Covid19 Germany Deutschland (RKI data)

April 12, 2020

	IdBundesland	Bundesland	Landkreis	Altersgruppe	\
35347	8	Baden-Württemberg	LK Böblingen	A15-A34	
59749	9	Bayern	LK Starnberg	A35-A59	
58986	9	Bayern	LK Landsberg a.Lech	A15-A34	
52560	9	Bayern	SK München	A15-A34	
58301	9	Bayern	LK Fürstenfeldbruck	A15-A34	
...	...	...	...	...	
76793	9	Bayern	LK Oberallgäu	A80+	
34501	7	Rheinland-Pfalz	LK Mainz-Bingen	A80+	
57391	9	Bayern	LK Eichstätt	A80+	
48495	8	Baden-Württemberg	LK Tuttlingen	A15-A34	
66117	9	Bayern	LK Straubing-Bogen	A35-A59	

	Geschlecht	AnzahlFall	AnzahlTodesfall	ObjectId	Meldedatum	\
35347	M	1	0	1705018	2020-01-05	
59749	M	1	0	1728420	2020-01-28	
58986	M	1	0	1726657	2020-01-28	
52560	W	1	0	1722231	2020-01-29	
58301	M	1	0	1725972	2020-01-29	
...	...	...	...	...	...	
76793	W	1	0	1742464	2020-04-10	
34501	W	1	0	1704172	2020-04-10	
57391	W	1	0	1725062	2020-04-10	
48495	W	1	0	1717166	2020-04-10	
66117	M	1	0	1731788	2020-04-10	

	IdLandkreis	Datenstand	NeuerFall	NeuerTodesfall	\
35347	8115	11.04.2020, 00:00 Uhr	0	-9	
59749	9188	11.04.2020, 00:00 Uhr	0	-9	
58986	9181	11.04.2020, 00:00 Uhr	0	-9	
52560	9162	11.04.2020, 00:00 Uhr	0	-9	
58301	9179	11.04.2020, 00:00 Uhr	0	-9	
...	...	...	...	...	
76793	9780	11.04.2020, 00:00 Uhr	1	-9	
34501	7339	11.04.2020, 00:00 Uhr	1	-9	
57391	9176	11.04.2020, 00:00 Uhr	1	-9	
48495	8327	11.04.2020, 00:00 Uhr	1	-9	

```
66117          9278  11.04.2020, 00:00 Uhr          1                -9

                        Refdatum  NeuGenesen  AnzahlGenesen
35347  2020-01-05T00:00:00.000Z           0              1
59749  2020-01-27T00:00:00.000Z           0              1
58986  2020-01-23T00:00:00.000Z           0              1
52560  2020-01-23T00:00:00.000Z           0              1
58301  2020-01-25T00:00:00.000Z           0              1
…                             …           …              …
76793  2020-03-27T00:00:00.000Z          -9              0
34501  2020-04-10T00:00:00.000Z          -9              0
57391  2020-04-10T00:00:00.000Z          -9              0
48495  2020-04-10T00:00:00.000Z          -9              0
66117  2020-04-01T00:00:00.000Z          -9              0

[87327 rows x 16 columns]
```

Measures taken and events/incidents concerning Covid19.These might show a connection to the falling or rising of the curves:

```
        Date                                         In_Short   State  \
0 2020-03-16          Schools, day care centers closed.    Alle
1 2020-03-16          Entry bans and strict border controls.    Alle
2 2020-03-20    Quarantine Bavaria, only vital locations open.  Bayern
3 2020-03-22  Quarantine country-wide, only vital locations …    Alle


                                Description
0             Schools, day care centers closed.
1  Germany has decided on entry bans and strict c…
2  Only vital location, like supermarkets, doctor…
3  Only vital location, like supermarkets, doctor…
```

Total sum of cases in Germany:

117588

Describe number of cases per day in Germany:
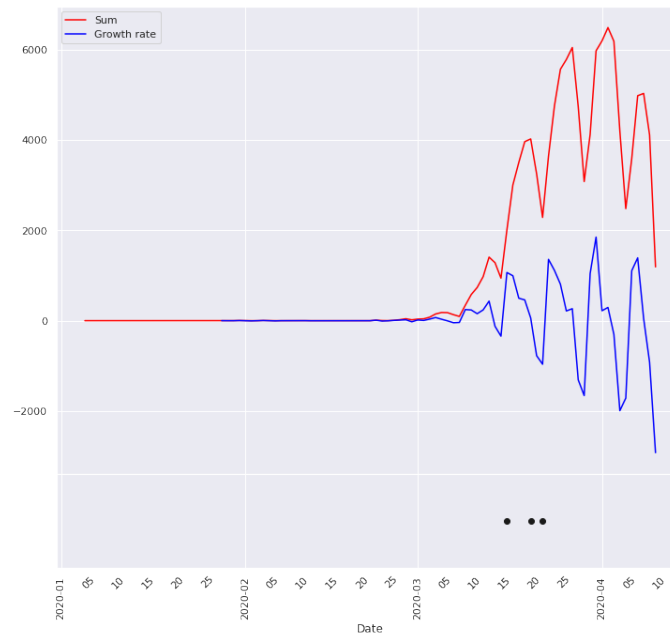
```
count      61.000000
mean     1927.672131
std      2232.605658
min         1.000000
25%         9.000000
50%       736.000000
75%      3966.000000
max      6494.000000
Name: AnzahlFall, dtype: float64
```
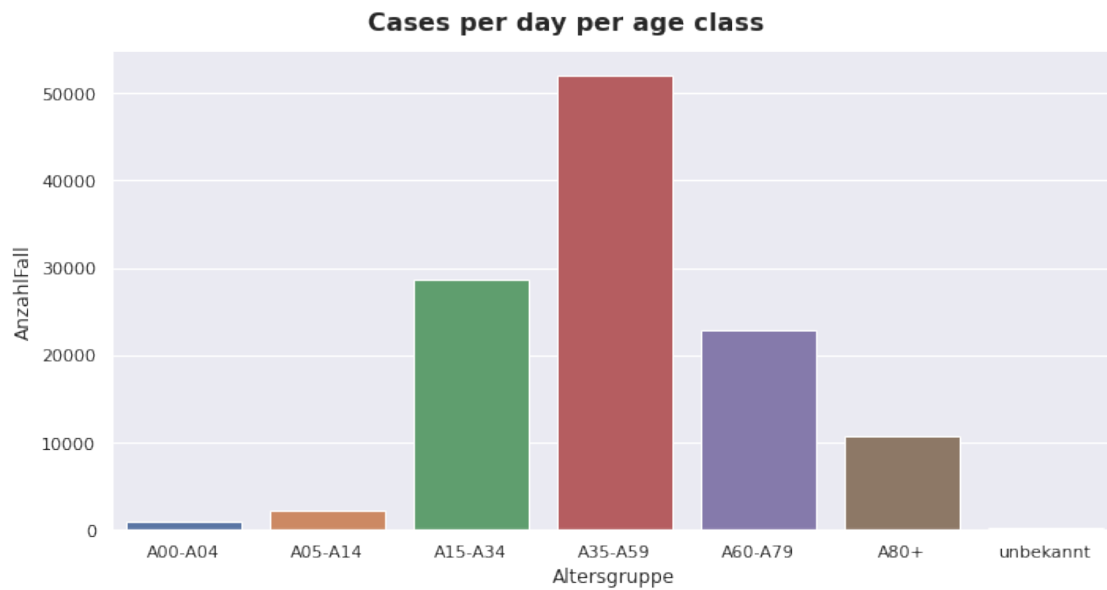
```
<matplotlib.legend.Legend at 0x7f41e747ab50>
```

Sum of confirmed cases per day and growth rate thereof for Germany. Below are points for political measures or events/incidents.


```
Text(0.5, 1, 'Cases per day per age class')
```



```
Total sum of cases per German state
```

```
Bundesland
Baden-Württemberg        23601
Bayern                   31428
Berlin                    4450
Brandenburg               1763
Bremen                     468
Hamburg                   3663
Hessen                    5807
Mecklenburg-Vorpommern     601
Niedersachsen             7342
Nordrhein-Westfalen      23635
Rheinland-Pfalz           4619
Saarland                  2016
Sachsen                   3565
Sachsen-Anhalt            1135
Schleswig-Holstein        2063
Thüringen                 1432
Name: AnzahlFall, dtype: int64
```

Describe sum of daily cases per day per German state.

Bundesland	Baden-Württemberg	Bayern	Berlin	Brandenburg	Bremen	Hamburg \
count	61.0	61.0	61.0	61.0	61.0	61.0
mean	387.0	515.0	73.0	29.0	8.0	60.0
std	452.0	652.0	86.0	37.0	10.0	65.0
min	0.0	0.0	0.0	0.0	0.0	0.0
25%	2.0	2.0	0.0	0.0	0.0	0.0
50%	147.0	112.0	29.0	8.0	3.0	29.0
75%	783.0	992.0	158.0	55.0	11.0	128.0
max	1378.0	1953.0	281.0	125.0	40.0	194.0

