

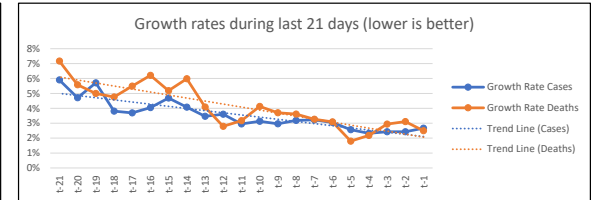
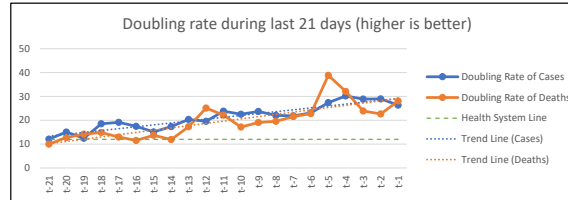
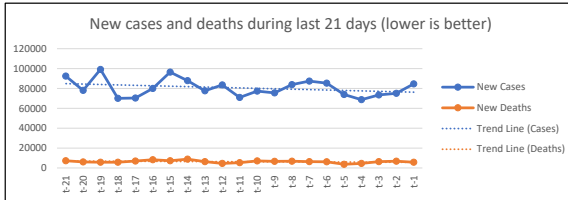
# COVID-19 Statistics - Summary

Country / Region	1st Case	Days	Population
WORLD	December 2019	~ 122	7.750.000.000
United States	2020-01-22	100	327.167.434
Germany	2020-01-27	95	83.019.213
Italy	2020-01-31	91	60.262.701
Spain	2020-02-01	90	46.722.980
France	2020-01-24	98	66.993.000
United Kingdom	2020-01-31	91	66.435.550
China	December 2019	~ 122	1.400.050.000
India	2020-01-30	92	1.368.738.000
Russia	2020-01-31	91	146.877.088

Day	Total Cases (C)	Total Death (D)	Cases of Population	New Cases	New Deaths	Cases per 100K	Deaths per 100K	Growth Cases in %	Growth Deaths %	Double Cases	Double Deaths
Live Data: 2020-05-01	3.370.276	237.974	0,04%	66.355	4.150						
2020-04-30	3.256.853	233.388	0,04%	84.566	5.692	42,02	3,01	2,67%	2,50%	26,3 days	28,1 days
Live Data: 2020-05-01	1.112.771	64.931	0,34%	17.748	1.075						
2020-04-30	1.069.424	62.996	0,33%	29.515	2.029	326,87	19,25	2,84%	3,33%	24,8 days	21,2 days
Live Data: 2020-05-01	167.346	24.594	0,20%	168	218						
2020-04-30	163.009	6.623	0,20%	1.470	156	196,35	7,98	0,91%	2,41%	76,5 days	29,1 days
Live Data: 2020-05-01	207.428	28.236	0,34%	1.965	269						
2020-04-30	205.463	27.967	0,34%	1.872	285	340,95	46,41	0,92%	1,03%	75,7 days	67,7 days
Live Data: 2020-05-01	242.988	24.824	0,52%	3.648	281						
2020-04-30	213.435	24.543	0,46%	518	268	456,81	52,53	0,24%	1,10%	285,3 days	63,1 days
Live Data: 2020-05-01	177.454	27.510	0,26%	12	0						
2020-04-30	165.764	24.376	0,25%	671	289	247,43	36,39	0,41%	1,20%	170,9 days	58,1 days
Live Data: 2020-05-01	114.431	1.169	0,17%	0	0						
2020-04-30	172.481	26.842	0,26%	6.040	676	259,62	40,40	3,63%	2,58%	19,4 days	27,2 days
Live Data: 2020-05-01	163.542	6.640	0,01%	0	0						
2020-04-30	83.956	4.637	0,01%	12	0	6,00	0,33	0,01%	0,00%	4849,1 days	-----
Live Data: 2020-05-01	35.043	1.154	0,00%	0	0						
2020-04-30	34.863	1.154	0,00%	1.801	75	2,55	0,08	5,45%	6,95%	13,1 days	10,3 days
Live Data: 2020-05-01	82.874	4.633	0,06%	0	0						
2020-04-30	106.498	1.073	0,07%	7.099	101	72,51	0,73	7,14%	10,39%	10,0 days	7,0 days

# COVID-19 Statistics WORLD

WORLD			
Data from (t-21):		Data to (t-1):	
2020-04-10		2020-04-30	
Statistic created:		Author:	
2020-05-01		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
December 2019	~ 122	7.750.000.000	
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	2020-04-30	t-1		
	Total Cases (C)	Total Death (D)	New C	New D
	3.256.853	233.388	84.566	5.692
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,7%	2,5%	26,3 days	28,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	42,0	3,0	0,0%	9,2%

	2020-04-29	t-2		
	Total Cases (C)	Total Death (D)	New C	New D
	3.172.287	227.696	75.097	6.866
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,4%	3,1%	28,9 days	22,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	40,9	2,9	0,0%	9,2%

	2020-04-28	t-3		
	Total Cases (C)	Total Death (D)	New C	New D
	3.097.190	220.830	73.468	6.315
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,4%	2,9%	28,9 days	23,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	40,0	2,8	0,0%	9,2%

	2020-04-27	t-4		
	Total Cases (C)	Total Death (D)	New C	New D
	3.023.722	214.515	68.689	4.584
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,3%	2,2%	30,2 days	32,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	39,0	2,8	0,0%	9,3%

	2020-04-26	t-5		
	Total Cases (C)	Total Death (D)	New C	New D
	2.955.033	209.931	73.893	3.713
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,6%	1,8%	27,4 days	38,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	38,1	2,7	0,0%	9,4%

	2020-04-25	t-6		
	Total Cases (C)	Total Death (D)	New C	New D
	2.881.140	206.218	85.265	6.188
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,0%	3,1%	23,1 days	22,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	37,2	2,7	0,0%	9,6%

	2020-04-24	t-7		
	Total Cases (C)	Total Death (D)	New C	New D
	2.795.875	200.030	87.328	6.332
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,2%	3,3%	21,8 days	21,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	36,1	2,6	0,0%	9,7%

One week ago	2020-04-23	t-8		
	Total Cases (C)	Total Death (D)	New C	New D
	2.708.547	193.698	83.806	6.753
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,2%	3,6%	22,1 days	19,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	34,9	2,5	0,0%	9,8%

	2020-04-22	t-9		
	Total Cases (C)	Total Death (D)	New C	New D
	2.624.741	186.945	75.566	6.677
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,0%	3,7%	23,7 days	19,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	33,9	2,4	0,0%	9,8%

	2020-04-21	t-10		
	Total Cases (C)	Total Death (D)	New C	New D
	2.549.175	180.268	77.328	7.145
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,1%	4,1%	22,5 days	17,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	32,9	2,3	0,0%	9,8%

	2020-04-20	t-11		
	Total Cases (C)	Total Death (D)	New C	New D
	2.471.847	173.123	70.953	5.326
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,0%	3,2%	23,8 days	22,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	31,9	2,2	0,0%	10,0%

	2020-04-19	t-12		
	Total Cases (C)	Total Death (D)	New C	New D
	2.400.894	167.797	83.555	4.563
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,6%	2,8%	19,6 days	25,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	31,0	2,2	0,0%	10,1%

	2020-04-18	t-13		
	Total Cases (C)	Total Death (D)	New C	New D
	2.317.339	163.234	77.616	6.410
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,5%	4,1%	20,3 days	17,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	29,9	2,1	0,0%	10,4%

	2020-04-17	t-14		
	Total Cases (C)	Total Death (D)	New C	New D
	2.239.723	156.824	87.851	8.859
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,1%	6,0%	17,3 days	11,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	28,9	2,0	0,0%	10,6%

