two week ago	2020-04-03 t-15			
	Total Cases (C)	Total Death (D)	New C	New D
	1.095.917	58.787	82.451	5.804
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,1%	11,0%	8,9 days	6,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	14,1	0,8	0,0%	12,6%

	2020-04-02 t-16			
	Total Cases (C)	Total Death (D)	New C	New D
	1.013.466	52.983	80.861	5.803
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,7%	12,3%	8,3 days	6,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	13,1	0,7	0,0%	12,7%

	2020-04-01 t-17			
	Total Cases (C)	Total Death (D)	New C	New D
	932.605	47.180	75.118	5.073
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,8%	12,0%	8,3 days	6,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	12,0	0,6	0,0%	12,5%

	2020-03-31 t-18			
	Total Cases (C)	Total Death (D)	New C	New D
	857.487	42.107	75.098	4.525
	Growth C in %	Growth D %	Double C in days	Double D in days
	9,6%	12,0%	7,6 days	6,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	11,1	0,5	0,0%	12,5%

	2020-03-30 t-19			
	Total Cases (C)	Total Death (D)	New C	New D
	782.389	37.582	62.249	3.657
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,6%	10,8%	8,4 days	6,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	10,1	0,5	0,0%	12,3%

	2020-03-29 t-20			
	Total Cases (C)	Total Death (D)	New C	New D
	720.140	33.925	59.447	3.273
	Growth C in %	Growth D %	Double C in days	Double D in days
	9,0%	10,7%	8,0 days	6,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	9,3	0,4	0,0%	12,5%

	2020-03-28 t-21			
	Total Cases (C)	Total Death (D)	New C	New D
	660.693	30.652	67.402	3.454
	Growth C in %	Growth D %	Double C in days	Double D in days
	11,4%	12,7%	6,4 days	5,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	8,5	0,4	0,0%	12,6%

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

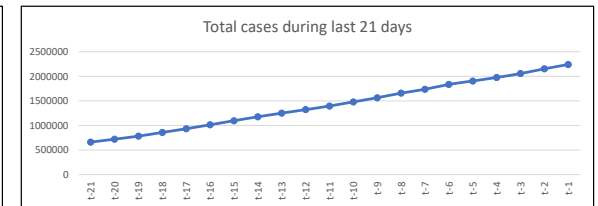
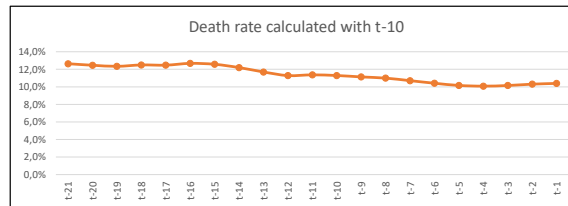
New Death: Compared to the day before

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

Time to double: The time it takes until the actual cases/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.



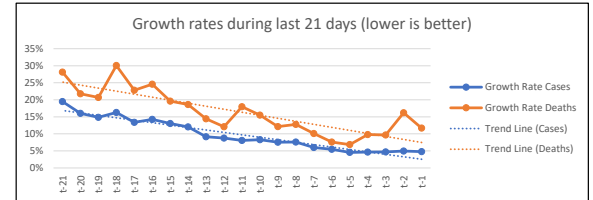
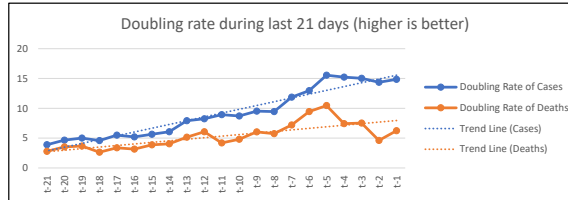
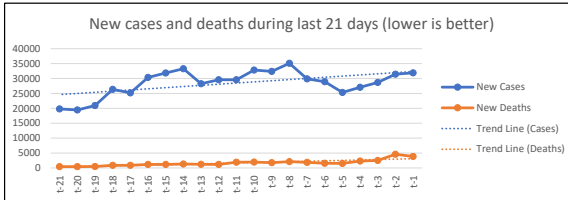
Footnotes:

¹ Population from Wikipedia [DE]

² 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):	
2020-03-28		2020-04-17	
Statistic created:		Author:	
2020-04-18		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-22	87	327.167.434	
Sources of data ² :		Template:	A-20-04-08
http://tomo-one.com/COVID-19-statistic			



Actual Week	2020-04-17 t-1			
	Total Cases (C)	Total Death (D)	New C	New D
	699.706	36.773	31.905	3.857
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,8%	11,7%	14,9 days	6,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	213,9	11,2	0,2%	8,6%

	2020-04-16 t-2			
	Total Cases (C)	Total Death (D)	New C	New D
	667.801	32.916	31.451	4.591
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,9%	16,2%	14,4 days	4,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	204,1	10,1	0,2%	8,3%

	2020-04-15 t-3			
	Total Cases (C)	Total Death (D)	New C	New D
	636.350	28.325	28.680	2.494
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,7%	9,7%	15,0 days	7,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	194,5	8,7	0,2%	7,7%

	2020-04-14 t-4			
	Total Cases (C)	Total Death (D)	New C	New D
	607.670	25.831	27.051	2.303
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,7%	9,8%	15,2 days	7,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	185,7	7,9	0,2%	7,7%

	2020-04-13 t-5			
	Total Cases (C)	Total Death (D)	New C	New D
	580.619	23.528	25.306	1.509
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,6%	6,9%	15,6 days	10,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	177,5	7,2	0,2%	7,6%

	2020-04-12 t-6			
	Total Cases (C)	Total Death (D)	New C	New D
	555.313	22.019	28.917	1.557
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,5%	7,6%	13,0 days	9,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	169,7	6,7	0,2%	8,0%

	2020-04-11 t-7			
	Total Cases (C)	Total Death (D)	New C	New D
	526.396	20.462	29.861	1.876
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,0%	10,1%	11,9 days	7,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	160,9	6,3	0,2%	8,4%

One week ago	2020-04-10 t-8			
	Total Cases (C)	Total Death (D)	New C	New D
	496.535	18.586	35.098	2.108
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,6%	12,8%	9,5 days	5,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	151,8	5,7	0,2%	8,7%

	2020-04-09 t-9			
	Total Cases (C)	Total Death (D)	New C	New D
	461.437	16.478	32.385	1.783
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,5%	12,1%	9,5 days	6,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	141,0	5,0	0,1%	8,8%

	2020-04-08 t-10			
	Total Cases (C)	Total Death (D)	New C	New D
	429.052	14.695	32.829	1.973
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,3%	15,5%	8,7 days	4,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	131,1	4,5	0,1%	9,1%

	2020-04-07 t-11			
	Total Cases (C)	Total Death (D)	New C	New D
	396.223	12.722	29.556	1.939
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,1%	18,0%	8,9 days	4,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	121,1	3,9	0,1%	9,0%

	2020-04-06 t-12			
	Total Cases (C)	Total Death (D)	New C	New D
	366.667	10.783	29.595	1.164
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,8%	12,1%	8,2 days	6,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	112,1	3,3	0,1%	8,9%

	2020-04-05 t-13			
	Total Cases (C)	Total Death (D)	New C	New D
	337.072	9.619	28.219	1.212
	Growth C in %	Growth D %	Double C in days	Double D in days
	9,1%	14,4%	7,9 days	5,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	103,0	2,9	0,1%	9,5%

	2020-04-04 t-14			
	Total Cases (C)	Total Death (D)	New C	New D
	308.853	8.407	33.267	1.320
	Growth C in %	Growth D %	Double C in days	Double D in days
	12,1%	18,6%	6,1 days	4,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	94,4	2,6	0,1%	10,0%

Two week ago	2020-04-03 t-15			
	Total Cases (C)	Total Death (D)	New C	New D
	275.586	7.087	31.824	1.161
	Growth C in %	Growth D %	Double C in days	Double D in days
	13,1%	19,6%	5,6 days	3,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	84,2	2,2	0,1%	10,8%

	2020-04-02 t-16			
	Total Cases (C)	Total Death (D)	New C	New D
	243.762	5.926	30.390	1.169
	Growth C in %	Growth D %	Double C in days	Double D in days
	14,2%	24,6%	5,2 days	3,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	74,5	1,8	0,1%	11,0%

	2020-04-01 t-17			
	Total Cases (C)	Total Death (D)	New C	New D
	213.372	4.757	25.200	884
	Growth C in %	Growth D %	Double C in days	Double D in days
	13,4%	22,8%	5,5 days	3,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	65,2	1,5	0,1%	10,9%

