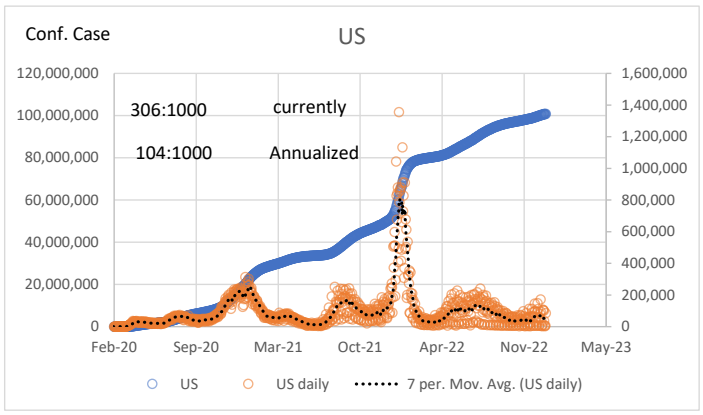
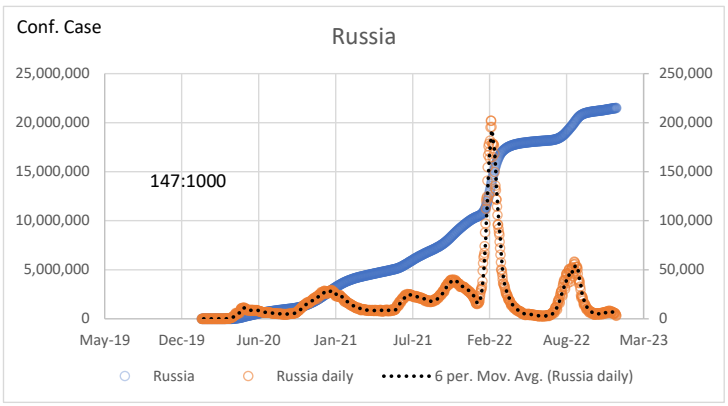
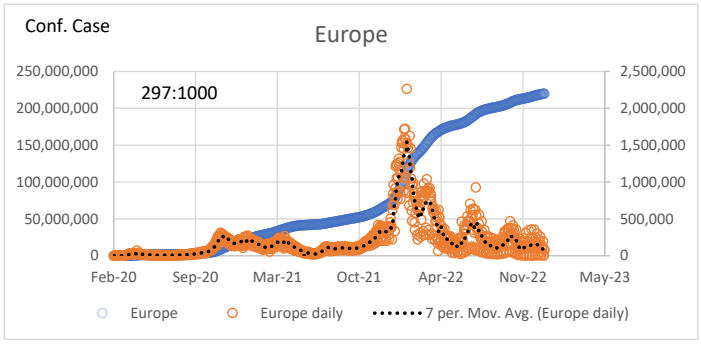
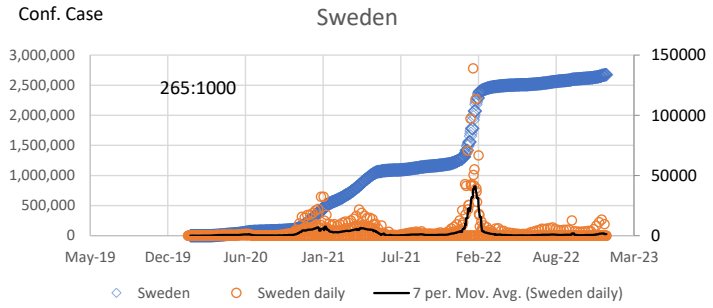
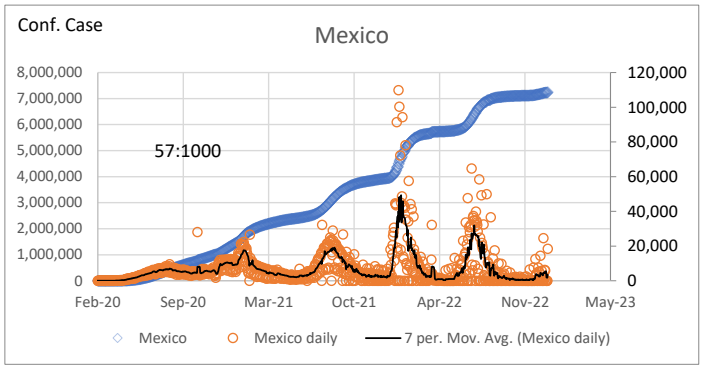
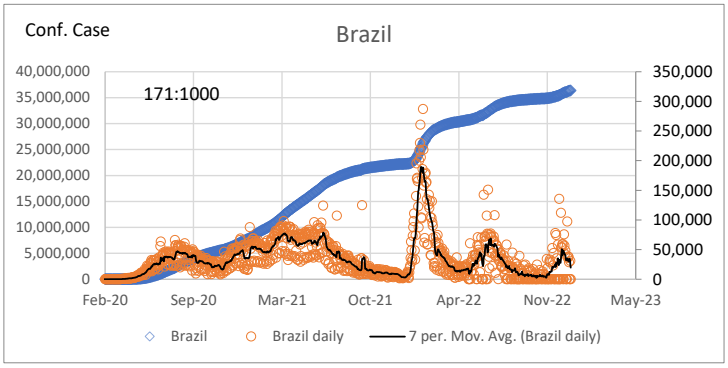

Conf. Case
US
306:1000
currently
104:1000
Annualized
120,000,000
100,000,000
80,000,000
60,000,000
40,000,000
20,000,000
0
1,600,000
1,400,000
1,200,000
1,000,000
800,000
600,000
400,000
200,000
0
Feb-20
Sep-20
Mar-21
Oct-21
Apr-22
Nov-22
May-23
US
US daily
7 per. Mov. Avg. (US daily)

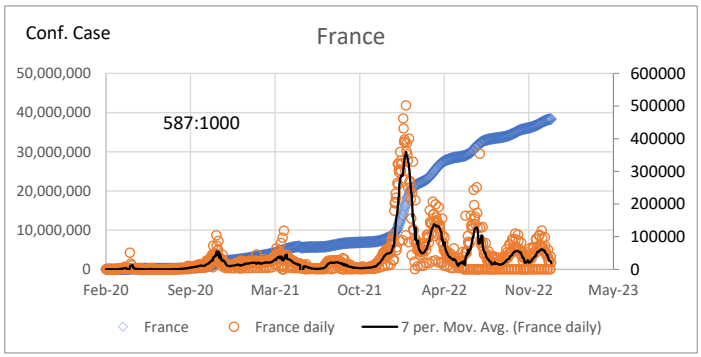

Conf. Case
Russia
147:1000
25,000,000
20,000,000
15,000,000
10,000,000
5,000,000
0
250,000
200,000
150,000
100,000
50,000
0
May-19
Dec-19
Jun-20
Jan-21
Jul-21
Feb-22
Aug-22
Mar-23
Russia
Russia daily
6 per. Mov. Avg. (Russia daily)

