

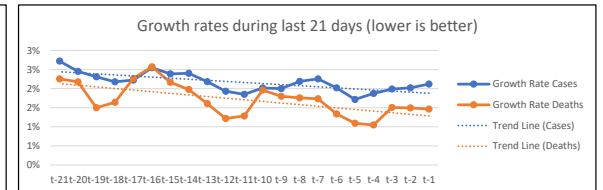
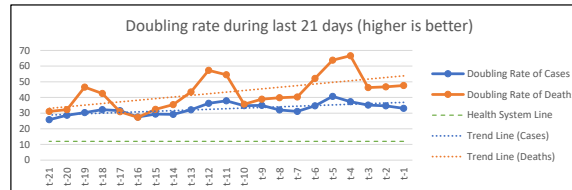
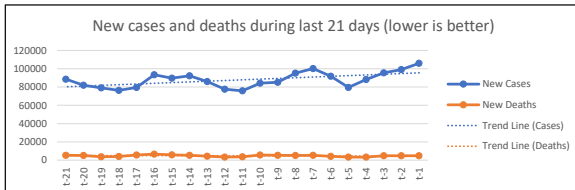
COVID-19 Statistics - Summary

Country / Region	1st Case	Days	Population
WORLD	December 2019	~ 143	7.750.000.000
United States	2020-01-22	121	327.167.434
Germany	2020-01-27	116	83.019.213
Italy	2020-01-31	112	60.262.701
Spain	2020-02-01	111	46.722.980
France	2020-01-24	119	66.993.000
United Kingdom	2020-01-31	112	66.435.550
China	December 2019	~ 143	1.400.050.000
India	2020-01-30	113	1.368.738.000
Russia	2020-01-31	112	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: 2020-05-22	5.208.836	334.862	0,07%	18.340	689						
2020-05-21	5.102.424	332.924	0,07%	105.952	4.809	65,84	4,30	2,12%	1,47%	33,0 days	47,6 days
Live Data: 2020-05-22	1.621.196	96.359	0,50%	294	5						
2020-05-21	1.577.147	94.702	0,48%	25.294	1.263	482,06	28,95	1,63%	1,35%	42,9 days	51,6 days
Live Data: 2020-05-22	228.006	32.486	0,27%	0	0						
2020-05-21	179.021	8.203	0,22%	548	59	215,64	9,88	0,31%	0,72%	226,1 days	96,0 days
Live Data: 2020-05-22	280.117	27.940	0,46%	0	0						
2020-05-21	228.006	32.486	0,38%	642	156	378,35	53,91	0,28%	0,48%	245,8 days	144,0 days
Live Data: 2020-05-22	326.448	3.249	0,70%	8.894	150						
2020-05-21	233.037	27.940	0,50%	482	52	498,76	59,80	0,21%	0,19%	334,8 days	372,1 days
Live Data: 2020-05-22	250.908	36.042	0,37%	1.193	15						
2020-05-21	179.306	28.167	0,27%	237	83	267,65	42,04	0,13%	0,30%	524,1 days	234,9 days
Live Data: 2020-05-22	179.021	8.309	0,27%	0	0						
2020-05-21	252.246	36.124	0,38%	2.627	338	379,69	54,37	1,05%	0,94%	66,2 days	73,7 days
Live Data: 2020-05-22	181.826	28.215	0,01%	0	0						
2020-05-21	84.063	4.638	0,01%	0	0	6,00	0,33	0,00%	0,00%	-----	-----
Live Data: 2020-05-22	82.971	4.634	0,01%	0	0						
2020-05-21	118.226	3.584	0,01%	6.198	150	8,64	0,26	5,53%	4,37%	12,9 days	16,2 days
Live Data: 2020-05-22	119.419	3.599	0,08%	0	0						
2020-05-21	317.554	3.099	0,22%	8.849	127	216,20	2,11	2,87%	4,27%	24,5 days	16,6 days

COVID-19 Statistics WORLD

WORLD			
Data from (t-21):		Data to (t-1):	
2020-05-01		2020-05-21	
Statistic created:		Author:	
2020-05-22		Tom Gries	
1st Case:	Days:	Population ¹ :	
December 2019	~143	7 750.000.000	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-21		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
	5.102.424	332.924	105.952	4.809				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	2,1%	1,5%	33,0 days	47,6 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	65,8	4,3	0,1%	7,8%				

Actual Week	2020-05-20		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
	4.996.472	328.115	98.980	4.830				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	2,0%	1,5%	34,6 days	46,7 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	64,5	4,2	0,1%	7,9%				

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

Actual Week	2020-05-18		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
	4.801.943	318.481	88.323	3.296				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	1,9%	1,0%	37,3 days	66,6 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	62,0	4,1	0,1%	7,9%				

Actual Week	2020-05-17		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
	4.713.620	315.185	79.552	3.404				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	1,7%	1,1%	40,7 days	63,8 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	60,8	4,1	0,1%	8,0%				

Actual Week	2020-05-16		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
	4.634.068	311.781	91.721	4.115				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	2,0%	1,3%	34,7 days	52,2 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	59,8	4,0	0,1%	8,1%				

Actual Week	2020-05-15		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
	4.542.347	307.666	100.184	5.248				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	2,3%	1,7%	31,1 days	40,3 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	58,6	4,0	0,1%	8,2%				

One week ago	2020-05-14		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
	4.442.163	302.418	95.145	5.221				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	2,2%	1,8%	32,0 days	39,8 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	57,3	3,9	0,1%	8,3%				

One week ago	2020-05-13		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
	4.347.018	297.197	85.271	5.255				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	2,0%	1,8%	35,0 days	38,9 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	56,1	3,8	0,1%	8,3%				

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

One week ago	2020-05-11		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
	4.177.502	286.330	75.803	3.621				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	1,8%	1,3%	37,9 days	54,5 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	53,9	3,7	0,1%	8,4%				

One week ago	2020-05-10		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
	4.101.699	282.709	77.690	3.398				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	1,9%	1,2%	36,2 days	57,3 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	52,9	3,6	0,1%	8,5%				

One week ago	2020-05-09		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
	4.024.009	279.311	85.945	4.413				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	2,2%	1,6%	32,1 days	43,5 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	51,9	3,6	0,1%	8,6%				

One week ago	2020-05-08		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
	3.938.064	274.898	92.346	5.331				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	2,4%	2,0%	29,2 days	35,4 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	50,8	3,5	0,1%	8,7%				

Two weeks ago	2020-05-07		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
	3.845.718	269.567	89.649	5.712				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	2,4%	2,2%	29,4 days	32,4 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	49,6	3,5	0,0%	8,7%				

Two weeks ago	2020-05-06		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
	3.756.069	263.855	93.378	6.616				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	2,5%	2,6%	27,5 days	27,3 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	48,5	3,4	0,0%	8,7%				

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

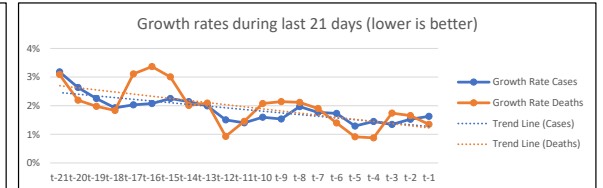
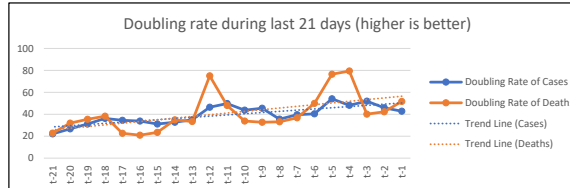
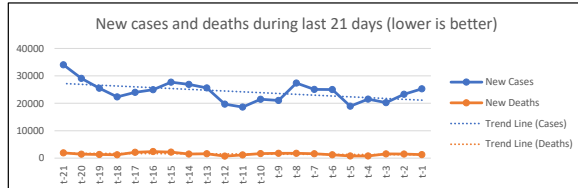
Two weeks ago	2020-05-04		t-18		New C		New D	
	Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
	3.583.055	251.537	76.326	4.067				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	2,2%	1,6%	32,2 days	42,5 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	46,2	3,2	0,0%	8,7%				

