

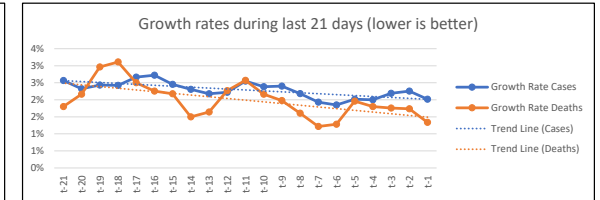
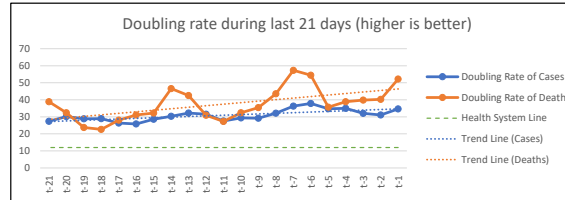
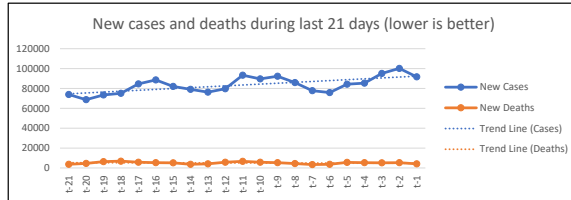
# COVID-19 Statistics - Summary

| Country / Region | 1st Case      | Days  | Population    |
|------------------|---------------|-------|---------------|
| WORLD            | December 2019 | ~ 138 | 7.750.000.000 |
| United States    | 2020-01-22    | 116   | 327.167.434   |
| Germany          | 2020-01-27    | 111   | 83.019.213    |
| Italy            | 2020-01-31    | 107   | 60.262.701    |
| Spain            | 2020-02-01    | 106   | 46.722.980    |
| France           | 2020-01-24    | 114   | 66.993.000    |
| United Kingdom   | 2020-01-31    | 107   | 66.435.550    |
| China            | December 2019 | ~ 138 | 1.400.050.000 |
| India            | 2020-01-30    | 108   | 1.368.738.000 |
| Russia           | 2020-01-31    | 107   | 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: 2020-05-18 | 4.820.347       | 316.967         | 0,06%               | 21.081    | 447        |                |                 |                   |                 |              |               |
| 2020-05-16            | 4.634.068       | 311.781         | 0,06%               | 91.721    | 4.115      | 59,79          | 4,02            | 2,02%             | 1,34%           | 34,7 days    | 52,2 days     |
| Live Data: 2020-05-18 | 1.527.951       | 90.980          | 0,47%               | 287       | 2          |                |                 |                   |                 |              |               |
| 2020-05-16            | 1.467.820       | 88.754          | 0,45%               | 24.996    | 1.224      | 448,64         | 27,13           | 1,73%             | 1,40%           | 40,4 days    | 49,9 days     |
| Live Data: 2020-05-18 | 225.435         | 31.908          | 0,27%               | 0         | 0          |                |                 |                   |                 |              |               |
| 2020-05-16            | 175.752         | 7.938           | 0,21%               | 519       | 41         | 211,70         | 9,56            | 0,30%             | 0,52%           | 234,4 days   | 133,9 days    |
| Live Data: 2020-05-18 | 277.719         | 27.650          | 0,46%               | 0         | 0          |                |                 |                   |                 |              |               |
| 2020-05-16            | 224.760         | 31.763          | 0,37%               | 875       | 153        | 372,97         | 52,71           | 0,39%             | 0,48%           | 177,7 days   | 143,6 days    |
| Live Data: 2020-05-18 | 290.678         | 2.722           | 0,62%               | 8.926     | 91         |                |                 |                   |                 |              |               |
| 2020-05-16            | 230.698         | 27.563          | 0,49%               | 515       | 104        | 493,76         | 58,99           | 0,22%             | 0,38%           | 310,2 days   | 183,4 days    |
| Live Data: 2020-05-18 | 243.695         | 34.636          | 0,36%               | 471       | 4          |                |                 |                   |                 |              |               |
| 2020-05-16            | 177.207         | 27.483          | 0,26%               | -112      | -2         | 264,52         | 41,02           | -0,06%            | -0,01%          | -1097,0 days | -9525,2 days  |
| Live Data: 2020-05-18 | 176.651         | 8.049           | 0,27%               | 0         | 0          |                |                 |                   |                 |              |               |
| 2020-05-16            | 241.461         | 34.546          | 0,36%               | 3.457     | 468        | 363,45         | 52,00           | 1,45%             | 1,37%           | 48,1 days    | 50,8 days     |
| Live Data: 2020-05-18 | 179.569         | 28.108          | 0,01%               | 0         | 0          |                |                 |                   |                 |              |               |
| 2020-05-16            | 84.044          | 4.638           | 0,01%               | 6         | 1          | 6,00           | 0,33            | 0,01%             | 0,02%           | 9708,8 days  | 3214,5 days   |
| Live Data: 2020-05-18 | 82.954          | 4.634           | 0,01%               | 0         | 0          |                |                 |                   |                 |              |               |
| 2020-05-16            | 90.648          | 2.871           | 0,01%               | 4.864     | 118        | 6,62           | 0,21            | 5,67%             | 4,29%           | 12,6 days    | 16,5 days     |
| Live Data: 2020-05-18 | 96.169          | 3.029           | 0,07%               | 0         | 0          |                |                 |                   |                 |              |               |
| 2020-05-16            | 272.043         | 2.537           | 0,19%               | 9.200     | 119        | 185,22         | 1,73            | 3,50%             | 4,92%           | 20,1 days    | 14,4 days     |

# COVID-19 Statistics WORLD

| WORLD   |       |                           |  |
|---|-------|---------------------------|--|
| Data from (t-21):   |       | Data to (t-1):            |  |
| 2020-04-26  |       | 2020-05-16                |  |
| Statistic created:  |       | Author:                   |  |
| 2020-05-18  |       | Tom Gries                 |  |
| 1st Case:   | Days: | Population <sup>1</sup> : |  |
| December 2019   | ~ 138 | 7.750.000.000             |  |
| Sources of data <sup>2</sup> :  |       | Template:                 |  |
| <a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a> |       | A-20-04-08                |  |



| Actual Week | 2020-05-16      |                 | t-1              |                   |
|-------------|-----------------|-----------------|------------------|-------------------|
|             | Total Cases (C) | Total Death (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%              |

|  | 2020-05-15      |                 | t-2              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (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%              |

|  | 2020-05-14      |                 | t-3              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (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%              |

|  | 2020-05-13      |                 | t-4              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (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%              |

|  | 2020-05-12      |                 | t-5              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (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%              |

|  | 2020-05-11      |                 | t-6              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (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%              |

|  | 2020-05-10      |                 | t-7              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (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-8              |                   |
|--------------|-----------------|-----------------|------------------|-------------------|
|              | Total Cases (C) | Total Death (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%              |

|  | 2020-05-08      |                 | t-9              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (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%              |

|  | 2020-05-07      |                 | t-10             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (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%              |

|  | 2020-05-06      |                 | t-11             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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%              |

|  | 2020-05-05      |                 | t-12             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (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%              |

|  | 2020-05-04      |                 | t-13             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (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%              |

|  | 2020-05-03      |                 | t-14             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (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-15             |                   |
|---------------|-----------------|-----------------|------------------|-------------------|
|               | Total Cases (C) | Total Death (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%              |

|  | 2020-05-01      |                 | t-16             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 3.345.558       | 238.619         | 88.648           | 5.259             |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 2,7%            | 2,3%            | 25,8 days        | 31,1 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 43,2            | 3,1             | 0,0%             | 9,1%              |

|  | 2020-04-30      |                 | t-17             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 3.256.910       | 233.360         | 84.623           | 5.695             |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 2,7%            | 2,5%            | 26,3 days        | 28,1 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 42,0            | 3,0             | 0,0%             | 9,2%              |

|  | 2020-04-29      |                 | t-18             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 3.172.287       | 227.665         | 75.058           | 6.864             |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 2,4%            | 3,1%            | 28,9 days        | 22,6 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 40,9            | 2,9             | 0,0%             | 9,2%              |

|  | 2020-04-28      |                 | t-19             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 3.097.229       | 220.801         | 73.507           | 6.357             |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 2,4%            | 3,0%            | 28,9 days        | 23,7 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 40,0            | 2,8             | 0,0%             | 9,2%              |

|  | 2020-04-27      |                 | t-20             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 3.023.722       | 214.444         | 68.689           | 4.544             |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 2,3%            | 2,2%            | 30,2 days        | 32,4 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 39,0            | 2,8             | 0,0%             | 9,3%              |

|  | 2020-04-26      |                 | t-21             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 2.955.033       | 209.900         | 73.893           | 3.713             |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 2,6%            | 1,8%            | 27,4 days        | 38,8 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 38,1            | 2,7             | 0,0%             | 9,4%              |

