

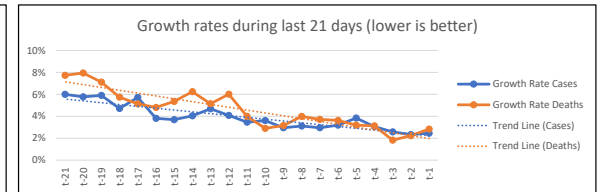
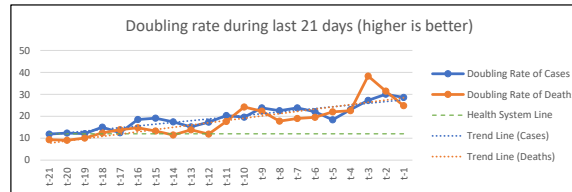
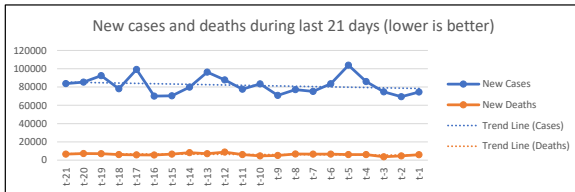
COVID-19 Statistics - Summary

Country / Region	1st Case	Days	Population
WORLD	December 2019	~ 120	7.750.000.000
United States	2020-01-22	98	327.167.434
Germany	2020-01-27	93	83.019.213
Italy	2020-01-31	89	60.262.701
Spain	2020-02-01	88	46.722.980
France	2020-01-24	96	66.993.000
United Kingdom	2020-01-31	89	66.435.550
China	December 2019	~ 120	1.400.050.000
India	2020-01-30	90	1.368.738.000
Russia	2020-01-31	89	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: 2020-04-29	3.152.556	218.491	0,04%	16.048	678						
2020-04-28	3.116.398	217.153	0,04%	74.634	5.986	40,21	2,80	2,45%	2,83%	28,6 days	24,8 days
Live Data: 2020-04-29	1.035.765	59.266	0,32%	0	0						
2020-04-28	1.012.582	58.355	0,31%	24.385	2.096	309,50	17,84	2,47%	3,73%	28,4 days	18,9 days
Live Data: 2020-04-29	161.145	21.678	0,19%	0	0						
2020-04-28	159.912	6.314	0,19%	1.154	188	192,62	7,61	0,73%	3,07%	95,7 days	22,9 days
Live Data: 2020-04-29	201.505	27.359	0,33%	0	0						
2020-04-28	201.505	27.359	0,33%	2.091	382	334,38	45,40	1,05%	1,42%	66,4 days	49,3 days
Live Data: 2020-04-29	232.128	23.822	0,50%	0	0						
2020-04-28	232.128	23.822	0,50%	2.706	301	496,82	50,99	1,18%	1,28%	59,1 days	54,5 days
Live Data: 2020-04-29	165.911	23.660	0,25%	22	0						
2020-04-28	167.605	23.660	0,25%	3.016	367	250,18	35,32	1,83%	1,58%	38,2 days	44,3 days
Live Data: 2020-04-29	99.399	972	0,15%	0	0						
2020-04-28	162.350	21.745	0,24%	4.002	588	244,37	32,73	2,53%	2,78%	27,8 days	25,3 days
Live Data: 2020-04-29	160.059	6.314	0,01%	0	0						
2020-04-28	83.940	4.637	0,01%	22	0	6,00	0,33	0,03%	0,00%	2644,3 days	-----
Live Data: 2020-04-29	31.332	1.008	0,00%	0	0						
2020-04-28	31.324	1.008	0,00%	1.873	69	2,29	0,07	6,36%	7,35%	11,2 days	9,8 days
Live Data: 2020-04-29	82.858	4.633	0,06%	0	0						
2020-04-28	93.558	867	0,06%	6.411	73	63,70	0,59	7,36%	9,19%	9,8 days	7,9 days

COVID-19 Statistics WORLD

WORLD			
Data from (t-21):		Data to (t-1):	
2020-04-08		2020-04-28	
Statistic created:		Author:	
2020-04-29		Tom Gries	
1st Case:	Days:	Population ¹ :	
December 2019	~120	7 750.000.000	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-04-28	t-1			
	Total Cases (C)	Total Death (D)	New C	New D	
	3.116.398	217.153	74.634	5.986	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	2,5%	2,8%	28,6 days	24,8 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	40,2	2,8	0,0%	9,0%	

	2020-04-27	t-2			
	Total Cases (C)	Total Death (D)	New C	New D	
	3.041.764	211.167	69.401	4.599	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	2,3%	2,2%	30,0 days	31,5 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	39,2	2,7	0,0%	9,1%	

	2020-04-26	t-3			
	Total Cases (C)	Total Death (D)	New C	New D	
	2.972.363	206.568	74.739	3.700	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	2,6%	1,8%	27,2 days	38,4 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	38,4	2,7	0,0%	9,2%	

	2020-04-25	t-4			
	Total Cases (C)	Total Death (D)	New C	New D	
	2.897.624	202.868	86.021	6.150	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	3,1%	3,1%	23,0 days	22,5 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	37,4	2,6	0,0%	9,4%	

	2020-04-24	t-5			
	Total Cases (C)	Total Death (D)	New C	New D	
	2.811.603	196.718	103.861	6.090	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	3,8%	3,2%	18,4 days	22,0 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	36,3	2,5	0,0%	9,6%	

	2020-04-23	t-6			
	Total Cases (C)	Total Death (D)	New C	New D	
	2.707.742	190.628	83.635	6.658	
	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%	9,6%	