Two weeks ago	2020-04-16	t-15		
	Total Cases (C)	Total Death (D)	New C	New D
	2.151.872	147.965	96.366	7.288
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,7%	5,2%	15,1 days	13,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	27,8	1,9	0,0%	10,6%

	2020-04-15	t-16		
	Total Cases (C)	Total Death (D)	New C	New D
	2.055.506	140.677	79.925	8.221
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,0%	6,2%	17,5 days	11,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	26,5	1,8	0,0%	10,6%

	2020-04-14	t-17		
	Total Cases (C)	Total Death (D)	New C	New D
	1.975.581	132.456	70.389	6.895
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,7%	5,5%	19,1 days	13,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	25,5	1,7	0,0%	10,6%

	2020-04-13	t-18		
	Total Cases (C)	Total Death (D)	New C	New D
	1.905.192	125.561	70.028	5.708
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,8%	4,8%	18,5 days	14,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	24,6	1,6	0,0%	10,7%

	2020-04-12	t-19		
	Total Cases (C)	Total Death (D)	New C	New D
	1.835.164	119.853	99.139	5.707
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,7%	5,0%	12,5 days	14,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	23,7	1,5	0,0%	10,9%

	2020-04-11	t-20		
	Total Cases (C)	Total Death (D)	New C	New D
	1.736.025	114.146	78.096	6.033
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,7%	5,6%	15,1 days	12,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	22,4	1,5	0,0%	11,3%

	2020-04-10	t-21		
	Total Cases (C)	Total Death (D)	New C	New D
	1.657.929	108.113	92.391	7.231
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,9%	7,2%	12,1 days	10,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	21,4	1,4	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/deaths are doubled in days

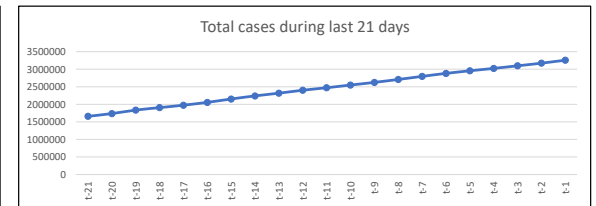
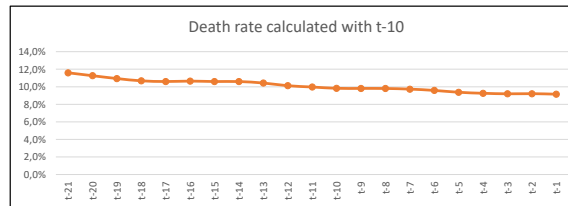
Recovered: Not used because this is not an official and countable number

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

## Footnotes:

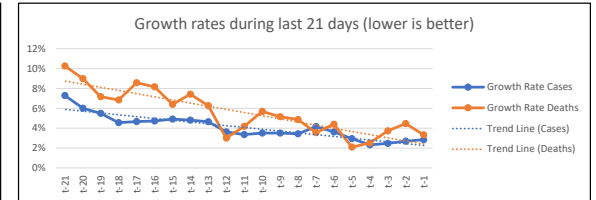
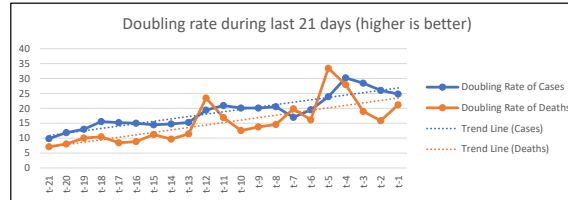
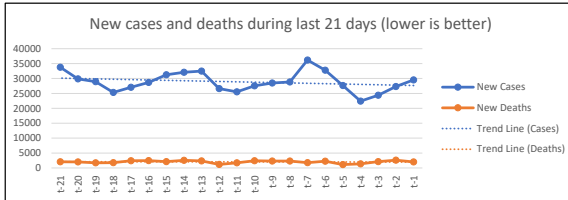
<sup>1</sup> Population from Wikipedia (DE)

<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 US (United States)

US (United States)			
Data from (t-21):		Data to (t-1):	
2020-04-10		2020-04-30	
Statistic created:		Author:	
2020-05-01		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
2020-01-22	100	327.167.434	
Sources of data <sup>2</sup> :		Template:	A-20-04-08
<a href="http://tomp.one/COVID-19-statistic">http://tomp.one/COVID-19-statistic</a>			



Actual Week	2020-04-30		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	1.069.424	62.996	29.515	2.029
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,8%	3,3%	24,8 days	21,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	326,9	19,3	0,3%	7,8%

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

	2020-04-28		t-3	
	Total Cases (C)	Total Death (D)	New C	New D
	1.012.582	58.355	24.385	2.096
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,5%	3,7%	28,4 days	18,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	309,5	17,8	0,3%	7,7%

	2020-04-27		t-4	
	Total Cases (C)	Total Death (D)	New C	New D
	988.197	56.259	22.412	1.378
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,3%	2,5%	30,2 days	28,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	302,0	17,2	0,3%	7,7%

	2020-04-26		t-5	
	Total Cases (C)	Total Death (D)	New C	New D
	965.785	54.881	27.631	1.126
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,9%	2,1%	23,9 days	33,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	295,2	16,8	0,3%	7,8%

	2020-04-25		t-6	
	Total Cases (C)	Total Death (D)	New C	New D
	938.154	53.755	32.796	2.262
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,6%	4,4%	19,5 days	16,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	286,8	16,4	0,3%	8,1%

	2020-04-24		t-7	
	Total Cases (C)	Total Death (D)	New C	New D
	905.358	51.493	36.188	1.769
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,2%	3,6%	17,0 days	19,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	276,7	15,7	0,3%	8,1%

One week ago	2020-04-23		t-8	
	Total Cases (C)	Total Death (D)	New C	New D
	869.170	49.724	28.819	2.312
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,4%	4,9%	20,6 days	14,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	265,7	15,2	0,3%	8,2%

	2020-04-22		t-9	
	Total Cases (C)	Total Death (D)	New C	New D
	840.351	47.412	28.486	2.326
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,5%	5,2%	20,1 days	13,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	256,9	14,5	0,3%	8,2%

	2020-04-21		t-10	
	Total Cases (C)	Total Death (D)	New C	New D
	811.865	45.086	27.539	2.427
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,5%	5,7%	20,1 days	12,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	248,1	13,8	0,2%	8,1%

	2020-04-20		t-11	
	Total Cases (C)	Total Death (D)	New C	New D
	784.326	42.659	25.517	1.714
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,4%	4,2%	21,0 days	16,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	239,7	13,0	0,2%	8,1%

	2020-04-19		t-12	
	Total Cases (C)	Total Death (D)	New C	New D
	758.809	40.945	26.612	1.192
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,6%	3,0%	19,4 days	23,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	231,9	12,5	0,2%	8,2%

	2020-04-18		t-13	
	Total Cases (C)	Total Death (D)	New C	New D
	732.197	39.753	32.491	2.342
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,6%	6,3%	15,3 days	11,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	223,8	12,2	0,2%	8,6%

	2020-04-17		t-14	
	Total Cases (C)	Total Death (D)	New C	New D
	699.706	37.411	32.114	2.584
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,8%	7,4%	14,8 days	9,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	213,9	11,4	0,2%	8,7%

Two weeks ago	2020-04-16		t-15	
	Total Cases (C)	Total Death (D)	New C	New D
	667.592	34.827	31.242	2.093
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,9%	6,4%	14,5 days	11,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	204,1	10,6	0,2%	8,8%

	2020-04-15		t-16	
	Total Cases (C)	Total Death (D)	New C	New D
	636.350	32.734	28.680	2.472
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,7%	8,2%	15,0 days	8,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	194,5	10,0	0,2%	8,9%

	2020-04-14		t-17	
	Total Cases (C)	Total Death (D)	New C	New D
	607.670	30.262	27.051	2.392
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,7%	8,6%	15,2 days	8,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	185,7	9,2	0,2%	9,0%