## Explanations:

Cases = C

Death(s) = D

t-1:

Most recent day in report

t-21:

Last day in report

New Cases: Compared to the day before

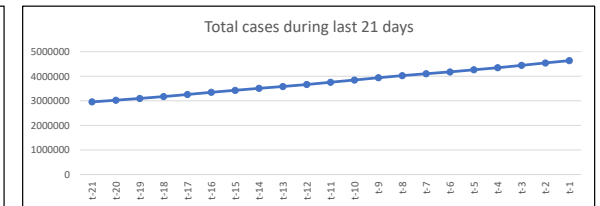
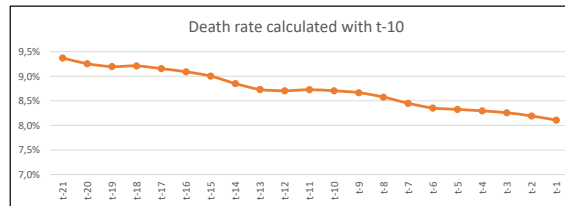
New Death: Compared to the day before

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

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

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

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



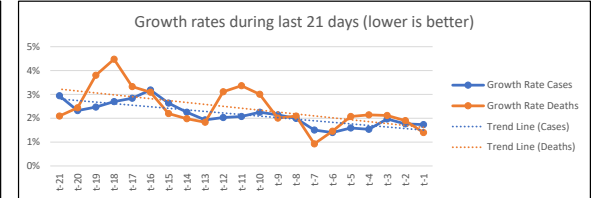
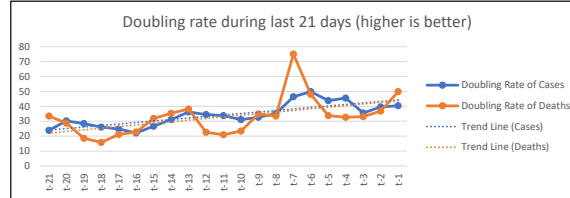
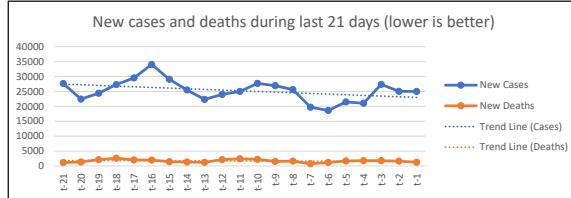
## Footnotes:

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

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

# COVID-19 Statistics US (United States)

| US (United States)  |       |                           |            |
|---|-------|---------------------------|------------|
| Data from (t-21):   |       | Data to (t-1):            |            |
| 2020-04-26  |       | 2020-05-16                |            |
| Statistic created:  |       | Author:                   |            |
| 2020-05-18  |       | Tom Gries                 |            |
| 1st Case:   | Days: | Population <sup>1</sup> : |            |
| 2020-01-22  | 116   | 327.167.434               |            |
| Sources of data <sup>2</sup> :  |       | Template:                 | A-20-04-08 |
| <a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a> |       |                           |            |



| Actual Week | 2020-05-16      |                 | t-1              |                   |  |  |
|-------------|-----------------|-----------------|------------------|-------------------|--|--|
|             | 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-2              |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | 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-3              |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | 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-4              |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | 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-5              |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | 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-6              |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | 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-7              |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | 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%              |  |  |

| One week ago | 2020-05-09      |                 | t-8              |                   |  |  |
|--------------|-----------------|-----------------|------------------|-------------------|--|--|
|              | 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-9              |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | 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%              |  |  |

|  | 2020-05-07      |                 | t-10             |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | 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-11             |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | 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-12             |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | 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-13             |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | 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-14             |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | 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%              |  |  |

| Two weeks ago | 2020-05-02      |                 | t-15             |                   |  |  |
|---------------|-----------------|-----------------|------------------|-------------------|--|--|
|               | 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-16             |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | 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%              |  |  |

|  | 2020-04-30      |                 | t-17             |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |  |  |
|  | 1.069.424       | 62.996          | 29.515           | 2.029             |  |  |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |  |  |
|  | 2,8%            | 3,3%            | 24,8 days        | 21,2 days         |  |  |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |  |  |
|  | 326,9           | 19,3            | 0,3%             | 7,8%              |  |  |

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

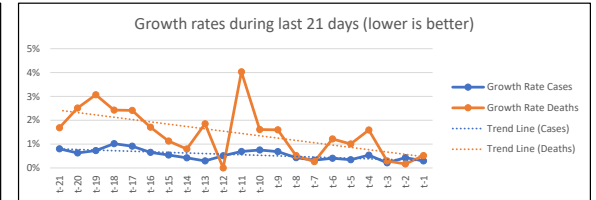
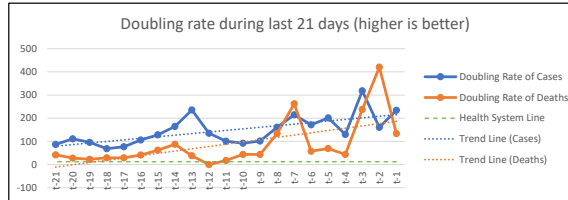
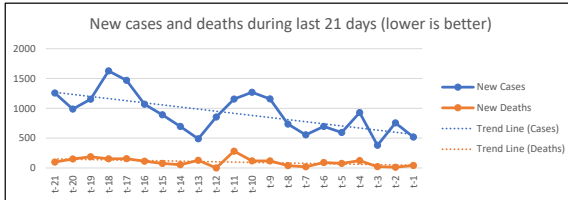
|  | 2020-04-28      |                 | t-19             |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |  |  |
|  | 1.012.582       | 58.355          | 24.385           | 2.136             |  |  |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |  |  |
|  | 2,5%            | 3,8%            | 28,4 days        | 18,6 days         |  |  |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |  |  |
|  | 309,5           | 17,8            | 0,3%             | 7,7%              |  |  |

|  | 2020-04-27      |                 | t-20             |                   |  |  |
|--|-----------------|-----------------|------------------|-------------------|--|--|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |  |  |
|  | 988.197         | 56.219          | 22.412           | 1.338             |  |  |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |  |  |
|  | 2,3%            | 2,4%            | 30,2 days        | 28,8 days         |  |  |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |  |  |
|  | 302,0           | 17,2            | 0,3%             | 7,7%              |  |  |