	2020-03-31 t-18			
	Total Cases (C)	Total Death (D)	New C	New D
	188.172	3.873	26.341	895
	Growth C in %	Growth D %	Double C in days	Double D in days
	16,3%	30,1%	4,6 days	2,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	57,5	1,2	0,1%	11,6%

	2020-03-30 t-19			
	Total Cases (C)	Total Death (D)	New C	New D
	161.831	2.978	20.922	511
	Growth C in %	Growth D %	Double C in days	Double D in days
	14,8%	20,7%	5,0 days	3,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	49,5	0,9	0,0%	11,6%

	2020-03-29 t-20			
	Total Cases (C)	Total Death (D)	New C	New D
	140.909	2.467	19.444	441
	Growth C in %	Growth D %	Double C in days	Double D in days
	16,0%	21,8%	4,7 days	3,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	43,1	0,8	0,0%	12,8%

	2020-03-28 t-21			
	Total Cases (C)	Total Death (D)	New C	New D
	121.465	2.026	19.808	445
	Growth C in %	Growth D %	Double C in days	Double D in days
	19,5%	28,1%	3,9 days	2,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	37,1	0,6	0,0%	14,7%

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

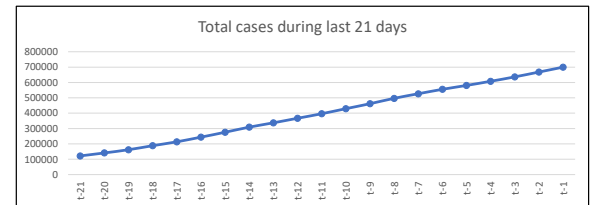
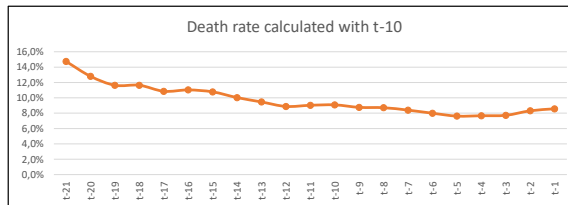
New Death: Compared to the day before

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

Time to double: The time it takes until the actual cases/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.



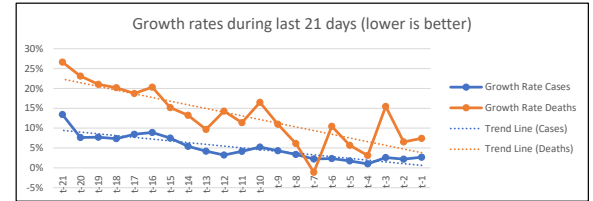
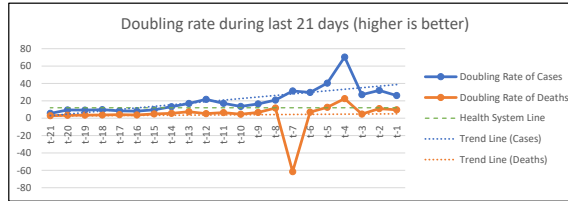
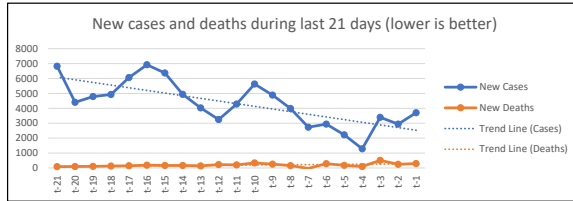
Footnotes:

¹ Population from Wikipedia [DE]

² 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):	
2020-03-28		2020-04-17	
Statistic created:		Author:	
2020-04-18		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-27	82	83.019.213	
Sources of data ² :		Template:	A-20-04-08
http://komo-one.com/COVID-19-statistic			



Actual Week	2020-04-17 t-1			
	Total Cases (C)	Total Death (D)	New C	New D
	141.397	4.352	3.699	300
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,7%	7,4%	26,1 days	9,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	170,3	5,2	0,2%	3,8%

	2020-04-16 t-2			
	Total Cases (C)	Total Death (D)	New C	New D
	137.698	4.052	2.945	248
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,2%	6,5%	32,1 days	11,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	165,9	4,9	0,2%	3,8%

	2020-04-15 t-3			
	Total Cases (C)	Total Death (D)	New C	New D
	134.753	3.804	3.394	510
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,6%	15,5%	27,2 days	4,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	162,3	4,6	0,2%	3,7%

	2020-04-14 t-4			
	Total Cases (C)	Total Death (D)	New C	New D
	131.359	3.294	1.287	100
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,0%	3,1%	70,4 days	22,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	158,2	4,0	0,2%	3,3%

	2020-04-13 t-5			
	Total Cases (C)	Total Death (D)	New C	New D
	130.072	3.194	2.218	172
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,7%	5,7%	40,3 days	12,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	156,7	3,8	0,2%	3,3%

	2020-04-12 t-6			
	Total Cases (C)	Total Death (D)	New C	New D
	127.854	3.022	2.946	286
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,4%	10,5%	29,7 days	7,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	154,0	3,6	0,2%	3,3%

	2020-04-11 t-7			
	Total Cases (C)	Total Death (D)	New C	New D
	124.908	2.736	2.737	-31
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,2%	-1,1%	31,3 days	-61,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	150,5	3,3	0,2%	3,2%

One week ago	2020-04-10 t-8			
	Total Cases (C)	Total Death (D)	New C	New D
	122.171	2.767	3.990	160
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,4%	6,1%	20,9 days	11,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	147,2	3,3	0,1%	3,6%

	2020-04-09 t-9			
	Total Cases (C)	Total Death (D)	New C	New D
	118.181	2.607	4.885	258
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,3%	11,0%	16,4 days	6,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	142,4	3,1	0,1%	3,6%

	2020-04-08 t-10			
	Total Cases (C)	Total Death (D)	New C	New D
	113.296	2.349	5.633	333
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,2%	16,5%	13,6 days	4,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	136,5	2,8	0,1%	3,5%

	2020-04-07 t-11			
	Total Cases (C)	Total Death (D)	New C	New D
	107.663	2.016	4.289	206
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,1%	11,4%	17,1 days	6,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	129,7	2,4	0,1%	3,2%

	2020-04-06 t-12			
	Total Cases (C)	Total Death (D)	New C	New D
	103.374	1.810	3.251	226
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,2%	14,3%	21,7 days	5,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	124,5	2,2	0,1%	3,1%

	2020-04-05 t-13			
	Total Cases (C)	Total Death (D)	New C	New D
	100.123	1.584	4.031	140
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,2%	9,7%	16,9 days	7,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	120,6	1,9	0,1%	3,1%

	2020-04-04 t-14			
	Total Cases (C)	Total Death (D)	New C	New D
	96.092	1.444	4.933	169
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,4%	13,3%	13,2 days	5,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	115,7	1,7	0,1%	3,3%

Two week ago	2020-04-03 t-15			
	Total Cases (C)	Total Death (D)	New C	New D
	91.159	1.275	6.365	168
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,5%	15,2%	9,6 days	4,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	109,8	1,5	0,1%	3,4%

	2020-04-02 t-16			
	Total Cases (C)	Total Death (D)	New C	New D
	84.794	1.107	6.922	187
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,9%	20,3%	8,1 days	3,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	102,1	1,3	0,1%	3,4%

	2020-04-01 t-17			
	Total Cases (C)	Total Death (D)	New C	New D
	77.872	920	6.064	145
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,4%	18,7%	8,5 days	4,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	93,8	1,1	0,1%	3,2%

	2020-03-31 t-18			
	Total Cases (C)	Total Death (D)	New C	New D
	71.808	775	4.923	130
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,4%	20,2%	9,8 days	3,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	86,5	0,9	0,1%	3,1%

	2020-03-30 t-19			
	Total Cases (C)	Total Death (D)	New C	New D
	66.885	645	4.790	112
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,7%	21,0%	9,3 days	3,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	80,6	0,8	0,1%	2,9%

	2020-03-29 t-20			
	Total Cases (C)	Total Death (D)	New C	New D
	62.095	533	4.400	100
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,6%	23,1%	9,4 days	3,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	74,8	0,6	0,1%	2,7%

	2020-03-28 t-21			
	Total Cases (C)	Total Death (D)	New C	New D
	57.695	433	6.824	91
	Growth C in %	Growth D %	Double C in days	Double D in days
	13,4%	26,6%	5,5 days	2,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	69,5	0,5	0,1%	2,8%

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

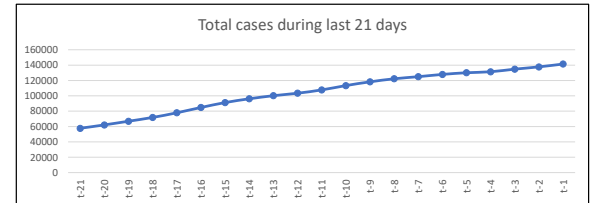
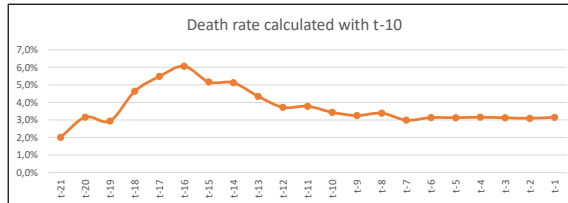
New Death: Compared to the day before

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

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.