	2020-04-13		t-18	
	Total Cases (C)	Total Death (D)	New C	New D
	580.619	27.870	25.306	1.784
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,6%	6,8%	15,6 days	10,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	177,5	8,5	0,2%	9,0%

	2020-04-12		t-19	
	Total Cases (C)	Total Death (D)	New C	New D
	555.313	26.086	28.917	1.744
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,5%	7,2%	13,0 days	10,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	169,7	8,0	0,2%	9,5%

	2020-04-11		t-20	
	Total Cases (C)	Total Death (D)	New C	New D
	526.396	24.342	29.861	2.009
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,0%	9,0%	11,9 days	8,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	160,9	7,4	0,2%	10,0%

	2020-04-10		t-21	
	Total Cases (C)	Total Death (D)	New C	New D
	496.535	22.333	33.755	2.078
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,3%	10,3%	9,8 days	7,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	151,8	6,8	0,2%	10,5%

## Explanations:

Cases = C

Death(s) = D

t-1: Most recent day in report

t-21: Last day in report

New Cases: Compared to the day before

New Death: Compared to the day before

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

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

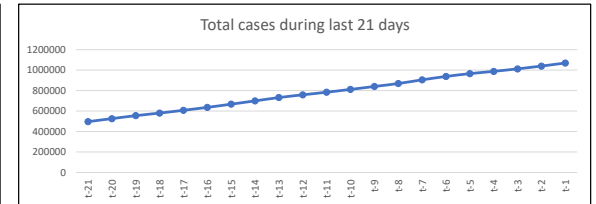
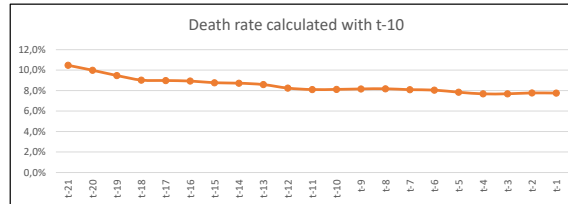
Recovered: Not used because this is not an official and countable number

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

## Footnotes:

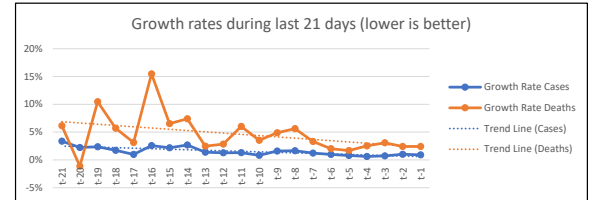
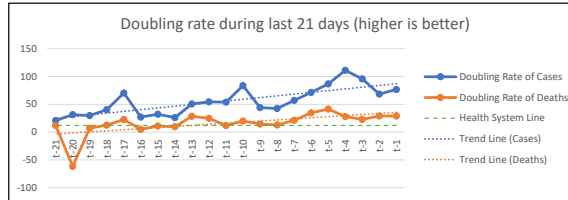
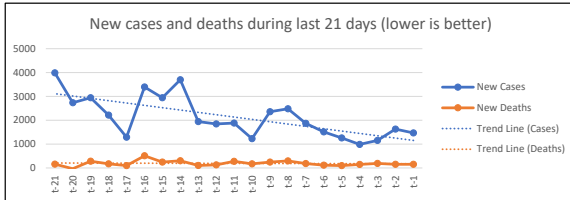
<sup>1</sup> Population from Wikipedia (DE)

<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 DE (Germany)

DE (Germany)			
Data from (t-21):		Data to (t-1):	
2020-04-10		2020-04-30	
Statistic created:		Author:	
2020-05-01		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
2020-01-27	95	83.019.213	
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	2020-04-30		t-1		New C		New D	
	Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
	163.009	6.623	1.470	156				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,9%	2,4%	76,5 days	29,1 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	196,4	8,0	0,2%	4,5%				

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

2020-04-28		t-3		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
159.912	6.314	1.154	188				
Growth C in %	Growth D %	Double C in days	Double D in days				
0,7%	3,1%	95,7 days	22,9 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
192,6	7,6	0,2%	4,3%				

2020-04-27		t-4		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
158.758	6.126	988	150				
Growth C in %	Growth D %	Double C in days	Double D in days				
0,6%	2,5%	111,0 days	28,0 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
191,2	7,4	0,2%	4,3%				

2020-04-26		t-5		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
157.770	5.976	1.257	99				
Growth C in %	Growth D %	Double C in days	Double D in days				
0,8%	1,7%	86,7 days	41,5 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
190,0	7,2	0,2%	4,2%				

2020-04-25		t-6		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
156.513	5.877	1.514	117				
Growth C in %	Growth D %	Double C in days	Double D in days				
1,0%	2,0%	71,3 days	34,5 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
188,5	7,1	0,2%	4,3%				

2020-04-24		t-7		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
154.999	5.760	1.870	185				
Growth C in %	Growth D %	Double C in days	Double D in days				
1,2%	3,3%	57,1 days	21,2 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
186,7	6,9	0,2%	4,3%				

One week ago	2020-04-23		t-8		New C		New D	
	Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
	153.129	5.575	2.481	296				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	1,6%	5,6%	42,4 days	12,7 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	184,5	6,7	0,2%	4,2%				

2020-04-22		t-9		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
150.648	5.279	2.357	246				
Growth C in %	Growth D %	Double C in days	Double D in days				
1,6%	4,9%	44,0 days	14,5 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
181,5	6,4	0,2%	4,1%				

2020-04-21		t-10		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
148.291	5.033	1.226	171				
Growth C in %	Growth D %	Double C in days	Double D in days				
0,8%	3,5%	83,5 days	20,1 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
178,6	6,1	0,2%	3,9%				

2020-04-20		t-11		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
147.065	4.862	1.881	276				
Growth C in %	Growth D %	Double C in days	Double D in days				
1,3%	6,0%	53,8 days	11,9 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
177,1	5,9	0,2%	3,9%				

2020-04-19		t-12		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
145.184	4.586	1.842	127				
Growth C in %	Growth D %	Double C in days	Double D in days				
1,3%	2,8%	54,3 days	24,7 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
174,9	5,5	0,2%	3,8%				

2020-04-18		t-13		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
143.342	4.459	1.945	107				
Growth C in %	Growth D %	Double C in days	Double D in days				
1,4%	2,5%	50,7 days	28,5 days				
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
172,7	5,4	0,2%	3,8%				

2020-04-17		t-14		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New 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%				

Two weeks ago	2020-04-16		t-15		New C		New D	
	Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New 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-16		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New 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-17		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New 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-18		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New 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-19		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New 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	7,0 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-20		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New 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%				

2020-04-10		t-21		New C		New D	
Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New 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%				

## 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

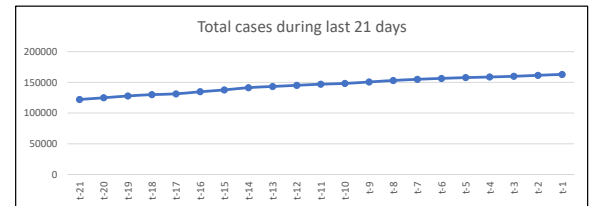
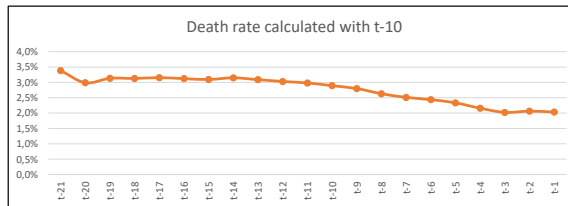
New Death: Compared to the day before

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.

