

Covid19 Germany Deutschland (RKI data)

April 22, 2020

	IdBundesland	Bundesland	Landkreis \
74984	9	Bayern	LK Landsberg a. Lech
71385	9	Bayern	LK Starnberg
74171	9	Bayern	LK Fürstentum Bruck
87022	9	Bayern	SK München
71810	9	Bayern	LK Traunstein
...
32352	5	Nordrhein-Westfalen	LK Olpe
32351	5	Nordrhein-Westfalen	LK Olpe
11325	5	Nordrhein-Westfalen	SK Wuppertal
25114	5	Nordrhein-Westfalen	LK Rhein-Sieg-Kreis
90960	10	Saarland	LK Stadtverband Saarbrücken

	Altersgruppe	Geschlecht	AnzahlFall	AnzahlTodesfall	ObjectId \
74984	A15-A34	M	1	0	3212959
71385	A35-A59	M	1	0	3215360
74171	A15-A34	M	1	0	3212146
87022	A15-A34	W	1	0	3206997
71810	A35-A59	M	1	0	3215785
...
32352	A35-A59	M	1	0	3172327
32351	A35-A59	M	1	0	3172326
11325	A35-A59	M	1	0	3153300
25114	A80+	M	1	0	3163089
90960	A35-A59	unbekannt	1	0	3233935

	Meldedatum	IdLandkreis	Datenstand	NeuerFall \
74984	2020-01-28	9181	22.04.2020, 00:00 Uhr	0
71385	2020-01-28	9188	22.04.2020, 00:00 Uhr	0
74171	2020-01-29	9179	22.04.2020, 00:00 Uhr	0
87022	2020-01-29	9162	22.04.2020, 00:00 Uhr	0
71810	2020-01-31	9189	22.04.2020, 00:00 Uhr	0
...
32352	2020-04-21	5966	22.04.2020, 00:00 Uhr	1
32351	2020-04-21	5966	22.04.2020, 00:00 Uhr	1
11325	2020-04-21	5124	22.04.2020, 00:00 Uhr	1
25114	2020-04-21	5382	22.04.2020, 00:00 Uhr	1

90960 2020-04-21 10041 22.04.2020, 00:00 Uhr 1

	NeuerTodesfall	Refdatum	NeuGenesen	AnzahlGenesen
74984	-9	2020-01-23T00:00:00.000Z	0	1
71385	-9	2020-01-27T00:00:00.000Z	0	1
74171	-9	2020-01-25T00:00:00.000Z	0	1
87022	-9	2020-01-23T00:00:00.000Z	0	1
71810	-9	2020-01-24T00:00:00.000Z	0	1
...
32352	-9	2020-04-12T00:00:00.000Z	-9	0
32351	-9	2020-04-07T00:00:00.000Z	1	1
11325	-9	2020-04-21T00:00:00.000Z	-9	0
25114	-9	2020-04-21T00:00:00.000Z	-9	0
90960	-9	2020-04-16T00:00:00.000Z	-9	0

[111255 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:

145537

Describe number of cases per day in Germany:

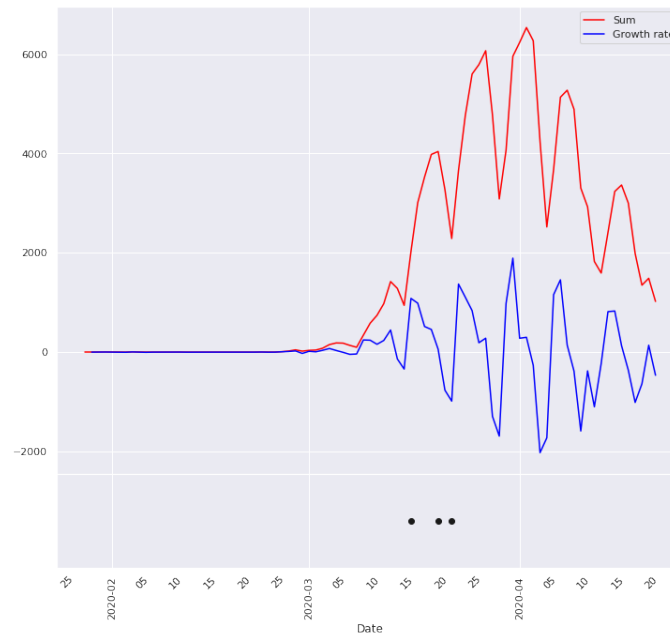
```

count      71.000000
mean       2049.816901
std        2112.042791
min         1.000000
25%        29.000000
50%       1421.000000
75%       3592.500000
max       6537.000000
Name: AnzahlFall, dtype: float64

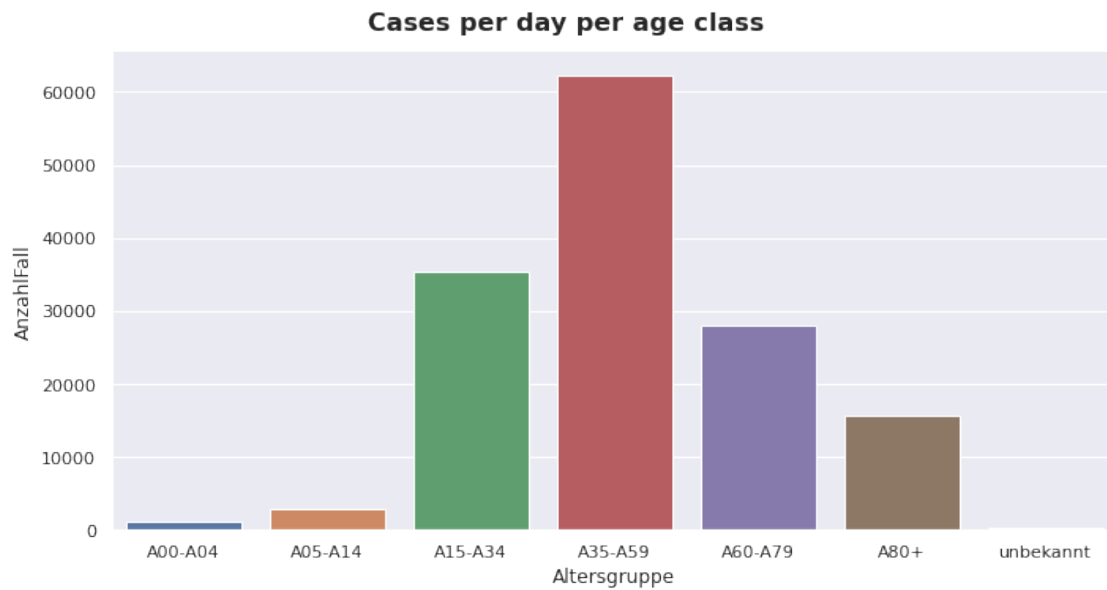
```

<matplotlib.legend.Legend at 0x7f36109fe650>

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	28882
Bayern	38791
Berlin	5311
Brandenburg	2389
Bremen	621
Hamburg	4204
Hessen	7377
Mecklenburg-Vorpommern	656
Niedersachsen	9234
Nordrhein-Westfalen	30088
Rheinland-Pfalz	5593
Saarland	2367
Sachsen	4263
Sachsen-Anhalt	1395
Schleswig-Holstein	2494
Thüringen	1872

Name: AnzahlFall, dtype: int64

Describe sum of daily cases per day per German state.

Bundesland	Baden-Württemberg	Bayern	Berlin	Brandenburg	Bremen	Hamburg	\
count	71.0	71.0	71.0	71.0	71.0	71.0	
mean	407.0	546.0	75.0	34.0	9.0	59.0	
std	432.0	618.0	80.0	38.0	11.0	61.0	
min	0.0	0.0	0.0	0.0	0.0	0.0	
25%	4.0	3.0	0.0	0.0	0.0	0.0	
50%	289.0	285.0	52.0	22.0	6.0	42.0	
75%	656.0	905.0	135.0	58.0	14.0	110.0	
max	1400.0	1973.0	281.0	127.0	44.0	194.0	