Bundesland	Hessen	Mecklenburg-Vorpommern	Niedersachsen \
count	61.0	61.0	61.0
mean	95.0	10.0	120.0
std	113.0	14.0	143.0
min	0.0	0.0	0.0
25%	0.0	0.0	0.0
50%	25.0	2.0	35.0
75%	201.0	15.0	246.0
max	334.0	50.0	405.0

Bundesland	Nordrhein-Westfalen	Rheinland-Pfalz	Saarland	Sachsen \
count	61.0	61.0	61.0	61.0
mean	387.0	76.0	33.0	58.0
std	424.0	85.0	45.0	72.0
min	0.0	0.0	0.0	0.0
25%	1.0	0.0	0.0	0.0

50%	169.0	18.0	10.0	20.0
75%	801.0	152.0	61.0	123.0
max	1204.0	269.0	175.0	247.0

Bundesland	Sachsen-Anhalt	Schleswig-Holstein	Thüringen
count	61.0	61.0	61.0
mean	19.0	34.0	23.0
std	23.0	40.0	30.0
min	0.0	0.0	0.0
25%	0.0	0.0	0.0
50%	2.0	18.0	1.0
75%	38.0	67.0	50.0
max	78.0	115.0	85.0

Sum of cases per day per German state
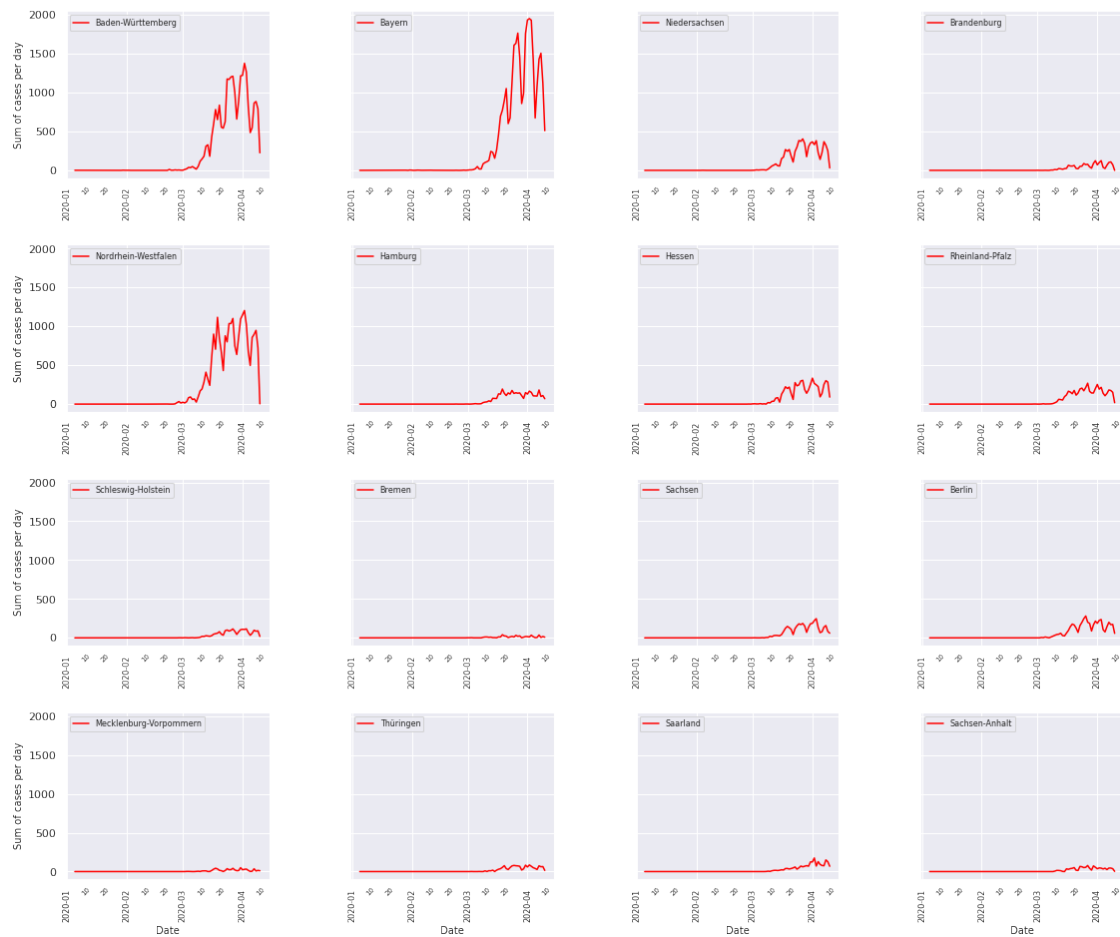
Growth rate of cases per day per German state