

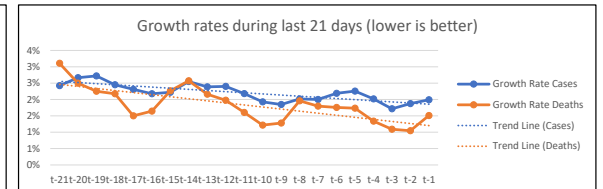
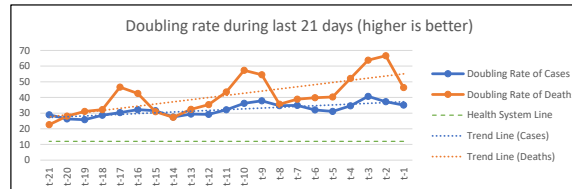
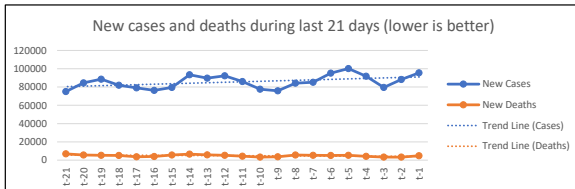
COVID-19 Statistics - Summary

Country / Region	1st Case	Days	Population
WORLD	December 2019	~ 141	7.750.000.000
United States	2020-01-22	119	327.167.434
Germany	2020-01-27	114	83.019.213
Italy	2020-01-31	110	60.262.701
Spain	2020-02-01	109	46.722.980
France	2020-01-24	117	66.993.000
United Kingdom	2020-01-31	110	66.435.550
China	December 2019	~ 141	1.400.050.000
India	2020-01-30	111	1.368.738.000
Russia	2020-01-31	110	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: 2020-05-20	4.989.197	324.970	0,06%	6.260	416						
2020-05-19	4.897.492	323.285	0,06%	95.549	4.804	63,19	4,17	1,99%	1,51%	35,2 days	46,3 days
Live Data: 2020-05-20	1.570.583	93.533	0,48%	0	0						
2020-05-19	1.528.568	91.921	0,47%	20.260	1.574	467,21	28,10	1,34%	1,74%	51,9 days	40,1 days
Live Data: 2020-05-20	226.699	32.169	0,27%	0	0						
2020-05-19	177.778	8.081	0,21%	1.227	78	214,14	9,73	0,69%	0,97%	100,1 days	71,5 days
Live Data: 2020-05-20	278.803	27.778	0,46%	0	0						
2020-05-19	226.699	32.169	0,38%	813	162	376,18	53,38	0,36%	0,51%	192,9 days	137,3 days
Live Data: 2020-05-20	299.941	2.837	0,64%	0	0						
2020-05-19	232.037	27.778	0,50%	431	69	496,62	59,45	0,19%	0,25%	372,8 days	278,7 days
Live Data: 2020-05-20	248.818	35.341	0,37%	411	1						
2020-05-19	178.428	27.976	0,27%	874	-217	266,34	41,76	0,49%	-0,77%	141,2 days	-89,7 days
Live Data: 2020-05-20	177.827	8.193	0,27%	0	0						
2020-05-19	250.138	35.422	0,38%	2.429	546	376,51	53,32	0,98%	1,57%	71,0 days	44,6 days
Live Data: 2020-05-20	180.809	28.022	0,01%	0	0						
2020-05-19	84.063	4.638	0,01%	0	0	6,00	0,33	0,00%	0,00%	-----	-----
Live Data: 2020-05-20	82.965	4.634	0,01%	0	0						
2020-05-19	106.475	3.302	0,01%	6.147	146	7,78	0,24	6,13%	4,63%	11,7 days	15,3 days
Live Data: 2020-05-20	106.886	3.303	0,07%	0	0						
2020-05-19	299.941	2.837	0,20%	9.263	115	204,21	1,93	3,19%	4,22%	22,1 days	16,8 days

COVID-19 Statistics WORLD

WORLD			
Data from (t-21):		Data to (t-1):	
2020-04-29		2020-05-19	
Statistic created:		Author:	
2020-05-20		Tom Gries	
1st Case:	Days:	Population ¹ :	
December 2019	~141	7 750.000.000	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-19		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
	4.897.492	323.285	4.897.492	323.285	95.549	4.804	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%	

	2020-05-18		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
	4.801.943	318.481	4.801.943	318.481	88.323	3.296	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%	

	2020-05-17		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
	4.713.620	315.185	4.713.620	315.185	79.552	3.404	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%	

	2020-05-16		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
	4.634.068	311.781	4.634.068	311.781	91.721	4.115	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%	

	2020-05-15		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
	4.542.347	307.666	4.542.347	307.666	100.184	5.248	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%	

	2020-05-14		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
	4.442.163	302.418	4.442.163	302.418	95.145	5.221	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%	

	2020-05-13		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
	4.347.018	297.197	4.347.018	297.197	85.271	5.255	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-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
	4.261.747	291.942	4.261.747	291.942	84.245	5.612	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%	

	2020-05-11		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
	4.177.502	286.330	4.177.502	286.330	75.803	3.621	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%	

	2020-05-10		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
	4.101.699	282.709	4.101.699	282.709	77.690	3.398	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%	

	2020-05-09		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
	4.024.009	279.311	4.024.009	279.311	85.945	4.413	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%	