Two weeks ago	2020-05-03		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
	3.506.729	247.470	79.145	3.657				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	2,3%	1,5%	30,4 days	46,6 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	45,2	3,2	0,0%	8,9%				

Two weeks ago	2020-05-02		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
	3.427.584	243.813	82.026	5.194				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	2,5%	2,2%	28,6 days	32,2 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	44,2	3,1	0,0%	9,0%				</

COVID-19 Statistics US (United States)

US (United States)			
Data from (t-21):		Data to (t-1):	
2020-05-01		2020-05-21	
Statistic created:		Author:	
2020-05-22		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-22	121	327.167.434	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-21		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	1.577.147	94.702	25.294	1.263
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,6%	1,4%	42,9 days	51,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	482,1	28,9	0,5%	6,9%

	2020-05-20		t-2	
	Total Cases (C)	Total Death (D)	New C	New D
	1.551.853	93.439	23.285	1.518
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,5%	1,7%	45,8 days	42,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	474,3	28,6	0,5%	6,9%

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

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

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

	2020-05-16		t-6	
	Total Cases (C)	Total Death (D)	New C	New D
	1.467.820	88.754	24.996	1.224
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,7%	1,4%	40,4 days	49,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	448,6	27,1	0,4%	7,1%

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

One week ago	2020-05-14		t-8	
	Total Cases (C)	Total Death (D)	New C	New D
	1.417.774	85.898	27.368	1.779
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,0%	2,1%	35,6 days	33,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	433,3	26,3	0,4%	7,1%

	2020-05-13		t-9	
	Total Cases (C)	Total Death (D)	New C	New D
	1.390.406	84.119	21.030	1.763
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,5%	2,1%	45,5 days	32,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	425,0	25,7	0,4%	7,1%

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

	2020-05-11		t-11	
	Total Cases (C)	Total Death (D)	New C	New D
	1.347.881	80.682	18.621	1.156
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,4%	1,5%	49,8 days	48,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	412,0	24,7	0,4%	7,1%

	2020-05-10		t-12	
	Total Cases (C)	Total Death (D)	New C	New D
	1.329.260	79.526	19.710	731
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,5%	0,9%	46,4 days	75,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	406,3	24,3	0,4%	7,2%

	2020-05-09		t-13	
	Total Cases (C)	Total Death (D)	New C	New D
	1.309.550	78.795	25.621	1.615
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,0%	2,1%	35,1 days	33,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	400,3	24,1	0,4%	7,4%

	2020-05-08		t-14	
	Total Cases (C)	Total Death (D)	New C	New D
	1.283.929	77.180	26.906	1.518
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,1%	2,0%	32,7 days	34,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	392,4	23,6	0,4%	7,4%

Two weeks ago	2020-05-07		t-15	
	Total Cases (C)	Total Death (D)	New C	New D
	1.257.023	75.662	27.692	2.207
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,3%	3,0%	31,1 days	23,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	384,2	23,1	0,4%	7,5%

	2020-05-06		t-16	
	Total Cases (C)	Total Death (D)	New C	New D
	1.229.331	73.455	24.980	2.391
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,1%	3,4%	33,8 days	20,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	375,7	22,5	0,4%	7,4%

	2020-05-05		t-17	
	Total Cases (C)	Total Death (D)	New C	New D
	1.204.351	71.064	23.976	2.142
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,0%	3,1%	34,5 days	22,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	368,1	21,7	0,4%	7,4%

	2020-05-04		t-18	
	Total Cases (C)	Total Death (D)	New C	New D
	1.180.375	68.922	22.335	1.240
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,9%	1,8%	36,3 days	38,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	360,8	21,1	0,4%	7,3%

	2020-05-03		t-19	
	Total Cases (C)	Total Death (D)	New C	New D
	1.158.040	67.682	25.501	1.313
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,3%	2,0%	31,1 days	35,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	354,0	20,7	0,4%	7,5%

	2020-05-02		t-20	
	Total Cases (C)	Total Death (D)	New C	New D
	1.132.539	66.369	29.078	1.426
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,6%	2,2%	26,6 days	31,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	346,2	20,3	0,3%	7,6%

	2020-05-01		t-21	
	Total Cases (C)	Total Death (D)	New C	New D
	1.103.461	64.943	34.037	1.947
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,2%	3,1%	22,1 days	22,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	337,3	19,9	0,3%	7,7%

Explanations:

Cases = C

Death(s) = D

t-1: Most recent day in report

t-21: Last day in report

New Cases: Compared to the day before

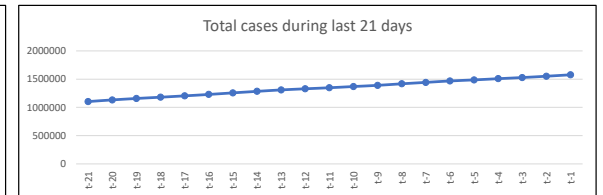
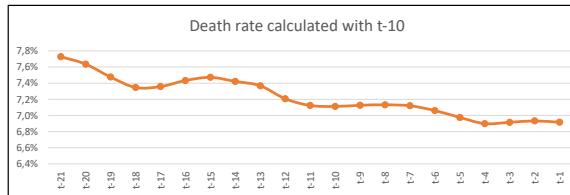
New Death: Compared to the day before

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

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



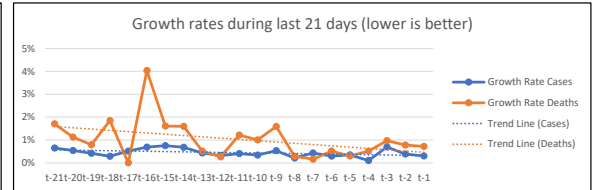
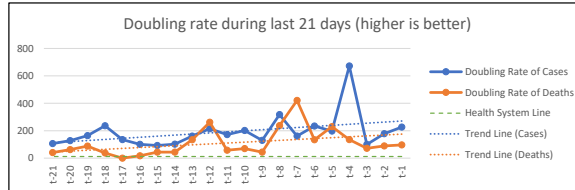
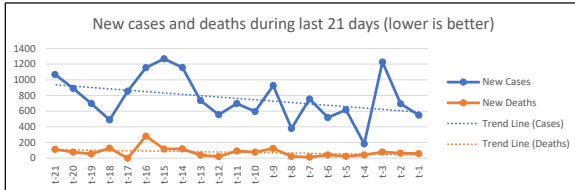
Footnotes:

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):	
2020-05-01		2020-05-21	
Statistic created:		Author:	
2020-05-22		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-27	116	83.019.213	
Sources of data ² :		Template:	
http://homo-one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-21		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
	179.021	8.203	548	59				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,3%	0,7%	226,1 days	96,0 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	215,6	9,9	0,2%	4,7%				

	2020-05-20		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
	178.473	8.144	695	63				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,4%	0,8%	177,7 days	89,3 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	215,0	9,8	0,2%	4,7%				

	2020-05-19		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
	177.778	8.081	1.227	78				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,7%	1,0%	100,1 days	71,5 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	214,1	9,7	0,2%	4,7%				

	2020-05-18		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
	176.551	8.003	182	41				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,1%	0,5%	672,0 days	135,0 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	212,7	9,6	0,2%	4,7%				

	2020-05-17		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
	176.369	7.962	617	24				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,4%	0,3%	197,8 days	229,6 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	212,4	9,6	0,2%	4,7%				