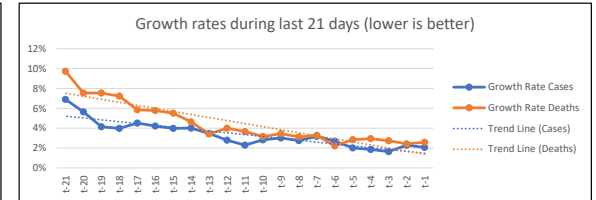
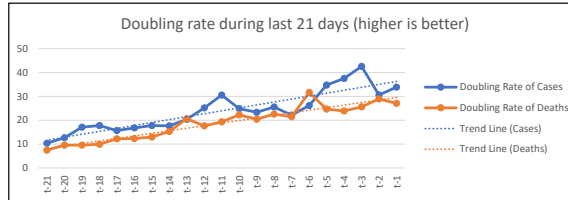
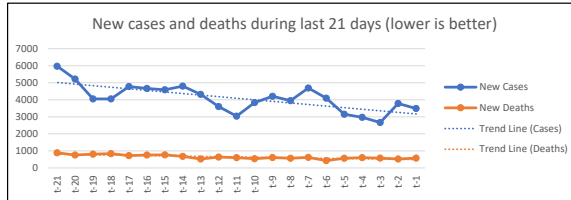
Footnotes:

¹ Population from Wikipedia [DE]

² 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):	
2020-03-28		2020-04-17	
Statistic created:		Author:	
2020-04-18		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-31	78	60.262.701	
Sources of data ² :		Template:	A-20-04-08
http://homo.one/COVID-19-statistic			



Actual Week	2020-04-17 t-1			
	Total Cases (C)	Total Death (D)	New C	New D
	172.434	22.745	3.493	575
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,1%	2,6%	33,9 days	27,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	286,1	37,7	0,3%	16,3%

	2020-04-16 t-2			
	Total Cases (C)	Total Death (D)	New C	New D
	168.941	22.170	3.786	525
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,3%	2,4%	30,6 days	28,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	280,3	36,8	0,3%	16,4%

	2020-04-15 t-3			
	Total Cases (C)	Total Death (D)	New C	New D
	165.155	21.645	2.667	578
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,6%	2,7%	42,6 days	25,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	274,1	35,9	0,3%	16,3%

	2020-04-14 t-4			
	Total Cases (C)	Total Death (D)	New C	New D
	162.488	21.067	2.972	602
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,9%	2,9%	37,5 days	23,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	269,6	35,0	0,3%	16,3%

	2020-04-13 t-5			
	Total Cases (C)	Total Death (D)	New C	New D
	159.516	20.465	3.153	566
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,0%	2,8%	34,7 days	24,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	264,7	34,0	0,3%	16,4%

	2020-04-12 t-6			
	Total Cases (C)	Total Death (D)	New C	New D
	156.363	19.899	4.092	431
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,7%	2,2%	26,1 days	31,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	259,5	33,0	0,3%	16,6%

	2020-04-11 t-7			
	Total Cases (C)	Total Death (D)	New C	New D
	152.271	19.468	4.694	619
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,2%	3,3%	22,1 days	21,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	252,7	32,3	0,3%	16,9%

One week ago	2020-04-10 t-8			
	Total Cases (C)	Total Death (D)	New C	New D
	147.577	18.849	3.951	570
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,8%	3,1%	25,5 days	22,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	244,9	31,3	0,2%	17,0%

	2020-04-09 t-9			
	Total Cases (C)	Total Death (D)	New C	New D
	143.626	18.279	4.204	610
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,0%	3,5%	23,3 days	20,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	238,3	30,3	0,2%	17,3%

	2020-04-08 t-10			
	Total Cases (C)	Total Death (D)	New C	New D
	139.422	17.669	3.836	542
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,8%	3,2%	24,8 days	22,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	231,4	29,3	0,2%	17,4%

	2020-04-07 t-11			
	Total Cases (C)	Total Death (D)	New C	New D
	135.586	17.127	3.039	604
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,3%	3,7%	30,6 days	19,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	225,0	28,4	0,2%	17,5%

	2020-04-06 t-12			
	Total Cases (C)	Total Death (D)	New C	New D
	132.547	16.523	3.599	636
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,8%	4,0%	25,2 days	17,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	219,9	27,4	0,2%	17,9%

	2020-04-05 t-13			
	Total Cases (C)	Total Death (D)	New C	New D
	128.948	15.887	4.316	525
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,5%	3,4%	20,4 days	20,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	214,0	26,4	0,2%	18,4%

	2020-04-04 t-14			
	Total Cases (C)	Total Death (D)	New C	New D
	124.632	15.362	4.805	681
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,0%	4,6%	17,6 days	15,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	206,8	25,5	0,2%	19,1%

Two week ago	2020-04-03 t-15			
	Total Cases (C)	Total Death (D)	New C	New D
	119.827	14.681	4.585	766
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,0%	5,5%	17,8 days	12,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	198,8	24,4	0,2%	19,7%

	2020-04-02 t-16			
	Total Cases (C)	Total Death (D)	New C	New D
	115.242	13.915	4.668	760
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,2%	5,8%	16,8 days	12,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	191,2	23,1	0,2%	20,1%

	2020-04-01 t-17			
	Total Cases (C)	Total Death (D)	New C	New D
	110.574	13.155	4.782	727
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,5%	5,8%	15,7 days	12,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	183,5	21,8	0,2%	20,6%

	2020-03-31 t-18			
	Total Cases (C)	Total Death (D)	New C	New D
	105.792	12.428	4.053	837
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,0%	7,2%	17,7 days	9,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	175,6	20,6	0,2%	21,0%

	2020-03-30 t-19			
	Total Cases (C)	Total Death (D)	New C	New D
	101.739	11.591	4.050	812
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,1%	7,5%	17,1 days	9,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	168,8	19,2	0,2%	21,6%

	2020-03-29 t-20			
	Total Cases (C)	Total Death (D)	New C	New D
	97.689	10.779	5.217	756
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,6%	7,5%	12,6 days	9,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	162,1	17,9	0,2%	22,9%

	2020-03-28 t-21			
	Total Cases (C)	Total Death (D)	New C	New D
	92.472	10.023	5.974	889
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,9%	9,7%	10,4 days	7,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	153,4	16,6	0,2%	24,4%

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

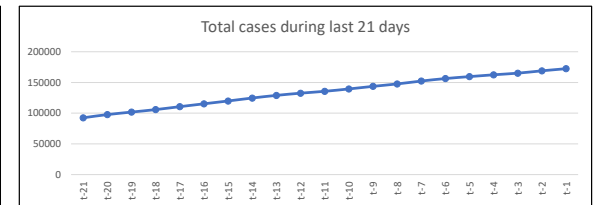
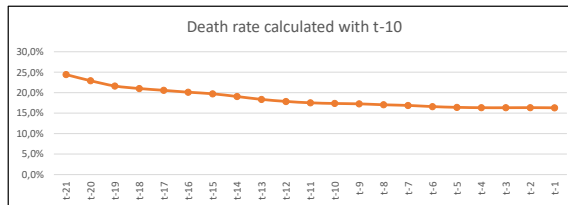
New Death: Compared to the day before

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.