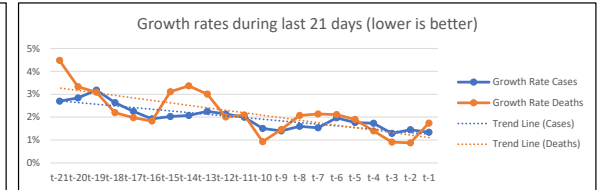
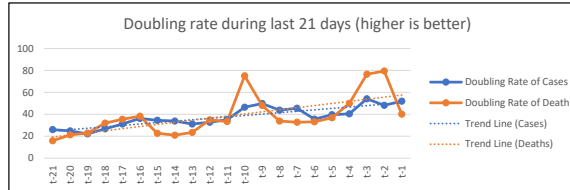
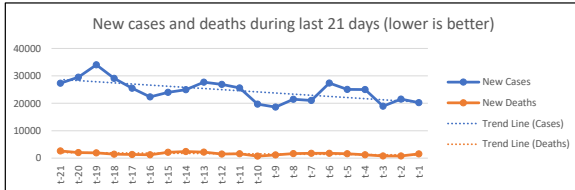
	2020-05-08		t-12		New C		New D	
	Total Cases (C)	Total Death (D)	Total Cases (C)	Total Death (D)	New C	New D	New C	New D
	3.938.064	274.898	3.938.064	274.898	92.346	5.331	92.346	5.331
	Growth C in %		Growth D %		Double C in days		Double D in days	
	2,4%		2,0%		29,2 days		35,4 days	
	Cases per 100K		Deaths per 100K		C of Population		Death Rate (t-10)	
	50,8		3,5		0,1%		8,7%	

	2020-05-07		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
	3.845.718	269.567	3.845.718	269.567	89.649	5.712	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%	

2020-05-06		t-14	
Total Cases (C)	Total Death (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%

COVID-19 Statistics US (United States)

US (United States)			
Data from (t-21):		Data to (t-1):	
2020-04-29		2020-05-19	
Statistic created:		Author:	
2020-05-20		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-22	119	327.167.434	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



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

2020-05-18	t-2		
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-3		
Total Cases (C)	Total Death (D)	New C	New D
1.486.757	89.562	18.937	808
Growth C in %	Growth D in %	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-4		
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-5		
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%

2020-05-14		t-6			
Total Cases (C)	Total Death (D)	New C	New D		
1.417.774	85.898	27.368	1.777		
Growth C in %	Growth D in %	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-7			
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%		

One week ago	2020-05-12		t-8		New C	New D
	Total Cases (C)	Total Death (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-9		
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-10		
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%

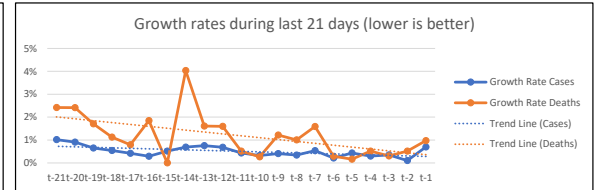
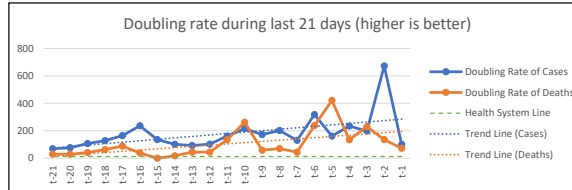
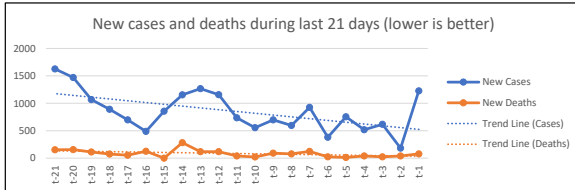
2020-05-09	t-11		
Total Cases (C)	Total Death (D)	New C	New D
1.309.550	78.795	25.621	1.615
Growth C in %	Growth D %	Double C in days	Double D in days
2,0%	2,1%	35,1 days	33,5 days
Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
400,3	24,1	0,4%	7,4%

2020-05-08	t-12		
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-12)
392,4	23,6	0,4%	7,4%

2020-05-07		t-13			
Total Cases (C)		Total Death (D)		New C	
1.257.023		75.662		27.692	
2.20					
Growth C in %		Growth D %		Double C in days	
2,3%		3,0%		31,1 days	
23,4 day					
Cases per 100K		Deaths per 100K		C of Population	
384,2		23,1		0,4%	
7,5%					

COVID-19 Statistics DE (Germany)