	2020-05-16		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
	175.752	7.938	519	41				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,3%	0,5%	234,4 days	133,9 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	211,7	9,6	0,2%	4,7%				

	2020-05-15		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
	175.233	7.897	755	13				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,4%	0,2%	160,5 days	420,7 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	211,1	9,5	0,2%	4,7%				

One week ago	2020-05-14		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
	174.478	7.884	380	23				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,2%	0,3%	317,9 days	237,3 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	210,2	9,5	0,2%	4,7%				

	2020-05-13		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
	174.098	7.861	927	123				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,5%	1,6%	129,8 days	44,0 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	209,7	9,5	0,2%	4,7%				

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

	2020-05-11		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
	172.576	7.661	697	92				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,4%	1,2%	171,3 days	57,4 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	207,9	9,2	0,2%	4,6%				

	2020-05-10		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
	171.879	7.569	555	20				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,3%	0,3%	214,3 days	262,0 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	207,0	9,1	0,2%	4,6%				

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

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

Two weeks ago	2020-05-07		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
	169.430	7.392	1.268	117				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,8%	1,6%	92,3 days	43,4 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	204,1	8,9	0,2%	4,6%				

	2020-05-06		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
	168.162	7.275	1.155	282				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,7%	4,0%	100,6 days	17,5 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	202,6	8,8	0,2%	4,6%				

	2020-05-05		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
	167.007	6.993	855	0				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,5%	0,0%	135,0 days	-----				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	201,2	8,4	0,2%	4,4%				

	2020-05-04		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
	166.152	6.993	488	127				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,3%	1,8%	235,7 days	37,8 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	200,1	8,4	0,2%	4,5%				

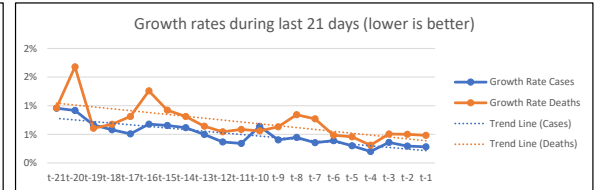
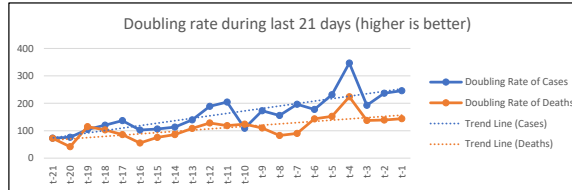
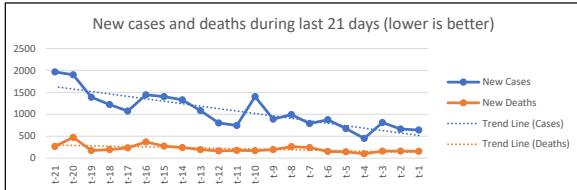
	2020-05-03		t-19		New C		New D	
	Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
	165.664	6.866	697	54				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,4%	0,8%	164,4 days	87,8 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	199,5	8,3	0,2%	4,4%				

	2020-05-02		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
	164.967	6.812	890	76				
	Growth C in %	Growth D %	Double C in days	Double D in days				
	0,5%	1,1%	128,1 days	61,8 days				
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)				
	198,7	8,2	0,2%	4,4%				

2020-05-01		t-21	
Total Cases (C)	Total Death (D)	New C	New D
164.077	6.736	1.068	113
Growth C in %	Growth D %	Double C in days	Double D in days
0,7%	1,7%	106,1 days	41,0 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
197,6	8,1	0,2%	4,5%

COVID-19 Statistics IT (Italy)

IT (Italy)			
Data from (t-21):		Data to (t-1):	
2020-05-01		2020-05-21	
Statistic created:		Author:	
2020-05-22		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-31	112	60.262.701	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-21		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	228.006	32.486	642	156
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,3%	0,5%	245,8 days	144,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	378,4	53,9	0,4%	14,7%

	2020-05-20		t-2	
	Total Cases (C)	Total Death (D)	New C	New D
	227.364	32.330	665	161
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,3%	0,5%	236,6 days	138,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	377,3	53,6	0,4%	14,7%

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

	2020-05-18		t-4	
	Total Cases (C)	Total Death (D)	New C	New D
	225.886	32.007	451	99
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,2%	0,3%	346,8 days	223,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	374,8	53,1	0,4%	14,7%

	2020-05-17		t-5	
	Total Cases (C)	Total Death (D)	New C	New D
	225.435	31.908	675	145
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,3%	0,5%	231,1 days	152,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	374,1	52,9	0,4%	14,7%

	2020-05-16		t-6	
	Total Cases (C)	Total Death (D)	New C	New D
	224.760	31.763	875	153
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,4%	0,5%	177,7 days	143,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	373,0	52,7	0,4%	14,7%

	2020-05-15		t-7	
	Total Cases (C)	Total Death (D)	New C	New D
	223.885	31.610	789	242
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,4%	0,8%	196,3 days	90,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	371,5	52,5	0,4%	14,7%

One week ago	2020-05-14		t-8	
	Total Cases (C)	Total Death (D)	New C	New D
	223.096	31.368	992	262
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,4%	0,8%	155,5 days	82,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	370,2	52,1	0,4%	14,7%

	2020-05-13		t-9	
	Total Cases (C)	Total Death (D)	New C	New D
	222.104	31.106	888	195
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,4%	0,6%	173,0 days	110,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	368,6	51,6	0,4%	14,7%

	2020-05-12		t-10	
	Total Cases (C)	Total Death (D)	New C	New D
	221.216	30.911	1.402	172
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,6%	0,6%	109,0 days	124,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	367,1	51,3	0,4%	14,7%

	2020-05-11		t-11	
	Total Cases (C)	Total Death (D)	New C	New D
	219.814	30.739	744	179
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,3%	0,6%	204,4 days	118,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	364,8	51,0	0,4%	14,7%

	2020-05-10		t-12	
	Total Cases (C)	Total Death (D)	New C	New D
	219.070	30.560	802	165
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,4%	0,5%	189,0 days	128,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	363,5	50,7	0,4%	14,7%

	2020-05-09		t-13	
	Total Cases (C)	Total Death (D)	New C	New D
	218.268	30.395	1.083	194
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,5%	0,6%	139,4 days	108,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	362,2	50,4	0,4%	14,8%

	2020-05-08		t-14	
	Total Cases (C)	Total Death (D)	New C	New D
	217.185	30.201	1.327	243
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,6%	0,8%	113,1 days	85,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	360,4	50,1	0,4%	14,8%

Two weeks ago	2020-05-07		t-15	
	Total Cases (C)	Total Death (D)	New C	New D
	215.858	29.958	1.401	274
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,7%	0,9%	106,4 days	75,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	358,2	49,7	0,4%	14,9%

	2020-05-06		t-16	
	Total Cases (C)	Total Death (D)	New C	New D
	214.457	29.684	1.444	369
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,7%	1,3%	102,6 days	55,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	355,9	49,3	0,4%	14,9%

	2020-05-05		t-17	
	Total Cases (C)	Total Death (D)	New C	New D
	213.013	29.315	1.075	236
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,5%	0,8%	137,0 days	85,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	353,5	48,6	0,4%	14,8%

	2020-05-04		t-18	
	Total Cases (C)	Total Death (D)	New C	New D
	211.938	29.079	1.221	195
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,6%	0,7%	120,0 days	103,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	351,7	48,3	0,4%	14,9%

	2020-05-03		t-19	
	Total Cases (C)	Total Death (D)	New C	New D
	210.717	28.884	1.389	174
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,7%	0,6%	104,8 days	114,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	349,7	47,9	0,3%	15,0%