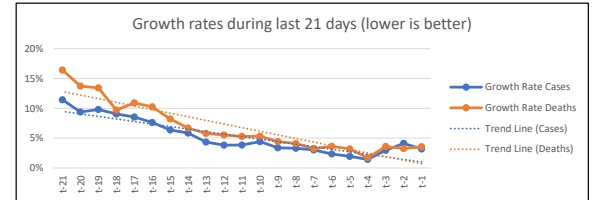
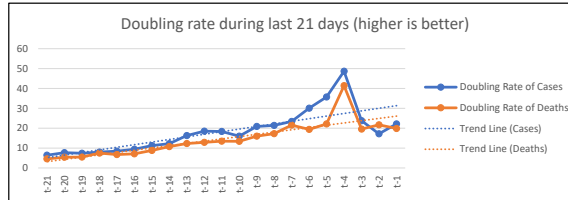
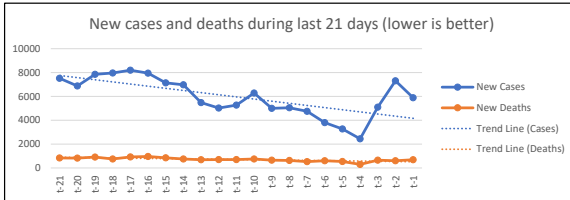
Footnotes:

¹ Population from Wikipedia [DE]

² 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):	
2020-03-28		2020-04-17	
Statistic created:		Author:	
2020-04-18		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-02-01	77	46.722.980	
Sources of data ² :		Template:	A-20-04-08
http://homo.one/COVID-19-statistic			



Actual Week	2020-04-17 t-1			
	Total Cases (C)	Total Death (D)	New C	New D
	190.839	20.002	5.891	687
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,2%	3,6%	22,1 days	19,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	408,4	42,8	0,4%	13,5%

	2020-04-16 t-2			
	Total Cases (C)	Total Death (D)	New C	New D
	184.948	19.315	7.304	607
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,1%	3,2%	17,2 days	21,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	395,8	41,3	0,4%	13,6%

	2020-04-15 t-3			
	Total Cases (C)	Total Death (D)	New C	New D
	177.644	18.708	5.103	652
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,0%	3,6%	23,8 days	19,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	380,2	40,0	0,4%	13,7%

	2020-04-14 t-4			
	Total Cases (C)	Total Death (D)	New C	New D
	172.541	18.056	2.442	300
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,4%	1,7%	48,6 days	41,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	369,3	38,6	0,4%	13,7%

	2020-04-13 t-5			
	Total Cases (C)	Total Death (D)	New C	New D
	170.099	17.756	3.268	547
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,0%	3,2%	35,7 days	22,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	364,1	38,0	0,4%	14,1%

	2020-04-12 t-6			
	Total Cases (C)	Total Death (D)	New C	New D
	166.831	17.209	3.804	603
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,3%	3,6%	30,1 days	19,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	357,1	36,8	0,4%	14,4%

	2020-04-11 t-7			
	Total Cases (C)	Total Death (D)	New C	New D
	163.027	16.606	4.754	525
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,0%	3,3%	23,4 days	21,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	348,9	35,5	0,3%	14,8%

One week ago	2020-04-10 t-8			
	Total Cases (C)	Total Death (D)	New C	New D
	158.273	16.081	5.051	634
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,3%	4,1%	21,4 days	17,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	338,7	34,4	0,3%	15,4%

	2020-04-09 t-9			
	Total Cases (C)	Total Death (D)	New C	New D
	153.222	15.447	5.002	655
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,4%	4,4%	20,9 days	16,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	327,9	33,1	0,3%	16,1%

	2020-04-08 t-10			
	Total Cases (C)	Total Death (D)	New C	New D
	148.220	14.792	6.278	747
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,4%	5,3%	16,0 days	13,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	317,2	31,7	0,3%	16,8%

	2020-04-07 t-11			
	Total Cases (C)	Total Death (D)	New C	New D
	141.942	14.045	5.267	704
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,9%	5,3%	18,3 days	13,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	303,8	30,1	0,3%	17,5%

	2020-04-06 t-12			
	Total Cases (C)	Total Death (D)	New C	New D
	136.675	13.341	5.029	700
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,8%	5,5%	18,5 days	12,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	292,5	28,6	0,3%	18,2%

	2020-04-05 t-13			
	Total Cases (C)	Total Death (D)	New C	New D
	131.646	12.641	5.478	694
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,3%	5,8%	16,3 days	12,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	281,8	27,1	0,3%	19,2%

	2020-04-04 t-14			
	Total Cases (C)	Total Death (D)	New C	New D
	126.168	11.947	6.969	749
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,8%	6,7%	12,2 days	10,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	270,0	25,6	0,3%	20,7%

Two week ago	2020-04-03 t-15			
	Total Cases (C)	Total Death (D)	New C	New D
	119.199	11.198	7.134	850
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,4%	8,2%	11,2 days	8,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	255,1	24,0	0,3%	22,6%

	2020-04-02 t-16			
	Total Cases (C)	Total Death (D)	New C	New D
	112.065	10.348	7.947	961
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,6%	10,2%	9,4 days	7,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	239,8	22,1	0,2%	25,9%

	2020-04-01 t-17			
	Total Cases (C)	Total Death (D)	New C	New D
	104.118	9.387	8.195	923
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,5%	10,9%	8,5 days	6,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	222,8	20,1	0,2%	26,7%

	2020-03-31 t-18			
	Total Cases (C)	Total Death (D)	New C	New D
	95.923	8.464	7.967	748
	Growth C in %	Growth D %	Double C in days	Double D in days
	9,1%	9,7%	8,0 days	7,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	205,3	18,1	0,2%	29,4%

	2020-03-30 t-19			
	Total Cases (C)	Total Death (D)	New C	New D
	87.956	7.716	7.846	913
	Growth C in %	Growth D %	Double C in days	Double D in days
	9,8%	13,4%	7,4 days	5,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	188,2	16,5	0,2%	30,4%

	2020-03-29 t-20			
	Total Cases (C)	Total Death (D)	New C	New D
	80.110	6.803	6.875	821
	Growth C in %	Growth D %	Double C in days	Double D in days
	9,4%	13,7%	7,7 days	5,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	171,5	14,6	0,2%	33,3%

	2020-03-28 t-21			
	Total Cases (C)	Total Death (D)	New C	New D
	73.235	5.982	7.516	844
	Growth C in %	Growth D %	Double C in days	Double D in days
	11,4%	16,4%	6,4 days	4,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	156,7	12,8	0,2%	33,3%

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

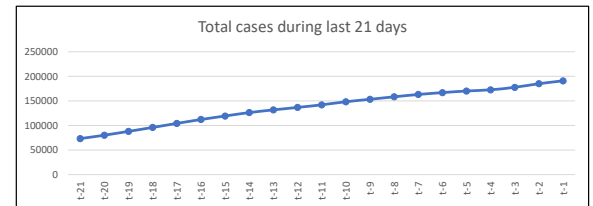
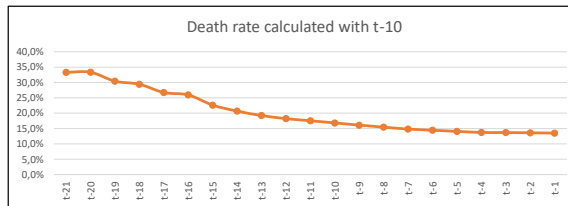
New Death: Compared to the day before

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.



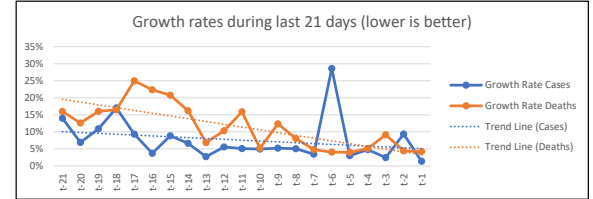
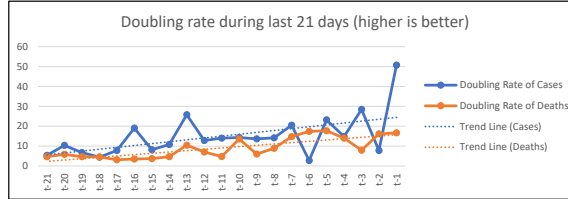
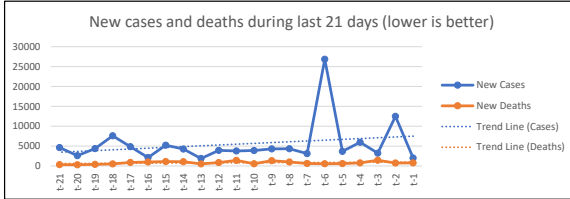
Footnotes:

¹ Population from Wikipedia [DE]

² 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):	
2020-03-28		2020-04-17	
Statistic created:		Author:	
2020-04-18		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-24	85	66.993.000	
Sources of data ² :		Template:	A-20-04-08
http://tomo-one.com/COVID-19-statistic			



Actual Week	2020-04-17		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	147.969	18.681	2.009	761
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,4%	4,2%	50,7 days	16,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	220,9	27,9	0,2%	22,8%

2020-04-16		t-2	
Total Cases (C)	Total Death (D)	New C	New D
145.960	17.920	12.490	753
Growth C in %	Growth D %	Double C in days	Double D in days
9,4%	4,4%	7,7 days	16,1 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
217,9	26,7	0,2%	22,9%

2020-04-15		t-3	
Total Cases (C)	Total Death (D)	New C	New D
133.470	17.167	3.217	1.438
Growth C in %	Growth D %	Double C in days	Double D in days
2,5%	9,1%	28,4 days	7,9 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
199,2	25,6	0,2%	23,1%