|  | 2020-04-26 |  |
|--|------------|--|
|--|------------|--|

# COVID-19 Statistics DE (Germany)

| DE (Germany)  |       |                           |            |
|---|-------|---------------------------|------------|
| Data from (t-21):   |       | Data to (t-1):            |            |
| 2020-04-26  |       | 2020-05-16                |            |
| Statistic created:  |       | Author:                   |            |
| 2020-05-18  |       | Tom Gries                 |            |
| 1st Case:   | Days: | Population <sup>1</sup> : |            |
| 2020-01-27  | 111   | 83.019.213                |            |
| Sources of data <sup>2</sup> :  |       | Template:                 | A-20-04-08 |
| <a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a> |       |                           |            |



| Actual Week | 2020-05-16      |                 | t-1              |                   |  |  |
|-------------|-----------------|-----------------|------------------|-------------------|--|--|
|             | Total Cases (C) | Total Death (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%              |  |  |

| One week ago | 2020-05-15      |                 | t-2              |                  |                |                 |
|--------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|              | Total Cases (C) | Total Death (D) | New C            | New D            | 175.233        | 7.897           |
|              | 175.233         | 7.897           | 755              | 13               | 0,4%           | 0,2%            |
|              | Growth C in %   | Growth D %      | Double C in days | Double D in days | 160,5 days     | 420,7 days      |
|              | 0,2%            | 0,3%            | 317,9 days       | 237,3 days       | Cases per 100K | Deaths per 100K |
|              | 210,2           | 9,5             | 0,2%             | 4,7%             |                |                 |

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

| One week ago | 2020-05-13      |                 | t-4              |                  |                |                 |
|--------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|              | Total Cases (C) | Total Death (D) | New C            | New D            | 174.098        | 7.861           |
|              | 174.098         | 7.861           | 927              | 123              | 0,5%           | 1,6%            |
|              | Growth C in %   | Growth D %      | Double C in days | Double D in days | 129,8 days     | 44,0 days       |
|              | 0,5%            | 1,6%            | 129,8 days       | 44,0 days        | Cases per 100K | Deaths per 100K |
|              | 209,7           | 9,5             | 0,2%             | 4,7%             |                |                 |

| One week ago | 2020-05-12      |                 | t-5              |                  |                |                 |
|--------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|              | Total Cases (C) | Total Death (D) | New C            | New D            | 173.171        | 7.738           |
|              | 173.171         | 7.738           | 595              | 77               | 0,3%           | 1,0%            |
|              | Growth C in %   | Growth D %      | Double C in days | Double D in days | 201,4 days     | 69,3 days       |
|              | 0,3%            | 1,0%            | 201,4 days       | 69,3 days        | Cases per 100K | Deaths per 100K |
|              | 208,6           | 9,3             | 0,2%             | 4,7%             |                |                 |

| One week ago | 2020-05-11      |                 | t-6              |                  |                |                 |
|--------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|              | Total Cases (C) | Total Death (D) | New C            | New D            | 172.576        | 7.661           |
|              | 172.576         | 7.661           | 697              | 92               | 0,4%           | 1,2%            |
|              | Growth C in %   | Growth D %      | Double C in days | Double D in days | 171,3 days     | 57,4 days       |
|              | 0,4%            | 1,2%            | 171,3 days       | 57,4 days        | Cases per 100K | Deaths per 100K |
|              | 207,9           | 9,2             | 0,2%             | 4,6%             |                |                 |

| One week ago | 2020-05-10      |                 | t-7              |                  |                |                 |
|--------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|              | Total Cases (C) | Total Death (D) | New C            | New D            | 171.879        | 7.569           |
|              | 171.879         | 7.569           | 555              | 20               | 0,3%           | 0,3%            |
|              | Growth C in %   | Growth D %      | Double C in days | Double D in days | 214,3 days     | 262,0 days      |
|              | 0,3%            | 0,3%            | 214,3 days       | 262,0 days       | Cases per 100K | Deaths per 100K |
|              | 207,0           | 9,1             | 0,2%             | 4,6%             |                |                 |

| One week ago | 2020-05-09      |                 | t-8              |                  |                |                 |
|--------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|              | Total Cases (C) | Total Death (D) | New C            | New D            | 171.324        | 7.549           |
|              | 171.324         | 7.549           | 736              | 39               | 0,4%           | 0,5%            |
|              | Growth C in %   | Growth D %      | Double C in days | Double D in days | 161,0 days     | 133,8 days      |
|              | 0,4%            | 0,5%            | 161,0 days       | 133,8 days       | Cases per 100K | Deaths per 100K |
|              | 206,4           | 9,1             | 0,2%             | 4,6%             |                |                 |

| One week ago | 2020-05-08      |                 | t-9              |                  |                |                 |
|--------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|              | Total Cases (C) | Total Death (D) | New C            | New D            | 170.588        | 7.510           |
|              | 170.588         | 7.510           | 1.158            | 118              | 0,7%           | 1,6%            |
|              | Growth C in %   | Growth D %      | Double C in days | Double D in days | 101,8 days     | 43,8 days       |
|              | 0,7%            | 1,6%            | 101,8 days       | 43,8 days        | Cases per 100K | Deaths per 100K |
|              | 205,5           | 9,0             | 0,2%             | 4,6%             |                |                 |

| One week ago | 2020-05-07      |                 | t-10             |                  |                |                 |
|--------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|              | Total Cases (C) | Total Death (D) | New C            | New D            | 169.430        | 7.392           |
|              | 169.430         | 7.392           | 1.268            | 117              | 0,8%           | 1,6%            |
|              | Growth C in %   | Growth D %      | Double C in days | Double D in days | 92,3 days      | 43,4 days       |
|              | 0,8%            | 1,6%            | 92,3 days        | 43,4 days        | Cases per 100K | Deaths per 100K |
|              | 204,1           | 8,9             | 0,2%             | 4,6%             |                |                 |

| One week ago | 2020-05-06      |                 | t-11             |                  |                |                 |
|--------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|              | Total Cases (C) | Total Death (D) | New C            | New D            | 168.162        | 7.275           |
|              | 168.162         | 7.275           | 1.155            | 282              | 0,7%           | 4,0%            |
|              | Growth C in %   | Growth D %      | Double C in days | Double D in days | 100,6 days     | 17,5 days       |
|              | 0,7%            | 4,0%            | 100,6 days       | 17,5 days        | Cases per 100K | Deaths per 100K |
|              | 202,6           | 8,8             | 0,2%             | 4,6%             |                |                 |

| One week ago | 2020-05-05      |                 | t-12             |                  |                |                 |
|--------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|              | Total Cases (C) | Total Death (D) | New C            | New D            | 167.007        | 6.993           |
|              | 167.007         | 6.993           | 855              | 0                | 0,5%           | 0,0%            |
|              | Growth C in %   | Growth D %      | Double C in days | Double D in days | 135,0 days     | -----           |
|              | 0,5%            | 0,0%            | 135,0 days       | -----            | Cases per 100K | Deaths per 100K |
|              | 201,2           | 8,4             | 0,2%             | 4,4%             |                |                 |

| One week ago | 2020-05-04      |                 | t-13             |                  |                |                 |
|--------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|              | Total Cases (C) | Total Death (D) | New C            | New D            | 166.152        | 6.993           |
|              | 166.152         | 6.993           | 488              | 127              | 0,3%           | 1,8%            |
|              | Growth C in %   | Growth D %      | Double C in days | Double D in days | 235,7 days     | 37,8 days       |
|              | 0,3%            | 1,8%            | 235,7 days       | 37,8 days        | Cases per 100K | Deaths per 100K |
|              | 200,1           | 8,4             | 0,2%             | 4,5%             |                |                 |

| One week ago | 2020-05-03      |                 | t-14             |                  |                |                 |
|--------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|              | Total Cases (C) | Total Death (D) | New C            | New D            | 165.664        | 6.866           |
|              | 165.664         | 6.866           | 697              | 54               | 0,4%           | 0,8%            |
|              | Growth C in %   | Growth D %      | Double C in days | Double D in days | 164,4 days     | 87,8 days       |
|              | 0,4%            | 0,8%            | 164,4 days       | 87,8 days        | Cases per 100K | Deaths per 100K |
|              | 199,5           | 8,3             | 0,2%             | 4,4%             |                |                 |