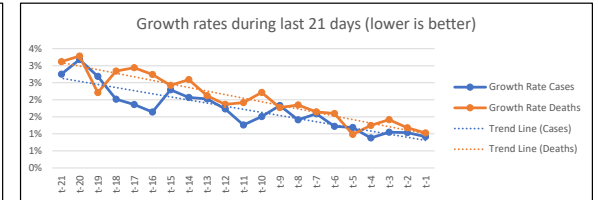
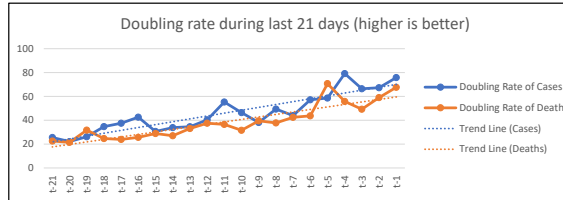
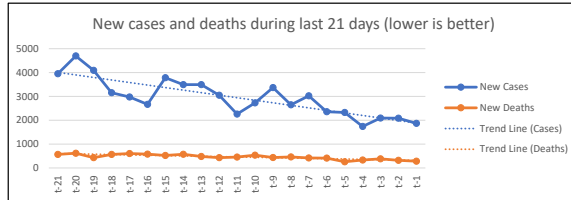


## Footnotes:

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

# COVID-19 Statistics IT (Italy)

IT (Italy)			
Data from (t-21):		Data to (t-1):	
2020-04-10		2020-04-30	
Statistic created:		Author:	
2020-05-01		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
2020-01-31	91	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	2020-04-30		t-1			
	Total Cases (C)	Total Death (D)	New C	New D		
	205.463	27.967	1.872	285		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	0,9%	1,0%	75,7 days	67,7 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	340,9	46,4	0,3%	15,2%		

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

2020-04-28		t-3			
Total Cases (C)	Total Death (D)	New C	New D		
201.505	27.359	2.091	382		
Growth C in %	Growth D %	Double C in days	Double D in days		
1,0%	1,4%	66,4 days	49,3 days		
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
334,4	45,4	0,3%	15,3%		

2020-04-27		t-4			
Total Cases (C)	Total Death (D)	New C	New D		
199.414	26.977	1.739	333		
Growth C in %	Growth D %	Double C in days	Double D in days		
0,9%	1,2%	79,1 days	55,8 days		
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
330,9	44,8	0,3%	15,3%		

2020-04-26		t-5			
Total Cases (C)	Total Death (D)	New C	New D		
197.675	26.644	2.324	260		
Growth C in %	Growth D %	Double C in days	Double D in days		
1,2%	1,0%	58,6 days	70,7 days		
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
328,0	44,2	0,3%	15,5%		

2020-04-25		t-6			
Total Cases (C)	Total Death (D)	New C	New D		
195.351	26.384	2.357	415		
Growth C in %	Growth D %	Double C in days	Double D in days		
1,2%	1,6%	57,1 days	43,7 days		
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
324,2	43,8	0,3%	15,6%		

2020-04-24		t-7			
Total Cases (C)	Total Death (D)	New C	New D		
192.994	25.969	3.021	420		
Growth C in %	Growth D %	Double C in days	Double D in days		
1,6%	1,6%	43,9 days	42,5 days		
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
320,3	43,1	0,3%	15,7%		

One week ago	2020-04-23		t-8			
	Total Cases (C)	Total Death (D)	New C	New D		
	189.973	25.549	2.646	464		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	1,4%	1,8%	49,4 days	37,8 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	315,2	42,4	0,3%	15,7%		

2020-04-22		t-9			
Total Cases (C)	Total Death (D)	New C	New D		
187.327	25.085	3.370	437		
Growth C in %	Growth D %	Double C in days	Double D in days		
1,8%	1,8%	38,2 days	39,4 days		
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
310,9	41,6	0,3%	15,7%		

2020-04-21		t-10			
Total Cases (C)	Total Death (D)	New C	New D		
183.957	24.648	2.729	534		
Growth C in %	Growth D %	Double C in days	Double D in days		
1,5%	2,2%	46,4 days	31,6 days		
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
305,3	40,9	0,3%	15,8%		

2020-04-20		t-11			
Total Cases (C)	Total Death (D)	New C	New D		
181.228	24.114	2.256	454		
Growth C in %	Growth D %	Double C in days	Double D in days		
1,3%	1,9%	55,3 days	36,5 days		
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
300,7	40,0	0,3%	15,8%		

2020-04-19		t-12			
Total Cases (C)	Total Death (D)	New C	New D		
178.972	23.660	3.047	433		
Growth C in %	Growth D %	Double C in days	Double D in days		
1,7%	1,9%	40,4 days	37,5 days		
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
297,0	39,3	0,3%	16,0%		

2020-04-18		t-13			
Total Cases (C)	Total Death (D)	New C	New D		
175.925	23.227	3.491	482		
Growth C in %	Growth D %	Double C in days	Double D in days		
2,0%	2,1%	34,6 days	33,1 days		
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
291,9	38,5	0,3%	16,2%		

2020-04-17		t-14			
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%		

Two weeks ago	2020-04-16		t-15			
	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-16			
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-17			
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-18			
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-19			
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-20			
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%		

2020-04-10		t-21			
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%		

## Explanations:

Cases = C

Death(s) = D

t-1:

Most recent day in report

t-21:

Last day in report

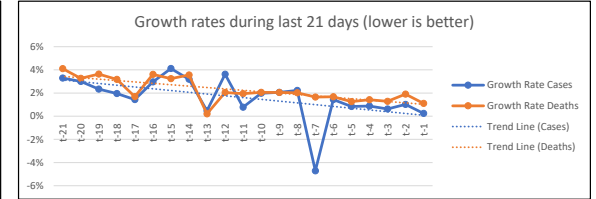
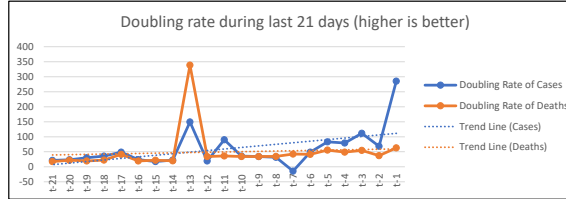
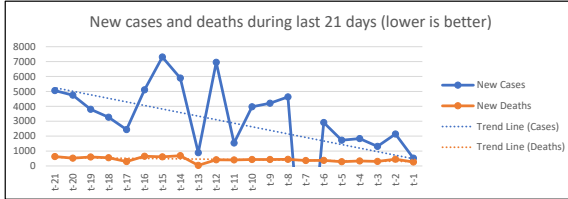
New Cases:

Compared to the day before

New Death:

# COVID-19 Statistics ES (Spain)

ES (Spain)			
Data from (t-21):		Data to (t-1):	
2020-04-10		2020-04-30	
Statistic created:		Author:	
2020-05-01		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
2020-02-01	90	46.722.980	
Sources of data <sup>2</sup> :		Template:	A:20-04-08
<a href="http://toms-one/COVID-19-statistic">http://toms-one/COVID-19-statistic</a>			



Actual Week	2020-04-30		t-1			
	Total Cases (C)	Total Death (D)	New C	New D		
	213.435	24.543	518	268		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	0,2%	1,1%	285,3 days	63,1 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	456,8	52,5	0,5%	12,0%		

	2020-04-29		t-2			
	Total Cases (C)	Total Death (D)	New C	New D		
	212.917	24.275	2.144	453		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	1,0%	1,9%	68,5 days	36,8 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	455,7	52,0	0,5%	12,1%		

	2020-04-28		t-3			
	Total Cases (C)	Total Death (D)	New C	New D		
	210.773	23.822	1.308	301		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	0,6%	1,3%	111,3 days	54,5 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	451,1	51,0	0,5%	12,0%		

	2020-04-27		t-4			
	Total Cases (C)	Total Death (D)	New C	New D		
	209.465	23.521	1.831	331		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	0,9%	1,4%	78,9 days	48,9 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	448,3	50,3	0,4%	12,3%		