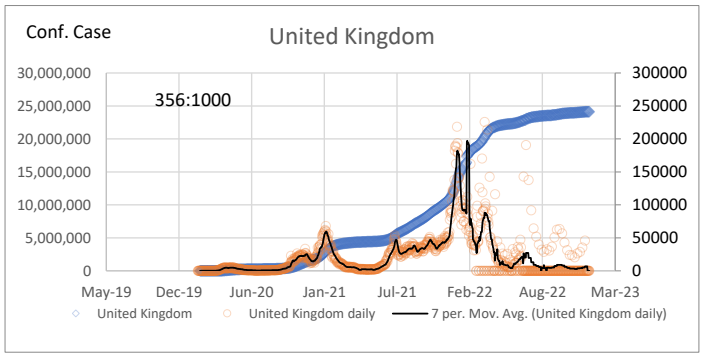

Conf. Case
Europe
297:1000
250,000,000
200,000,000
150,000,000
100,000,000
50,000,000
0
2,500,000
2,000,000
1,500,000
1,000,000
500,000
0
Feb-20
Sep-20
Mar-21
Oct-21
Apr-22
Nov-22
May-23
Europe
Europe daily
7 per. Mov. Avg. (Europe daily)

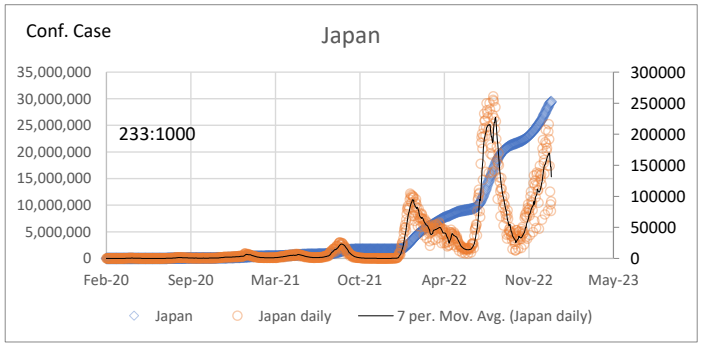

Conf. Case
Sweden
265:1000
3,000,000
2,500,000
2,000,000
1,500,000
1,000,000
500,000
0
150000
100000
50000
0
May-19
Dec-19
Jun-20
Jan-21
Jul-21
Feb-22
Aug-22
Mar-23
Sweden
Sweden daily
7 per. Mov. Avg. (Sweden daily)

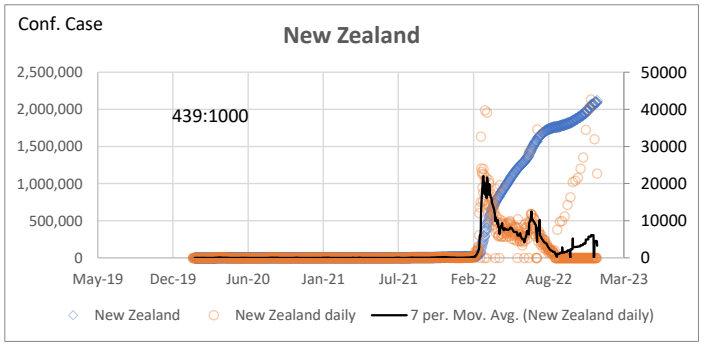

Conf. Case
Mexico
57:1000
8,000,000
7,000,000
6,000,000
5,000,000
4,000,000
3,000,000
2,000,000
1,000,000
0
120,000
100,000
80,000
60,000
40,000
20,000
0
Feb-20
Sep-20
Mar-21
Oct-21
Apr-22
Nov-22
May-23
Mexico
Mexico daily
7 per. Mov. Avg. (Mexico daily)

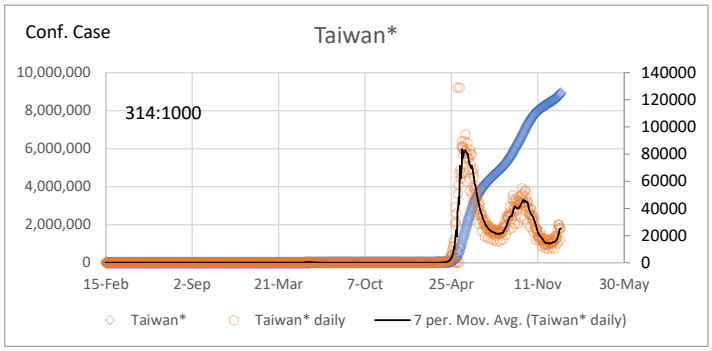

Conf. Case
Brazil
171:1000
40,000,000
35,000,000
30,000,000
25,000,000
20,000,000
15,000,000
10,000,000
5,000,000
0
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
Feb-20
Sep-20
Mar-21
Oct-21
Apr-22
Nov-22
May-23
Brazil
Brazil daily
7 per. Mov. Avg. (Brazil daily)

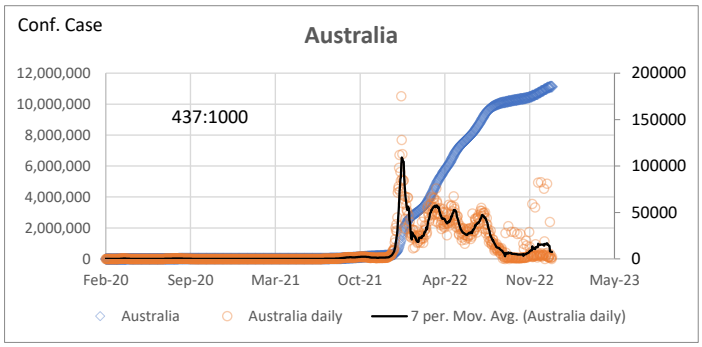

Conf. Case
France
587:1000
50,000,000
40,000,000
30,000,000
20,000,000
10,000,000
0
600000
500000
400000
300000
200000
100000
0
Feb-20
Sep-20
Mar-21
Oct-21
Apr-22
Nov-22
May-23
France
France daily
7 per. Mov. Avg. (France daily)

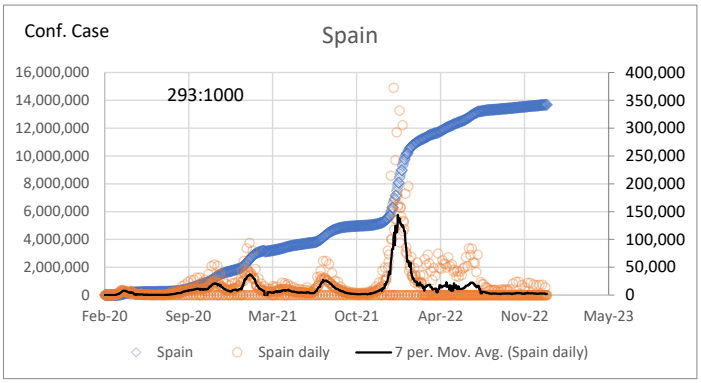

Conf. Case
United Kingdom
356:1000
30,000,000
25,000,000
20,000,000
15,000,000
10,000,000
5,000,000
0
300000
250000
200000
150000
100000
50000
0
May-19
Dec-19
Jun-20
Jan-21
Jul-21
Feb-22
Aug-22
Mar-23
United Kingdom
United Kingdom daily
7 per. Mov. Avg. (United Kingdom daily)