| Two weeks ago | 2020-05-02      |                 | t-15             |                  |                |                 |
|---------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|               | Total Cases (C) | Total Death (D) | New C            | New D            | 164.967        | 6.812           |
|               | 164.967         | 6.812           | 890              | 76               | 0,5%           | 1,1%            |
|               | Growth C in %   | Growth D %      | Double C in days | Double D in days | 128,1 days     | 61,8 days       |
|               | 0,5%            | 1,1%            | 128,1 days       | 61,8 days        | Cases per 100K | Deaths per 100K |
|               | 198,7           | 8,2             | 0,2%             | 4,4%             |                |                 |

| Two weeks ago | 2020-05-01      |                 | t-16             |                  |                |                 |
|---------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|               | Total Cases (C) | Total Death (D) | New C            | New D            | 164.077        | 6.736           |
|               | 164.077         | 6.736           | 1.068            | 113              | 0,7%           | 1,7%            |
|               | Growth C in %   | Growth D %      | Double C in days | Double D in days | 106,1 days     | 41,0 days       |
|               | 0,7%            | 1,7%            | 106,1 days       | 41,0 days        | Cases per 100K | Deaths per 100K |
|               | 197,6           | 8,1             | 0,2%             | 4,5%             |                |                 |

| Two weeks ago | 2020-04-30      |                 | t-17             |                  |                |                 |
|---------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|               | Total Cases (C) | Total Death (D) | New C            | New D            | 163.009        | 6.623           |
|               | 163.009         | 6.623           | 1.470            | 156              | 0,9%           | 2,4%            |
|               | Growth C in %   | Growth D %      | Double C in days | Double D in days | 76,5 days      | 29,1 days       |
|               | 0,9%            | 2,4%            | 76,5 days        | 29,1 days        | Cases per 100K | Deaths per 100K |
|               | 196,4           | 8,0             | 0,2%             | 4,5%             |                |                 |

| Two weeks ago | 2020-04-29      |                 | t-18             |                  |                |                 |
|---------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|               | Total Cases (C) | Total Death (D) | New C            | New D            | 161.539        | 6.467           |
|               | 161.539         | 6.467           | 1.627            | 153              | 1,0%           | 2,4%            |
|               | Growth C in %   | Growth D %      | Double C in days | Double D in days | 68,5 days      | 28,9 days       |
|               | 1,0%            | 2,4%            | 68,5 days        | 28,9 days        | Cases per 100K | Deaths per 100K |
|               | 194,6           | 7,8             | 0,2%             | 4,4%             |                |                 |

| Two weeks ago | 2020-04-28      |                 | t-19             |                  |                |                 |
|---------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|               | Total Cases (C) | Total Death (D) | New C            | New D            | 159.912        | 6.314           |
|               | 159.912         | 6.314           | 1.154            | 188              | 0,7%           | 3,1%            |
|               | Growth C in %   | Growth D %      | Double C in days | Double D in days | 95,7 days      | 22,9 days       |
|               | 0,7%            | 3,1%            | 95,7 days        | 22,9 days        | Cases per 100K | Deaths per 100K |
|               | 192,6           | 7,6             | 0,2%             | 4,3%             |                |                 |

| Two weeks ago | 2020-04-27      |                 | t-20             |                  |                |                 |
|---------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|               | Total Cases (C) | Total Death (D) | New C            | New D            | 158.758        | 6.126           |
|               | 158.758         | 6.126           | 988              | 150              | 0,6%           | 2,5%            |
|               | Growth C in %   | Growth D %      | Double C in days | Double D in days | 111,0 days     | 28,0 days       |
|               | 0,6%            | 2,5%            | 111,0 days       | 28,0 days        | Cases per 100K | Deaths per 100K |
|               | 191,2           | 7,4             | 0,2%             | 4,3%             |                |                 |

| Two weeks ago | 2020-04-26      |                 | t-21             |                  |                |                 |
|---------------|-----------------|-----------------|------------------|------------------|----------------|-----------------|
|               | Total Cases (C) | Total Death (D) | New C            | New D            | 157.770        | 5.976           |
|               | 157.770         | 5.976           | 1.257            | 99               | 0,8%           | 1,7%            |
|               | Growth C in %   | Growth D %      | Double C in days | Double D in days | 86,7 days      | 41,5 days       |
|               | 0,8%            | 1,7%            | 86,7 days        | 41,5 days        | Cases per 100K | Deaths per 100K |
|               | 190,0           | 7,2             | 0,2%             | 4,2%             |                |                 |

## Explanations:

Cases = C

Death(s) = D

t-1:

Most recent day in report

t-21:

Last day in report

New Cases:

Compared to the day before

New Death:

Compared to the day before

Growth Rate:

Growth rate compared to the day before in percent

Time to double:

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

Recovered:

Not used because this is not an official and countable number

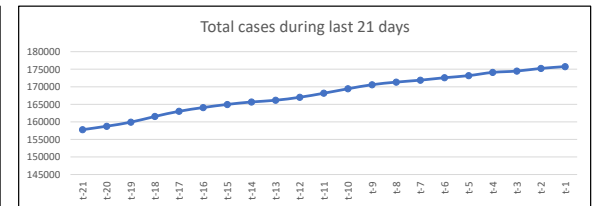
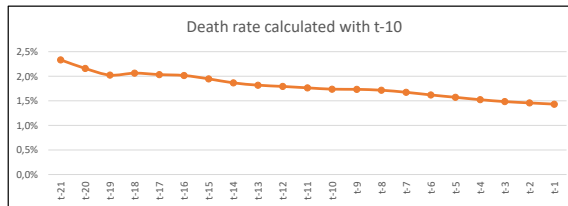
CFR:

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

## Footnotes:

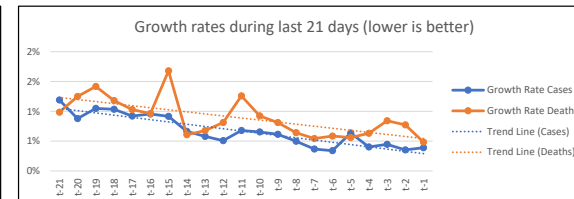
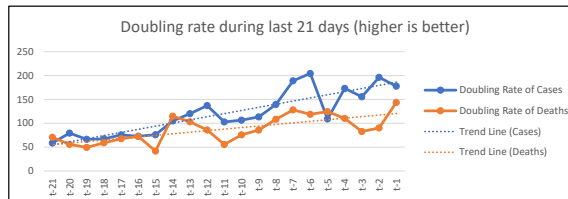
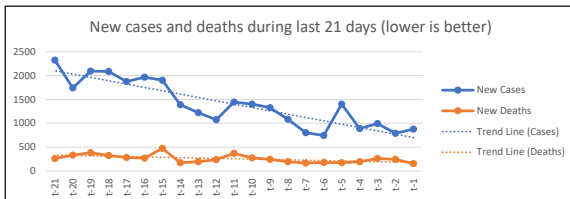
<sup>1</sup> Population from Wikipedia (DE)