	2020-04-26		t-5			
	Total Cases (C)	Total Death (D)	New C	New D		
	207.634	23.190	1.729	288		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	0,8%	1,3%	82,9 days	55,5 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	444,4	49,6	0,4%	12,2%		

	2020-04-25		t-6			
	Total Cases (C)	Total Death (D)	New C	New D		
	205.905	22.902	2.915	378		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	1,4%	1,7%	48,6 days	41,6 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	440,7	49,0	0,4%	12,4%		

	2020-04-24		t-7			
	Total Cases (C)	Total Death (D)	New C	New D		
	202.990	22.524	-10.034	367		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	-4,7%	1,7%	-14,4 days	42,2 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	434,5	48,2	0,4%	12,7%		

One week ago	2020-04-23		t-8			
	Total Cases (C)	Total Death (D)	New C	New D		
	213.024	22.157	4.635	440		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	2,2%	2,0%	31,5 days	34,6 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	455,9	47,4	0,5%	12,8%		

	2020-04-22		t-9			
	Total Cases (C)	Total Death (D)	New C	New D		
	208.389	21.717	4.211	435		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	2,1%	2,0%	34,0 days	34,3 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	446,0	46,5	0,4%	12,8%		

	2020-04-21		t-10			
	Total Cases (C)	Total Death (D)	New C	New D		
	204.178	21.282	3.968	430		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	2,0%	2,1%	35,3 days	34,0 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	437,0	45,5	0,4%	12,8%		

	2020-04-20		t-11			
	Total Cases (C)	Total Death (D)	New C	New D		
	200.210	20.852	1.536	399		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	0,8%	2,0%	90,0 days	35,9 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	428,5	44,6	0,4%	12,8%		

	2020-04-19		t-12			
	Total Cases (C)	Total Death (D)	New C	New D		
	198.674	20.453	6.948	410		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	3,6%	2,0%	19,5 days	34,2 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	425,2	43,8	0,4%	12,9%		

	2020-04-18		t-13			
	Total Cases (C)	Total Death (D)	New C	New D		
	191.726	20.043	887	41		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	0,5%	0,2%	149,5 days	338,5 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	410,3	42,9	0,4%	13,1%		

	2020-04-17		t-14			
	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%		

Two weeks ago	2020-04-16		t-15			
	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-16			
	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-17			
	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%		

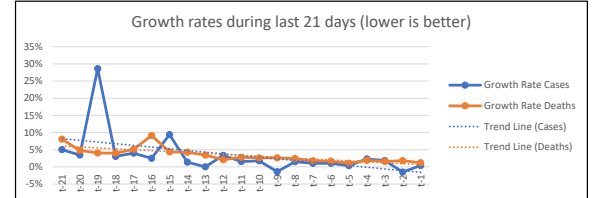
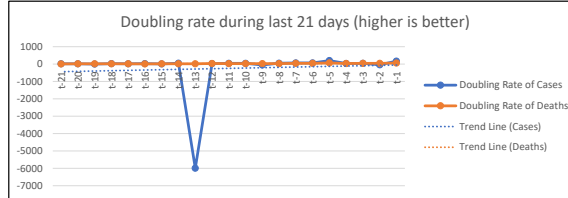
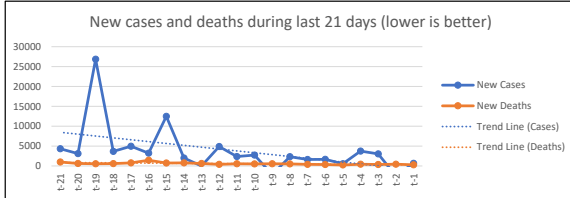
	2020-04-13		t-18			
	Total Cases (C)	Total Death (D)	New C	New D		
	170.099	17.756	3.268	547		
	Growth C in %	Growth D %	Double C in days	Double D in days		
	2,0%	3,2%	35,7 days	22,2 days		
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
	364,1	38,0	0,4%	14,1%		

	2020-04-12		t-19			
	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-20	
Total Cases (C)	Total Death (D)	New C	New D
163.027	16.606	4.754	52
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%

# COVID-19 Statistics FR (France)

FR (France)			
Data from (t-21):		Data to (t-1):	
2020-04-10		2020-04-30	
Statistic created:		Author:	
2020-05-01		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
2020-01-24	98	66.993.000	
Sources of data <sup>2</sup> :		Template:	A-20-04-08
<a href="http://tome.one/COVID-19-statistic">http://tome.one/COVID-19-statistic</a>			



Actual Week	2020-04-30		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	165.764	24.376	671	289
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,4%	1,2%	170,9 days	58,1 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
247,4		36,4	0,2%	15,5%

	2020-04-29		t-2	
	Total Cases (C)	Total Death (D)	New C	New D
	165.093	24.087	-2.512	427
	Growth C in %	Growth D %	Double C in days	Double D in days
	-1,5%	1,8%	-45,9 days	38,8 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
246,4		36,0	0,2%	15,6%

	2020-04-28		t-3	
	Total Cases (C)	Total Death (D)	New C	New D
	167.605	23.660	3.016	367
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,8%	1,6%	38,2 days	44,3 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
250,2		35,3	0,3%	15,6%

	2020-04-27		t-4	
	Total Cases (C)	Total Death (D)	New C	New D
	164.589	23.293	3.742	437
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,3%	1,9%	30,1 days	36,6 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
245,7		34,8	0,2%	15,9%

	2020-04-26		t-5	
	Total Cases (C)	Total Death (D)	New C	New D
	160.847	22.856	555	242
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,3%	1,1%	200,5 days	65,1 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
240,1		34,1	0,2%	15,6%

	2020-04-25		t-6	
	Total Cases (C)	Total Death (D)	New C	New D
	160.292	22.614	1.656	369
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,0%	1,7%	66,7 days	42,1 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
239,3		33,8	0,2%	15,6%

	2020-04-24		t-7	
	Total Cases (C)	Total Death (D)	New C	New D
	158.636	22.245	1.610	389
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,0%	1,8%	67,9 days	39,3 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
236,8		33,2	0,2%	16,8%

One week ago	2020-04-23		t-8	
	Total Cases (C)	Total Death (D)	New C	New D
	157.026	21.856	2.311	516
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,5%	2,4%	46,7 days	29,0 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
234,4		32,6	0,2%	16,9%

	2020-04-22		t-9	
	Total Cases (C)	Total Death (D)	New C	New D
	154.715	21.340	-2.206	544
	Growth C in %	Growth D %	Double C in days	Double D in days
	-1,4%	2,6%	-49,0 days	26,8 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
230,9		31,9	0,2%	17,2%

	2020-04-21		t-10	
	Total Cases (C)	Total Death (D)	New C	New D
	156.921	20.796	2.733	531
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,8%	2,6%	39,5 days	26,8 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
234,2		31,0	0,2%	17,2%

	2020-04-20		t-11	
	Total Cases (C)	Total Death (D)	New C	New D
	154.188	20.265	2.380	547
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,6%	2,8%	44,6 days	25,3 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
230,2		30,2	0,2%	21,6%

	2020-04-19		t-12	
	Total Cases (C)	Total Death (D)	New C	New D
	151.808	19.718	4.902	395
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,3%	2,0%	21,1 days	34,3 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
226,6		29,4	0,2%	21,7%

	2020-04-18		t-13	
	Total Cases (C)	Total Death (D)	New C	New D
	146.906	19.323	-17	642
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	3,4%	#####	20,5 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
219,3		28,8	0,2%	22,4%

	2020-04-17		t-14	
	Total Cases (C)	Total Death (D)	New C	New D
	146.923	18.681	1.979	761
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,4%	4,2%	51,1 days	16,7 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
219,3		27,9	0,2%	22,8%

Two weeks ago	2020-04-16		t-15	
	Total Cases (C)	Total Death (D)	New C	New D
	144.944	17.920	12.471	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)
216,4		26,7	0,2%	22,9%