	2020-05-02		t-20	
	Total Cases (C)	Total Death (D)	New C	New D
	209.328	28.710	1.900	474
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,9%	1,7%	76,0 days	41,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	347,4	47,6	0,3%	15,1%

	2020-05-01		t-21	
	Total Cases (C)	Total Death (D)	New C	New D
	207.428	28.236	1.965	269
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,0%	1,0%	72,8 days	72,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	344,2	46,9	0,3%	15,1%

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

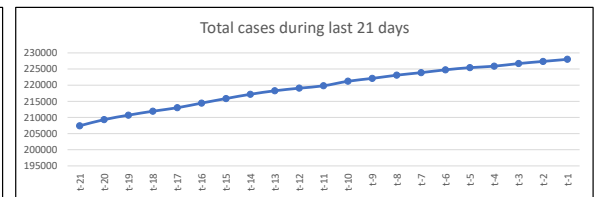
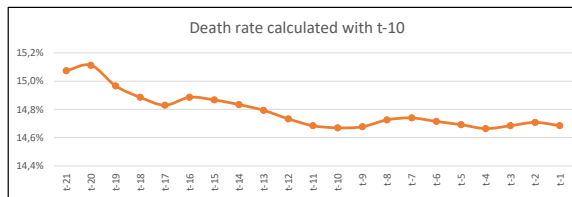
New Death: Compared to the day before

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.



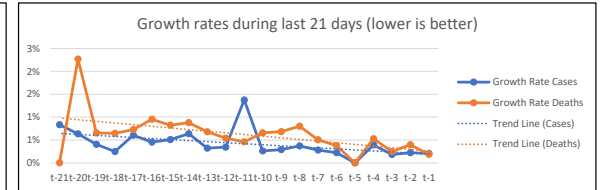
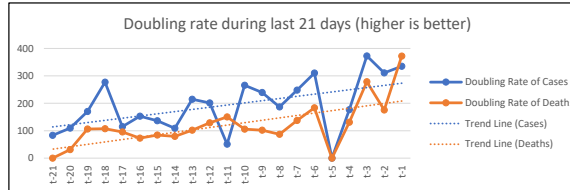
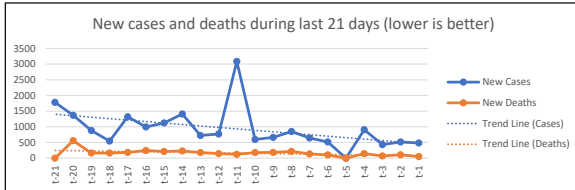
Footnotes:

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 ES (Spain)

ES (Spain)			
Data from (t-21):		Data to (t-1):	
2020-05-01		2020-05-21	
Statistic created:		Author:	
2020-05-22		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-02-01	111	46.722.980	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-21		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	233.037	27.940	482	52
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,2%	0,2%	334,8 days	372,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	498,8	59,8	0,5%	12,3%

	2020-05-20		t-2	
	Total Cases (C)	Total Death (D)	New C	New D
	232.555	27.888	518	110
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,2%	0,4%	310,8 days	175,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	497,7	59,7	0,5%	12,3%

	2020-05-19		t-3	
	Total Cases (C)	Total Death (D)	New C	New D
	232.037	27.778	431	69
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,2%	0,2%	372,8 days	278,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	496,6	59,5	0,5%	12,4%

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

	2020-05-17		t-5	
	Total Cases (C)	Total Death (D)	New C	New D
	230.698	27.563	0	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	-----	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	493,8	59,0	0,5%	12,4%

	2020-05-16		t-6	
	Total Cases (C)	Total Death (D)	New C	New D
	230.698	27.563	515	104
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,2%	0,4%	310,2 days	183,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	493,8	59,0	0,5%	12,4%

	2020-05-15		t-7	
	Total Cases (C)	Total Death (D)	New C	New D
	230.183	27.459	643	138
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,3%	0,5%	247,8 days	137,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	492,7	58,8	0,5%	12,5%

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

	2020-05-13		t-9	
	Total Cases (C)	Total Death (D)	New C	New D
	228.691	27.104	661	184
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,3%	0,7%	239,5 days	101,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	489,5	58,0	0,5%	12,4%

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

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

	2020-05-10		t-12	
	Total Cases (C)	Total Death (D)	New C	New D
	224.350	26.621	772	143
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,3%	0,5%	201,1 days	128,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	480,2	57,0	0,5%	12,4%

	2020-05-09		t-13	
	Total Cases (C)	Total Death (D)	New C	New D
	223.578	26.478	721	179
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,3%	0,7%	214,6 days	102,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	478,5	56,7	0,5%	12,4%

	2020-05-08		t-14	
	Total Cases (C)	Total Death (D)	New C	New D
	222.857	26.299	1.410	229
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,6%	0,9%	109,2 days	79,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	477,0	56,3	0,5%	12,4%

Two weeks ago	2020-05-07		t-15	
	Total Cases (C)	Total Death (D)	New C	New D
	221.447	26.070	1.122	213
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,5%	0,8%	136,5 days	84,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	474,0	55,8	0,5%	12,4%

	2020-05-06		t-16	
	Total Cases (C)	Total Death (D)	New C	New D
	220.325	25.857	996	244
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,5%	1,0%	153,0 days	73,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	471,6	55,3	0,5%	12,3%

	2020-05-05		t-17	
	Total Cases (C)	Total Death (D)	New C	New D
	219.329	25.613	1.318	185
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,6%	0,7%	115,0 days	95,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	469,4	54,8	0,5%	12,3%

	2020-05-04		t-18	
	Total Cases (C)	Total Death (D)	New C	New D
	218.011	25.428	545	164
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,3%	0,6%	276,9 days	107,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	466,6	54,4	0,5%	12,3%

	2020-05-03		t-19	
	Total Cases (C)	Total Death (D)	New C	New D
	217.466	25.264	884	164
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,4%	0,7%	170,2 days	106,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	465,4	54,1	0,5%	12,4%

	2020-05-02		t-20	
	Total Cases (C)	Total Death (D)	New C	New D
	216.582	25.100	1.366	557
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,6%	2,3%	109,6 days	30,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	463,5	53,7	0,5%	11,8%

	2020-05-01		t-21	
	Total Cases (C)	Total Death (D)	New C	New D
	215.216	24.543	1.781	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,8%	0,0%	83,4 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	460,6	52,5	0,5%	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

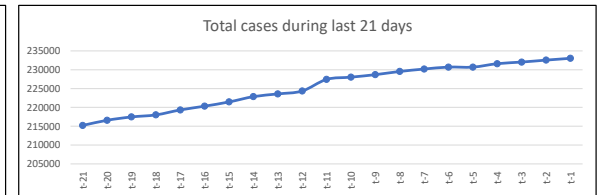
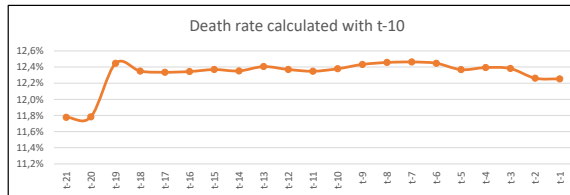
New Death: Compared to the day before

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.