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



# COVID-19 Statistics IT (Italy)

| IT (Italy)  |       |                           |            |
|---|-------|---------------------------|------------|
| Data from (t-21):   |       | Data to (t-1):            |            |
| 2020-04-26  |       | 2020-05-16                |            |
| Statistic created:  |       | Author:                   |            |
| 2020-05-18  |       | Tom Gries                 |            |
| 1st Case:   | Days: | Population <sup>1</sup> : |            |
| 2020-01-31  | 107   | 60.262.701                |            |
| Sources of data <sup>2</sup> :  |       | Template:                 | A:20-04-08 |
| <a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a> |       |                           |            |



| Actual Week | 2020-05-16      |                 | t-1              |                   |
|-------------|-----------------|-----------------|------------------|-------------------|
|             | 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-2              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-3              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-4              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-5              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-6              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-7              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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%             |

| One week ago | 2020-05-09      |                 | t-8              |                   |
|--------------|-----------------|-----------------|------------------|-------------------|
|              | 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-9              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-10             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-11             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-12             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-13             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-14             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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%             |

| Two weeks ago | 2020-05-02      |                 | t-15             |                   |
|---------------|-----------------|-----------------|------------------|-------------------|
|               | 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-16             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-17             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-18             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 203.591         | 27.682          | 2.086            | 323               |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 1,0%            | 1,2%            | 67,3 days        | 59,1 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 337,8           | 45,9            | 0,3%             | 15,3%             |

|  | 2020-04-28      |                 | t-19             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 201.505         | 27.359          | 2.091            | 382               |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 1,0%            | 1,4%            | 66,4 days        | 49,3 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 334,4           | 45,4            | 0,3%             | 15,3%             |

|  | 2020-04-27      |                 | t-20             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 199.414         | 26.977          | 1.739            | 333               |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 0,9%            | 1,2%            | 79,1 days        | 55,8 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 330,9           | 44,8            | 0,3%             | 15,3%             |

|  | 2020-04-26      |                 | t-21             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 197.675         | 26.644          | 2.324            | 260               |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 1,2%            | 1,0%            | 58,6 days        | 70,7 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 328,0           | 44,2            | 0,3%             | 15,5%             |

## Explanations:

Cases = C

Death(s) = D

t-1: Most recent day in report

t-21: Last day in report

New Cases: Compared to the day before

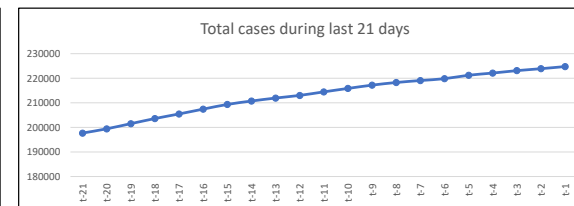
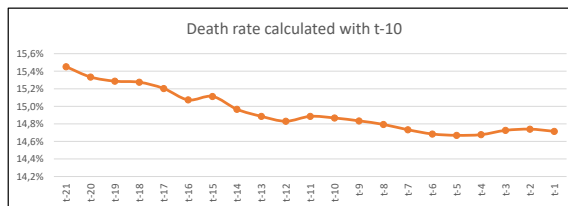
New Death: Compared to the day before

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

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

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

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



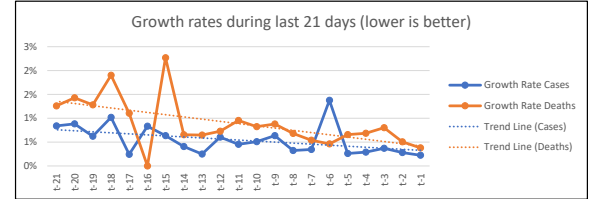
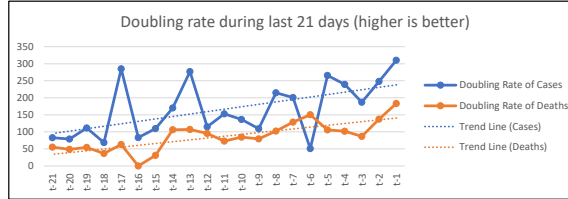
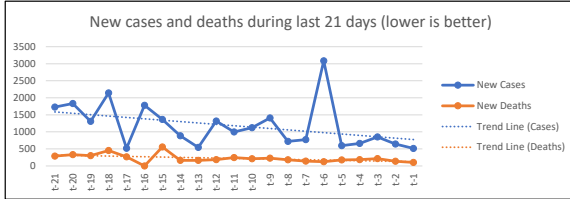
## Footnotes:

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

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

# COVID-19 Statistics ES (Spain)

|   |              |                                |            |
|---|--------------|--------------------------------|------------|
| <b>ES (Spain)</b>   |              |                                |            |
| <b>Data from (t-21):</b>  |              | <b>Data to (t-1):</b>          |            |
| 2020-04-26  |              | 2020-05-16                     |            |
| <b>Statistic created:</b>   |              | <b>Author:</b>                 |            |
| 2020-05-18  |              | Tom Gries                      |            |
| <b>1st Case:</b>  | <b>Days:</b> | <b>Population<sup>1</sup>:</b> |            |
| 2020-02-01  | 106          | 46.722.980                     |            |
| <b>Sources of data<sup>2</sup>:</b>   |              | <b>Template:</b>               | A-20-04-08 |
| <a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a> |              |                                |            |



|             |                 |                 |                  |                   |
|-------------|-----------------|-----------------|------------------|-------------------|
| Actual Week | 2020-05-16      | t-1             |                  |                   |
|             | 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-2             |                  |                   |
|  | 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-3             |                  |                   |
|  | 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-4             |                  |                   |
|  | 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-5             |                  |                   |
|  | 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-6             |                  |                   |
|  | 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-7             |                  |                   |
|  | 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%             |

|              |                 |                 |                  |                   |
|--------------|-----------------|-----------------|------------------|-------------------|
| One week ago | 2020-05-09      | t-8             |                  |                   |
|              | 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-9             |                  |                   |
|  | 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-10            |                  |                   |
|  | 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-11            |                  |                   |
|  | 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-12            |                  |                   |
|  | 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-13            |                  |                   |
|  | 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-14            |                  |                   |
|  | 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%             |

|               |                 |                 |                  |                   |
|---------------|-----------------|-----------------|------------------|-------------------|
| Two weeks ago | 2020-05-02      | t-15            |                  |                   |
|               | 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-16            |                  |                   |
|  | 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-17            |                  |                   |
|  | 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-18            |                  |                   |
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 212.917         | 24.275          | 2.144            | 453               |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 1,0%            | 1,9%            | 68,5 days        | 36,8 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 455,7           | 52,0            | 0,5%             | 12,1%             |

|  |                 |                 |                  |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 2020-04-28      | t-19            |                  |                   |
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 210.773         | 23.822          | 1.308            | 301               |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 0,6%            | 1,3%            | 111,3 days       | 54,5 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 451,1           | 51,0            | 0,5%             | 12,0%             |

|  |                 |                 |                  |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 2020-04-27      | t-20            |                  |                   |
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 209.465         | 23.521          | 1.831            | 331               |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 0,9%            | 1,4%            | 78,9 days        | 48,9 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 448,3           | 50,3            | 0,4%             | 12,3%             |

|  |                 |                 |                  |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 2020-04-26      | t-21            |                  |                   |
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 207.634         | 23.190          | 1.729            | 288               |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 0,8%            | 1,3%            | 82,9 days        | 55,5 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 444,4           | 49,6            | 0,4%             | 12,2%             |

## Explanations:

Cases = C

Death(s) = D

t-1: Most recent day in report

t-21: Last day in report

New Cases: Compared to the day before

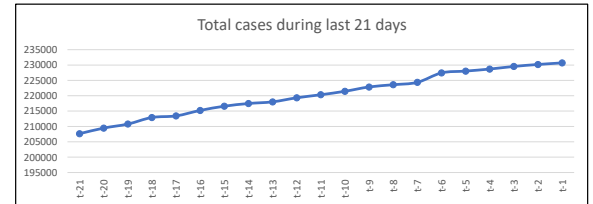
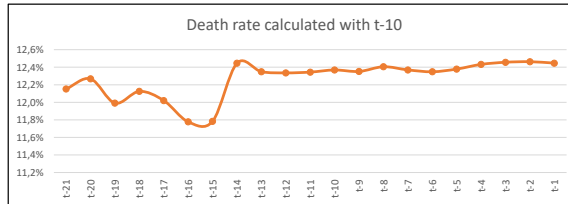
New Death: Compared to the day before