	2020-04-22	t-7			
	Total Cases (C)	Total Death (D)	New C	New D	
	2.624.107	183.970	75.286	6.599	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	3,0%	3,7%	23,8 days	19,0 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	33,9	2,4	0,0%	9,7%	

One week ago	2020-04-21	t-8			
	Total Cases (C)	Total Death (D)	New C	New D	
	2.548.821	177.371	77.062	6.793	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	3,1%	4,0%	22,6 days	17,7 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	32,9	2,3	0,0%	9,7%	

	2020-04-20	t-9			
	Total Cases (C)	Total Death (D)	New C	New D	
	2.471.759	170.578	70.916	5.213	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	3,0%	3,2%	23,8 days	22,3 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	31,9	2,2	0,0%	9,8%	

	2020-04-19	t-10			
	Total Cases (C)	Total Death (D)	New C	New D	
	2.400.843	165.365	83.504	4.661	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	3,6%	2,9%	19,6 days	24,2 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	31,0	2,1	0,0%	10,0%	

	2020-04-18	t-11			
	Total Cases (C)	Total Death (D)	New C	New D	
	2.317.339	160.704	77.616	6.183	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	3,5%	4,0%	20,3 days	17,7 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	29,9	2,1	0,0%	10,3%	

	2020-04-17	t-12			
	Total Cases (C)	Total Death (D)	New C	New D	
	2.239.723	154.521	87.851	8.771	
	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%	10,4%	

	2020-04-16	t-13			
	Total Cases (C)	Total Death (D)	New C	New D	
	2.151.872	145.750	96.366	7.120	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	4,7%	5,1%	15,1 days	13,8 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	27,8	1,9	0,0%	10,4%	

	2020-04-15	t-14			
	Total Cases (C)	Total Death (D)	New C	New D	
	2.055.506	138.630	79.925	8.140	
	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%	10,5%	

Two weeks ago	2020-04-14	t-15			
	Total Cases (C)	Total Death (D)	New C	New D	
	1.975.581	130.490	70.389	6.629	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	3,7%	5,4%	19,1 days	13,3 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	25,5	1,7	0,0%	10,4%	

	2020-04-13	t-16			
	Total Cases (C)	Total Death (D)	New C	New D	
	1.905.192	123.861	70.028	5.681	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	3,8%	4,8%	18,5 days	14,8 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	24,6	1,6	0,0%	10,5%	

	2020-04-12	t-17			
	Total Cases (C)	Total Death (D)	New C	New D	
	1.835.164	118.180	99.139	5.758	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	5,7%	5,1%	12,5 days	13,9 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	23,7	1,5	0,0%	10,8%	

	2020-04-11	t-18			
	Total Cases (C)	Total Death (D)	New C	New D	
	1.736.025	112.422	78.096	6.111	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	4,7%	5,7%	15,1 days	12,4 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	22,4	1,5	0,0%	11,1%	

	2020-04-10	t-19			
	Total Cases (C)	Total Death (D)	New C	New D	
	1.657.929	106.311	92.391	7.059	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	5,9%	7,1%	12,1 days	10,1 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	21,4	1,4	0,0%	11,4%	

	2020-04-09	t-20			
	Total Cases (C)	Total Death (D)	New C	New D	
	1.565.538	99.252	85.338	7.306	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	5,8%	7,9%	12,4 days	9,1 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	20,2	1,3	0,0%	11,6%	

	2020-04-08	t-21			
	Total Cases (C)	Total Death (D)	New C	New D	
	1.480.200	91.946	83.762	6.596	
	Growth C in %	Growth D %	Double C in days	Double D in days	
	6,0%	7,7%	11,9 days	9,3 days	
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	
	19,1	1,2	0,0%	11,8%	

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

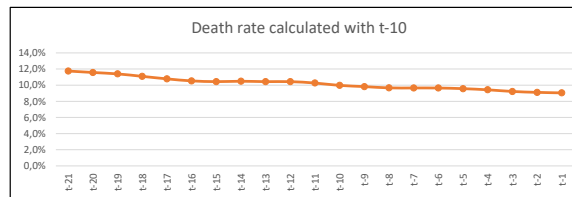
New Death: Compared to the day before

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

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

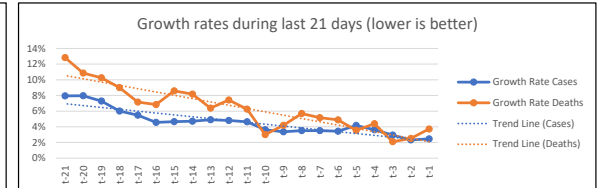
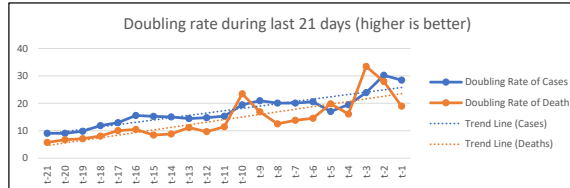
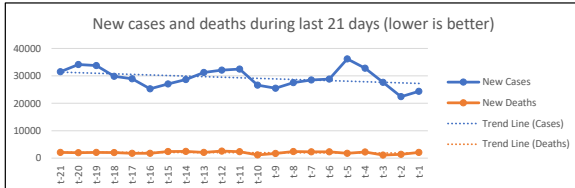
Recovered: Not used because this is not an official and countable number

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



COVID-19 Statistics US (United States)