DE (Germany)			
Data from (t-21):		Data to (t-1):	
2020-04-29		2020-05-19	
Statistic created:		Author:	
2020-05-20		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-27	114	83.019.213	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-19 t-1				2020-05-18 t-2				2020-05-17 t-3				2020-05-16 t-4				2020-05-15 t-5				2020-05-14 t-6				2020-05-13 t-7			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	177.778	8.081	1.227	78	176.551	8.003	182	41	176.369	7.962	617	24	175.752	7.938	519	41	175.233	7.897	755	13	174.478	7.884	380	23	174.098	7.861	927	123
	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
One week ago	0,7%	1,0%	100,1 days	71,5 days	0,1%	0,5%	672,0 days	135,0 days	0,4%	0,3%	197,8 days	229,6 days	0,3%	0,5%	234,4 days	133,9 days	0,4%	0,2%	160,5 days	420,7 days	0,2%	0,3%	317,9 days	237,3 days	0,5%	1,6%	129,8 days	44,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	214,1	9,7	0,2%	4,7%	212,7	9,6	0,2%	4,7%	212,4	9,6	0,2%	4,7%	211,7	9,6	0,2%	4,7%	211,1	9,5	0,2%	4,7%	210,2	9,5	0,2%	4,7%	209,7	9,5	0,2%	4,7%
Two weeks ago	2020-05-12 t-8				2020-05-11 t-9				2020-05-10 t-10				2020-05-09 t-11				2020-05-08 t-12				2020-05-07 t-13				2020-05-06 t-14			
	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D	Total Cases (C)	Total Death (D)	New C	New D
	173.171	7.738	595	77	172.576	7.661	697	92	171.879	7.569	555	20	171.324	7.549	736	39	170.588	7.510	1.158	118	169.430	7.392	1.268	117	168.162	7.275	1.155	282
	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
Three weeks ago	0,3%	1,0%	201,4 days	69,3 days	0,4%	1,2%	171,3 days	57,4 days	0,3%	0,3%	214,3 days	262,0 days	0,4%	0,5%	161,0 days	133,8 days	0,7%	1,6%	101,8 days	43,8 days	0,8%	1,6%	92,3 days	43,4 days	0,7%	4,0%	100,6 days	17,5 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)
	208,6	9,3	0,2%	4,7%	207,9	9,2	0,2%	4,6%	207,0	9,1	0,2%	4,6%	206,4	9,1	0,2%	4,6%	205,5	9,0	0,2%	4,6%	204,1	8,9	0,2%	4,6%	202,6	8,8	0,2%	4,6%
Four weeks ago	2020-05-05 t-15				2020-05-04 t-16				2020-05-03 t-17				2020-05-02 t-18				2020-05-01 t-19				2020-04-30 t-20				2020-04-29 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
	167.007	6.993	855	0	166.152	6.993	488	127	165.664	6.866	697	54	164.967	6.812	890	76	164.077	6.736	1.068	113	163.009	6.623	1.470	156	161.539	6.467	1.627	153
	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days	Growth C in %	Growth D %	Double C in days	Double D in days
Five weeks ago	0,5%	0,0%	135,0 days	-----	0,3%	1,8%	235,7 days	37,8 days	0,4%	0,8%	164,4 days	87,8 days	0,5%	1,1%	128,1 days	61,8 days	0,7%	1,7%	106,1 days	41,0 days	0,9%	2,4%	76,5 days	29,1 days	1,0%	2,4%	68,5 days	28,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	201,2	8,4	0,2%	4,4%	200,1	8,4	0,2%	4,5%	199,5	8,3	0,2%	4,4%	198,7	8,2	0,2%	4,4%	197,6	8,1	0,2%	4,5%	196,4	8,0	0,2%	4,5%	194,6	7,8	0,2%	4,4%

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

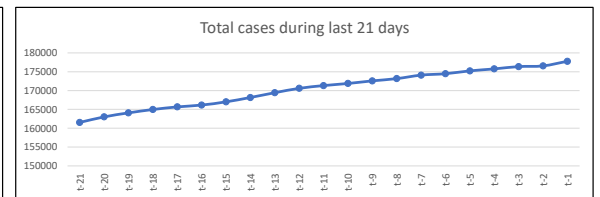
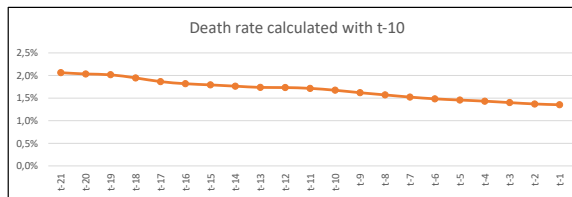
New Death: Compared to the day before

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.



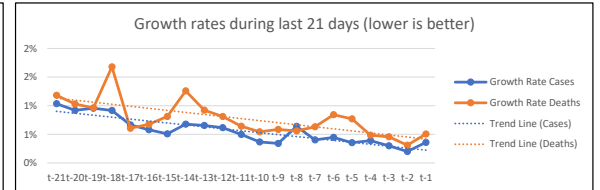
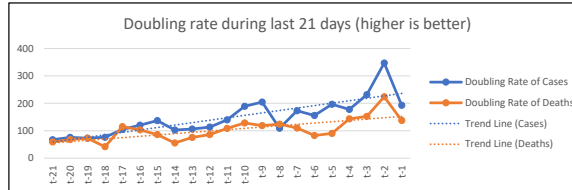
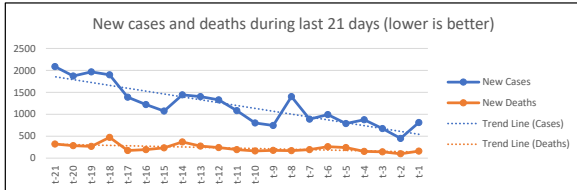
Footnotes:

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 IT (Italy)

IT (Italy)			
Data from (t-21):		Data to (t-1):	
2020-04-29		2020-05-19	
Statistic created:		Author:	
2020-05-20		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-31	110	60.262.701	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-19		t-1	
	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-2	
	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-3	
	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-4	
	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-5	
	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%

	2020-05-14		t-6	
	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-7	
	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%

One week ago	2020-05-12		t-8	
	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-9	
	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-10	
	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-11	
	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-12	
	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%

	2020-05-07		t-13	
	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-14	
	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%

Two weeks ago	2020-05-05		t-15	
	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-16	
	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-17	
	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-18	
	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-19	
	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%