	2020-04-15		t-16	
	Total Cases (C)	Total Death (D)	New C	New D
	132.473	17.167	3.216	1.438
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,5%	9,1%	28,2 days	7,9 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
197,7		25,6	0,2%	23,1%

	2020-04-14		t-17	
	Total Cases (C)	Total Death (D)	New C	New D
	129.257	15.729	4.959	762
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,0%	5,1%	17,7 days	14,0 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
192,9		23,5	0,2%	22,3%

	2020-04-13		t-18	
	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-19	
	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-20	
	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%

	2020-04-10		t-21	
	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%

## 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

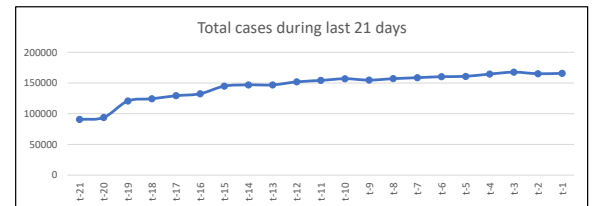
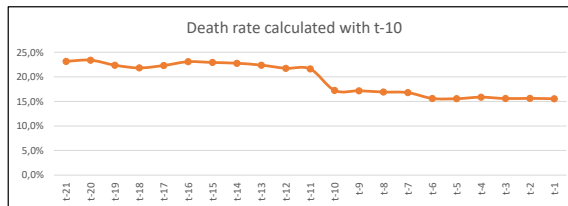
New Death: Compared to the day before

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.



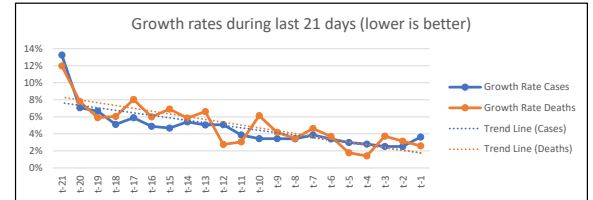
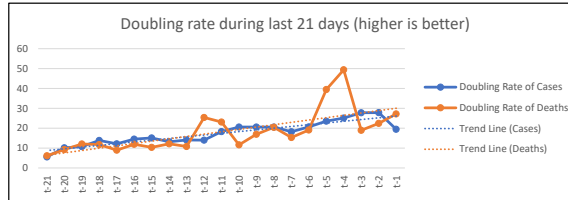
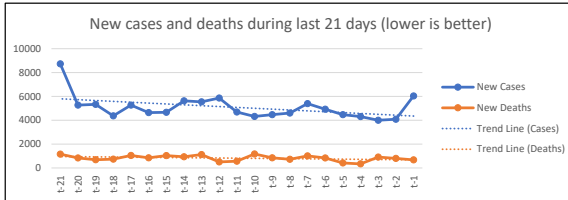
## Footnotes:

<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 UK (United Kingdom)

UK (United Kingdom)			
Data from (t-21):		Data to (t-1):	
2020-04-10		2020-04-30	
Statistic created:		Author:	
2020-05-01		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
2020-01-31	91	66.435.550	
Sources of data <sup>2</sup> :		Template:	A-20-04-08
<a href="http://toms-one/COVID-19-statistic">http://toms-one/COVID-19-statistic</a>			



Actual Week	2020-04-30		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	172.481	26.842	6.040	676
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,6%	2,6%	19,4 days	27,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	259,6	40,4	0,3%	20,6%

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

2020-04-28		t-3	
Total Cases (C)	Total Death (D)	New C	New D
162.350	25.369	4.002	911
Growth C in %	Growth D %	Double C in days	Double D in days
2,5%	3,7%	27,8 days	19,0 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
244,4	38,2	0,2%	20,9%

2020-04-27	t-4		
Total Cases (C)	Total Death (D)	New C	New D
158.348	24.458	4.311	341
Growth C in %	Growth D %	Double C in days	Double D in days
2,8%	1,4%	25,1 days	49,4 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
238,3	36,8	0,2%	21,2%

2020-04-26	t-5			
Total Cases (C)	Total Death (D)	New C	New D	
154.037	24.117	4.468	420	
Growth C in %	Growth D %	Double C in days	Double D in days	
3,0%	1,8%	23,5 days	39,5 days	
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
231,9	36,3	0,2%	22,0%	

2020-04-25		t-6	
Total Cases (C)	Total Death (D)	New C	New D
149.569	23.697	4.929	844
Growth C in %	Growth D %	Double C in days	Double D in days
3,4%	3,7%	20,7 days	19,1 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
225,1	35,7	0,2%	22,8%

2020-04-24		t-7	
Total Cases (C)	Total Death (D)	New C	New D
144.640	22.853	5.394	1.013
Growth C in %	Growth D in %	Double C in days	Double D in days
3,9%	4,6%	18,2 days	15,3 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
217,7	34,4	0,2%	23,0%

One week ago	2020-04-23		t-8	
	Total Cases (C)	Total Death (D)	New C	New D
	139.246	21.840	4.608	729
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,4%	3,5%	20,6 days	20,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	209,6	32,9	0,2%	23,0%

2020-04-22	t-9		
Total Cases (C)	Total Death (D)	New C	New D
134.638	21.111	4.466	847
Growth C in %	Growth D %	Double C in days	Double D in days
3,4%	4,2%	20,5 days	16,9 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
202,7	31,8	0,2%	23,6%

2020-04-21	t-10		
Total Cases (C)	Total Death (D)	New C	New D
130.172	20.264	4.316	1.172
Growth C in %	Growth D %	Double C in days	Double D in days
3,4%	6,1%	20,6 days	11,6 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
195,9	30,5	0,2%	23,8%

2020-04-20	t-11		
Total Cases (C)	Total Death (D)	New C	New D
125.856	19.092	4.684	565
Growth C in %	Growth D %	Double C in days	Double D in days
3,9%	3,0%	18,3 days	23,1 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
189,4	28,7	0,2%	23,9%

2020-04-19	t-12		
Total Cases (C)	Total Death (D)	New C	New D
121.172	18.527	5.858	499
Growth C in %	Growth D %	Double C in days	Double D in days
5,1%	2,8%	14,0 days	25,4 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
182,4	27,9	0,2%	24,8%

2020-04-18		t-13			
Total Cases (C)	Total Death (D)	New C	New D		
115.314	18.028	5.545	1.118		
Growth C in %	Growth D %	Double C in days	Double D in days		
5,1%	6,6%	14,1 days	10,8 days		
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)		
173,6	27,1	0,2%	27,4%		

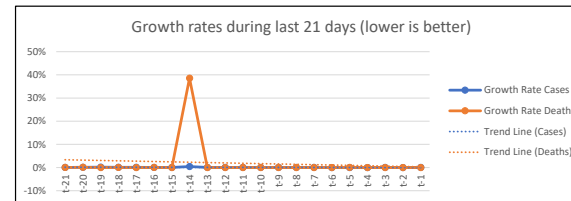
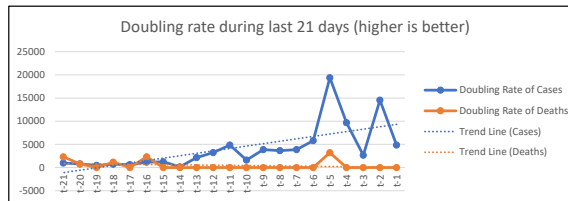
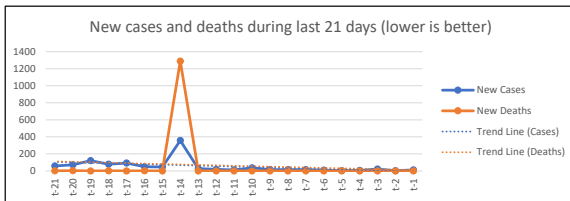
2020-04-17		t-14	
Total Cases (C)	Total Death (D)	New C	New D
109.769	16.910	5.624	936
Growth C in %	Growth D %	Double C in days	Double D in days
5,4%	5,9%	13,2 days	12,2 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
165,2	25,5	0,2%	27,5%