US (United States)			
Data from (t-21):		Data to (t-1):	
2020-04-08		2020-04-28	
Statistic created:		Author:	
2020-04-29		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-22	98	327.167.434	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-04-28					2020-04-27					2020-04-26					2020-04-25					2020-04-24					2020-04-23					2020-04-22																												
	t-1		t-2		New C	t-1		t-2		New C	t-3		t-4		New C	t-4		t-5		New C	t-6		t-7		New C	t-7		t-8																															
	Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D																										
	1.012.582	58.355	24.385	2.096		988.197	56.259	22.412	1.378		965.785	54.881	27.631	1.126		938.154	53.755	32.796	2.262		905.358	51.493	36.188	1.769		869.170	49.724	28.819	2.312	840.351	47.412	28.486	2.326																										
	Growth C in %	Growth D in %	Double C in days	Double D in days		Growth C in %	Growth D in %	Double C in days	Double D in days		Growth C in %	Growth D in %	Double C in days	Double D in days		Growth C in %	Growth D in %	Double C in days	Double D in days		Growth C in %	Growth D in %	Double C in days	Double D in days		Growth C in %	Growth D in %	Double C in days	Double D in days	Growth C in %	Growth D in %	Double C in days	Double D in days																										
2,5%	3,7%	28,4 days	18,9 days	2,3%	2,5%	30,2 days	28,0 days	2,9%	2,1%	23,9 days	33,4 days	3,6%	4,4%	19,5 days	16,1 days	4,2%	3,6%	17,0 days	19,8 days	3,4%	4,9%	20,6 days	14,6 days	3,5%	5,2%	20,1 days	13,8 days																																
Cases per 100K					Deaths per 100K					C of Population					Death Rate (t-10)					Cases per 100K					Deaths per 100K					C of Population					Death Rate (t-10)																								
309,5					17,8					0,3%					7,7%					302,0					17,2					0,3%					7,7%					295,2					16,8					0,3%					7,8%				
One week ago	2020-04-21					2020-04-20					2020-04-19					2020-04-18					2020-04-17					2020-04-16					2020-04-15					2020-04-14																							
	t-8		t-9		New C	t-8		t-9		New C	t-10		t-11		New C	t-11		t-12		New C	t-13		t-14		New C	t-14		t-15																															
	Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D																										
	811.865	45.086	27.539	2.427		784.326	42.659	25.517	1.714		758.809	40.945	26.612	1.192		732.197	39.753	32.491	2.342		699.706	37.411	32.114	2.584		667.592	34.827	31.242	2.093	636.350	32.734	28.680	2.472																										
	Growth C in %	Growth D in %	Double C in days	Double D in days		Growth C in %	Growth D in %	Double C in days	Double D in days		Growth C in %	Growth D in %	Double C in days	Double D in days		Growth C in %	Growth D in %	Double C in days	Double D in days		Growth C in %	Growth D in %	Double C in days	Double D in days		Growth C in %	Growth D in %	Double C in days	Double D in days	Growth C in %	Growth D in %	Double C in days	Double D in days																										
3,5%	5,7%	20,1 days	12,5 days	3,4%	4,2%	21,0 days	16,9 days	3,6%	3,0%	19,4 days	23,5 days	4,6%	6,3%	15,3 days	11,4 days	4,8%	7,4%	14,8 days	9,7 days	4,9%	6,4%	14,5 days	11,2 days	4,7%	8,2%	15,0 days	8,8 days																																
Cases per 100K					Deaths per 100K					C of Population					Death Rate (t-10)					Cases per 100K					Deaths per 100K					C of Population					Death Rate (t-10)																								
248,1					13,8					0,2%					8,1%					231,9					12,5					0,2%					8,2%					223,8					12,2					0,2%					8,6%				
Two weeks ago	2020-04-14					2020-04-13					2020-04-12					2020-04-11					2020-04-10					2020-04-09					2020-04-08																												
	t-15		t-16		New C	t-15		t-16		New C	t-17		t-18		New C	t-18		t-19		New C	t-20		t-21		New C	t-21		t-22																															
	Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D		Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D																										
	607.670	30.262	27.051	2.392		580.619	27.870	25.306	1.784		555.313	26.086	28.917	1.744		526.396	24.342	29.861	2.009		496.535	22.333	33.755	2.078		462.780	20.255	34.126	1.985	428.654	18.270	31.533	2.079																										
	Growth C in %	Growth D in %	Double C in days	Double D in days		Growth C in %	Growth D in %	Double C in days	Double D in days		Growth C in %	Growth D in %	Double C in days	Double D in days		Growth C in %	Growth D in %	Double C in days	Double D in days		Growth C in %	Growth D in %	Double C in days	Double D in days		Growth C in %	Growth D in %	Double C in days	Double D in days	Growth C in %	Growth D in %	Double C in days	Double D in days																										
4,7%	8,6%	15,2 days	8,4 days	4,6%	6,8%	15,6 days	10,5 days	5,5%	7,2%	13,0 days	10,0 days	6,0%	9,0%	11,9 days	8,0 days	7,3%	10,3%	9,8 days	7,1 days	8,0%	10,9%	9,0 days	6,7 days	7,9%	12,8%	9,1 days	5,7 days																																
Cases per 100K					Deaths per 100K					C of Population					Death Rate (t-10)					Cases per 100K					Deaths per 100K					C of Population					Death Rate (t-10)																								
185,7					9,2					0,2%					9,0%					169,7					8,0					0,2%					9,5%					160,9					7,4					0,2%					10,0%				

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

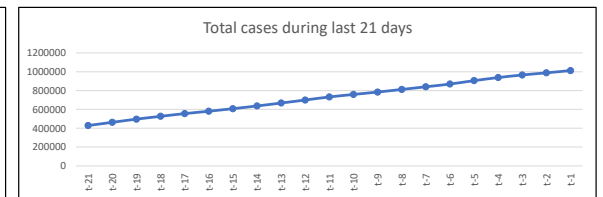
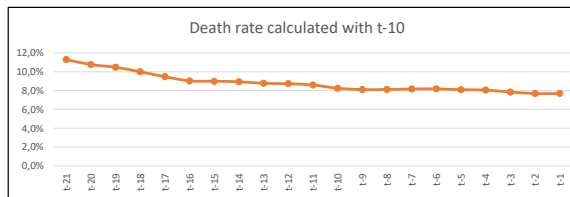
New Death: Compared to the day before

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

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.