	2020-04-30		t-20	
	Total Cases (C)	Total Death (D)	New C	New D
	205.463	27.967	1.872	285
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,9%	1,0%	75,7 days	67,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	340,9	46,4	0,3%	15,2%

	2020-04-29		t-21	
	Total Cases (C)	Total Death (D)	New C	New D
	203.591	27.682	2.086	323
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,0%	1,2%	67,3 days	59,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	337,8	45,9	0,3%	15,3%

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

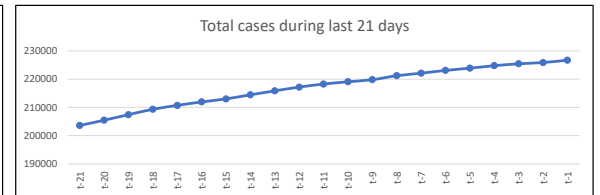
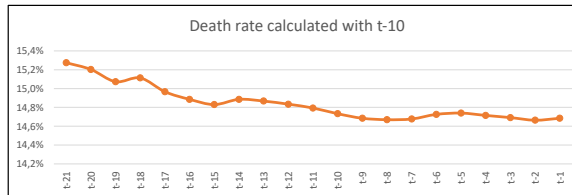
New Death: Compared to the day before

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.



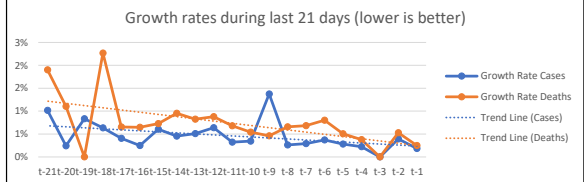
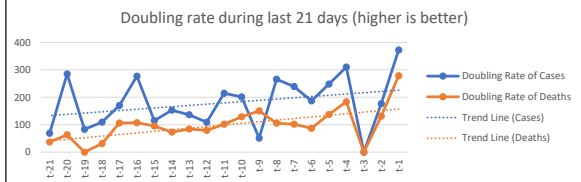
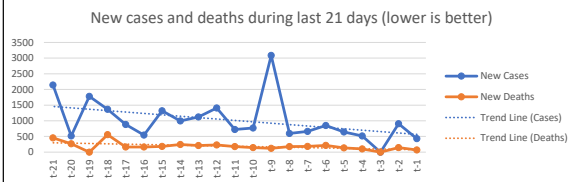
Footnotes:

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):	
2020-04-29		2020-05-19	
Statistic created:		Author:	
2020-05-20		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-02-01	109	46.722.980	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-19		t-1	
	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-2	
	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-3	
	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-4	
	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-5	
	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%

	2020-05-14		t-6	
	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-7	
	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%

One week ago	2020-05-12		t-8	
	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-9	
	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-10	
	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-11	
	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-12	
	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%

	2020-05-07		t-13	
	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-14	
	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%

Two weeks ago	2020-05-05		t-15	
	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-16	
	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-17	
	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-18	
	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-19	
	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%

	2020-04-30		t-20	
	Total Cases (C)	Total Death (D)	New C	New D
	213.435	24.543	518	268
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,2%	1,1%	285,3 days	63,1 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
456,8		52,5	0,5%	12,0%

	2020-04-29		t-21	
	Total Cases (C)	Total Death (D)	New C	New D
	212.917	24.275	2.144	453
	Growth C in %	Growth D %	Double C in days	Double D in days
	1,0%	1,9%	68,5 days	36,8 days
Cases per 100K		Deaths per 100K	C of Population	Death Rate (t-10)
455,7		52,0	0,5%	12,1%

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

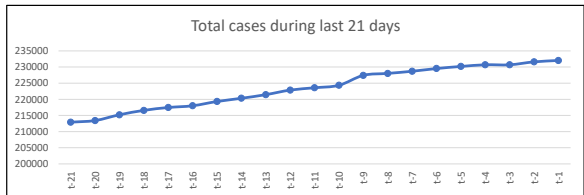
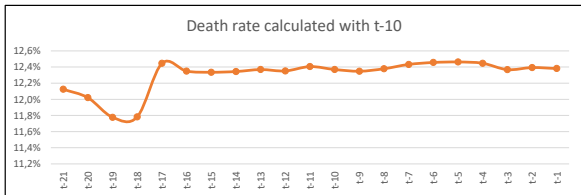
New Death: Compared to the day before

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.



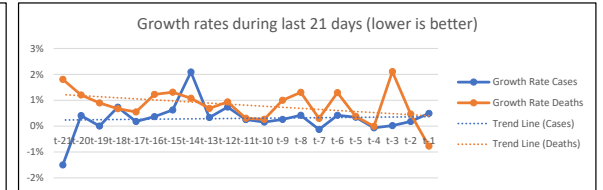
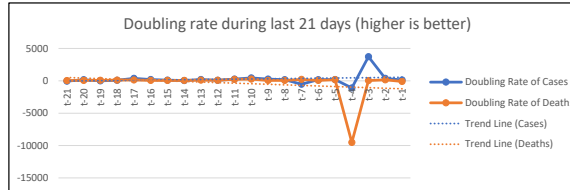
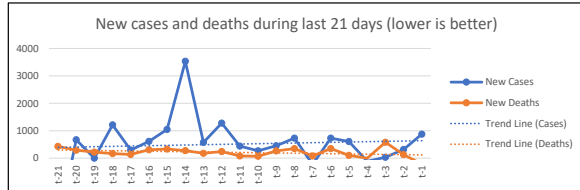
Footnotes:

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):	
2020-04-29		2020-05-19	
Statistic created:		Author:	
2020-05-20		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-24	117	66.993,000	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-19		t-1	
	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-10)
	266,3	41,8	0,3%	16,0%

	2020-05-18		t-2	
	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-10)
	265,0	42,1	0,3%	16,1%

	2020-05-17		t-3	
	Total Cases (C)	Total Death (D)	New C	New D
	177.240	28.062	33	579
	Growth C in %	Growth D %	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-10)
	264,6	41,9	0,3%	16,1%

	2020-05-16		t-4	
	Total Cases (C)	Total Death (D)	New C	New D
	177.207	27.483	-112	-2
	Growth C in %	Growth D %	Double C in days	Double D in days
	-0,1%	0,0%	#####	#####
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	264,5	41,0	0,3%	15,9%

	2020-05-15		t-5	
	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-10)
	264,7	41,0	0,3%	15,9%

	2020-05-14		t-6	
	Total Cases (C)	Total Death (D)	New C	New D
	176.712	27.381	731	349
	Growth C in %	Growth D %	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-7	
	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%

One week ago	2020-05-12		t-8	
	Total Cases (C)	Total Death (D)	New C	New D
	176.207	26.951	728	347
	Growth C in %	Growth D %	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-9	
	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-10	
	Total Cases (C)	Total Death (D)	New C	New D
	175.027	26.341	269	70
	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-10)
	261,3	39,3	0,3%	15,9%

	2020-05-09		t-11	
	Total Cases (C)	Total Death (D)	New C	New D
	174.758	26.271	440	79
	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-10)
	260,9	39,2	0,3%	15,8%

	2020-05-08		t-12	
	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%

	2020-05-07		t-13	
	Total Cases (C)	Total Death (D)	New C	New D
	173.040	25.949	575	177
	Growth C in %	Growth D %	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-14	
	Total Cases (C)	Total Death (D)	New C	New D
	172.465	25.772	3.530	274
	Growth C in %	Growth D %	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%

Two weeks ago	2020-05-05		t-15	
	Total Cases (C)	Total Death (D)	New C	New D
	168.935	25.498	1.049	330
	Growth C in %	Growth D %	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-16	
	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-10)
	250,6	37,6	0,3%	15,7%

	2020-05-03		t-17	
	Total Cases (C)	Total Death (D)	New C	New D
	167.272	24.864	296	135
	Growth C in %	Growth D %	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-10)
	249,7	37,1	0,2%	15,7%

	2020-05-02		t-18	
	Total Cases (C)	Total Death (D)	New C	New D
	166.976	24.729	1.212	166
	Growth C in %	Growth D %	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-10)
	249,2	36,9	0,2%	15,7%

	2020-05-01		t-19	
	Total Cases (C)	Total Death (D)	New C	New D
	165.764	24.563	0	218
	Growth C in %	Growth D %	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-10)
	247,4	36,7	0,2%	15,9%

	2020-04-30		t-20	
	Total Cases (C)	Total Death (D)	New C	New D
	165.764	24.345	671	289
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,4%	1,2%	170,9 days	58,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	247,4	36,3	0,2%	15,5%

	2020-04-29		t-21	
	Total Cases (C)	Total Death (D)	New C	New D
	165.093	24.056	-2.512	427
	Growth C in %	Growth D %	Double C in days	Double D in days
	-1,5%	1,8%	-45,9 days	38,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	246,4	35,9	0,2%	15,6%

Explanations:

Cases = C

Death(s) = D

t-1: Most recent day in report

t-21: Last day in report

New Cases: Compared to the day before

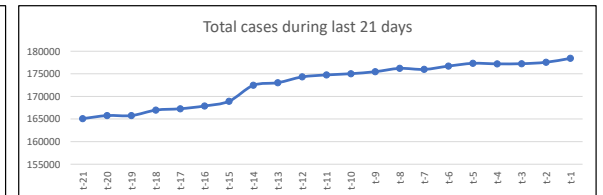
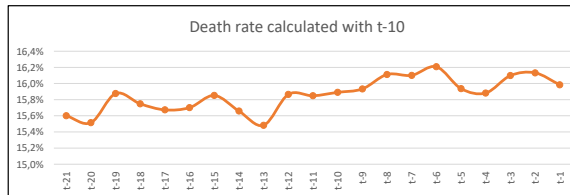
New Death: Compared to the day before

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

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

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

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



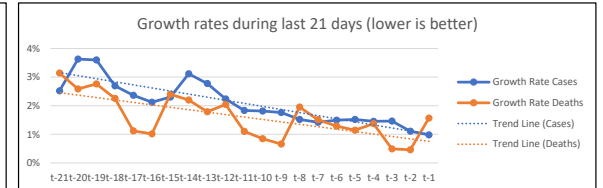
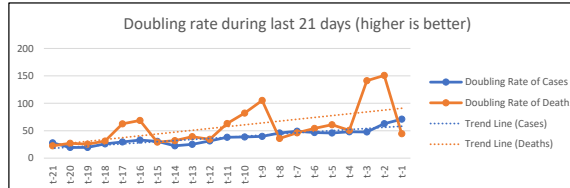
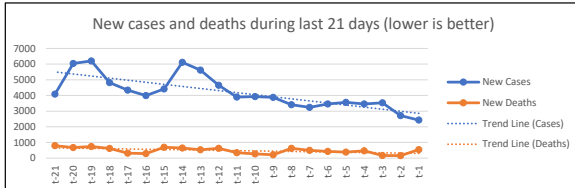
Footnotes:

¹ Population from Wikipedia (DE)

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

COVID-19 Statistics UK (United Kingdom)

UK (United Kingdom)			
Data from (t-21):		Data to (t-1):	
2020-04-29		2020-05-19	
Statistic created:		Author:	
2020-05-20		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-31	110	66.435.550	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-19		t-1	
	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-10)
	376,5	53,3	0,4%	16,1%

	2020-05-18		t-2	
	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-3	
	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-4	
	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-5	
	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%

	2020-05-14		t-6	
	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-7	
	Total Cases (C)	Total Death (D)	New C	New D
	230.985	33.264	3.244	495
	Growth C in %	Growth D %	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%

One week ago	2020-05-12		t-8	
	Total Cases (C)	Total Death (D)	New C	New D
	227.741	32.769	3.409	628
	Growth C in %	Growth D %	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-9	
	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-10	
	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-11	
	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-12	
	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-10)
	320,1	47,1	0,3%	18,8%

	2020-05-07		t-13	
	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-10)
	313,1	46,2	0,3%	18,9%

	2020-05-06		t-14	
	Total Cases (C)	Total Death (D)	New C	New D
	202.359	30.150	6.116	649
	Growth C in %	Growth D %	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%

Two weeks ago	2020-05-05		t-15	
	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-16	
	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-17	
	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-18	
	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-19	
	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%

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

	2020-04-29		t-21	
	Total Cases (C)	Total Death (D)	New C	New D
	166.441	26.166	4.091	797
	Growth C in %	Growth D %	Double C in days	Double D in days
	2,5%	3,1%	27,9 days	22,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	250,5	39,4	0,3%	20,8%

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

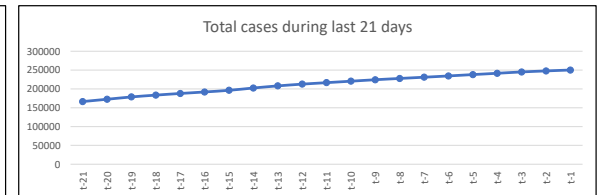
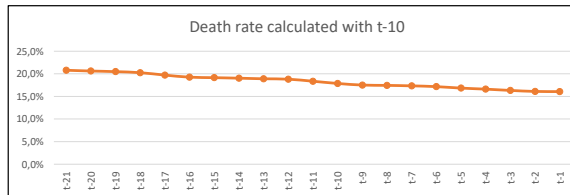
New Death: Compared to the day before

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.



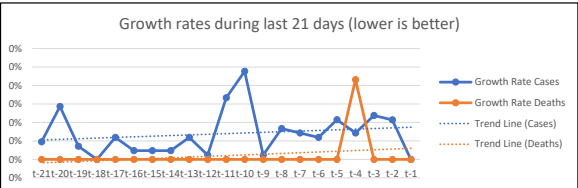
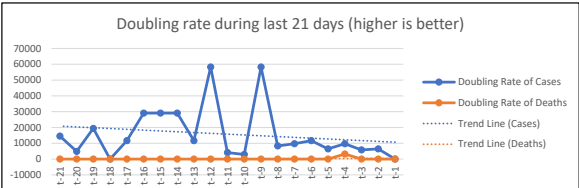
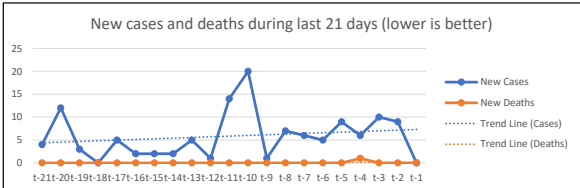
Footnotes:

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 CN (China)

CN (China)			
Data from (t-21):		Data to (t-1):	
2020-04-29		2020-05-19	
Statistic created:		Author:	
2020-05-20		Tom Gries	
1st Case:		Population ¹ :	
December 2019		~141	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-19		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%

	2020-05-18		t-2	
	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-3	
	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-4	
	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-5	
	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%

	2020-05-14		t-6	
	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-7	
	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%

One week ago	2020-05-12		t-8	
	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-9	
	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-10	
	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-11	
	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-12	
	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%

	2020-05-07		t-13	
	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-14	
	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%

Two weeks ago	2020-05-05		t-15	
	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-16	
	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-17	
	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-18	
	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%

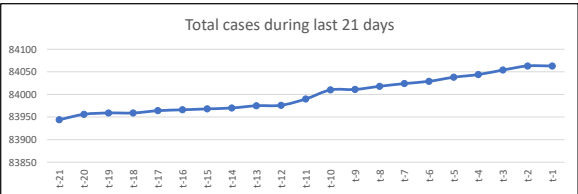
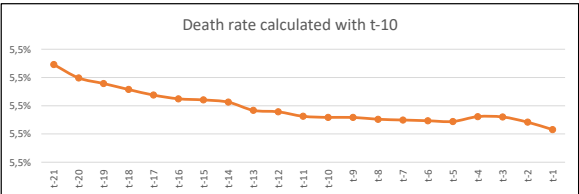
	2020-05-01		t-19	
	Total Cases (C)	Total Death (D)	New C	New D
	83.959	4.637	3	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	#####	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-04-30		t-20	
	Total Cases (C)	Total Death (D)	New C	New D
	83.956	4.637	12	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	4849,1 days	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

	2020-04-29		t-21	
	Total Cases (C)	Total Death (D)	New C	New D
	83.944	4.637	4	0
	Growth C in %	Growth D %	Double C in days	Double D in days
	0,0%	0,0%	#####	-----
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	6,0	0,3	0,0%	5,5%

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.