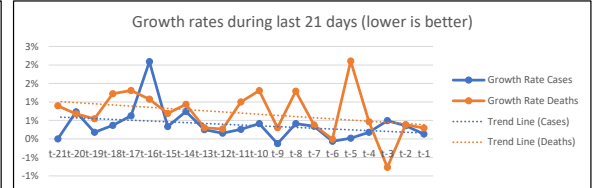
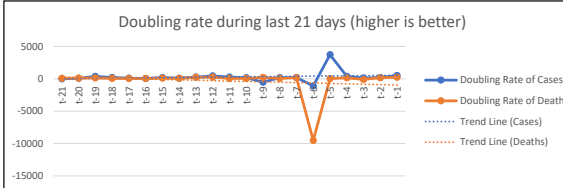
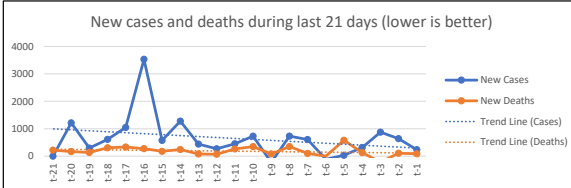
Footnotes:

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):	
2020-05-01		2020-05-21	
Statistic created:		Author:	
2020-05-22		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-24	119	66.993.000	
Sources of data ² :		Template:	A-20-04-08
http://tomo.one/COVID-19-statistic			



Actual Week	2020-05-21		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	179,306	28.167	237	83
	Growth C in %	Growth D in %	Double C in days	Double D in days
	0,1%	0,3%	524,1 days	234,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	267,6	42,0	0,3%	16,0%

2020-05-20	t-2		
Total Cases (C)	Total Death (D)	New C	New D
179.069	28.084	641	108
Growth C in %	Growth D %	Double C in days	Double D in days
0,4%	0,4%	193,3 days	179,9 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t0)
267,3	41,9	0,3%	16,0%

2020-05-19	t-3		
Total Cases (C)	Total Death (D)	New C	New D
178.428	27.976	874	-217
Growth C in %	Growth D %	Double C in days	Double D in days
0,5%	-0,8%	141,2 days	-89,7 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t0)
266,3	41,8	0,3%	16,0%

2020-05-18	t-4		
Total Cases (C)	Total Death (D)	New C	New D
177,554	28.193	314	131
Growth C in %	Growth D %	Double C in days	Double D in days
0,2%	0,5%	391,6 days	148,8 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t0)
265,0	42,1	0,3%	16,1%

2020-05-17	t-5		
Total Cases (C)	Total Death (D)	New C	New D
177.240	28.062	33	57
Growth C in %	Growth D in %	Double C in days	Double D in days
0,0%	2,1%	3722,5 days	33,2 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-1)
264,6	41,9	0,3%	16,1%

2020-05-16	t-6		
Total Cases (C)	Total Death (D)	New C	New D
177.207	27.483	-112	-
Growth C in %	Growth D in %	Double C in days	Double D in days
-0,1%	0,0%	#####	#####
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-6)
264,5	41,0	0,3%	15,9%

2020-05-15	t-7		
Total Cases (C)	Total Death (D)	New C	New D
177,319	27,485	607	104
Growth C in %	Growth D %	Double C in days	Double D in days
0,3%	0,4%	202,1 days	182,8 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t0)
264,7	41,0	0,3%	15,9%

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

2020-05-13	t-9		
Total Cases (C)	Total Death (D)	New C	New D
175,981	27,032	-226	81
Growth C in %	Growth D %	Double C in days	Double D in days
-0.1%	0.3%	-540.1 days	231.0 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
262.7	40.4	0.3%	16.1%

2020-05-12	t-10		
Total Cases (C)	Total Death (D)	New C	New D
176,207	26,951	728	347
Growth C in %	Growth D in %	Double C in days	Double D in days
0,4%	1,3%	167,4 days	53,5 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
263,0	40,2	0,3%	16,1%

2020-05-11	t-11		
Total Cases (C)	Total Death (D)	New C	New D
175,479	26,604	452	263
Growth C in %	Growth D %	Double C in days	Double D in days
0,3%	1,0%	268,8 days	69,8 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
261,9	39,7	0,3%	15,9%

2020-05-10	t-12		
Total Cases (C)	Total Death (D)	New C	New D
175.027	26.341	269	7
Growth C in %	Growth D %	Double C in days	Double D in days
0,2%	0,3%	450,7 days	260,5 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-12)
261,3	39,3	0,3%	15,9%

2020-05-09	t-13		
Total Cases (C)	Total Death (D)	New C	New D
174,758	26,271	440	7
Growth C in %	Growth D %	Double C in days	Double D in days
0,3%	0,3%	275,0 days	230,2 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-1)
260,9	39,2	0,3%	15,8%

2020-05-08		t-14	
Total Cases (C)	Total Death (D)	New C	New D
174.318	26.192	1.278	243
Growth C in %	Growth D %	Double C in days	Double D in days
0,7%	0,9%	94,2 days	74,4 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
260,2	39,1	0,3%	15,9%

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

2020-05-06	t-16		
Total Cases (C)	Total Death (D)	New C	New D
172,465	25,772	3,530	274
Growth C in %	Growth D in %	Double C in days	Double D in days
2,1%	1,1%	33,5 days	64,8 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
257,4	38,5	0,3%	15,7%

2020-05-05	t-17		
Total Cases (C)	Total Death (D)	New C	New D
168,935	25,498	1,049	330
Growth C in %	Growth D in %	Double C in days	Double D in days
0,6%	1,3%	111,3 days	53,2 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
252,2	38,1	0,3%	15,9%

2020-05-04	t-18		
Total Cases (C)	Total Death (D)	New C	New D
167,886	25,168	614	304
Growth C in %	Growth D %	Double C in days	Double D in days
0,4%	1,2%	189,2 days	57,0 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-18)
250,6	37,6	0,3%	15,7%

2020-05-03	t-19		
Total Cases (C)	Total Death (D)	New C	New D
167,272	24,864	296	13
Growth C in %	Growth D in %	Double C in days	Double D in days
0,2%	0,5%	391,4 days	127,3 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-1)
249,7	37,1	0,2%	15,7%

2020-05-02	t-20		
Total Cases (C)	Total Death (D)	New C	New D
166,976	24,729	1,212	16,929
Growth C in %	Growth D in %	Double C in days	Double D in days
0,7%	0,7%	95,1 days	102,9 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-20)
249,2	36,9	0,2%	15,7%

2020-05-01	t-21		
Total Cases (C)	Total Death (D)	New C	New D
165.764	24.563	0	218
Growth C in %	Growth D in %	Double C in days	Double D in days
0,0%	0,9%	-----	77,8 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t0)
247,4	36,7	0,2%	15,9%

Explanations:

Cases = C

Death(s) = D

t-1: Most recent day in report

t-21: Last day in report

New Cases: Compared to the day before

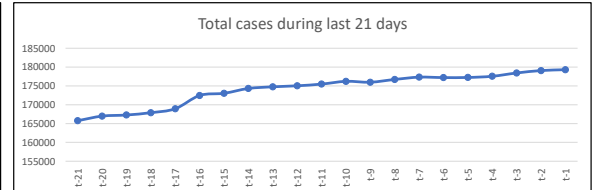
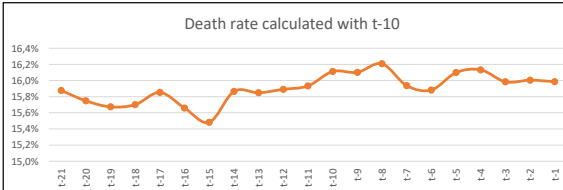
New Death: Compared to the day before

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

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

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

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



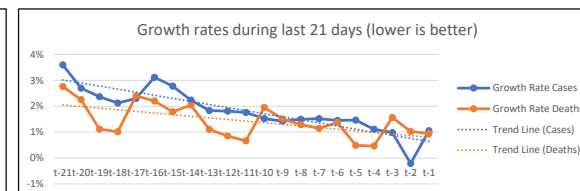
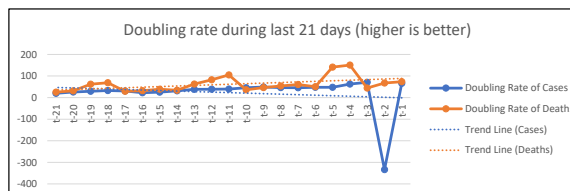
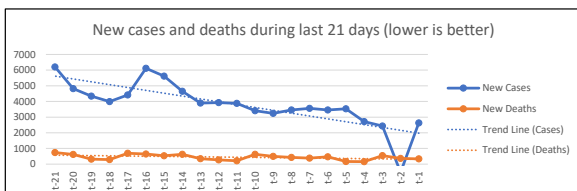
Footnotes:

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-121):	Data to (t-1):
2020-05-01	2020-05-21
Statistic created:	Author:
2020-05-22	Tom Gries
1st Case:	Population ¹ :
2020-01-31	66.435.550
Sources of data ² :	Template:
http://tomo.one/COVID-19-statistic	A-20-04-08



Actual Week	2020-05-21	t-1		
	Total Cases (C)	Total Death (D)	New C	New D
	252.246	36.124	2.627	338
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,1%	0,9%	66,2 days	73,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	379,7	54,4	0,4%	15,9%

2020-05-20	t-2		
Total Cases (C)	Total Death (D)	New C	New D
249.619	35.786	-519	364
Growth C in %	Growth D %	Double C in days	Double D in days
-0,2%	1,0%	-333,7 days	67,8 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
375,7	53,9	0,4%	16,0%

2020-05-19	t-3		
Total Cases (C)	Total Death (D)	New C	New D
250.138	35.422	2.429	546
Growth C in %	Growth D %	Double C in days	Double D in days
1,0%	1,6%	71,0 days	44,6 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t0)
376,5	53,3	0,4%	16,1%

2020-05-18	t-4		
Total Cases (C)	Total Death (D)	New C	New D
247.709	34.876	2.714	160
Growth C in %	Growth D %	Double C in days	Double D in days
1,1%	0,5%	62,9 days	150,7 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
372,9	52,5	0,4%	16,1%

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

2020-05-16	t-6		
Total Cases (C)	Total Death (D)	New C	New D
241,461	34,546	3,457	468
Growth C in %	Growth D %	Double C in days	Double D in days
1,5%	1,4%	48,1 days	50,8 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
363,5	52,0	0,4%	16,6%

2020-05-15	t-7		
Total Cases (C)	Total Death (D)	New C	New D
238.004	34.078	3.564	385
Growth C in %	Growth D %	Double C in days	Double D in days
1,5%	1,1%	45,9 days	61,0 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
358,2	51,3	0,4%	16,8%

One week ago	2020-05-14	t-8		
	Total Cases (C)	Total Death (D)	New C	New D
	234.440	33.693	3.455	429
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,5%	1,3%	46,7 days	54,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	352,9	50,7	0,4%	17,2%

2020-05-13	t-9		
Total Cases (C)	Total Death (D)	New C	New D
230.985	33.264	3.244	495
Growth C in %	Growth D in %	Double C in days	Double D in days
1,4%	1,5%	49,0 days	46,2 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
347,7	50,1	0,3%	17,3%

2020-05-12	t-10		
Total Cases (C)	Total Death (D)	New C	New D
227.741	32.769	3.409	628
Growth C in %	Growth D in %	Double C in days	Double D in days
1,5%	2,0%	46,0 days	35,8 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
342,8	49,3	0,3%	17,4%

2020-05-11	t-11		
Total Cases (C)	Total Death (D)	New C	New D
224,332	32,141	3,883	211
Growth C in %	Growth D %	Double C in days	Double D in days
1,8%	0,7%	39,7 days	105,2 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
337,7	48,4	0,3%	17,5%

2020-05-10	t-12		
Total Cases (C)	Total Death (D)	New C	New D
220.449	31.930	3.924	268
Growth C in %	Growth D %	Double C in days	Double D in days
1,8%	0,8%	38,6 days	82,2 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
331,8	48,1	0,3%	17,9%

2020-05-09	t-13		
Total Cases (C)	Total Death (D)	New C	New D
216,525	31,662	3,896	346
Growth C in %	Growth D %	Double C in days	Double D in days
1,8%	1,1%	38,2 days	63,1 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
325,9	47,7	0,3%	18,4%

2020-05-08	t-14		
Total Cases (C)	Total Death (D)	New C	New D
212,629	31,316	4,652	627
Growth C in %	Growth D %	Double C in days	Double D in days
2,2%	2,0%	31,3 days	34,3 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-14)
320,1	47,1	0,3%	18,8%

Two weeks ago	2020-05-07		t-15	
	Total Cases (C)	Total Death (D)	New C	New D
	207.977	30.689	5.618	539
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,8%	1,8%	25,3 days	39,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-t0)
	313,1	46,2	0,3%	18,9%

2020-05-06	t-16		
Total Cases (C)	Total Death (D)	New C	New D
202,359	30,150	6,116	649
Growth C in %	Growth D in %	Double C in days	Double D in days
3,1%	2,2%	22,6 days	31,9 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
304,6	45,4	0,3%	19,0%

2020-05-05	t-17		
Total Cases (C)	Total Death (D)	New C	New D
196.243	29.501	4.411	692
Growth C in %	Growth D %	Double C in days	Double D in days
2,3%	2,4%	30,5 days	29,2 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
295,4	44,4	0,3%	19,2%

2020-05-04	t-18		
Total Cases (C)	Total Death (D)	New C	New D
191.832	28.809	3.990	289
Growth C in %	Growth D %	Double C in days	Double D in days
2,1%	1,0%	33,0 days	68,7 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
288,7	43,4	0,3%	19,3%

2020-05-03	t-19		
Total Cases (C)	Total Death (D)	New C	New D
187,842	28,520	4,342	315
Growth C in %	Growth D %	Double C in days	Double D in days
2,4%	1,1%	29,6 days	62,4 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
282,7	42,9	0,3%	19,7%

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

2020-05-01	t-21		
Total Cases (C)	Total Death (D)	New C	New D
178,685	27,583	6,204	741
Growth C in %	Growth D %	Double C in days	Double D in days
3,6%	2,8%	19,6 days	25,5 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
269,0	41,5	0,3%	20,5%

Explanations:

Cases = C

Death(s) = D

t-1:

t-21: Last day in report

New Cases: Compared to the

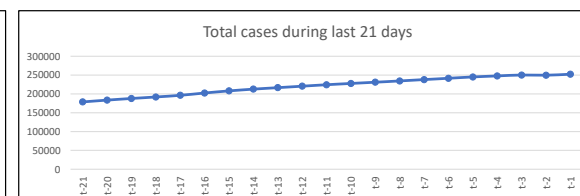
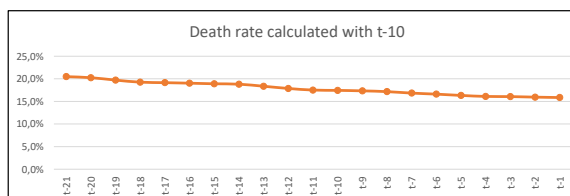
New Death: Compared to the day before

Growth Rate: Groth rate compared to the c

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

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

CFR: Case Fatality Rate (letality). Not used because this can be com



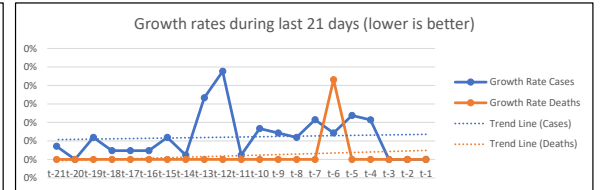
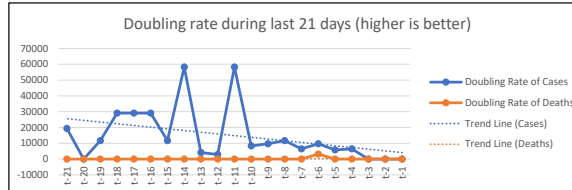
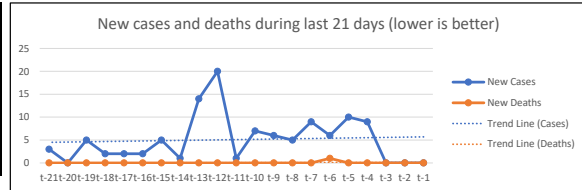
Footnotes:

¹ Population from Wikipedia (DE)

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

COVID-19 Statistics CN (China)

CN (China)			
Data from (t-21):		Data to (t-1):	
2020-05-01		2020-05-21	
Statistic created:		Author:	
2020-05-22		Tom Gries	
1st Case:		Population ¹ :	
December 2019		~143	
Days:		1.400.050.000	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-21	t-1		
	Total Cases (C)	Total Death (D)	New C	New D
	84.063	4.638	0	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	-----	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-20	t-2		
	Total Cases (C)	Total Death (D)	New C	New D
	84.063	4.638	0	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	-----	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-19	t-3		
	Total Cases (C)	Total Death (D)	New C	New D
	84.063	4.638	0	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	-----	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-18	t-4		
	Total Cases (C)	Total Death (D)	New C	New D
	84.063	4.638	9	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	6473,9 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-17	t-5		
	Total Cases (C)	Total Death (D)	New C	New D
	84.054	4.638	10	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	5825,8 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-16	t-6		
	Total Cases (C)	Total Death (D)	New C	New D
	84.044	4.638	6	1
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	9708,8 days	3214,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-15	t-7		
	Total Cases (C)	Total Death (D)	New C	New D
	84.038	4.637	9	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	6472,0 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

One week ago	2020-05-14	t-8		
	Total Cases (C)	Total Death (D)	New C	New D
	84.029	4.637	5	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	#####	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-13	t-9		
	Total Cases (C)	Total Death (D)	New C	New D
	84.024	4.637	6	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	9706,5 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-12	t-10		
	Total Cases (C)	Total Death (D)	New C	New D
	84.018	4.637	7	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	8319,2 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

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

	2020-05-10	t-12		
	Total Cases (C)	Total Death (D)	New C	New D
	84.010	4.637	20	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	2911,2 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-09	t-13		
	Total Cases (C)	Total Death (D)	New C	New D
	83.990	4.637	14	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	4158,0 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-08	t-14		
	Total Cases (C)	Total Death (D)	New C	New D
	83.976	4.637	1	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	#####	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

Two weeks ago	2020-05-07	t-15		
	Total Cases (C)	Total Death (D)	New C	New D
	83.975	4.637	5	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	#####	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-06	t-16		
	Total Cases (C)	Total Death (D)	New C	New D
	83.970	4.637	2	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	#####	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-05	t-17		
	Total Cases (C)	Total Death (D)	New C	New D
	83.968	4.637	2	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	#####	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-04	t-18		
	Total Cases (C)	Total Death (D)	New C	New D
	83.966	4.637	2	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	#####	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-03	t-19		
	Total Cases (C)	Total Death (D)	New C	New D
	83.964	4.637	5	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	#####	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-02	t-20		
	Total Cases (C)	Total Death (D)	New C	New D
	83.959	4.637	0	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	-----	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-05-01	t-21		
	Total Cases (C)	Total Death (D)	New C	New D
	83.959	4.637	3	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%

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

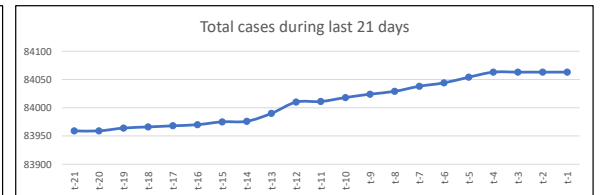
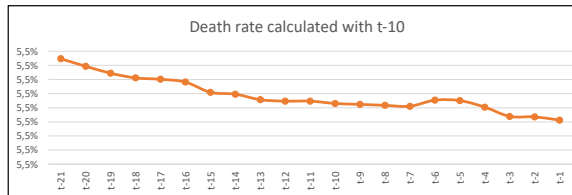
New Death: Compared to the day before

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.



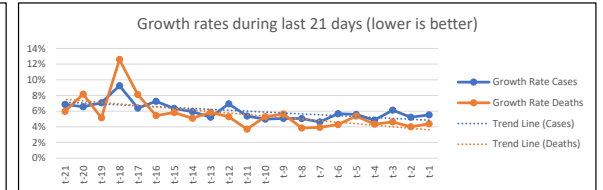
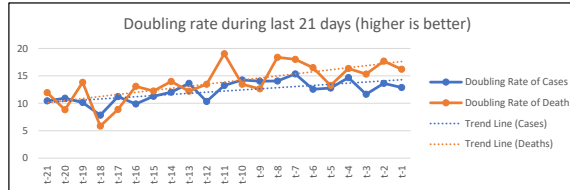
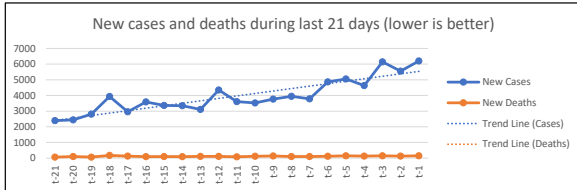
Footnotes:

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 IN (India)

IN (India)			
Data from (t-21):		Data to (t-1):	
2020-05-01		2020-05-21	
Statistic created:		Author:	
2020-05-22		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-30	113	1.368.738.000	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-21		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	118.226	3.584	6.198	150
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,5%	4,4%	12,9 days	16,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	8,6	0,3	0,0%	4,8%

	2020-05-20		t-2	
	Total Cases (C)	Total Death (D)	New C	New D
	112.028	3.434	5.553	132
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,2%	4,0%	13,6 days	17,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	8,2	0,3	0,0%	4,9%

	2020-05-19		t-3	
	Total Cases (C)	Total Death (D)	New C	New D
	106.475	3.302	6.147	146
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,1%	4,6%	11,7 days	15,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	7,8	0,2	0,0%	4,9%

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

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

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

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

One week ago	2020-05-14		t-8	
	Total Cases (C)	Total Death (D)	New C	New D
	81.997	2.649	3.942	98
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,1%	3,8%	14,1 days	18,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,2	0,0%	5,4%

	2020-05-13		t-9	
	Total Cases (C)	Total Death (D)	New C	New D
	78.055	2.551	3.763	136
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,1%	5,6%	14,0 days	12,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	5,7	0,2	0,0%	5,5%

	2020-05-12		t-10	
	Total Cases (C)	Total Death (D)	New C	New D
	74.292	2.415	3.524	121
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,0%	5,3%	14,3 days	13,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	5,4	0,2	0,0%	5,7%

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

	2020-05-10		t-12	
	Total Cases (C)	Total Death (D)	New C	New D
	67.161	2.212	4.353	111
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,9%	5,3%	10,3 days	13,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	4,9	0,2	0,0%	5,9%

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

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

Two weeks ago	2020-05-07		t-15	
	Total Cases (C)	Total Death (D)	New C	New D
	56.351	1.889	3.364	104
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,3%	5,8%	11,3 days	12,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	4,1	0,1	0,0%	6,0%

	2020-05-06		t-16	
	Total Cases (C)	Total Death (D)	New C	New D
	52.987	1.785	3.587	92
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,3%	5,4%	9,9 days	13,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	3,9	0,1	0,0%	6,1%

	2020-05-05		t-17	
	Total Cases (C)	Total Death (D)	New C	New D
	49.400	1.693	2.963	127
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,4%	8,1%	11,2 days	8,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	3,6	0,1	0,0%	6,1%