Two weeks ago	2020-04-16		
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# COVID-19 Statistics CN (China)

CN (China)			
Data from (t-21):		Data to (t-1):	
2020-04-10		2020-04-30	
Statistic created:		Author:	
2020-05-01		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
December 2019	~ 122	1.400.050.000	
Sources of data <sup>2</sup> :		Template:	A:20-04-08
<a href="http://tome.one/COVID-19-statistic">http://tome.one/COVID-19-statistic</a>			



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

	2020-04-29		t-2	
	Total Cases (C)	Total Death (D)	New C	New D
	83.944	4.637	4	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	#####	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-04-28		t-3	
	Total Cases (C)	Total Death (D)	New C	New D
	83.940	4.637	22	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	2644,3 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-04-27		t-4	
	Total Cases (C)	Total Death (D)	New C	New D
	83.918	4.637	6	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	9694,2 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-04-26		t-5	
	Total Cases (C)	Total Death (D)	New C	New D
	83.912	4.637	3	1
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	#####	3213,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-04-25		t-6	
	Total Cases (C)	Total Death (D)	New C	New D
	83.909	4.636	10	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	5815,8 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,6%

	2020-04-24		t-7	
	Total Cases (C)	Total Death (D)	New C	New D
	83.899	4.636	15	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	3876,6 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,6%

One week ago	2020-04-23		t-8	
	Total Cases (C)	Total Death (D)	New C	New D
	83.884	4.636	16	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	3633,7 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,6%

	2020-04-22		t-9	
	Total Cases (C)	Total Death (D)	New C	New D
	83.868	4.636	15	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	3875,2 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,6%

	2020-04-21		t-10	
	Total Cases (C)	Total Death (D)	New C	New D
	83.853	4.636	36	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	1614,2 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,6%

	2020-04-20		t-11	
	Total Cases (C)	Total Death (D)	New C	New D
	83.817	4.636	12	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	4841,1 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,6%

	2020-04-19		t-12	
	Total Cases (C)	Total Death (D)	New C	New D
	83.805	4.636	18	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	3226,8 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,6%

	2020-04-18		t-13	
	Total Cases (C)	Total Death (D)	New C	New D
	83.787	4.636	27	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	2150,6 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,6%

	2020-04-17		t-14	
	Total Cases (C)	Total Death (D)	New C	New D
	83.760	4.636	357	1.290
	Growth C in %	Growth D %	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-10)
	6,0	0,3	0,0%	5,6%

Two weeks ago	2020-04-16		t-15	
	Total Cases (C)	Total Death (D)	New C	New D
	83.403	3.346	47	0
	Growth C in %	Growth D %	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-10)
	6,0	0,2	0,0%	4,0%

	2020-04-15		t-16	
	Total Cases (C)	Total Death (D)	New C	New D
	83.356	3.346	50	1
	Growth C in %	Growth D %	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-10)
	6,0	0,2	0,0%	4,0%

	2020-04-14		t-17	
	Total Cases (C)	Total Death (D)	New C	New D
	83.306	3.345	93	0
	Growth C in %	Growth D %	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-18	
	Total Cases (C)	Total Death (D)	New C	New D
	83.213	3.345	79	2
	Growth C in %	Growth D %	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-10)
	5,9	0,2	0,0%	4,1%

	2020-04-12		t-19	
	Total Cases (C)	Total Death (D)	New C	New D
	83.134	3.343	120	0
	Growth C in %	Growth D %	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-10)
	5,9	0,2	0,0%	4,1%

	2020-04-11		t-20	
	Total Cases (C)	Total Death (D)	New C	New D
	83.014	3.343	73	3
	Growth C in %	Growth D %	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%

	2020-04-10		t-21	
	Total Cases (C)	Total Death (D)	New C	New D
	82.941	3.340	58	1
	Growth C in %	Growth D %	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-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

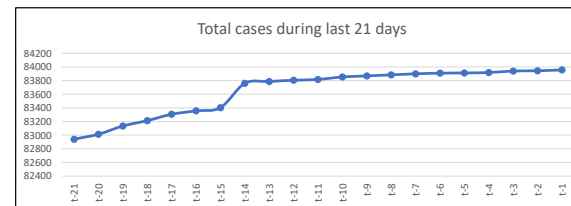
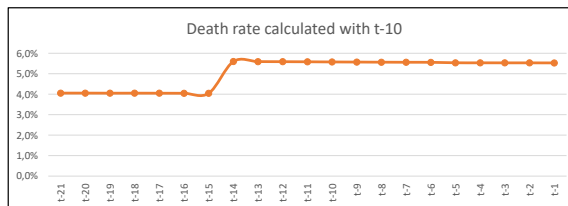
New Death: Compared to the day before

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.



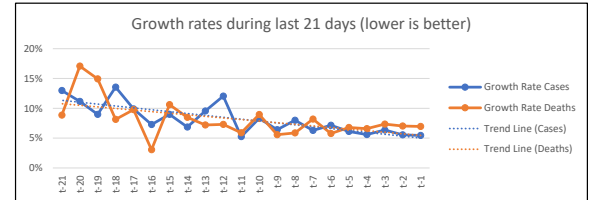
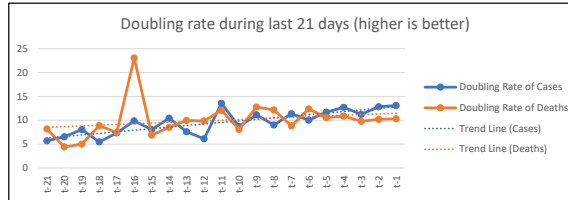
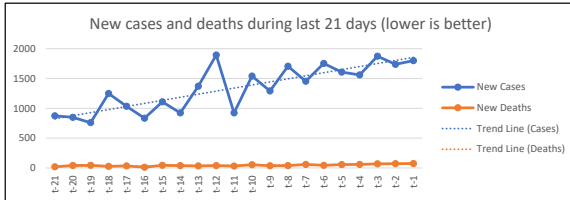
## Footnotes:

<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)

<b>IN (India)</b>			
<b>Data from (t-21):</b>		<b>Data to (t-1):</b>	
2020-04-10		2020-04-30	
<b>Statistic created:</b>		<b>Author:</b>	
2020-05-01		Tom Gries	
<b>1st Case:</b>	<b>Days:</b>	<b>Population<sup>1</sup>:</b>	
2020-01-30	92	1.368.738.000	
<b>Sources of data<sup>2</sup>:</b>		<b>Template:</b>	A-20-04-08
<a href="http://tome.one/COVID-19-statistic">http://tome.one/COVID-19-statistic</a>			



Actual Week	2020-04-30		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	34.863	1.154	1.801	75
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,4%	7,0%	13,1 days	10,3 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
2,5		0,1	0,0%	5,7%

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

	2020-04-28		t-3	
	Total Cases (C)	Total Death (D)	New C	New D
	31.324	1.008	1.873	69
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,4%	7,3%	11,2 days	9,8 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
2,3		0,1	0,0%	5,7%

	2020-04-27		t-4	
	Total Cases (C)	Total Death (D)	New C	New D
	29.451	939	1.561	58
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,6%	6,6%	12,7 days	10,9 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
2,2		0,1	0,0%	6,0%

	2020-04-26		t-5	
	Total Cases (C)	Total Death (D)	New C	New D
	27.890	881	1.607	56
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,1%	6,8%	11,7 days	10,6 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
2,0		0,1	0,0%	6,1%

	2020-04-25		t-6	
	Total Cases (C)	Total Death (D)	New C	New D
	26.283	825	1.753	45
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,1%	5,8%	10,0 days	12,4 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
1,9		0,1	0,0%	6,1%

	2020-04-24		t-7	
	Total Cases (C)	Total Death (D)	New C	New D
	24.530	780	1.453	59
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,3%	8,2%	11,4 days	8,8 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
1,8		0,1	0,0%	6,3%