2020-04-14		t-4	
Total Cases (C)	Total Death (D)	New C	New D
130.253	15.729	5.955	762
Growth C in %	Growth D %	Double C in days	Double D in days
4,8%	5,1%	14,8 days	14,0 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
194,4	23,5	0,2%	22,3%

2020-04-13		t-5	
Total Cases (C)	Total Death (D)	New C	New D
124.298	14.967	3.665	574
Growth C in %	Growth D %	Double C in days	Double D in days
3,0%	4,0%	23,2 days	17,7 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
185,5	22,3	0,2%	21,8%

2020-04-12		t-6	
Total Cases (C)	Total Death (D)	New C	New D
120.633	14.393	26.843	561
Growth C in %	Growth D %	Double C in days	Double D in days
28,6%	4,1%	2,8 days	17,4 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
180,1	21,5	0,2%	22,4%

2020-04-11		t-7	
Total Cases (C)	Total Death (D)	New C	New D
93.790	13.832	3.114	635
Growth C in %	Growth D %	Double C in days	Double D in days
3,4%	4,8%	20,5 days	14,7 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
140,0	20,6	0,1%	23,4%

One week ago	2020-04-10		t-8	
	Total Cases (C)	Total Death (D)	New C	New D
	90.676	13.197	4.342	987
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,0%	8,1%	14,1 days	8,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	135,4	19,7	0,1%	23,2%

2020-04-09		t-9	
Total Cases (C)	Total Death (D)	New C	New D
86.334	12.210	4.286	1.341
Growth C in %	Growth D %	Double C in days	Double D in days
5,2%	12,3%	13,6 days	6,0 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
128,9	18,2	0,1%	23,4%

2020-04-08		t-10	
Total Cases (C)	Total Death (D)	New C	New D
82.048	10.869	3.881	541
Growth C in %	Growth D %	Double C in days	Double D in days
5,0%	5,2%	14,3 days	13,6 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
122,5	16,2	0,1%	24,4%

2020-04-07		t-11	
Total Cases (C)	Total Death (D)	New C	New D
78.167	10.328	3.777	1.417
Growth C in %	Growth D %	Double C in days	Double D in days
5,1%	15,9%	14,0 days	4,7 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
116,7	15,4	0,1%	25,7%

2020-04-06		t-12	
Total Cases (C)	Total Death (D)	New C	New D
74.390	8.911	3.912	833
Growth C in %	Growth D %	Double C in days	Double D in days
5,6%	10,3%	12,8 days	7,1 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
111,0	13,3	0,1%	23,7%

2020-04-05		t-13	
Total Cases (C)	Total Death (D)	New C	New D
70.478	8.078	1.873	518
Growth C in %	Growth D %	Double C in days	Double D in days
2,7%	6,9%	25,7 days	10,5 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
105,2	12,1	0,1%	24,5%

2020-04-04		t-14	
Total Cases (C)	Total Death (D)	New C	New D
68.605	7.560	4.267	1.053
Growth C in %	Growth D %	Double C in days	Double D in days
6,6%	16,2%	10,8 days	4,6 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
102,4	11,3	0,1%	25,9%

Two weeks ago	2020-04-03		t-15	
	Total Cases (C)	Total Death (D)	New C	New D
	64.338	6.507	5.233	1.120
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,9%	20,8%	8,2 days	3,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	96,0	9,7	0,1%	25,8%

2020-04-02		t-16	
Total Cases (C)	Total Death (D)	New C	New D
59.105	5.387	2.116	984
Growth C in %	Growth D %	Double C in days	Double D in days
3,7%	22,3%	19,0 days	3,4 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
88,2	8,0	0,1%	24,2%

2020-04-01		t-17	
Total Cases (C)	Total Death (D)	New C	New D
56.989	4.403	4.861	880
Growth C in %	Growth D %	Double C in days	Double D in days
9,3%	25,0%	7,8 days	3,1 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
85,1	6,6	0,1%	22,2%

2020-03-31		t-18	
Total Cases (C)	Total Death (D)	New C	New D
52.128	3.523	7.578	499
Growth C in %	Growth D %	Double C in days	Double D in days
17,0%	16,5%	4,4 days	4,5 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
77,8	5,3	0,1%	22,0%

2020-03-30		t-19	
Total Cases (C)	Total Death (D)	New C	New D
44.550	3.024	4.376	418
Growth C in %	Growth D %	Double C in days	Double D in days
10,9%	16,0%	6,7 days	4,7 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
66,5	4,5	0,1%	21,2%

2020-03-29		t-20	
Total Cases (C)	Total Death (D)	New C	New D
40.174	2.606	2.599	292
Growth C in %	Growth D %	Double C in days	Double D in days
6,9%	12,6%	10,4 days	5,8 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
60,0	3,9	0,1%	20,7%

2020-03-28		t-21	
Total Cases (C)	Total Death (D)	New C	New D
37.575	2.314	4.611	319
Growth C in %	Growth D %	Double C in days	Double D in days
14,0%	16,0%	5,3 days	4,7 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
56,1	3,5	0,1%	21,3%

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

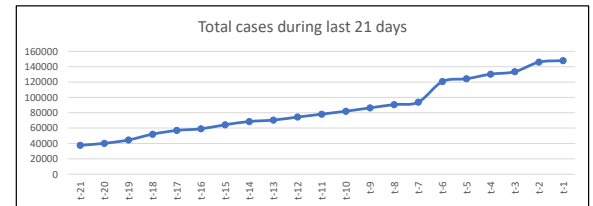
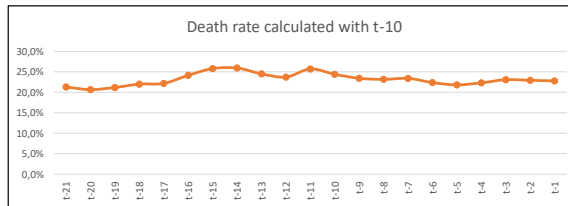
New Death: Compared to the day before

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.



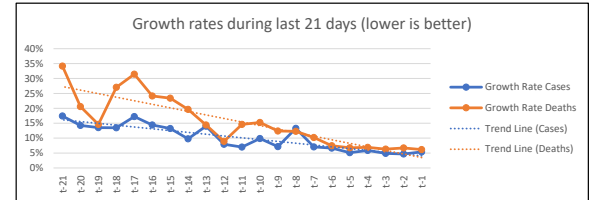
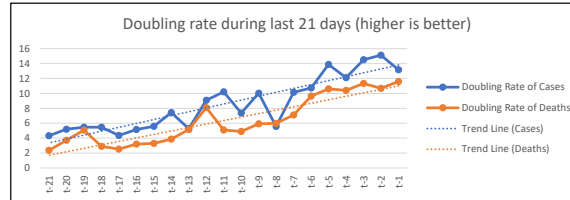
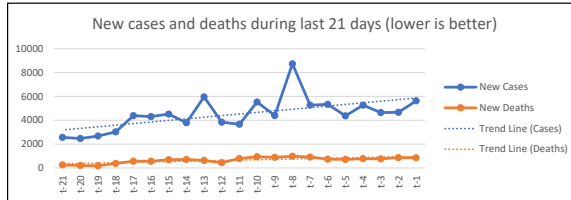
Footnotes:

¹ Population from Wikipedia [DE]

² 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):	
2020-03-28		2020-04-17	
Statistic created:		Author:	
2020-04-18		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-31	78	66.435.550	
Sources of data ² :		Template:	A-20-04-08
http://tomo.one/COVID-19-statistic			



Actual Week	2020-04-17		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	109.769	14.607	5.624	848
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,4%	6,2%	13,2 days	11,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	165,2	22,0	0,2%	23,8%

	2020-04-16		t-2	
	Total Cases (C)	Total Death (D)	New C	New D
	104.145	13.759	4.662	865
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,7%	6,7%	15,1 days	10,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	156,8	20,7	0,2%	24,6%

	2020-04-15		t-3	
	Total Cases (C)	Total Death (D)	New C	New D
	99.483	12.894	4.638	765
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,9%	6,3%	14,5 days	11,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	149,7	19,4	0,1%	24,7%

	2020-04-14		t-4	
	Total Cases (C)	Total Death (D)	New C	New D
	94.845	12.129	5.275	782
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,9%	6,9%	12,1 days	10,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	142,8	18,3	0,1%	25,0%

	2020-04-13		t-5	
	Total Cases (C)	Total Death (D)	New C	New D
	89.570	11.347	4.364	718
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,1%	6,8%	13,9 days	10,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	134,8	17,1	0,1%	26,7%

	2020-04-12		t-6	
	Total Cases (C)	Total Death (D)	New C	New D
	85.206	10.629	5.332	737
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,7%	7,5%	10,7 days	9,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	128,3	16,0	0,1%	27,5%