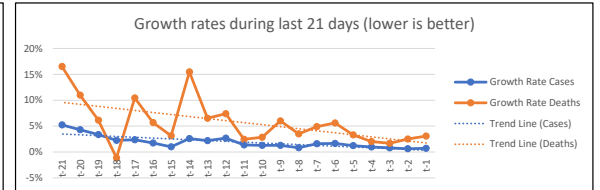
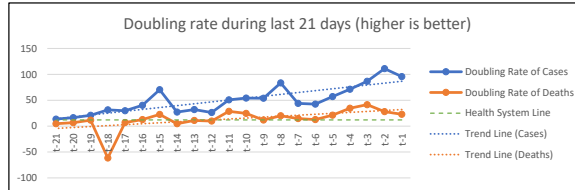
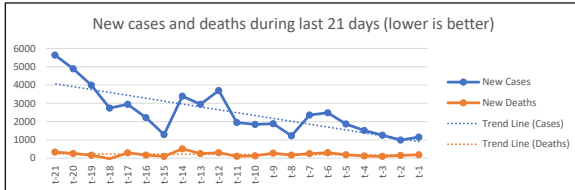
Footnotes:

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 DE (Germany)

DE (Germany)			
Data from t-21:		Data to t-1:	
2020-04-08		2020-04-28	
Statistic created:		Author:	
2020-04-29		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-27	93	83.019.213	
Sources of data ² :		Template:	
http://homo-one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-04-28		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
	159.912	6.314	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-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
	158.758	6.126	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-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
	157.770	5.976	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-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
	156.513	5.877	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-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
	154.999	5.760	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%			

	2020-04-23		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
	153.129	5.575	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-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
	150.648	5.279	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%			

One week ago	2020-04-21		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
	148.291	5.033	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-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
	147.065	4.862	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-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
	145.184	4.586	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-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
	143.342	4.459	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-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
	141.397	4.352	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-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
	137.698	4.052	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%			

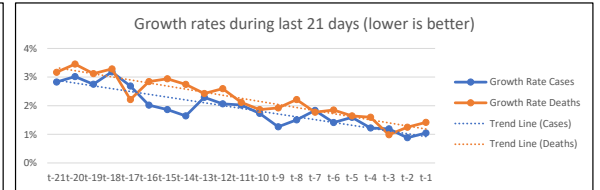
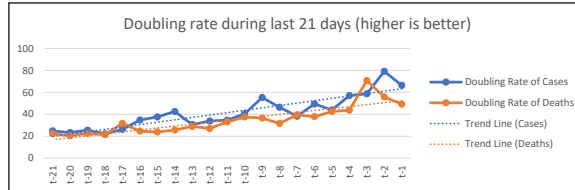
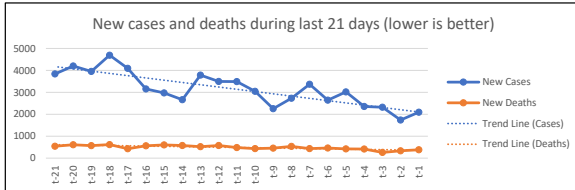
	2020-04-15		t-14		New C		New D	
	Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
	134.753	3.804	134.753	3.804	3.394	510		
	Growth C in %	Growth D %	Double C in days		Double D in days			
	2,6%	15,5%	27,2 days		4,8 days			
	Cases per 100K	Deaths per 100K	C of Population		Death Rate (t-10)			
	162,3	4,6	0,2%		3,7%			

Two weeks ago	2020-04-14		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
	131.359	3.294	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-16	
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-t0)
156,7	3,8	0,2%	3,3%

COVID-19 Statistics IT (Italy)

IT (Italy)			
Data from (t-21):		Data to (t-1):	
2020-04-08		2020-04-28	
Statistic created:		Author:	
2020-04-29		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-31	89	60.262.701	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-04-28		t-1	
	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-2	
	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-3	
	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-4	
	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-5	
	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%

	2020-04-23		t-6	
	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-7	
	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%

One week ago	2020-04-21		t-8	
	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-9	
	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-10	
	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-11	
	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-12	
	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-13	
	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-14	
	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%

Two weeks ago	2020-04-14		t-15	
	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-16	
	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-17	
	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-18	
	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-19	
	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-20	
	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-21	
	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%

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

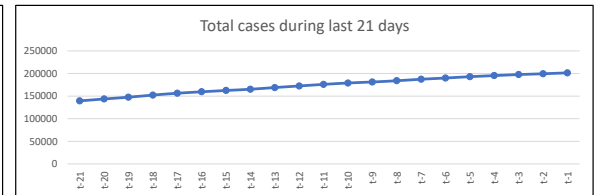
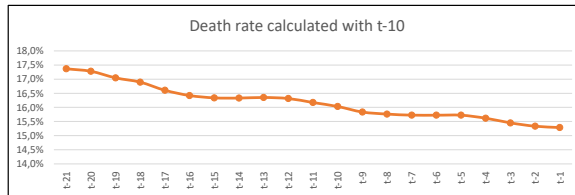
New Death: Compared to the day before

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.