One week ago	2020-04-23		t-8	
	Total Cases (C)	Total Death (D)	New C	New D
	23.077	721	1.707	40
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,0%	5,9%	9,0 days	12,1 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
1,7		0,1	0,0%	6,3%

	2020-04-22		t-9	
	Total Cases (C)	Total Death (D)	New C	New D
	21.370	681	1.290	36
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,4%	5,6%	11,1 days	12,8 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
1,6		0,0	0,0%	6,5%

	2020-04-21		t-10	
	Total Cases (C)	Total Death (D)	New C	New D
	20.080	645	1.541	53
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,3%	9,0%	8,7 days	8,1 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
1,5		0,0	0,0%	7,0%

	2020-04-20		t-11	
	Total Cases (C)	Total Death (D)	New C	New D
	18.539	592	924	33
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,2%	5,9%	13,6 days	12,1 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
1,4		0,0	0,0%	7,0%

	2020-04-19		t-12	
	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-13	
	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-14	
	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%

Two weeks ago	2020-04-16		t-15	
	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-16	
	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-17	
	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-18	
	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-19	
	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-20	
	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-21	
	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%

## 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

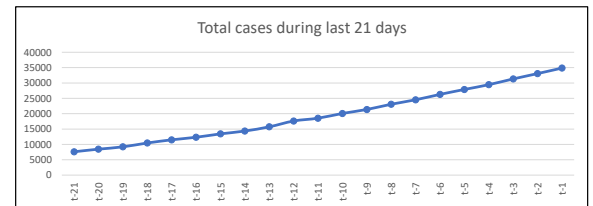
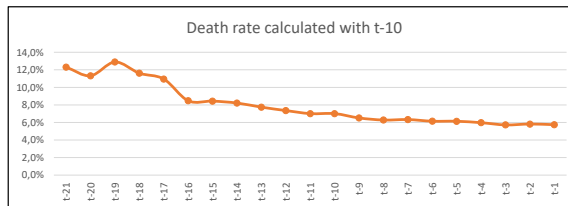
New Death: Compared to the day before

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.



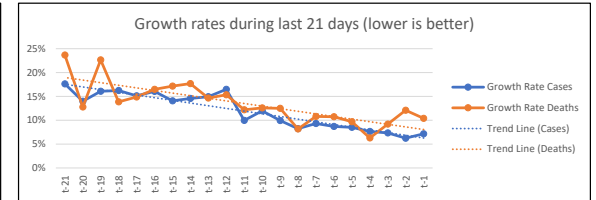
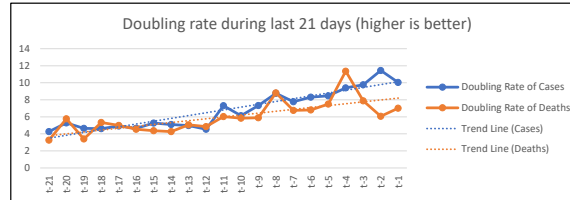
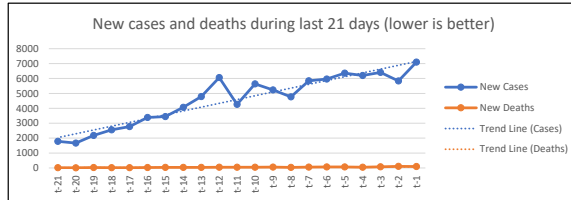
## Footnotes:

<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 RU (Russia)

RU (Russia)			
Data from (t-21):		Data to (t-1):	
2020-04-10		2020-04-30	
Statistic created:		Author:	
2020-05-01		Tom Gries	
1st Case:	Days:	Population <sup>1</sup> :	
2020-01-31	91	146.877.088	
Sources of data <sup>2</sup> :		Template:	A-20-04-08
<a href="http://toms.one/COVID-19-statistic">http://toms.one/COVID-19-statistic</a>			



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

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

	2020-04-28	t-3		
	Total Cases (C)	Total Death (D)	New C	New D
	93.558	867	6.411	73
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,4%	9,2%	9,8 days	7,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	63,7	0,6	0,1%	2,0%

	2020-04-27	t-4		
	Total Cases (C)	Total Death (D)	New C	New D
	87.147	794	6.198	47
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,7%	6,3%	9,4 days	11,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	59,3	0,5	0,1%	2,2%

	2020-04-26	t-5		
	Total Cases (C)	Total Death (D)	New C	New D
	80.949	747	6.361	66
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,5%	9,7%	8,5 days	7,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	55,1	0,5	0,1%	2,3%

	2020-04-25	t-6		
	Total Cases (C)	Total Death (D)	New C	New D
	74.588	681	5.966	66
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,7%	10,7%	8,3 days	6,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	50,8	0,5	0,1%	2,4%

	2020-04-24	t-7		
	Total Cases (C)	Total Death (D)	New C	New D
	68.622	615	5.849	60
	Growth C in %	Growth D %	Double C in days	Double D in days
	9,3%	10,8%	7,8 days	6,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	46,7	0,4	0,0%	2,5%

One week ago	2020-04-23	t-8		
	Total Cases (C)	Total Death (D)	New C	New D
	62.773	555	4.774	42
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,2%	8,2%	8,8 days	8,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	42,7	0,4	0,0%	2,6%

	2020-04-22	t-9		
	Total Cases (C)	Total Death (D)	New C	New D
	57.999	513	5.236	57
	Growth C in %	Growth D %	Double C in days	Double D in days
	9,9%	12,5%	7,3 days	5,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	39,5	0,3	0,0%	2,8%

	2020-04-21	t-10		
	Total Cases (C)	Total Death (D)	New C	New D
	52.763	456	5.642	51
	Growth C in %	Growth D %	Double C in days	Double D in days
	12,0%	12,6%	6,1 days	5,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	35,9	0,3	0,0%	2,9%

	2020-04-20	t-11		
	Total Cases (C)	Total Death (D)	New C	New D
	47.121	405	4.268	44
	Growth C in %	Growth D %	Double C in days	Double D in days
	10,0%	12,2%	7,3 days	6,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	32,1	0,3	0,0%	3,0%

	2020-04-19	t-12		
	Total Cases (C)	Total Death (D)	New C	New D
	42.853	361	6.060	48
	Growth C in %	Growth D %	Double C in days	Double D in days
	16,5%	15,3%	4,5 days	4,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	29,2	0,2	0,0%	3,0%

	2020-04-18	t-13		
	Total Cases (C)	Total Death (D)	New C	New D
	36.793	313	4.785	40
	Growth C in %	Growth D %	Double C in days	Double D in days
	14,9%	14,7%	5,0 days	5,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	25,1	0,2	0,0%	3,1%

	2020-04-17	t-14		
	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%

Two weeks ago	2020-04-16	t-15		
	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-16		
	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-17		
	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-18		
	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-19		
	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-20		
	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%

	2020-04-10	t-21		
	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%

## 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

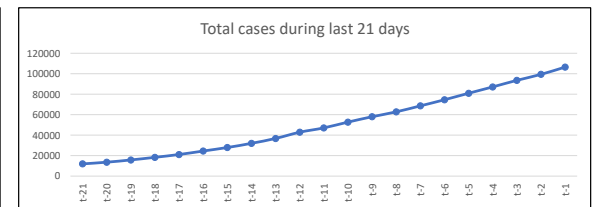
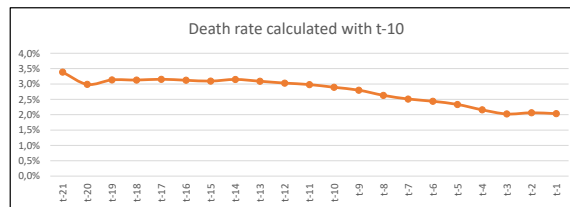
New Death: Compared to the day before

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

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