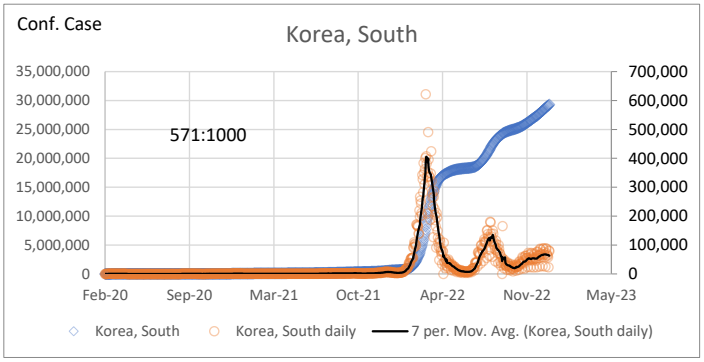

Conf. Case
Japan
233:1000
35,000,000
30,000,000
25,000,000
20,000,000
15,000,000
10,000,000
5,000,000
0
300000
250000
200000
150000
100000
50000
0
Feb-20
Sep-20
Mar-21
Oct-21
Apr-22
Nov-22
May-23
Japan
Japan daily
7 per. Mov. Avg. (Japan daily)

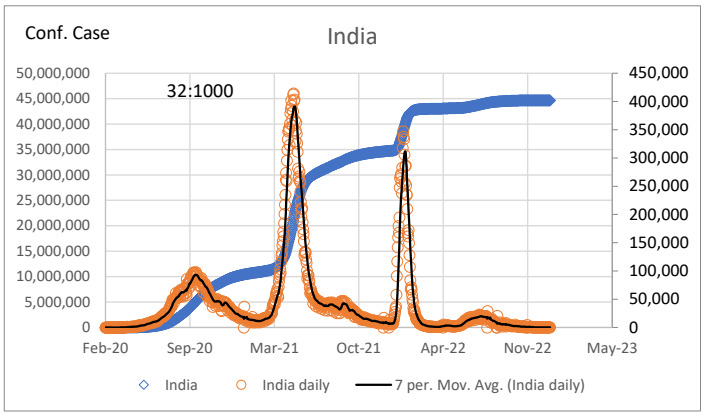

Conf. Case
New Zealand
439:1000
2,500,000
2,000,000
1,500,000
1,000,000
500,000
0
50000
40000
30000
20000
10000
0
May-19
Dec-19
Jun-20
Jan-21
Jul-21
Feb-22
Aug-22
Mar-23
New Zealand
New Zealand daily
7 per. Mov. Avg. (New Zealand daily)

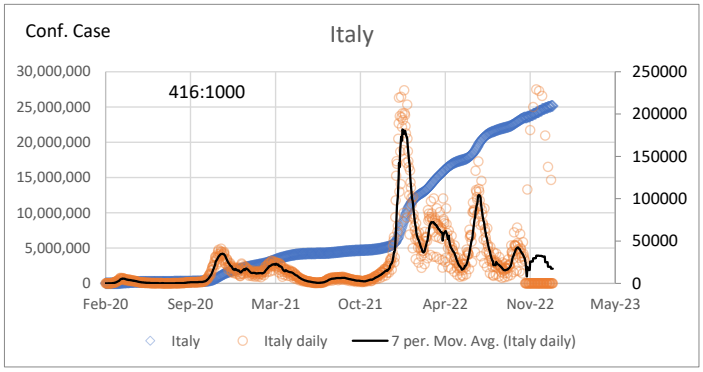

Conf. Case
Taiwan*
314:1000
10,000,000
8,000,000
6,000,000
4,000,000
2,000,000
0
140000
120000
100000
80000
60000
40000
20000
0
15-Feb
2-Sep
21-Mar
7-Oct
25-Apr
11-Nov
30-May
Taiwan*
Taiwan* daily
7 per. Mov. Avg. (Taiwan* daily)

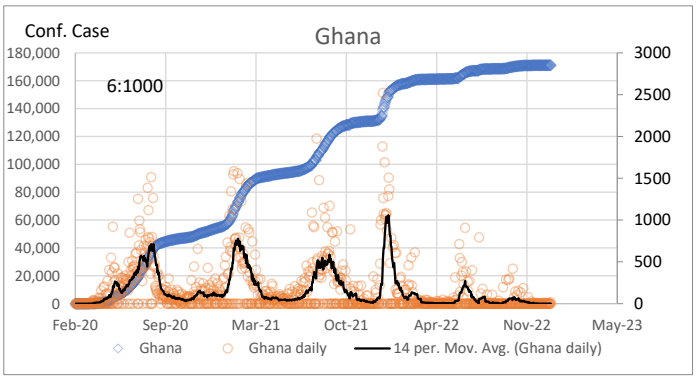

Conf. Case
Australia
437:1000
12,000,000
10,000,000
8,000,000
6,000,000
4,000,000
2,000,000
0
200000
150000
100000
50000
0
Feb-20
Sep-20
Mar-21
Oct-21
Apr-22
Nov-22
May-23
Australia
Australia daily
7 per. Mov. Avg. (Australia daily)

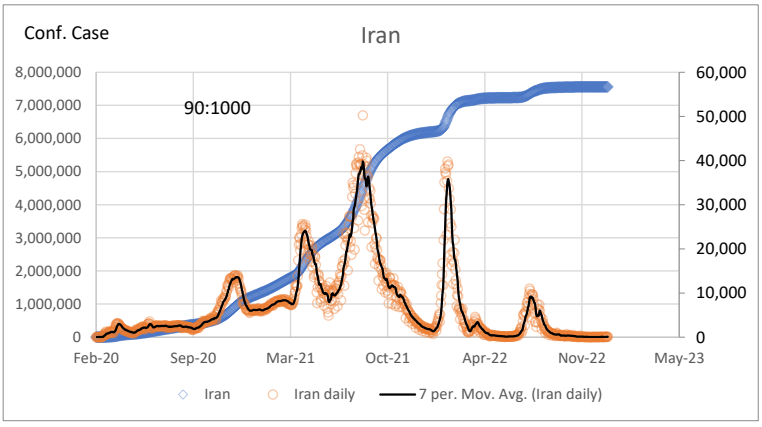

Conf. Case
Spain
293:1000
16,000,000
14,000,000
12,000,000
10,000,000
8,000,000
6,000,000
4,000,000
2,000,000
0
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
Feb-20
Sep-20
Mar-21
Oct-21
Apr-22
Nov-22
May-23
Spain
Spain daily
7 per. Mov. Avg. (Spain daily)

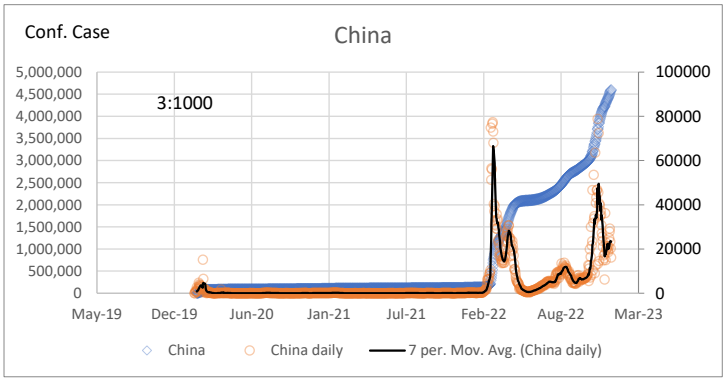

Conf. Case
Korea, South
571:1000
35,000,000
30,000,000
25,000,000
20,000,000
15,000,000
10,000,000
5,000,000
0
700,000
600,000
500,000
400,000
300,000
200,000
100,000
0
Feb-20
Sep-20
Mar-21
Oct-21
Apr-22
Nov-22
May-23
Korea, South
Korea, South daily
7 per. Mov. Avg. (Korea, South daily)