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

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

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

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



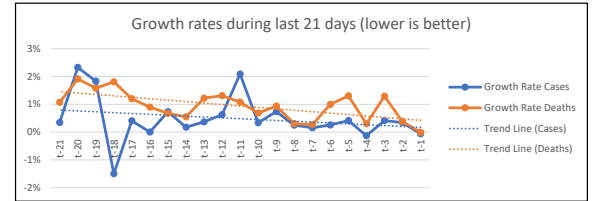
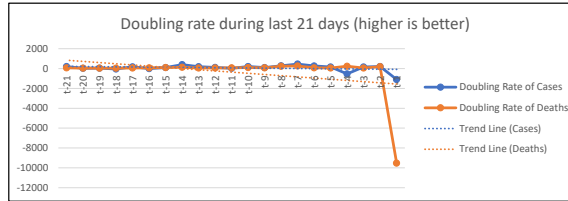
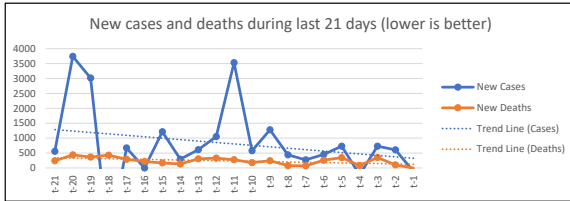
## Footnotes:

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

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

# COVID-19 Statistics FR (France)

| FR (France)   |       |                           |            |
|---|-------|---------------------------|------------|
| Data from (t-21):   |       | Data to (t-1):            |            |
| 2020-04-26  |       | 2020-05-16                |            |
| Statistic created:  |       | Author:                   |            |
| 2020-05-18  |       | Tom Gries                 |            |
| 1st Case:   | Days: | Population <sup>1</sup> : |            |
| 2020-01-24  | 114   | 66.993.000                |            |
| Sources of data <sup>2</sup> :  |       | Template:                 | A-20-04-08 |
| <a href="http://tome.one/COVID-19-statistic">http://tome.one/COVID-19-statistic</a> |       |                           |            |



| Actual Week  | 2020-05-16      |                 | t-1              |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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-2              |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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-3              |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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-4              |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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-5              |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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-6              |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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-7              |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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%            |                  |

| One week ago   | 2020-05-09      |                 | t-8              |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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-9              |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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-10             |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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-11             |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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%            |                  |

|  | 2020-05-05      |                 | t-12             |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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-13             |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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-14             |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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%            |                  |

| Two weeks ago  | 2020-05-02      |                 | t-15             |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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-16             |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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-17             |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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-18             |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | 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%            |                  |

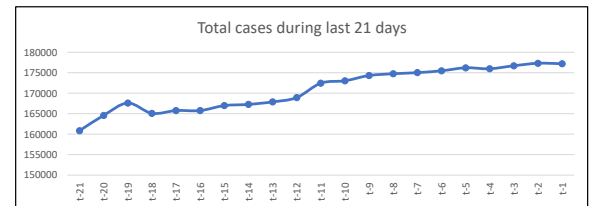
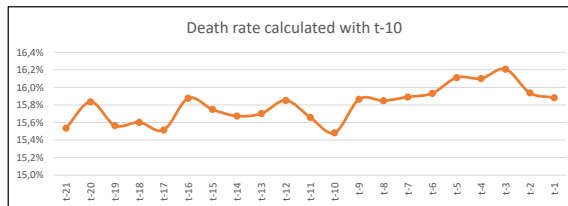
|  | 2020-04-28      |                 | t-19             |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D            |
|  | 167.605         | 23.629          | 3.016            | 367              |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days |
|  | 1,8%            | 1,6%            | 38,2 days        | 44,3 days        |
| Cases per 100K Deaths per 100K C of Population Death Rate (t-10) |                 |                 |                  |                  |
| 250,2  | 35,3            | 0,3%            | 15,6%            |                  |

|  | 2020-04-27      |                 | t-20             |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D            |
|  | 164.589         | 23.262          | 3.742            | 437              |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days |
|  | 2,3%            | 1,9%            | 30,1 days        | 36,5 days        |
| Cases per 100K Deaths per 100K C of Population Death Rate (t-10) |                 |                 |                  |                  |
| 245,7  | 34,7            | 0,2%            | 15,8%            |                  |

|  | 2020-04-26      |                 | t-21             |                  |
|--|-----------------|-----------------|------------------|------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D            |
|  | 160.847         | 22.825          | 555              | 242              |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days |
|  | 0,3%            | 1,1%            | 200,5 days       | 65,0 days        |
| Cases per 100K Deaths per 100K C of Population Death Rate (t-10) |                 |                 |                  |                  |
| 240,1  | 34,1            | 0,2%            | 15,5%            |                  |

## 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/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.

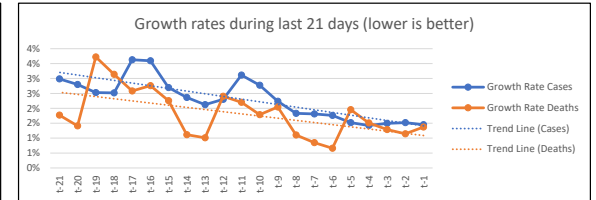
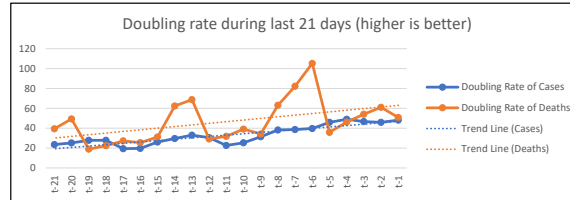
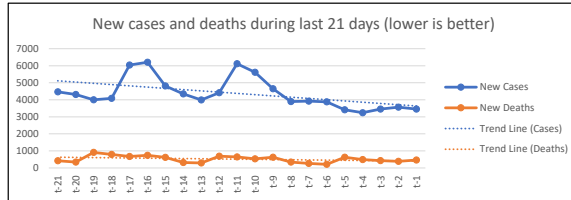


## Footnotes:

- Population from Wikipedia (DE)
- 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):            |            |
| 2020-04-26  |       | 2020-05-16                |            |
| Statistic created:  |       | Author:                   |            |
| 2020-05-18  |       | Tom Gries                 |            |
| 1st Case:   | Days: | Population <sup>1</sup> : |            |
| 2020-01-31  | 107   | 66.435.550                |            |
| Sources of data <sup>2</sup> :  |       | Template:                 | A-20-04-08 |
| <a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a> |       |                           |            |



| Actual Week | 2020-05-16      |                 | t-1              |                   | New C |  | New D |  |
|-------------|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|             | 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-2              |                   | New C |  | New D |  |
|--|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|  | 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-3              |                   | New C |  | New D |  |
|--|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|  | 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-4              |                   | New C |  | New D |  |
|--|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|  | 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%             |       |  |       |  |

|  | 2020-05-12      |                 | t-5              |                   | New C |  | New D |  |
|--|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|  | 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-6              |                   | New C |  | New D |  |
|--|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|  | 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-7              |                   | New C |  | New D |  |
|--|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|  | 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%             |       |  |       |  |

| One week ago | 2020-05-09      |                 | t-8              |                   | New C |  | New D |  |
|--------------|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|              | 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-9              |                   | New C |  | New D |  |
|--|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|  | 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-10             |                   | New C |  | New D |  |
|--|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|  | 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-11             |                   | New C |  | New D |  |
|--|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|  | 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%             |       |  |       |  |

|  | 2020-05-05      |                 | t-12             |                   | New C |  | New D |  |
|--|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|  | 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-13             |                   | New C |  | New D |  |
|--|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|  | 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-14             |                   | New C |  | New D |  |
|--|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|  | 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%             |       |  |       |  |