	2020-04-11		t-7	
	Total Cases (C)	Total Death (D)	New C	New D
	79.874	9.892	5.269	918
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,1%	10,2%	10,2 days	7,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	120,2	14,9	0,1%	28,9%

One week ago	2020-04-10		t-8	
	Total Cases (C)	Total Death (D)	New C	New D
	74.605	8.974	8.733	981
	Growth C in %	Growth D %	Double C in days	Double D in days
	13,3%	12,3%	5,6 days	6,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	112,3	13,5	0,1%	30,0%

	2020-04-09		t-9	
	Total Cases (C)	Total Death (D)	New C	New D
	65.872	7.993	4.398	882
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,2%	12,4%	10,0 days	5,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	99,2	12,0	0,1%	31,4%

	2020-04-08		t-10	
	Total Cases (C)	Total Death (D)	New C	New D
	61.474	7.111	5.525	940
	Growth C in %	Growth D %	Double C in days	Double D in days
	9,9%	15,2%	7,4 days	4,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	92,5	10,7	0,1%	31,7%

	2020-04-07		t-11	
	Total Cases (C)	Total Death (D)	New C	New D
	55.949	6.171	3.670	786
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,0%	14,6%	10,2 days	5,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	84,2	9,3	0,1%	31,2%

	2020-04-06		t-12	
	Total Cases (C)	Total Death (D)	New C	New D
	52.279	5.385	3.843	442
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,9%	8,9%	9,1 days	8,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	78,7	8,1	0,1%	31,1%

	2020-04-05		t-13	
	Total Cases (C)	Total Death (D)	New C	New D
	48.436	4.943	5.959	623
	Growth C in %	Growth D %	Double C in days	Double D in days
	14,0%	14,4%	5,3 days	5,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	72,9	7,4	0,1%	33,5%

	2020-04-04		t-14	
	Total Cases (C)	Total Death (D)	New C	New D
	42.477	4.320	3.788	709
	Growth C in %	Growth D %	Double C in days	Double D in days
	9,8%	19,6%	7,4 days	3,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	63,9	6,5	0,1%	36,6%

Two weeks ago	2020-04-03		t-15	
	Total Cases (C)	Total Death (D)	New C	New D
	38.689	3.611	4.516	685
	Growth C in %	Growth D %	Double C in days	Double D in days
	13,2%	23,4%	5,6 days	3,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	58,2	5,4	0,1%	37,5%

	2020-04-02		t-16	
	Total Cases (C)	Total Death (D)	New C	New D
	34.173	2.926	4.308	569
	Growth C in %	Growth D %	Double C in days	Double D in days
	14,4%	24,1%	5,1 days	3,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	51,4	4,4	0,1%	35,8%

	2020-04-01		t-17	
	Total Cases (C)	Total Death (D)	New C	New D
	29.865	2.357	4.384	564
	Growth C in %	Growth D %	Double C in days	Double D in days
	17,2%	31,5%	4,4 days	2,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	45,0	3,5	0,0%	35,0%

	2020-03-31		t-18	
	Total Cases (C)	Total Death (D)	New C	New D
	25.481	1.793	3.028	382
	Growth C in %	Growth D %	Double C in days	Double D in days
	13,5%	27,1%	5,5 days	2,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	38,4	2,7	0,0%	31,2%

	2020-03-30		t-19	
	Total Cases (C)	Total Death (D)	New C	New D
	22.453	1.411	2.673	180
	Growth C in %	Growth D %	Double C in days	Double D in days
	13,5%	14,6%	5,5 days	5,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	33,8	2,1	0,0%	27,8%

	2020-03-29		t-20	
	Total Cases (C)	Total Death (D)	New C	New D
	19.780	1.231	2.468	210
	Growth C in %	Growth D %	Double C in days	Double D in days
	14,3%	20,6%	5,2 days	3,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	29,8	1,9	0,0%	30,7%

	2020-03-28		t-21	
	Total Cases (C)	Total Death (D)	New C	New D
	17.312	1.021	2.567	260
	Growth C in %	Growth D %	Double C in days	Double D in days
	17,4%	34,2%	4,3 days	2,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	26,1	1,5	0,0%	37,6%

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

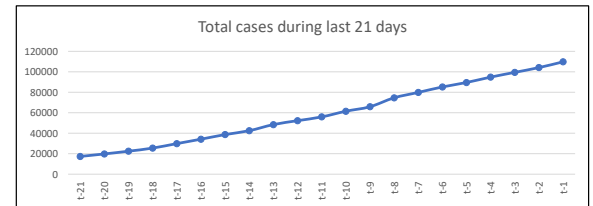
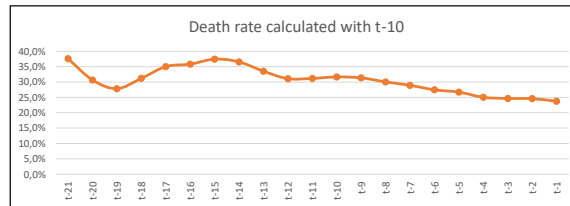
New Death: Compared to the day before

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.



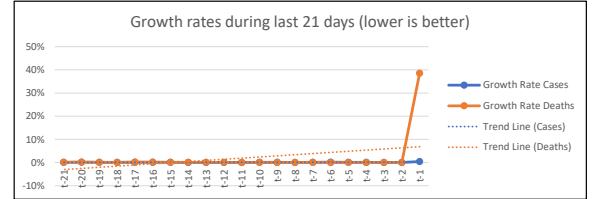
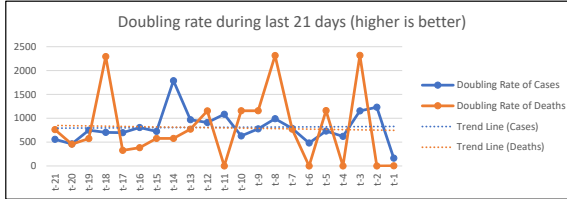
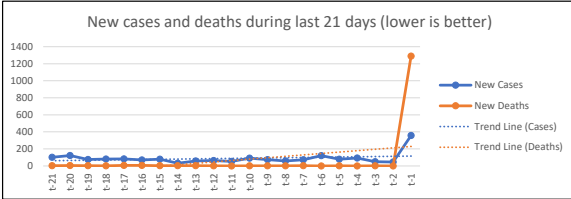
Footnotes:

¹ Population from Wikipedia [DE]

² 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):	
2020-03-28		2020-04-17	
Statistic created:		Author:	
2020-04-18		Tom Gries	
1st Case:	Days:	Population¹:	
December 2019	~ 109	1.400.050.000	
Sources of data²:		Template:	A-20-04-08
http://tomo.one/COVID-19-statistic			



Actual Week	2020-04-17		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	83.76	4.636	357	1.290
	Growth C in %	Growth D in %	Double C in days	Double D in days
	0,4%	38,6%	162,3 days	2,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t0)
	6,0	0,3	0,0%	5,6%

2020-04-16	t-2		
Total Cases (C)	Total Death (D)	New C	New D
83,403	3,346	47	0
Growth C in %	Growth D in %	Double C in days	Double D in days
0,1%	0,0%	1229,7 days	-----
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t0)
6,0	0,2	0,0%	4,0%

2020-04-15	t-3		
Total Cases (C)	Total Death (D)	New C	New D
83.356	3.346	50	1
Growth C in %	Growth D in %	Double C in days	Double D in days
0,1%	0,0%	1155,2 days	2318,9 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t0)
6,0	0,2	0,0%	4,0%

2020-04-14	t-4		
Total Cases (C)	Total Death (D)	New C	New D
83,306	3,345	93	0
Growth C in %	Growth D in %	Double C in days	Double D in days
0.1%	0.0%	620,5 days	-----
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
6,0	0,2	0,0%	4,0%

2020-04-13	t-5		
Total Cases (C)	Total Death (D)	New C	New D
83.213	3.345	79	2
Growth C in %	Growth D in %	Double C in days	Double D in days
0,1%	0,1%	729,8 days	1158,9 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t0)
5,9	0,2	0,0%	4,1%

2020-04-12	t-6		
Total Cases (C)	Total Death (D)	New C	New D
83.134	3.343	120	
Growth C in %	Growth D in %	Double C in days	Double D in days
0.1%	0.0%	479.9 days	-----
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t-6)
5.9	0.2	0.0%	4.1%

2020-04-11	t-7		
Total Cases (C)	Total Death (D)	New C	New D
83.014	3.343	73	3
Growth C in %	Growth D in %	Double C in days	Double D in days
0.1%	0.1%	787,9 days	772,1 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
5,9	0,2	0,0%	4,1%