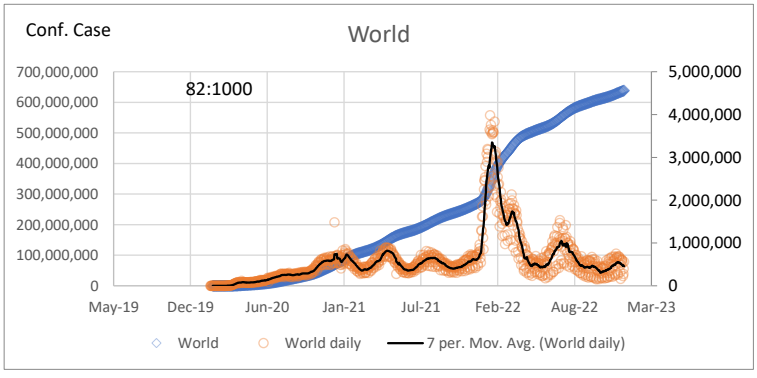

Conf. Case
India
32:1000
50,000,000
45,000,000
40,000,000
35,000,000
30,000,000
25,000,000
20,000,000
15,000,000
10,000,000
5,000,000
0
450,000
400,000
350,000
300,000
250,000
200,000
150,000
100,000
50,000
0
Feb-20
Sep-20
Mar-21
Oct-21
Apr-22
Nov-22
May-23
India
India daily
7 per. Mov. Avg. (India daily)


Conf. Case
Italy
416:1000
30,000,000
25,000,000
20,000,000
15,000,000
10,000,000
5,000,000
0
250000
200000
150000
100000
50000
0
Feb-20
Sep-20
Mar-21
Oct-21
Apr-22
Nov-22
May-23
Italy
Italy daily
7 per. Mov. Avg. (Italy daily)

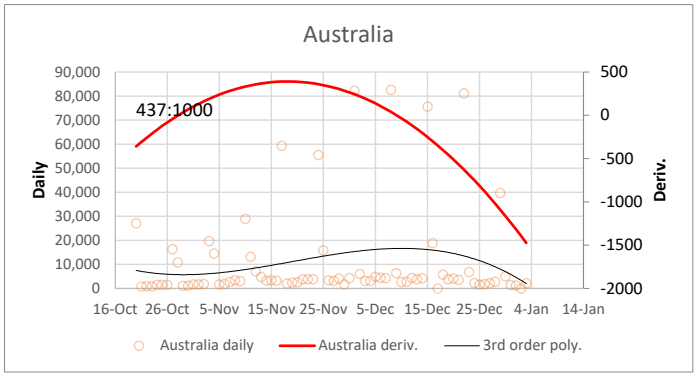

Conf. Case
Ghana
6:1000
180,000
160,000
140,000
120,000
100,000
80,000
60,000
40,000
20,000
0
3000
2500
2000
1500
1000
500
0
Feb-20
Sep-20
Mar-21
Oct-21
Apr-22
Nov-22
May-23
Ghana
Ghana daily
14 per. Mov. Avg. (Ghana daily)

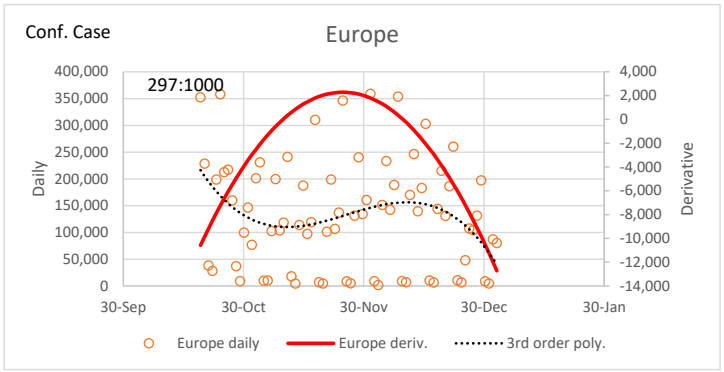

Conf. Case
Iran
90:1000
8,000,000
7,000,000
6,000,000
5,000,000
4,000,000
3,000,000
2,000,000
1,000,000
0
60,000
50,000
40,000
30,000
20,000
10,000
0
Feb-20
Sep-20
Mar-21
Oct-21
Apr-22
Nov-22
May-23
Iran
Iran daily
7 per. Mov. Avg. (Iran daily)

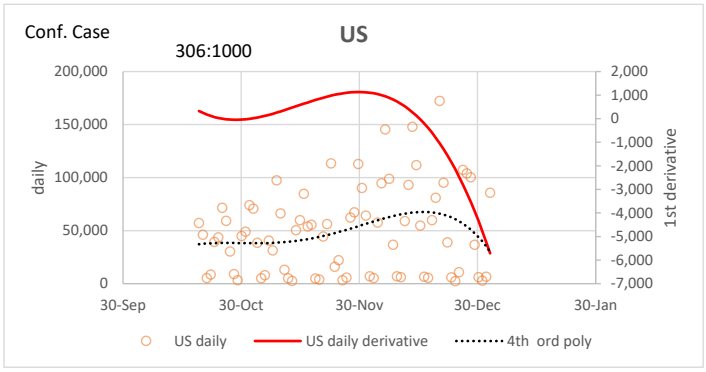

Conf. Case
China
3:1000
5,000,000
4,500,000
4,000,000
3,500,000
3,000,000
2,500,000
2,000,000
1,500,000
1,000,000
500,000
0
100000
80000
60000
40000
20000
0
May-19
Dec-19
Jun-20
Jan-21
Jul-21
Feb-22
Aug-22
Mar-23
China
China daily
7 per. Mov. Avg. (China daily)

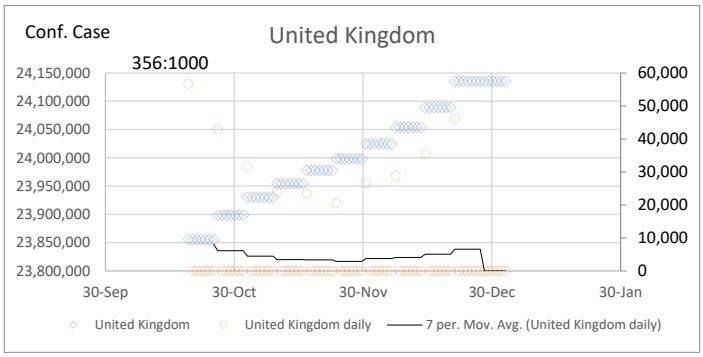

Conf. Case
World
82:1000
700,000,000
600,000,000
500,000,000
400,000,000
300,000,000
200,000,000
100,000,000
0
5,000,000
4,000,000
3,000,000
2,000,000
1,000,000
0
May-19
Dec-19
Jun-20
Jan-21
Jul-21
Feb-22
Aug-22
Mar-23
World
World daily
7 per. Mov. Avg. (World daily)

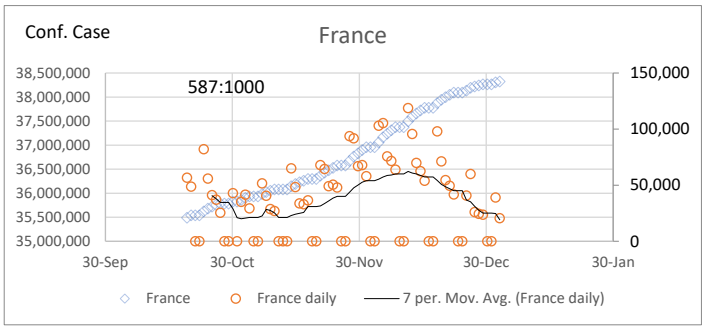
Some recent confirmed case trends:

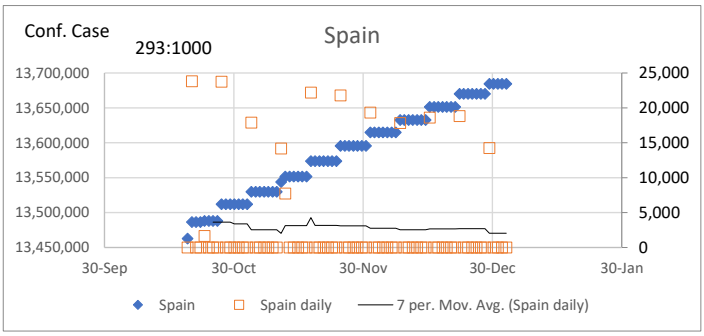


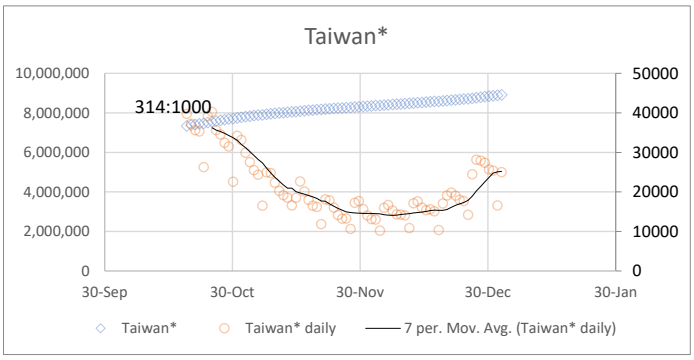


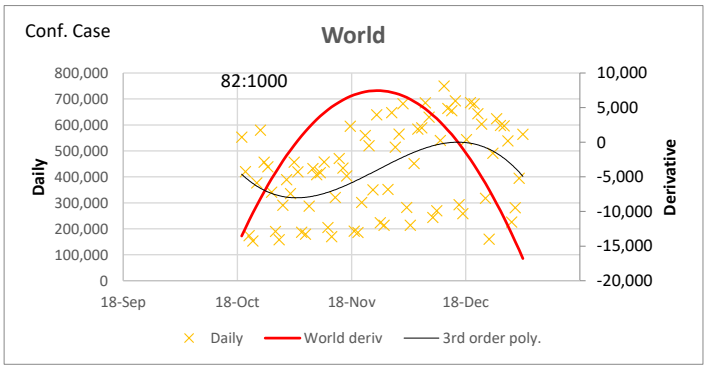


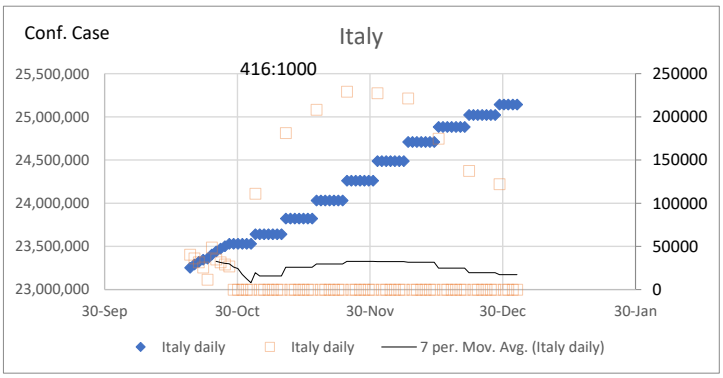


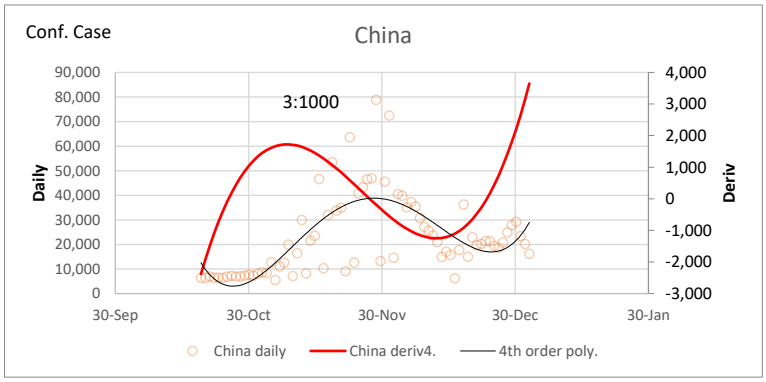




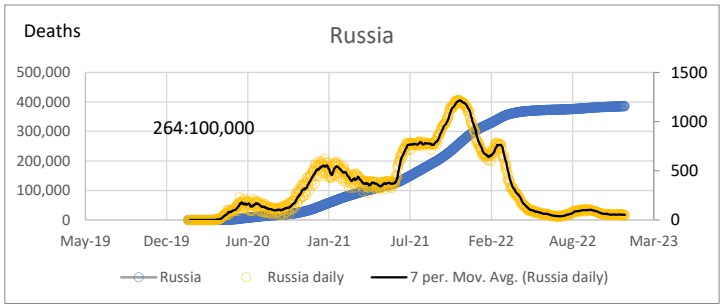


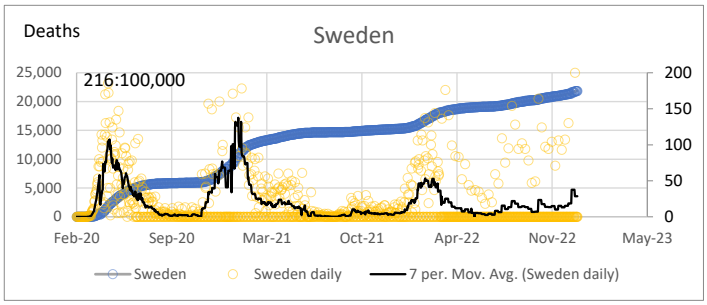


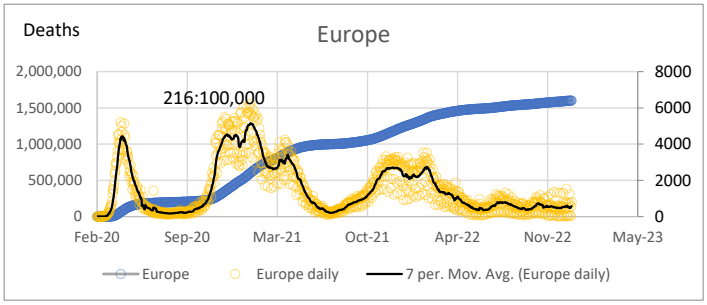


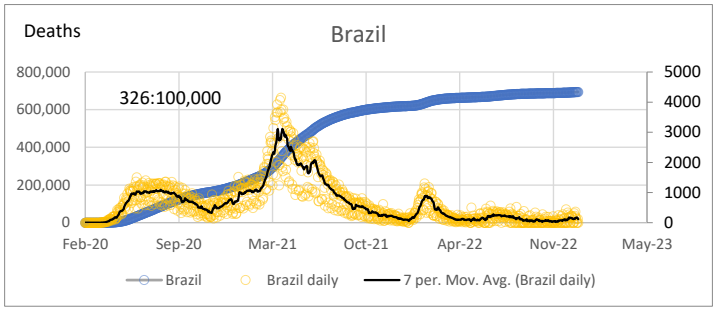


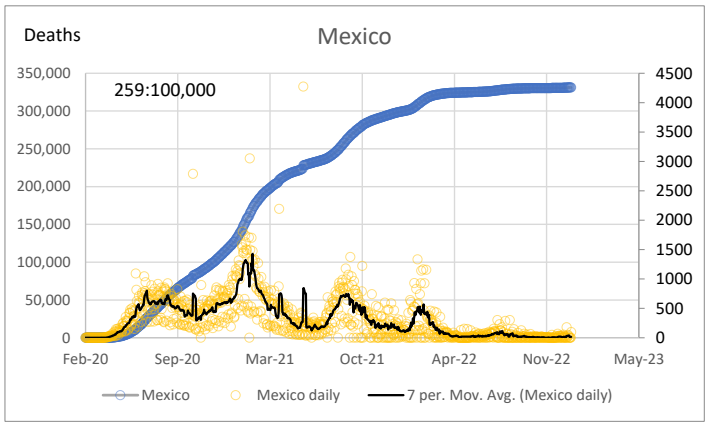
Deaths:

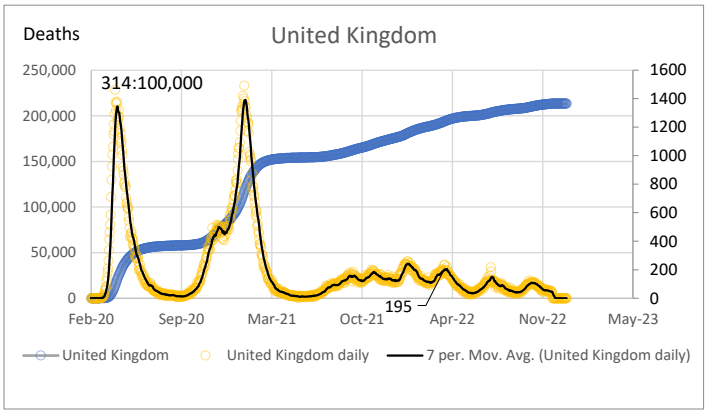

Deaths
Russia
264:100,000
Russia
Russia daily
7 per. Mov. Avg. (Russia daily)

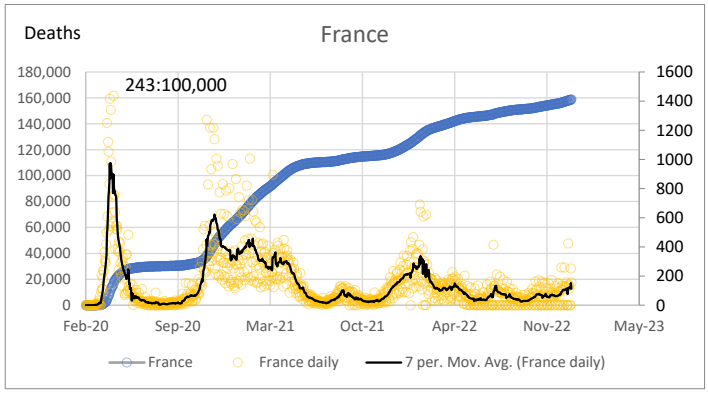

Deaths
Sweden
216:100,000
Sweden
Sweden daily
7 per. Mov. Avg. (Sweden daily)

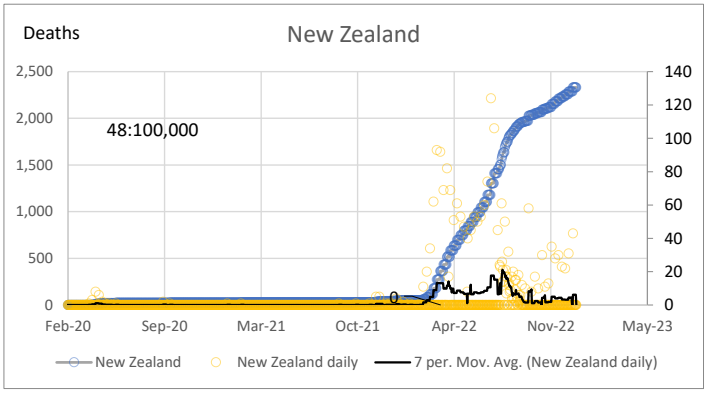

Deaths
Europe
216:100,000
Europe
Europe daily
7 per. Mov. Avg. (Europe daily)

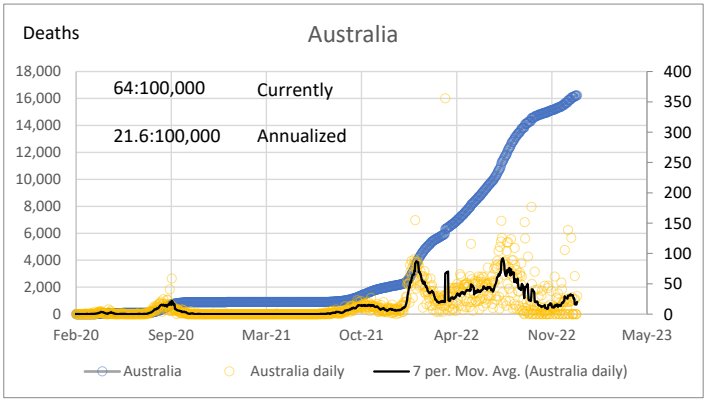

Deaths
Brazil
326:100,000
Brazil
Brazil daily
7 per. Mov. Avg. (Brazil daily)

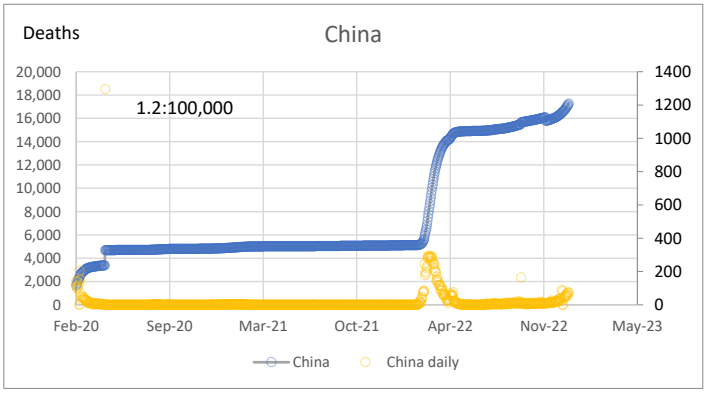

Deaths
Mexico
259:100,000
Mexico
Mexico daily
7 per. Mov. Avg. (Mexico daily)

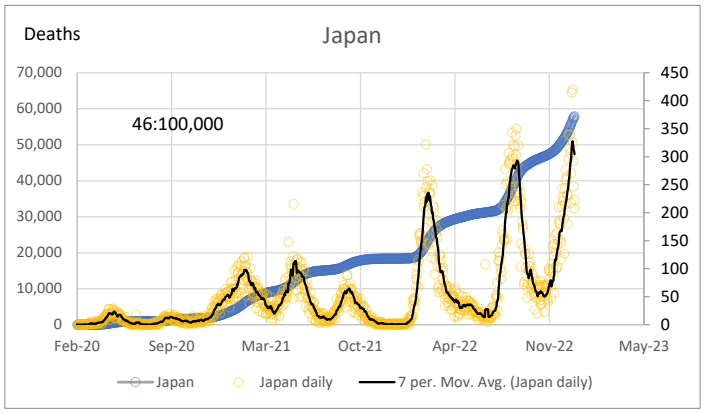

Deaths
United Kingdom
314:100,000
195
United Kingdom
United Kingdom daily
7 per. Mov. Avg. (United Kingdom daily)