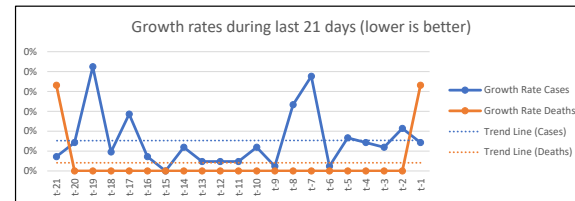
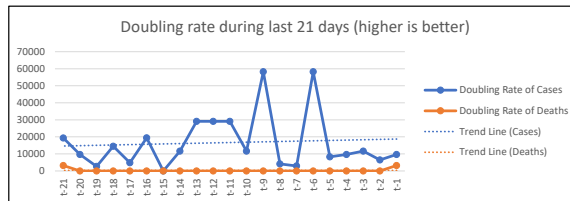
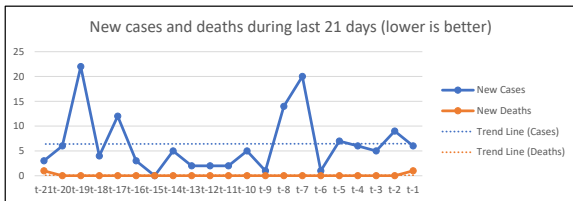
| Two weeks ago | 2020-05-02      |                 | t-15             |                   | New C |  | New D |  |
|---------------|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|               | Total Cases (C) | Total Death (D) | New C            | 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-16             |                   | New C |  | New D |  |
|--|-----------------|-----------------|------------------|-------------------|-------|--|-------|--|
|  | 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%             |       |  |       |  |



# COVID-19 Statistics CN (China)

|   |              |                                |  |
|---|--------------|--------------------------------|--|
| <b>CN (China)</b>   |              |                                |  |
| <b>Data from (t-21):</b>  |              | <b>Data to (t-1):</b>          |  |
| 2020-04-26  |              | 2020-05-16                     |  |
| <b>Statistic created:</b>   |              | <b>Author:</b>                 |  |
| 2020-05-18  |              | Tom Gries                      |  |
| <b>1st Case:</b>  | <b>Days:</b> | <b>Population<sup>1</sup>:</b> |  |
| December 2019   | ~ 138        | 1.400.050.000                  |  |
| <b>Sources of data<sup>2</sup>:</b>   |              | <b>Template:</b>               |  |
| <a href="http://tomo.one/COVID-19-statistic">http://tomo.one/COVID-19-statistic</a> |              | A-20-04-08                     |  |



|             |                 |                 |                  |                   |      |  |
|-------------|-----------------|-----------------|------------------|-------------------|------|--|
| Actual Week | 2020-05-16      |                 | t-1              |                   |      |  |
|             | 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-2              |                   |      |  |
|  | 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-3              |                   |      |  |
|  | 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-4              |                   |      |  |
|  | 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-5              |                   |      |  |
|  | 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-6              |                   |      |  |
|  | 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-7              |                   |      |  |
|  | 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% |  |

|              |                 |                 |                  |                   |      |  |
|--------------|-----------------|-----------------|------------------|-------------------|------|--|
| One week ago | 2020-05-09      |                 | t-8              |                   |      |  |
|              | 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-9              |                   |      |  |
|  | 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-10             |                   |      |  |
|  | 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-11             |                   |      |  |
|  | 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-12             |                   |      |  |
|  | 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-13             |                   |      |  |
|  | 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-14             |                   |      |  |
|  | 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% |  |

|               |                 |                 |                  |                   |      |  |
|---------------|-----------------|-----------------|------------------|-------------------|------|--|
| Two weeks ago | 2020-05-02      |                 | t-15             |                   |      |  |
|               | 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-16             |                   |      |  |
|  | 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-17             |                   |      |  |
|  | 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% |  |

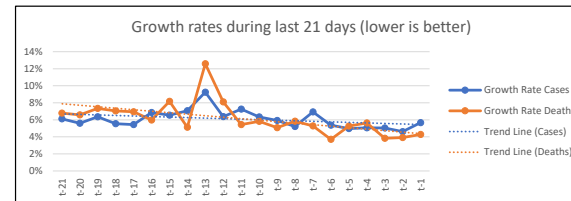
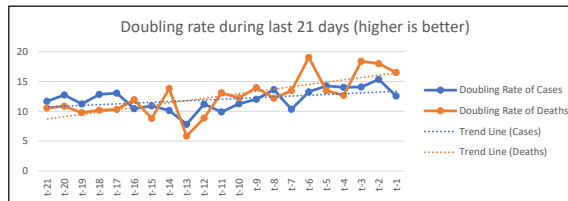
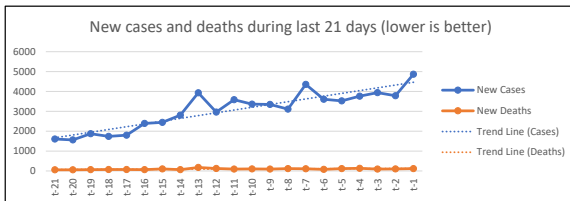
|  |                 |                 |                  |                   |      |  |
|--|-----------------|-----------------|------------------|-------------------|------|--|
|  | 2020-04-29      |                 | t-18             |                   |      |  |
|  | Total Cases (C) | Total Death (D) | New C            | New D             |      |  |
|  | 83.944          | 4.637           | 4                | 0                 |      |  |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |      |  |
|  | 0,0%            | 0,0%            | -----            | -----             |      |  |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |      |  |
|  |                 | 6,0             | 0,3              | 0,0%              | 5,5% |  |

|  |                 |                 |                  |                   |      |  |
|--|-----------------|-----------------|------------------|-------------------|------|--|
|  | 2020-04-28      |                 | t-19             |                   |      |  |
|  | Total Cases (C) | Total Death (D) | New C            | New D             |      |  |
|  | 83.940          | 4.637           | 22               | 0                 |      |  |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |      |  |
|  | 0,0%            | 0,0%            | 2644,3 days      | -----             |      |  |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |      |  |
|  |                 | 6,0             | 0,3              | 0,0%              | 5,5% |  |

|                 |  |                 |  |                  |                   |
|-----------------|--|-----------------|--|------------------|-------------------|
| 2020-04-27      |  | t-20            |  |                  |                   |
| Total Cases (C) |  | Total Death (D) |  | New C            | New D             |
| 83.918          |  | 4.637           |  | 6                | 0                 |
| Growth C in %   |  | Growth D %      |  | Double C in days | Double D in days  |
| 0,0%            |  | 0,0%            |  | 9694,2 days      | -----             |
| Cases per 100K  |  | Deaths per 100K |  | C of Population  | Death Rate (t-10) |
| 6,0             |  | 0,3             |  | 0,0%             | 5,5%              |