One week ago	2020-04-10	t-8		
	Total Cases (C)	Total Death (D)	New C	New D
	82,941	3,340	58	1
	Growth C in %	Growth D in %	Double C in days	Double D in days
	0,1%	0,0%	990,9 days	2314,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t0)
	5,9	0,2	0,0%	4,1%

2020-04-09	t-9		
Total Cases (C)	Total Death (D)	New C	New D
82,883	3,339	74	2
Growth C in %	Growth D in %	Double C in days	Double D in days
0.1%	0.1%	776,0 days	1156,9 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
5,9	0,2	0,0%	4,1%

2020-04-08	t-10		
Total Cases (C)	Total Death (D)	New C	New D
82,809	3,337	91	2
Growth C in %	Growth D in %	Double C in days	Double D in days
0,1%	0,1%	630,4 days	1156,2 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t0)
5,9	0,2	0,0%	4,1%

2020-04-07	t-11		
Total Cases (C)	Total Death (D)	New C	New D
82.718	3.335	53	0
Growth C in %	Growth D %	Double C in days	Double D in days
0,1%	0,0%	1081,5 days	-----
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
5,9	0,2	0,0%	4,1%

2020-04-06	t-12		
Total Cases (C)	Total Death (D)	New C	New D
82.665	3.335	63	2
Growth C in %	Growth D in %	Double C in days	Double D in days
0,1%	0,1%	909,2 days	1155,5 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-12)
5,9	0,2	0,0%	4,1%

2020-04-05		t-13	
Total Cases (C)	Total Death (D)	New C	New D
82.602	3.333	59	
Growth C in %	Growth D in %	Double C in days	Double D in days
0,1%	0,1%	970,1 days	769,7 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t-1)
5,9	0,2	0,0%	4,1%

2020-04-04		t-14	
Total Cases (C)	Total Death (D)	New C	New D
82,543	3,330	32	4
Growth C in %	Growth D in %	Double C in days	Double D in days
0,0%	0,1%	1787,6 days	576,7 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
5,9	0,2	0,0%	4,1%

Two weeks ago	2020-04-03	t-15		
	Total Cases (C)	Total Death (D)	New C	New D
	82,511	3,326	79	4
	Growth C in %	Growth D in %	Double C in days	Double D in days
	0,1%	0,1%	723,6 days	576,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	5,9	0,2	0,0%	4,1%

2020-04-02	t-16		
Total Cases (C)	Total Death (D)	New C	New D
82,432	3,322	71	6
Growth C in %	Growth D in %	Double C in days	Double D in days
0.1%	0.2%	804,4 days	383,4 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
5,9	0,2	0,0%	4,1%

2020-04-01	t-17		
Total Cases (C)	Total Death (D)	New C	New D
82,361	3,316	82	7
Growth C in %	Growth D in %	Double C in days	Double D in days
0,1%	0,2%	695,9 days	328,0 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t0)
5,9	0,2	0,0%	4,1%

2020-03-31	t-18		
Total Cases (C)	Total Death (D)	New C	New D
82,279	3,309	81	1
Growth C in %	Growth D in %	Double C in days	Double D in days
0,1%	0,0%	703,7 days	2293,3 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-18)
5,9	0,2	0,0%	4,1%

2020-03-30	t-19		
Total Cases (C)	Total Death (D)	New C	New D
82.198	3.308	76	4
Growth C in %	Growth D in %	Double C in days	Double D in days
0,1%	0,1%	749,3 days	572,9 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
5,9	0,2	0,0%	4,1%

2020-03-29	t-20		
Total Cases (C)	Total Death (D)	New C	New D
82.122	3.304	123	
Growth C in %	Growth D in %	Double C in days	Double D in days
0,2%	0,2%	462,4 days	457,7 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-1)
5,9	0,2	0,0%	4,1%

2020-03-28	t-21		
Total Cases (C)	Total Death (D)	New C	New D
81.999	3.299	102	3
Growth C in %	Growth D in %	Double C in days	Double D in days
0,1%	0,1%	556,9 days	761,9 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
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

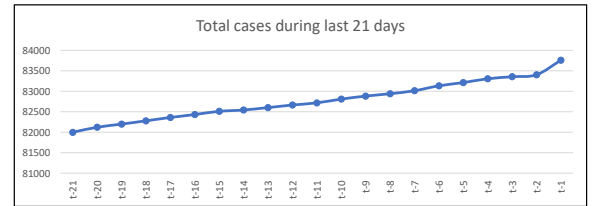
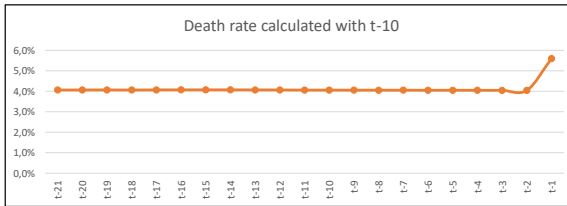
New Death: Compared to the day before

Growth Rate: 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.



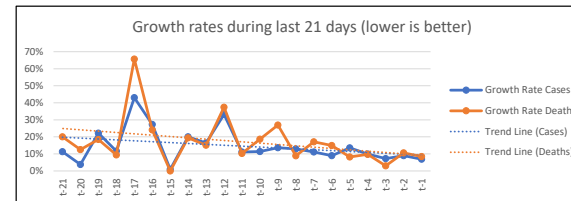
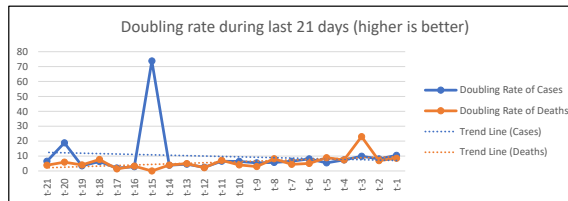
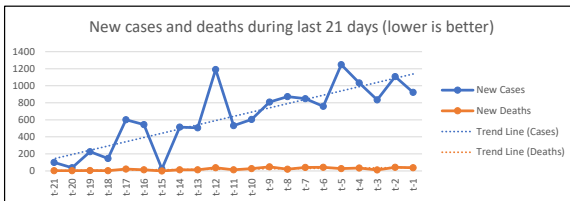
Footnotes:

¹ Population from Wikipedia (DE)

² 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):	
2020-03-28		2020-04-17	
Statistic created:		Author:	
2020-04-18		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-30	79	1.368.738.000	
Sources of data ² :		Template:	
http://tomo-one.com/COVID-19-statistic		A-20-04-08	



Actual Week	2020-04-17		t-1	
	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-2	
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-3	
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-4	
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-5	
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%

2020-04-12		t-6	
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-7	
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%

One week ago	2020-04-10		t-8	
	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-9	
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-10	
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-11	
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-12	
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%

2020-04-05		t-13	
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-14	
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%

Two weeks ago	2020-04-03		t-15	
	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-16	
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-10)
0,2	0,0	0,0%	13,4%

2020-04-01		t-17	
Total Cases (C)	Total Death (D)	New C	New D
1.998	58	601	23
Growth C in %	Growth D %	Double C in days	Double D in days
43,0%	65,7%	1,9 days	1,4 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
0,1	0,0	0,0%	11,6%

2020-03-31		t-18	
Total Cases (C)	Total Death (D)	New C	New D
1.397	35	146	3
Growth C in %	Growth D %	Double C in days	Double D in days
11,7%	9,4%	6,3 days	7,7 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
0,1	0,0	0,0%	8,8%

2020-03-30		t-19	
Total Cases (C)	Total Death (D)	New C	New D
1.251	32	227	5
Growth C in %	Growth D %	Double C in days	Double D in days
22,2%	18,5%	3,5 days	4,1 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
0,1	0,0	0,0%	9,7%

2020-03-29		t-20	
Total Cases (C)	Total Death (D)	New C	New D
1.024	27	37	3
Growth C in %	Growth D %	Double C in days	Double D in days
3,7%	12,5%	18,8 days	5,9 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
0,1	0,0	0,0%	11,1%

2020-03-28		t-21	
Total Cases (C)	Total Death (D)	New C	New D
987	24	100	4
Growth C in %	Growth D %	Double C in days	Double D in days
11,3%	20,0%	6,5 days	3,8 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
0,1	0,0	0,0%	12,4%

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

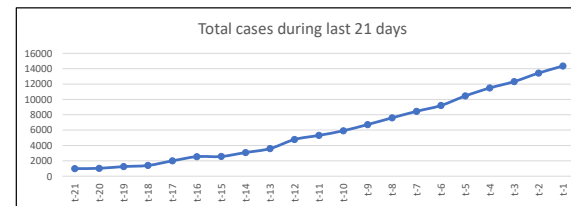
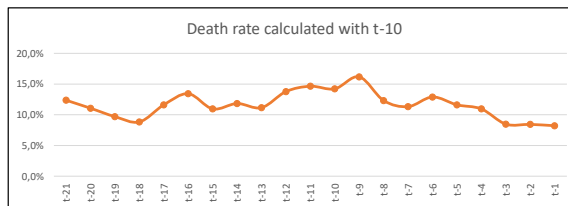
New Death: Compared to the day before

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.