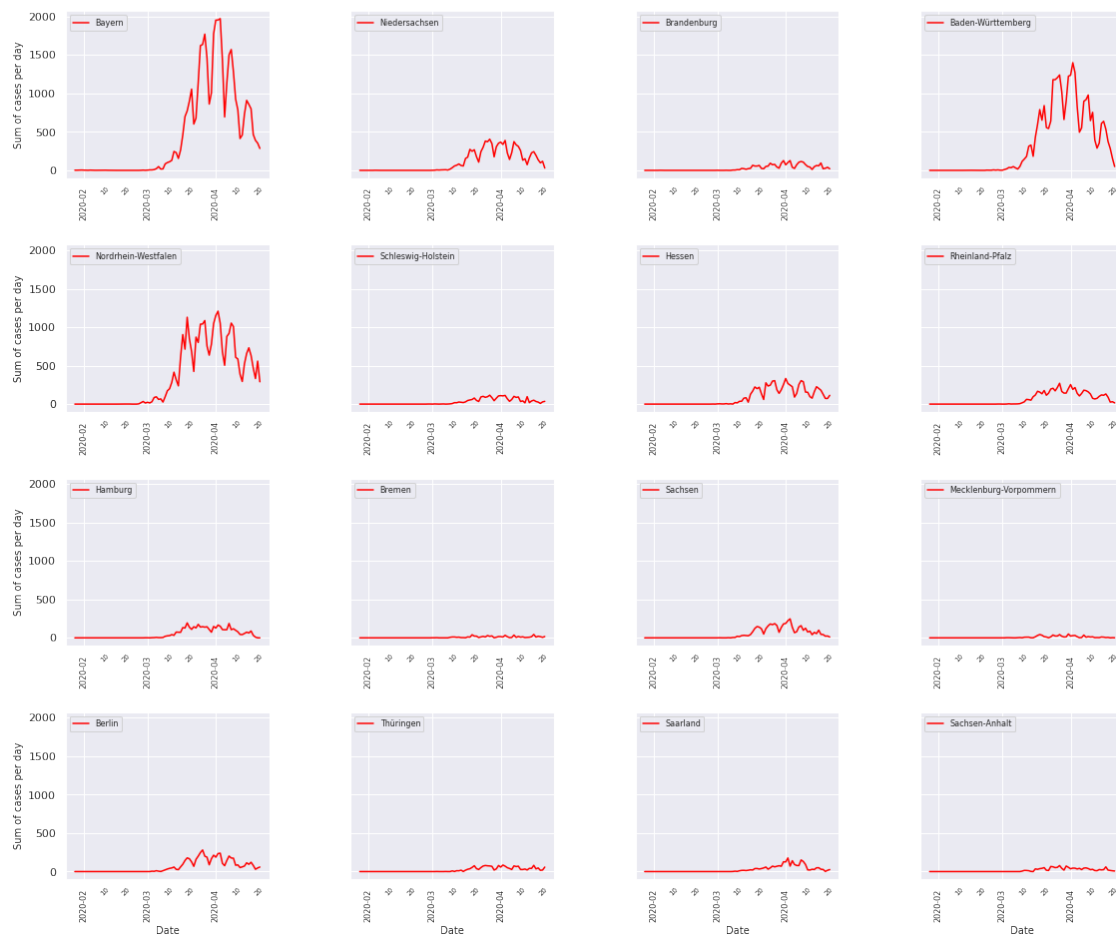
Bundesland	Hessen	Mecklenburg-Vorpommern	Niedersachsen	\
count	71.0		71.0	
mean	104.0		9.0	130.0
std	107.0		13.0	136.0
min	0.0		0.0	0.0
25%	0.0		0.0	0.0
50%	77.0		3.0	83.0
75%	194.0		13.0	243.0
max	333.0		50.0	405.0

Bundesland	Nordrhein-Westfalen	Rheinland-Pfalz	Saarland	Sachsen	\
count	71.0	71.0	71.0	71.0	
mean	424.0	79.0	33.0	60.0	
std	400.0	80.0	43.0	69.0	
min	0.0	0.0	0.0	0.0	
25%	16.0	0.0	0.0	0.0	

50%	332.0	62.0	17.0	30.0
75%	744.0	142.0	50.0	118.0
max	1208.0	271.0	177.0	247.0

Bundesland	Sachsen-Anhalt	Schleswig-Holstein	Thüringen
count	71.0	71.0	71.0
mean	20.0	35.0	26.0
std	22.0	38.0	29.0
min	0.0	0.0	0.0
25%	0.0	0.0	0.0
50%	13.0	24.0	18.0
75%	37.0	60.0	48.0
max	78.0	116.0	85.0

Sum of cases per day per German state



Growth rate of cases per day per German state