# COVID-19 Statistics IN (India)

| IN (India)  |       |                           |  |
|---|-------|---------------------------|--|
| Data from (t-21):   |       | Data to (t-1):            |  |
| 2020-04-26  |       | 2020-05-16                |  |
| Statistic created:  |       | Author:                   |  |
| 2020-05-18  |       | Tom Gries                 |  |
| 1st Case:   | Days: | Population <sup>1</sup> : |  |
| 2020-01-30  | 108   | 1.368.738.000             |  |
| Sources of data <sup>2</sup> :  |       | Template:                 |  |
| <a href="http://tome.one/COVID-19-statistic">http://tome.one/COVID-19-statistic</a> |       | A-20-04-08                |  |



| Actual Week | 2020-05-16      |                 | t-1              |                   |
|-------------|-----------------|-----------------|------------------|-------------------|
|             | 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-2              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-3              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-4              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-5              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-6              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-7              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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%              |

| One week ago | 2020-05-09      |                 | t-8              |                   |
|--------------|-----------------|-----------------|------------------|-------------------|
|              | 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-9              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-10             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-11             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-12             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-13             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-14             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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%              |

| Two weeks ago | 2020-05-02      |                 | t-15             |                   |
|---------------|-----------------|-----------------|------------------|-------------------|
|               | 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-16             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-17             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-18             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 33.062          | 1.079           | 1.738            | 71                |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 5,5%            | 7,0%            | 12,8 days        | 10,2 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 2,4             | 0,1             | 0,0%             | 5,8%              |

|  | 2020-04-28      |                 | t-19             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 31.324          | 1.008           | 1.873            | 69                |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 6,4%            | 7,3%            | 11,2 days        | 9,8 days          |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 2,3             | 0,1             | 0,0%             | 5,7%              |

|  | 2020-04-27      |                 | t-20             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 29.451          | 939             | 1.561            | 58                |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 5,6%            | 6,6%            | 12,7 days        | 10,9 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 2,2             | 0,1             | 0,0%             | 6,0%              |

|  | 2020-04-26      |                 | t-21             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 27.890          | 881             | 1.607            | 56                |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 6,1%            | 6,8%            | 11,7 days        | 10,6 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 2,0             | 0,1             | 0,0%             | 6,1%              |

## Explanations:

Cases = C

Death(s) = D

t-1: Most recent day in report

t-21: Last day in report

New Cases: Compared to the day before

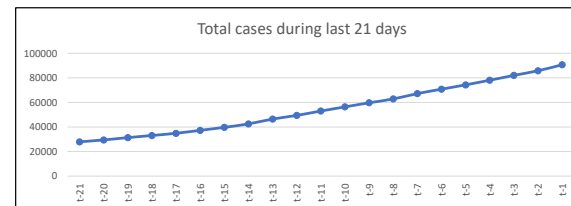
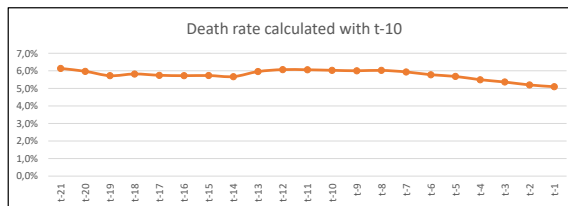
New Death: Compared to the day before

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

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

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

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



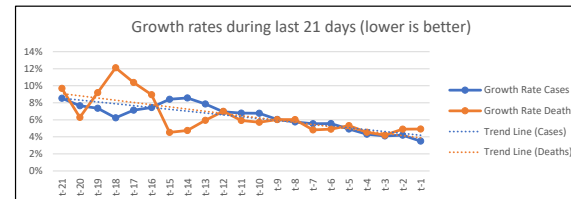
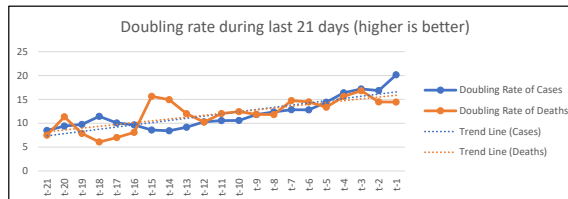
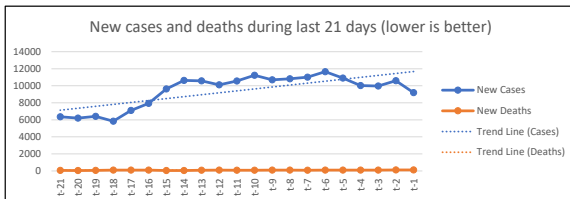
## Footnotes:

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

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

# COVID-19 Statistics RU (Russia)

| RU (Russia)   |       |                           |  |
|---|-------|---------------------------|--|
| Data from (t-21):   |       | Data to (t-1):            |  |
| 2020-04-26  |       | 2020-05-16                |  |
| Statistic created:  |       | Author:                   |  |
| 2020-05-18  |       | Tom Gries                 |  |
| 1st Case:   | Days: | Population <sup>1</sup> : |  |
| 2020-01-31  | 107   | 146.877.088               |  |
| Sources of data <sup>2</sup> :  |       | Template:                 |  |
| <a href="http://tome.one/COVID-19-statistic">http://tome.one/COVID-19-statistic</a> |       | A-20-04-08                |  |



| Actual Week | 2020-05-16      |                 | t-1              |                   |
|-------------|-----------------|-----------------|------------------|-------------------|
|             | 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-2              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-3              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-4              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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%              |

|  | 2020-05-12      |                 | t-5              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-6              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-7              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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%              |

| One week ago | 2020-05-09      |                 | t-8              |                   |
|--------------|-----------------|-----------------|------------------|-------------------|
|              | 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-9              |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-10             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-11             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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%              |

|  | 2020-05-05      |                 | t-12             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-13             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-14             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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%              |

| Two weeks ago | 2020-05-02      |                 | t-15             |                   |
|---------------|-----------------|-----------------|------------------|-------------------|
|               | 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-16             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-17             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | 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-18             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 99.399          | 972             | 5.841            | 105               |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 6,2%            | 12,1%           | 11,4 days        | 6,1 days          |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 67,7            | 0,7             | 0,1%             | 2,1%              |

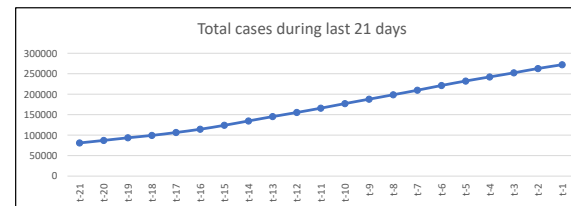
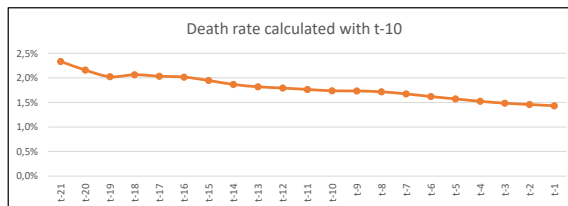
|  | 2020-04-28      |                 | t-19             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 93.558          | 867             | 6.411            | 73                |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 7,4%            | 9,2%            | 9,8 days         | 7,9 days          |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 63,7            | 0,6             | 0,1%             | 2,0%              |

|  | 2020-04-27      |                 | t-20             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 87.147          | 794             | 6.198            | 47                |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 7,7%            | 6,3%            | 9,4 days         | 11,4 days         |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 59,3            | 0,5             | 0,1%             | 2,2%              |

|  | 2020-04-26      |                 | t-21             |                   |
|--|-----------------|-----------------|------------------|-------------------|
|  | Total Cases (C) | Total Death (D) | New C            | New D             |
|  | 80.949          | 747             | 6.361            | 66                |
|  | Growth C in %   | Growth D %      | Double C in days | Double D in days  |
|  | 8,5%            | 9,7%            | 8,5 days         | 7,5 days          |
|  | Cases per 100K  | Deaths per 100K | C of Population  | Death Rate (t-10) |
|  | 55,1            | 0,5             | 0,1%             | 2,3%              |

## Explanations:

Cases = C  
 Death(s) = D  
 t-1: Most recent day in report  
 t-21: Last day in report  
 New Cases: Compared to the day before  
 New Death: Compared to the day before  
 Growth Rate: Groth rate compared to the day before in percent  
 Time to double: The time it takes until the actual cases/deathes are doubled in days  
 Recovered: Not used because this is not an official and countable number  
 CFR: Case Fatality Rate (letality). Not used because this can be computed only AFTER a pandemic. Actual not a serious number.



## Footnotes:

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

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