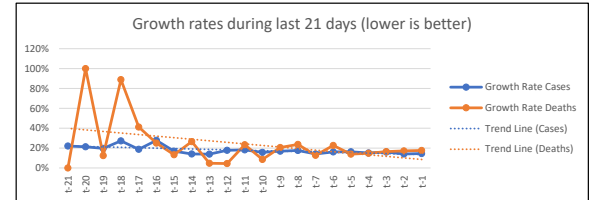
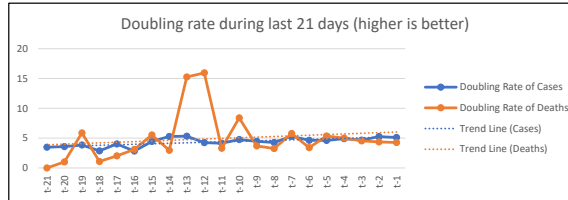
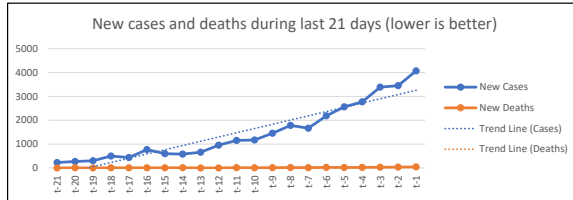
Footnotes:

¹ Population from Wikipedia [DE]

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

COVID-19 Statistics RU (Russia)

RU (Russia)			
Data from (t-21):		Data to (t-1):	
2020-03-28		2020-04-17	
Statistic created:		Author:	
2020-04-18		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-31	78	146.877.088	
Sources of data ² :		Template:	A-20-04-08
http://tomo-one.com/COVID-19-statistic			



Actual Week	2020-04-17		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	32.008	273	4.070	41
	Growth C in %	Growth D %	Double C in days	Double D in days
	14,6%	17,7%	5,1 days	4,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	21,8	0,2	0,0%	3,1%

2020-04-16		t-2	
Total Cases (C)	Total Death (D)	New C	New D
27.938	232	3.448	34
Growth C in %	Growth D %	Double C in days	Double D in days
14,1%	17,2%	5,3 days	4,4 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
19,0	0,2	0,0%	3,1%

2020-04-15		t-3	
Total Cases (C)	Total Death (D)	New C	New D
24.490	198	3.388	28
Growth C in %	Growth D %	Double C in days	Double D in days
16,1%	16,5%	4,7 days	4,5 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
16,7	0,1	0,0%	3,1%

2020-04-14		t-4	
Total Cases (C)	Total Death (D)	New C	New D
21.102	170	2.774	22
Growth C in %	Growth D %	Double C in days	Double D in days
15,1%	14,9%	4,9 days	5,0 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
14,4	0,1	0,0%	3,2%

2020-04-13		t-5	
Total Cases (C)	Total Death (D)	New C	New D
18.328	148	2.558	18
Growth C in %	Growth D %	Double C in days	Double D in days
16,2%	13,8%	4,6 days	5,3 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
12,5	0,1	0,0%	3,1%

2020-04-12		t-6	
Total Cases (C)	Total Death (D)	New C	New D
15.770	130	2.186	24
Growth C in %	Growth D %	Double C in days	Double D in days
16,1%	22,6%	4,6 days	3,4 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
10,7	0,1	0,0%	3,1%

2020-04-11		t-7	
Total Cases (C)	Total Death (D)	New C	New D
13.584	106	1.667	12
Growth C in %	Growth D %	Double C in days	Double D in days
14,0%	12,8%	5,3 days	5,8 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
9,2	0,1	0,0%	3,0%

One week ago	2020-04-10		t-8	
	Total Cases (C)	Total Death (D)	New C	New D
	11.917	94	1.786	18
	Growth C in %	Growth D %	Double C in days	Double D in days
	17,6%	23,7%	4,3 days	3,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	8,1	0,1	0,0%	3,4%

2020-04-09		t-9	
Total Cases (C)	Total Death (D)	New C	New D
10.131	76	1.459	13
Growth C in %	Growth D %	Double C in days	Double D in days
16,8%	20,6%	4,5 days	3,7 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
6,9	0,1	0,0%	3,3%

2020-04-08		t-10	
Total Cases (C)	Total Death (D)	New C	New D
8.672	63	1.175	5
Growth C in %	Growth D %	Double C in days	Double D in days
15,7%	8,6%	4,8 days	8,4 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
5,9	0,0	0,0%	3,4%

2020-04-07		t-11	
Total Cases (C)	Total Death (D)	New C	New D
7.497	58	1.154	11
Growth C in %	Growth D %	Double C in days	Double D in days
18,2%	23,4%	4,1 days	3,3 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
5,1	0,0	0,0%	3,8%

2020-04-06		t-12	
Total Cases (C)	Total Death (D)	New C	New D
6.343	47	954	2
Growth C in %	Growth D %	Double C in days	Double D in days
17,7%	4,4%	4,3 days	15,9 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
4,3	0,0	0,0%	3,7%

2020-04-05		t-13	
Total Cases (C)	Total Death (D)	New C	New D
5.389	45	658	2
Growth C in %	Growth D %	Double C in days	Double D in days
13,9%	4,7%	5,3 days	15,2 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
3,7	0,0	0,0%	4,3%

2020-04-04		t-14	
Total Cases (C)	Total Death (D)	New C	New D
4.731	43	582	9
Growth C in %	Growth D %	Double C in days	Double D in days
14,0%	26,5%	5,3 days	3,0 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
3,2	0,0	0,0%	5,1%

Two weeks ago	2020-04-03		t-15	
	Total Cases (C)	Total Death (D)	New C	New D
	4.149	34	601	4
	Growth C in %	Growth D %	Double C in days	Double D in days
	16,9%	13,3%	4,4 days	5,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	2,8	0,0	0,0%	5,2%

2020-04-02		t-16	
Total Cases (C)	Total Death (D)	New C	New D
3.548	30	771	6
Growth C in %	Growth D %	Double C in days	Double D in days
27,8%	25,0%	2,8 days	3,1 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
2,4	0,0	0,0%	6,1%

2020-04-01		t-17	
Total Cases (C)	Total Death (D)	New C	New D
2.777	24	440	7
Growth C in %	Growth D %	Double C in days	Double D in days
18,8%	41,2%	4,0 days	2,0 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
1,9	0,0	0,0%	5,5%

2020-03-31		t-18	
Total Cases (C)	Total Death (D)	New C	New D
2.337	17	501	8
Growth C in %	Growth D %	Double C in days	Double D in days
27,3%	88,9%	2,9 days	1,1 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
1,6	0,0	0,0%	4,6%

2020-03-30		t-19	
Total Cases (C)	Total Death (D)	New C	New D
1.836	9	302	1
Growth C in %	Growth D %	Double C in days	Double D in days
19,7%	12,5%	3,9 days	5,9 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
1,3	0,0	0,0%	2,9%

2020-03-29		t-20	
Total Cases (C)	Total Death (D)	New C	New D
1.534	8	270	4
Growth C in %	Growth D %	Double C in days	Double D in days
21,4%	100,0%	3,6 days	1,0 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
1,0	0,0	0,0%	3,2%

2020-03-28		t-21	
Total Cases (C)	Total Death (D)	New C	New D
1.264	4	228	0
Growth C in %	Growth D %	Double C in days	Double D in days
22,0%	0,0%	3,5 days	-----
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
0,9	0,0	0,0%	2,0%

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

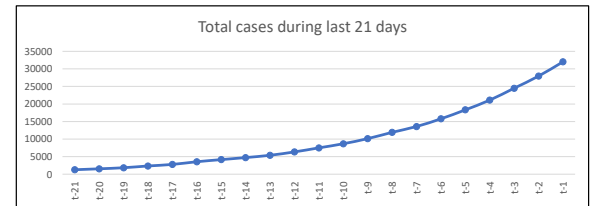
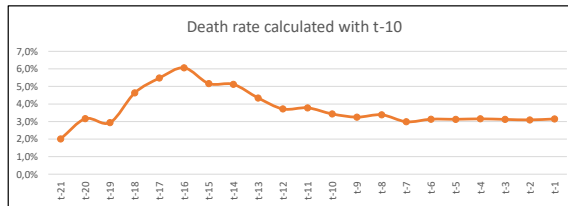
New Death: Compared to the day before

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

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