	2020-05-04		t-18	
	Total Cases (C)	Total Death (D)	New C	New D
	46.437	1.566	3.932	175
	Growth C in %	Growth D %	Double C in days	Double D in days
	9,3%	12,6%	7,8 days	5,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	3,4	0,1	0,0%	6,0%

	2020-05-03		t-19	
	Total Cases (C)	Total Death (D)	New C	New D
	42.505	1.391	2.806	68
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,1%	5,1%	10,1 days	13,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	3,1	0,1	0,0%	5,7%

	2020-05-02		t-20	
	Total Cases (C)	Total Death (D)	New C	New D
	39.699	1.323	2.442	100
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,6%	8,2%	10,9 days	8,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	2,9	0,1	0,0%	5,7%

	2020-05-01		t-21	
	Total Cases (C)	Total Death (D)	New C	New D
	37.257	1.223	2.394	69
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,9%	6,0%	10,4 days	11,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	2,7	0,1	0,0%	5,7%

Explanations:

Cases = C

Death(s) = D

t-1: Most recent day in report

t-21: Last day in report

New Cases: Compared to the day before

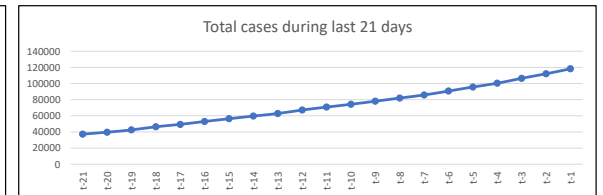
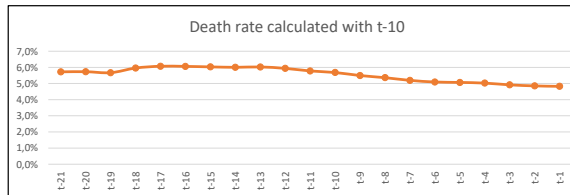
New Death: Compared to the day before

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

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

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

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



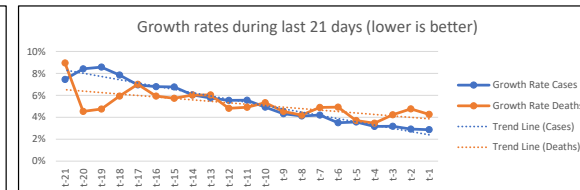
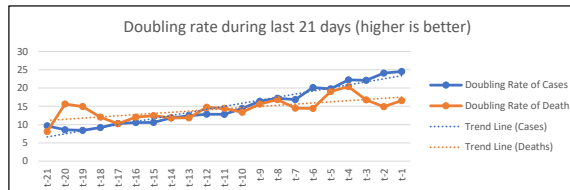
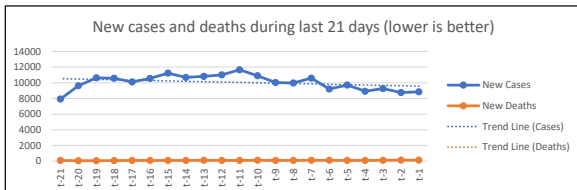
Footnotes:

¹ Population from Wikipedia (DE)

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

COVID-19 Statistics RU (Russia)

RU (Russia)			
Data from (t-21):		Data to (t-1):	
2020-05-01		2020-05-21	
Statistic created:		Author:	
2020-05-22		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-31	112	146.877.088	
Sources of data ² :		Template:	
http://homo-one.ru/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-21 t-1				2020-05-20 t-2				2020-05-19 t-3				2020-05-18 t-4				2020-05-17 t-5				2020-05-16 t-6				2020-05-15 t-7			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	317.554	3.099	8.849	127	308.705	2.972	8.764	135	299.941	2.837	9.263	115	290.678	2.722	8.926	91	281.752	2.631	9.709	94	272.043	2.537	9.200	119	262.843	2.418	10.598	113
	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
One week ago	2.9%	4,3%	24,5 days	16,6 days	2,9%	4,8%	24,1 days	14,9 days	3,2%	4,2%	22,1 days	16,8 days	3,2%	3,5%	22,2 days	20,4 days	3,6%	3,7%	19,8 days	19,1 days	3,5%	4,9%	20,1 days	14,4 days	4,2%	4,9%	16,8 days	14,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	216,2	2,1	0,2%	1,3%	210,2	2,0	0,2%	1,3%	204,2	1,9	0,2%	1,4%	197,9	1,9	0,2%	1,4%	191,8	1,8	0,2%	1,4%	185,2	1,7	0,2%	1,4%	179,0	1,6	0,2%	1,5%
Two weeks ago	2020-05-14 t-8				2020-05-13 t-9				2020-05-12 t-10				2020-05-11 t-11				2020-05-10 t-12				2020-05-09 t-13				2020-05-08 t-14			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	252.245	2.305	9.974	93	242.271	2.212	10.028	96	232.243	2.116	10.899	107	221.344	2.009	11.656	94	209.688	1.915	11.012	88	198.676	1.827	10.817	104	187.859	1.723	10.699	98
	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
Three weeks ago	4,1%	4,2%	17,2 days	16,8 days	4,3%	4,5%	16,4 days	15,6 days	4,9%	5,3%	14,4 days	13,4 days	5,6%	4,9%	12,8 days	14,5 days	5,5%	4,8%	12,8 days	14,7 days	5,8%	6,0%	12,4 days	11,8 days	6,0%	6,0%	11,8 days	11,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	171,7	1,6	0,2%	1,5%	164,9	1,5	0,2%	1,5%	158,1	1,4	0,2%	1,6%	150,7	1,4	0,2%	1,6%	142,8	1,3	0,1%	1,7%	135,3	1,2	0,1%	1,7%	127,9	1,2	0,1%	1,7%
Four weeks ago	2020-05-07 t-15				2020-05-06 t-16				2020-05-05 t-17				2020-05-04 t-18				2020-05-03 t-19				2020-05-02 t-20				2020-05-01 t-21			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	177.160	1.625	11.231	88	165.929	1.537	10.559	86	155.370	1.451	10.102	95	145.268	1.356	10.581	76	134.687	1.280	10.633	58	124.054	1.222	9.623	53	114.431	1.169	7.933	96
	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
Five weeks ago	6,8%	5,7%	10,6 days	12,4 days	6,8%	5,9%	10,5 days	12,0 days	7,0%	7,0%	10,3 days	10,2 days	7,9%	5,9%	9,2 days	12,0 days	8,6%	4,7%	8,4 days	14,9 days	8,4%	4,5%	8,6 days	15,6 days	7,4%	8,9%	9,6 days	8,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	120,6	1,1	0,1%	1,7%	113,0	1,0	0,1%	1,8%	105,8	1,0	0,1%	1,8%	98,9	0,9	0,1%	1,8%	91,7	0,9	0,1%	1,9%	84,5	0,8	0,1%	1,9%	77,9	0,8	0,1%	2,0%

Explanations:

Cases = C

Death(s) = D

t-1: Most recent day in report

t-21: Last day in report

New Cases: Compared to the day before

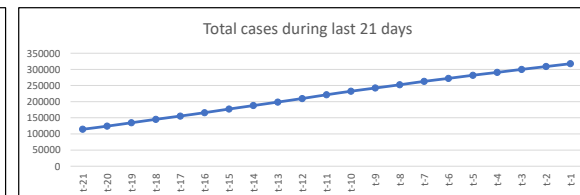
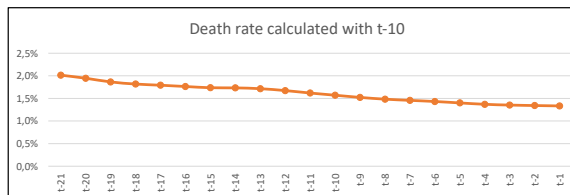
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