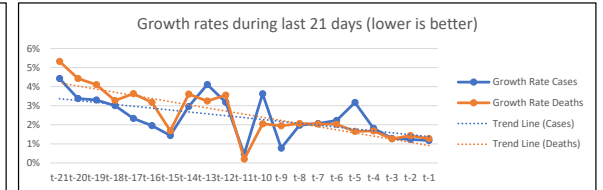
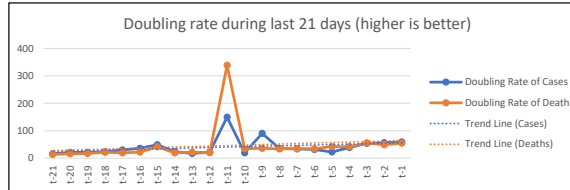
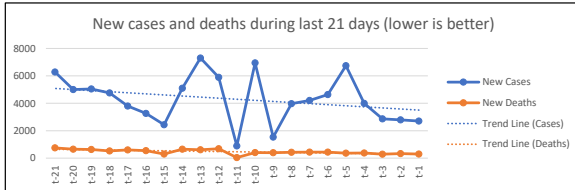
Footnotes:

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):	
2020-04-08		2020-04-28	
Statistic created:		Author:	
2020-04-29		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-02-01	88	46.722.980	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-04-28		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	232.128	23.822	2.706	301
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,2%	1,3%	59,1 days	54,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	496,8	51,0	0,5%	12,0%

	2020-04-27		t-2	
	Total Cases (C)	Total Death (D)	New C	New D
	229.422	23.521	2.793	331
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,2%	1,4%	56,6 days	48,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	491,0	50,3	0,5%	12,3%

	2020-04-26		t-3	
	Total Cases (C)	Total Death (D)	New C	New D
	226.629	23.190	2.870	288
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,3%	1,3%	54,4 days	55,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	485,0	49,6	0,5%	12,2%

	2020-04-25		t-4	
	Total Cases (C)	Total Death (D)	New C	New D
	223.759	22.902	3.995	378
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,8%	1,7%	38,5 days	41,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	478,9	49,0	0,5%	12,4%

	2020-04-24		t-5	
	Total Cases (C)	Total Death (D)	New C	New D
	219.764	22.524	6.740	367
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,2%	1,7%	22,3 days	42,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	470,4	48,2	0,5%	12,7%

	2020-04-23		t-6	
	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-7	
	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%

One week ago	2020-04-21		t-8	
	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-9	
	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-10	
	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-11	
	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-12	
	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-13	
	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-14	
	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%

Two weeks ago	2020-04-14		t-15	
	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-16	
	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-17	
	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-18	
	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%

	2020-04-10		t-19	
	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-20	
	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-21	
	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%

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

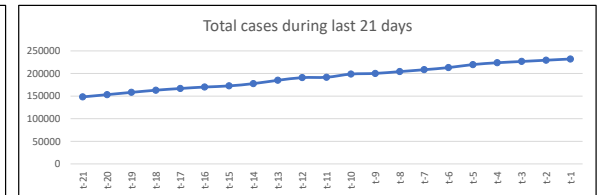
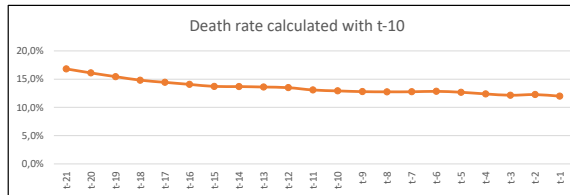
New Death: Compared to the day before

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.



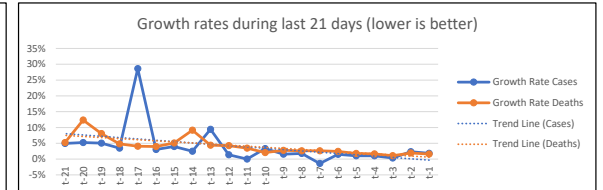
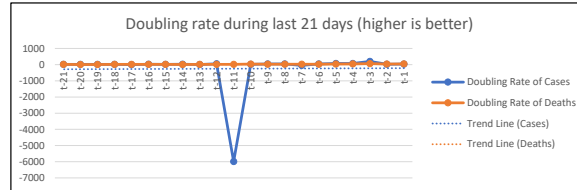
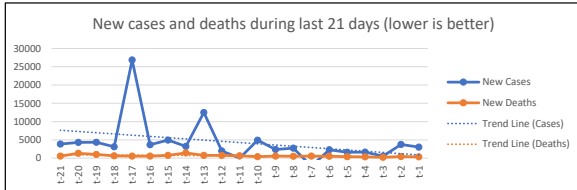
Footnotes:

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):	
2020-04-08		2020-04-28	
Statistic created:		Author:	
2020-04-29		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-24	96	66.993.000	
Sources of data ² :		Template:	
http://homo-one.com/COVID-19-statistic		A-20-04-08	



Actual Week	2020-04-28		t-1	
	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-2	
	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-3	
	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-4	
	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-5	
	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%

	2020-04-23		t-6	
	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-7	
	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%

One week ago	2020-04-21		t-8	
	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-9	
	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-10	
	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-11	
	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-12	
	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%

	2020-04-16		t-13	
	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-14	
	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%