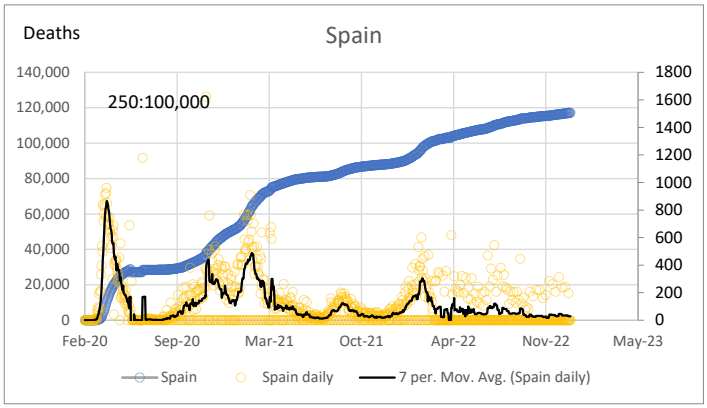

Deaths
France
243:100,000
France
France daily
7 per. Mov. Avg. (France daily)

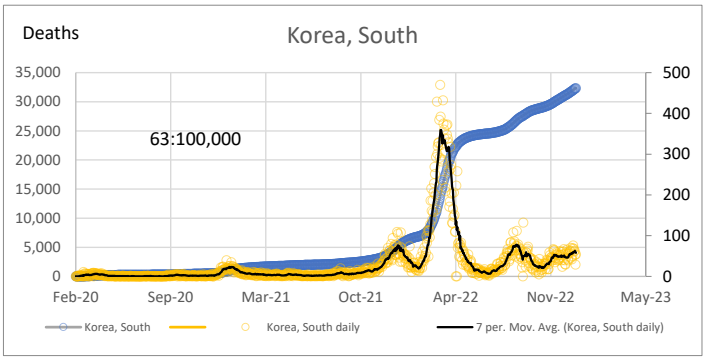

Deaths
New Zealand
48:100,000
0
New Zealand
New Zealand daily
7 per. Mov. Avg. (New Zealand daily)

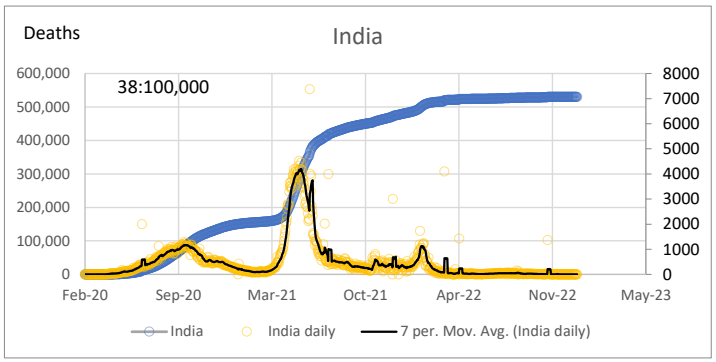

Deaths
Australia
64:100,000 Currently
21.6:100,000 Annualized
Australia
Australia daily
7 per. Mov. Avg. (Australia daily)

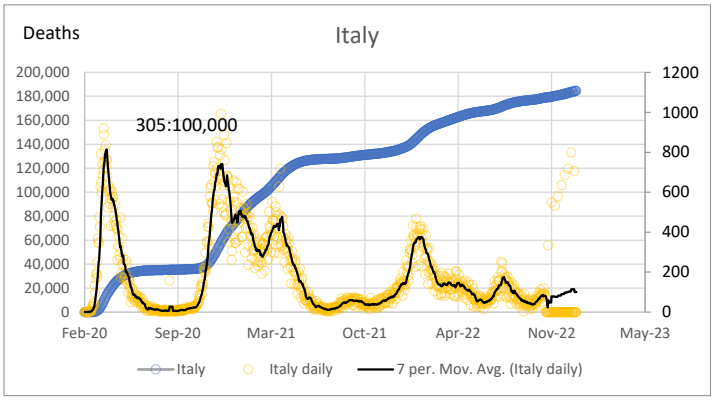

Deaths
China
1.2:100,000
China
China daily

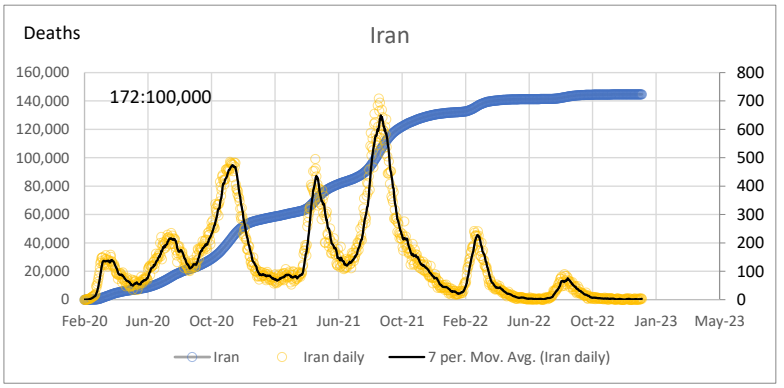

Deaths
Japan
46:100,000
Japan
Japan daily
7 per. Mov. Avg. (Japan daily)

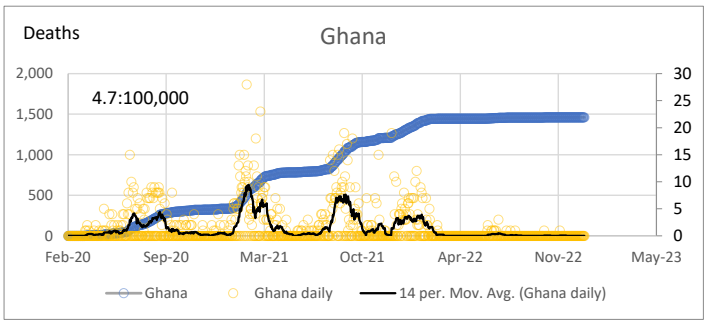

Deaths
Spain
250:100,000
Spain
Spain daily
7 per. Mov. Avg. (Spain daily)

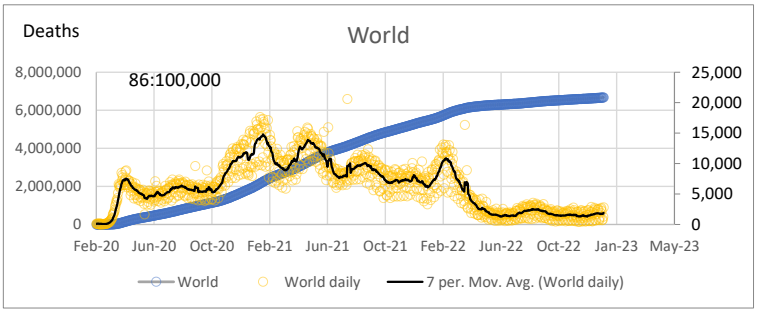

Deaths
Korea, South
63:100,000
Korea, South
Korea, South daily
7 per. Mov. Avg. (Korea, South daily)