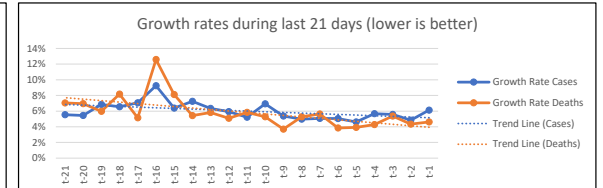
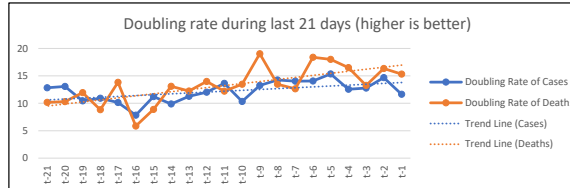
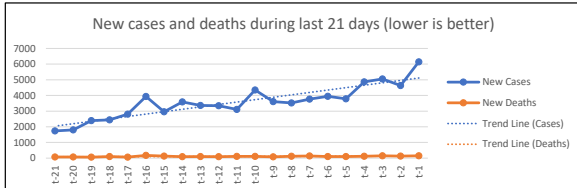
Footnotes:

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):	
2020-04-29		2020-05-19	
Statistic created:		Author:	
2020-05-20		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-30	111	1.368.738.000	
Sources of data ² :		Template:	
http://homo.one/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-19		t-1	
	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-2	
	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-3	
	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-4	
	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-5	
	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%

	2020-05-14		t-6	
	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-7	
	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%

One week ago	2020-05-12		t-8	
	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-9	
	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-10	
	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-11	
	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-12	
	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%

	2020-05-07		t-13	
	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-14	
	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%

Two weeks ago	2020-05-05		t-15	
	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-16	
	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-17	
	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-18	
	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-19	
	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%

	2020-04-30		t-20	
	Total Cases (C)	Total Death (D)	New C	New D
	34.863	1.154	1.801	75
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,4%	7,0%	13,1 days	10,3 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	2,5	0,1	0,0%	5,7%

	2020-04-29		t-21	
	Total Cases (C)	Total Death (D)	New C	New D
	33.062	1.079	1.738	71
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,5%	7,0%	12,8 days	10,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	2,4	0,1	0,0%	5,8%

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

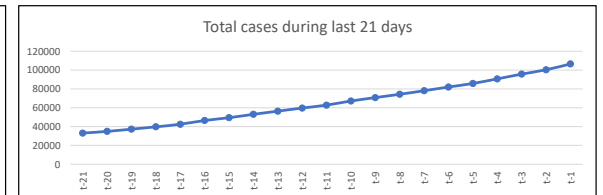
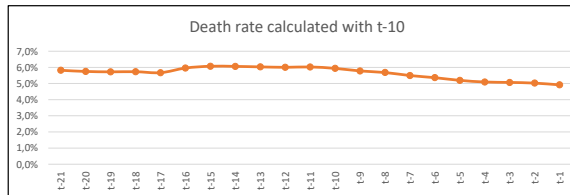
New Death: Compared to the day before

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.



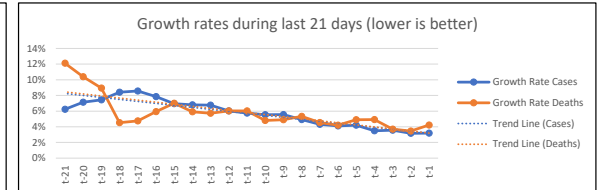
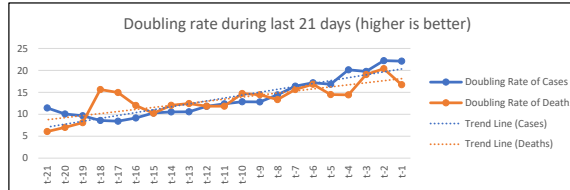
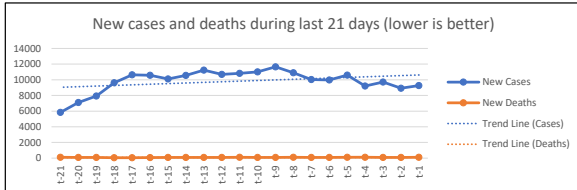
Footnotes:

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):	
2020-04-29		2020-05-19	
Statistic created:		Author:	
2020-05-20		Tom Gries	
1st Case:	Days:	Population ¹ :	
2020-01-31	110	146.877.088	
Sources of data ² :		Template:	
http://homo-one.ru/COVID-19-statistic		A-20-04-08	



Actual Week	2020-05-19		t-1	
	Total Cases (C)	Total Death (D)	New C	New D
	299.941	2.837	9.263	115
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,2%	4,2%	22,1 days	16,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	204,2	1,9	0,2%	1,4%

	2020-05-18		t-2	
	Total Cases (C)	Total Death (D)	New C	New D
	290.678	2.722	8.926	91
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,2%	3,5%	22,2 days	20,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	197,9	1,9	0,2%	1,4%

	2020-05-17		t-3	
	Total Cases (C)	Total Death (D)	New C	New D
	281.752	2.631	9.709	94
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,6%	3,7%	19,8 days	19,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	191,8	1,8	0,2%	1,4%