Two weeks ago	2020-04-14		t-15	
	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-16	
	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-17	
	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-18	
	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-19	
	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-20	
	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-21	
	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%

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

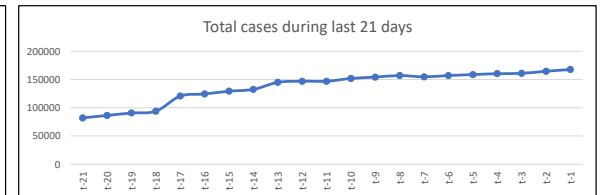
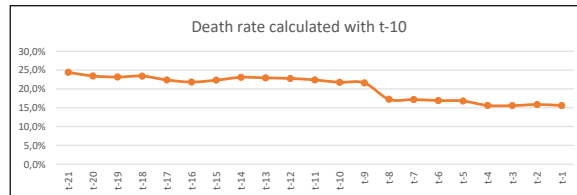
New Death: Compared to the day before

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.



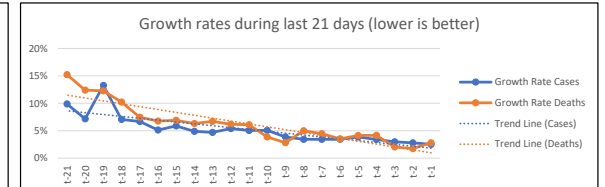
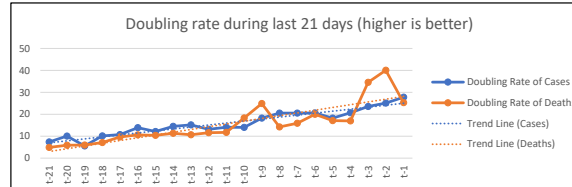
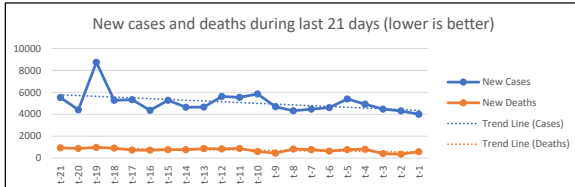
Footnotes:

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 UK (United Kingdom)

UK (United Kingdom)			
Data from (t-21):		Data to (t-1):	
2020-04-08		2020-04-28	
Statistic created:		Author:	
2020-04-29		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-31	89	66.435.550	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-04-28		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	162.350	21.745	4.002	588
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,5%	2,8%	27,8 days	25,3 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
244,4		32,7	0,2%	17,9%

	2020-04-27		t-2	
	Total Cases (C)	Total Death (D)	New C	New D
	158.348	21.157	4.311	363
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,8%	1,7%	25,1 days	40,1 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
238,3		31,8	0,2%	18,3%

	2020-04-26		t-3	
	Total Cases (C)	Total Death (D)	New C	New D
	154.037	20.794	4.468	413
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,0%	2,0%	23,5 days	34,6 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
231,9		31,3	0,2%	18,9%

	2020-04-25		t-4	
	Total Cases (C)	Total Death (D)	New C	New D
	149.569	20.381	4.929	814
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,4%	4,2%	20,7 days	17,0 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
225,1		30,7	0,2%	19,6%

	2020-04-24		t-5	
	Total Cases (C)	Total Death (D)	New C	New D
	144.640	19.567	5.394	776
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,9%	4,1%	18,2 days	17,1 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
217,7		29,5	0,2%	19,7%

	2020-04-23		t-6	
	Total Cases (C)	Total Death (D)	New C	New D
	139.246	18.791	4.608	640
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,4%	3,5%	20,6 days	20,0 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
209,6		28,3	0,2%	19,8%

	2020-04-22		t-7	
	Total Cases (C)	Total Death (D)	New C	New D
	134.638	18.151	4.466	773
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,4%	4,4%	20,5 days	15,9 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
202,7		27,3	0,2%	20,3%

One week ago	2020-04-21		t-8	
	Total Cases (C)	Total Death (D)	New C	New D
	130.172	17.378	4.316	828
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,4%	5,0%	20,6 days	14,2 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
195,9		26,2	0,2%	20,4%

	2020-04-20		t-9	
	Total Cases (C)	Total Death (D)	New C	New D
	125.856	16.550	4.684	455
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,9%	2,8%	18,3 days	24,9 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
189,4		24,9	0,2%	20,7%

	2020-04-19		t-10	
	Total Cases (C)	Total Death (D)	New C	New D
	121.172	16.095	5.858	597
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,1%	3,9%	14,0 days	18,3 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
182,4		24,2	0,2%	21,6%

	2020-04-18		t-11	
	Total Cases (C)	Total Death (D)	New C	New D
	115.314	15.498	5.545	891
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,1%	6,1%	14,1 days	11,7 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
173,6		23,3	0,2%	23,5%

	2020-04-17		t-12	
	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-13	
	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-14	
	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%

Two weeks ago	2020-04-14		t-15	
	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-16	
	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-17	
	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-18	
	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%

	2020-04-10		t-19	
	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-20	
	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-21	
	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%

Explanations:

Cases = C

Death(s) = D

t-1:

Most recent day in report

t-21:

Last day in report

New Cases:

Compared to the day before

New Death:

Compared to the day before

Growth Rate:

Growth rate compared to the day before in percent

Time to double:

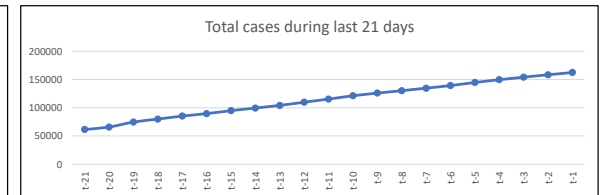
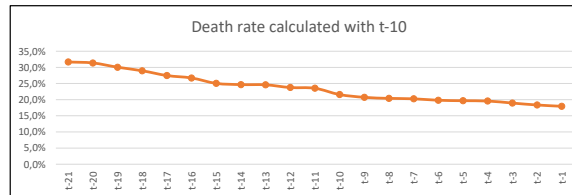
The time it takes until the actual cases/deaths are doubled in days

Recovered:

Not used because this is not an official and countable number

CFR:

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



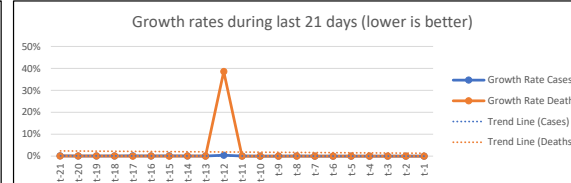
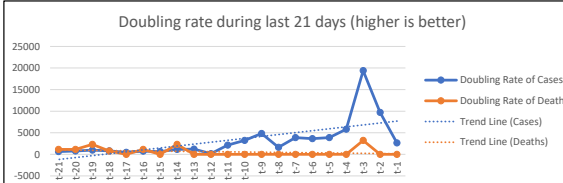
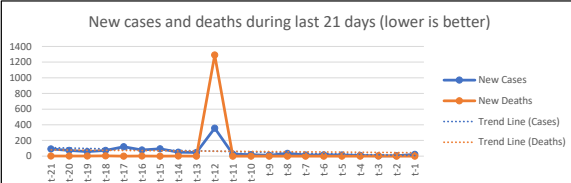
Footnotes:

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)

Data from (t-21):				Data to (t-1):	
2020-04-08				2020-04-28	
Statistic created:				Author:	
2020-04-29				Tom Gries	
1st Case:		Days:		Population ² :	
December 2019		~ 120		1.400.050.000	
Sources of data: ²				Template:	
http://tomo.one/COVID-19-statistic				A-20-04-08	



Actual Week	2020-04-28		t-1	
	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-2		
Total Cases (C)	Total Death (D)	New C	New D
83.918	4.637	6	0
Growth C in %	Growth D in %	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-t0)
6,0	0,3	0,0%	5,5%

2020-04-26	t-3		
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-4		
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-t0)
6,0	0,3	0,0%	5,6%

2020-04-24	t-5		
Total Cases (C)	Total Death (D)	New C	New D
83.899	4.636	15	
Growth C in %	Growth D in %	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 %
6,0	0,3	0,0%	5,1%

2020-04-23	1-6		
Total Cases (C)	Total Death (D)	New C	New D
83.884	4.636	16	
Growth C in %	Growth D %	Double C in days	Double D in d
0,0%	0,0%	3633,7 days	-----
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t)
6,0	0,3	0,0%	5,6

2020-04-22	t-7		
Total Cases (C)	Total Death (D)	New C	New D
83.868	4.636	15	
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-t-7)
6,0	0,3	0,0%	5,6%

One week ago	2020-04-21	t-8		
	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-9		
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-t0)
6,0	0,3	0,0%	5,6%

2020-04-19	t-10		
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-11		
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-12		
Total Cases (C)	Total Death (D)	New C	New D
83,760	4,636	357	1,234
Growth C in %	Growth D %	Double C in days	Double D in %
0,4%	38,6%	162,3 days	2,1 d
Cases per 100K	Deaths per 100K	C of Population	Death Rate %
6,0	0,3	0,0%	5,1%

2020-04-16	t-13		
Total Cases (C)	Total Death (D)	New C	New D
83,403	3,346	47	
Growth C in %	Growth D %	Double C in days	Double D in d
0,1%	0,0%	1229,7 days	-----
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t)
6,0	0,2	0,0%	4,0

2020-04-15	t-14		
Total Cases (C)	Total Death (D)	New C	New D
83,356	3,346	50	
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-14)
6,0	0,2	0,0%	4,0%

Two weeks' ago	2020-04-14	t-15		
	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-16		
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-t0)
5,9	0,02	0,0%	4,1%

2020-04-12	t-17		
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-18		
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-t0)
5,9	0,2	0,0%	4,1%

2020-04-10	t-19		
Total Cases (C)	Total Death (D)	New C	New D
82,941	3,340	58	
Growth C in %	Growth D %	Double C in days	Double D in
0,1%	0,0%	990,9 days	2314,8 d
Cases per 100K	Deaths per 100K	C of Population	Death Rate
5,9	0,2	0,0%	4,

2020-04-09	t-20		
Total Cases (C)	Total Death (D)	New C	New D
82,883	3,339	74	
Growth C in %	Growth D %	Double C in days	Double D in d
0,1%	0,1%	776,0 days	1156,9 da
Cases per 100K	Deaths per 100K	C of Population	Death Rate (%)
5,9	0,2	0,0%	4,1%

2020-04-08		t-21	
Total Cases (C)	Total Death (D)	New C	New D
82.809	3.337	91	
Growth C in %	Growth D %	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-21)
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

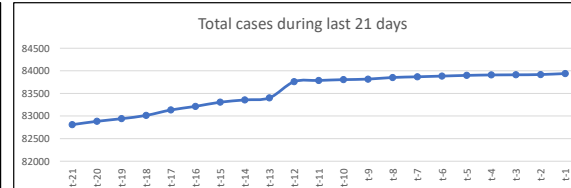
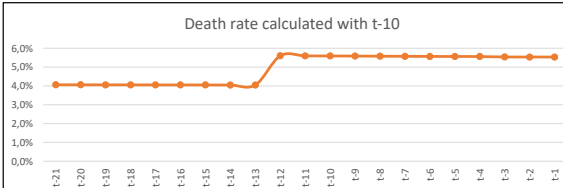
New Death: Compared to the day before

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.



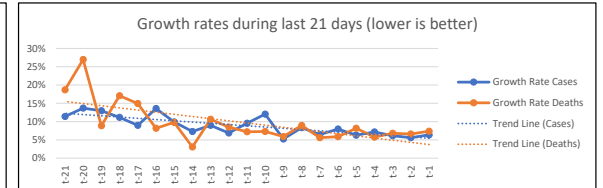
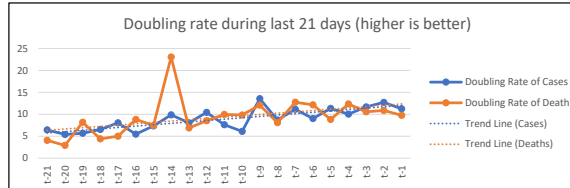
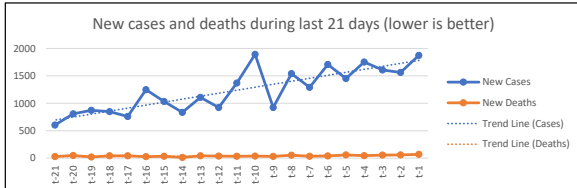
Footnotes:

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):	
2020-04-08		2020-04-28	
Statistic created:		Author:	
2020-04-29		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-30	90	1.368.738.000	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-04-28	t-1		
	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-2		
	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-3		
	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-4		
	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-5		
	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%

	2020-04-23	t-6		
	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-7		
	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%

One week ago	2020-04-21	t-8		
	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-9		
	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-10		
	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-11		
	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-12		
	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-13		
	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-14		
	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%

Two weeks ago	2020-04-14	t-15		
	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-16		
	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-17		
	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-18		
	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-19		
	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-20		
	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-21		
	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%

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

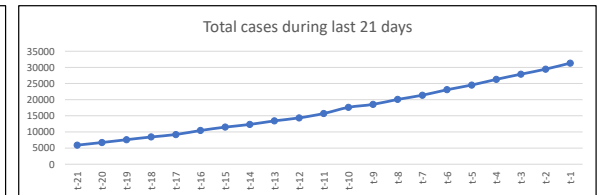
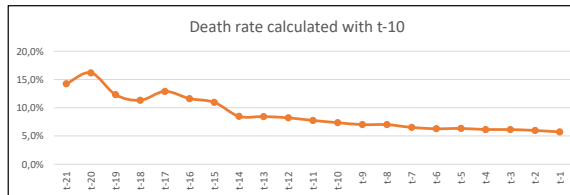
New Death: Compared to the day before

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.



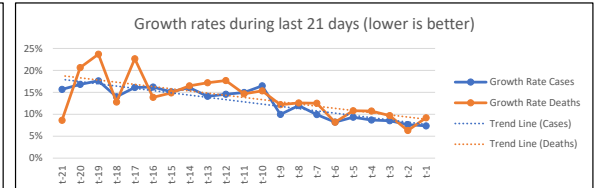
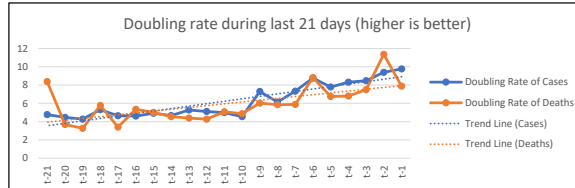
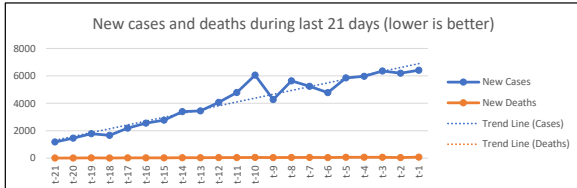
Footnotes:

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 RU (Russia)

RU (Russia)			
Data from (t-21):		Data to (t-1):	
2020-04-08		2020-04-28	
Statistic created:		Author:	
2020-04-29		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-31	89	146.877.088	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-04-28		t-1	
	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-2	
	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-3	
	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-4	
	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-5	
	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%

	2020-04-23		t-6	
	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-7	
	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%

One week ago	2020-04-21		t-8	
	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-9	
	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-10	
	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-11	
	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-12	
	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-13	
	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-14	
	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%

Two weeks ago	2020-04-14		t-15	
	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-16	
	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-17	
	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-18	
	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-19	
	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-20	
	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-21	
	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%

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

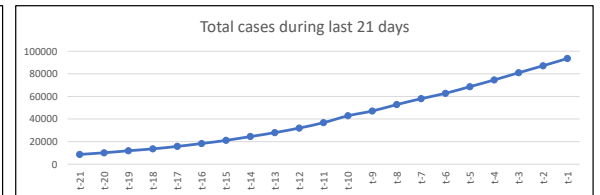
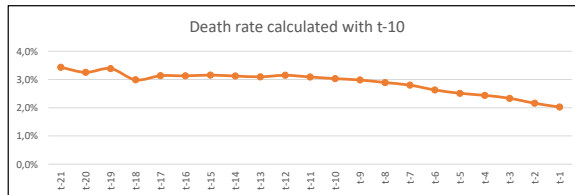
New Death: Compared to the day before

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>