	2020-05-16		t-4	
	Total Cases (C)	Total Death (D)	New C	New D
	272.043	2.537	9.200	119
	Growth C in %	Growth D %	Double C in days	Double D in days
	3,5%	4,9%	20,1 days	14,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	185,2	1,7	0,2%	1,4%

	2020-05-15		t-5	
	Total Cases (C)	Total Death (D)	New C	New D
	262.843	2.418	10.598	113
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,2%	4,9%	16,8 days	14,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	179,0	1,6	0,2%	1,5%

	2020-05-14		t-6	
	Total Cases (C)	Total Death (D)	New C	New D
	252.245	2.305	9.974	93
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,1%	4,2%	17,2 days	16,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	171,7	1,6	0,2%	1,5%

	2020-05-13		t-7	
	Total Cases (C)	Total Death (D)	New C	New D
	242.271	2.212	10.028	96
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,3%	4,5%	16,4 days	15,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	164,9	1,5	0,2%	1,5%

One week ago	2020-05-12		t-8	
	Total Cases (C)	Total Death (D)	New C	New D
	232.243	2.116	10.899	107
	Growth C in %	Growth D %	Double C in days	Double D in days
	4,9%	5,3%	14,4 days	13,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	158,1	1,4	0,2%	1,6%

	2020-05-11		t-9	
	Total Cases (C)	Total Death (D)	New C	New D
	221.344	2.009	11.656	94
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,6%	4,9%	12,8 days	14,5 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	150,7	1,4	0,2%	1,6%

	2020-05-10		t-10	
	Total Cases (C)	Total Death (D)	New C	New D
	209.688	1.915	11.012	88
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,5%	4,8%	12,8 days	14,7 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	142,8	1,3	0,1%	1,7%

	2020-05-09		t-11	
	Total Cases (C)	Total Death (D)	New C	New D
	198.676	1.827	10.817	104
	Growth C in %	Growth D %	Double C in days	Double D in days
	5,8%	6,0%	12,4 days	11,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	135,3	1,2	0,1%	1,7%

	2020-05-08		t-12	
	Total Cases (C)	Total Death (D)	New C	New D
	187.859	1.723	10.699	98
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,0%	6,0%	11,8 days	11,8 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	127,9	1,2	0,1%	1,7%

	2020-05-07		t-13	
	Total Cases (C)	Total Death (D)	New C	New D
	177.160	1.625	11.231	88
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,8%	5,7%	10,6 days	12,4 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	120,6	1,1	0,1%	1,7%

	2020-05-06		t-14	
	Total Cases (C)	Total Death (D)	New C	New D
	165.929	1.537	10.559	86
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,8%	5,9%	10,5 days	12,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	113,0	1,0	0,1%	1,8%

Two weeks ago	2020-05-05		t-15	
	Total Cases (C)	Total Death (D)	New C	New D
	155.370	1.451	10.102	95
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,0%	7,0%	10,3 days	10,2 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	105,8	1,0	0,1%	1,8%

	2020-05-04		t-16	
	Total Cases (C)	Total Death (D)	New C	New D
	145.268	1.356	10.581	76
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,9%	5,9%	9,2 days	12,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	98,9	0,9	0,1%	1,8%

	2020-05-03		t-17	
	Total Cases (C)	Total Death (D)	New C	New D
	134.687	1.280	10.633	58
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,6%	4,7%	8,4 days	14,9 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	91,7	0,9	0,1%	1,9%

	2020-05-02		t-18	
	Total Cases (C)	Total Death (D)	New C	New D
	124.054	1.222	9.623	53
	Growth C in %	Growth D %	Double C in days	Double D in days
	8,4%	4,5%	8,6 days	15,6 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	84,5	0,8	0,1%	1,9%

	2020-05-01		t-19	
	Total Cases (C)	Total Death (D)	New C	New D
	114.431	1.169	7.933	96
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,4%	8,9%	9,6 days	8,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	77,9	0,8	0,1%	2,0%

	2020-04-30		t-20	
	Total Cases (C)	Total Death (D)	New C	New D
	106.498	1.073	7.099	101
	Growth C in %	Growth D %	Double C in days	Double D in days
	7,1%	10,4%	10,0 days	7,0 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	72,5	0,7	0,1%	2,0%

	2020-04-29		t-21	
	Total Cases (C)	Total Death (D)	New C	New D
	99.399	972	5.841	105
	Growth C in %	Growth D %	Double C in days	Double D in days
	6,2%	12,1%	11,4 days	6,1 days
	Cases per 100K	Deaths per 100K	C of Population	Death Rate (t-10)
	67,7	0,7	0,1%	2,1%

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

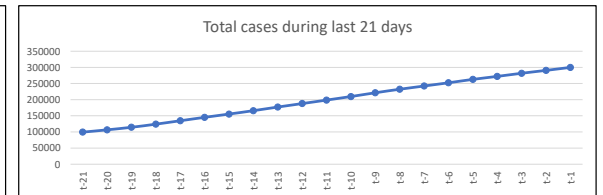
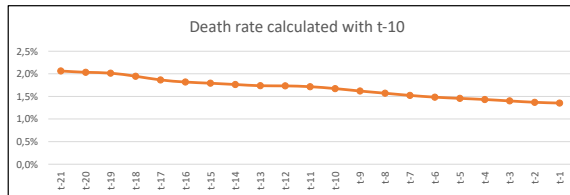
New Death: Compared to the day before

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>