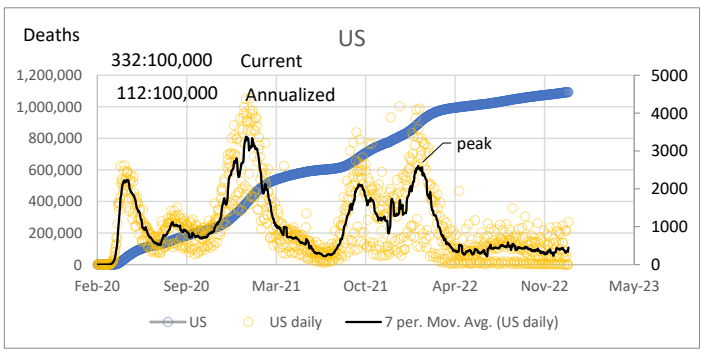

Deaths
India
38:100,000
India
India daily
7 per. Mov. Avg. (India daily)


Deaths
Italy
305:100,000
Italy
Italy daily
7 per. Mov. Avg. (Italy daily)

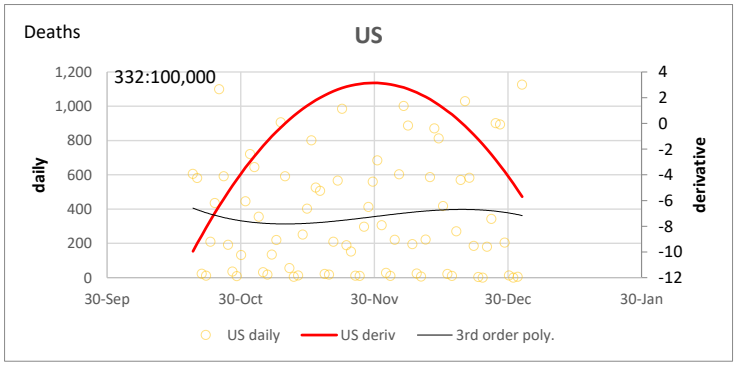

Deaths
Iran
172:100,000
Iran
Iran daily
7 per. Mov. Avg. (Iran daily)

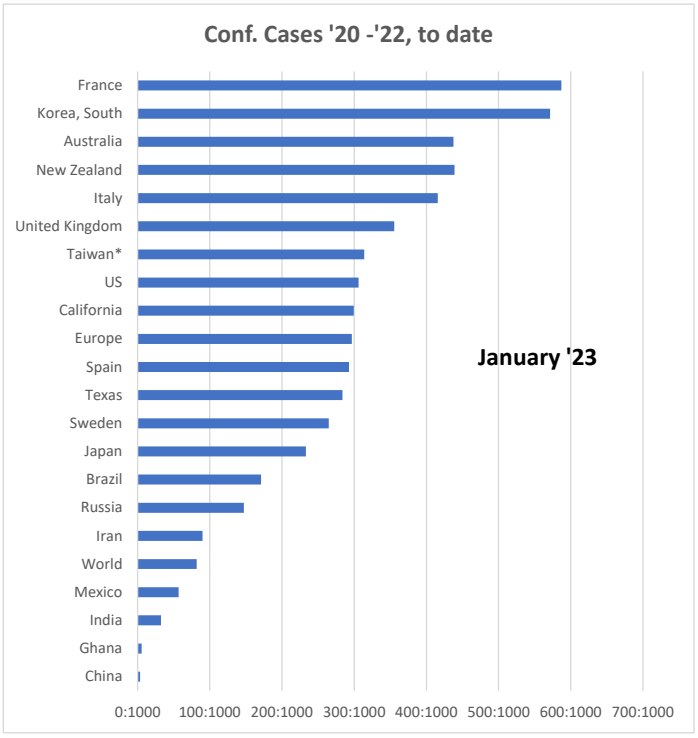

Deaths
Ghana
4.7:100,000
Ghana
Ghana daily
14 per. Mov. Avg. (Ghana daily)

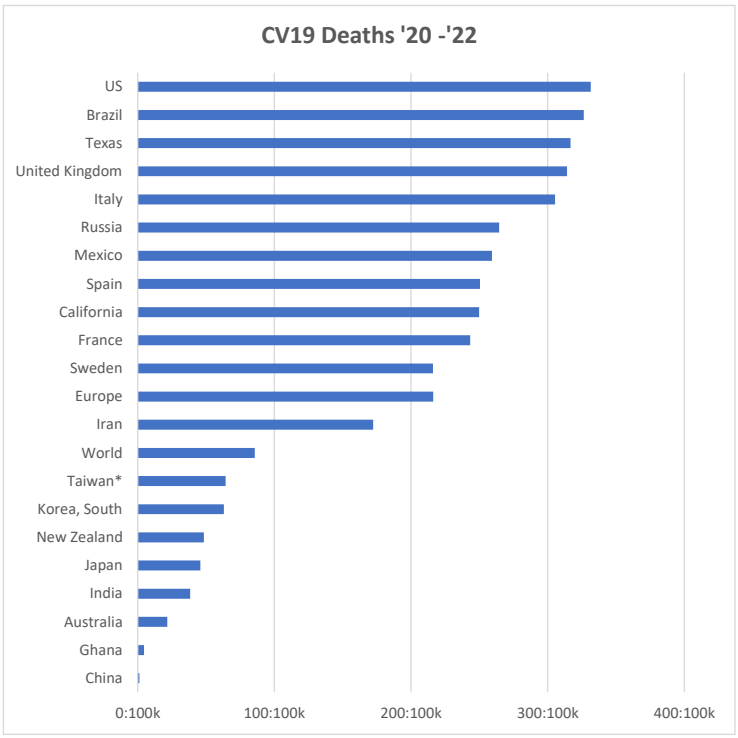

Deaths
World
86:100,000
World
World daily
7 per. Mov. Avg. (World daily)


Deaths
US
332:100,000 Current
112:100,000 Annualized
peak
US
US daily
7 per. Mov. Avg. (US daily)

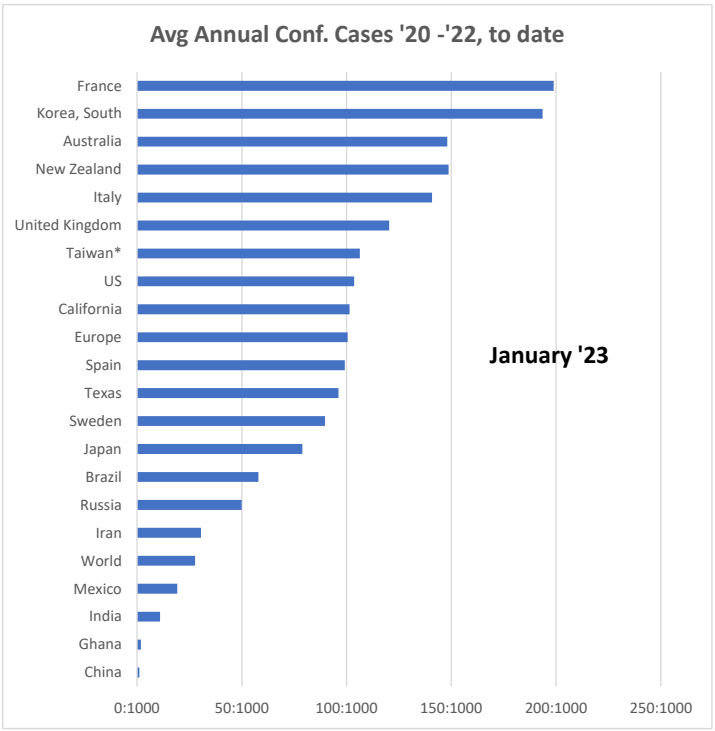
Recent:

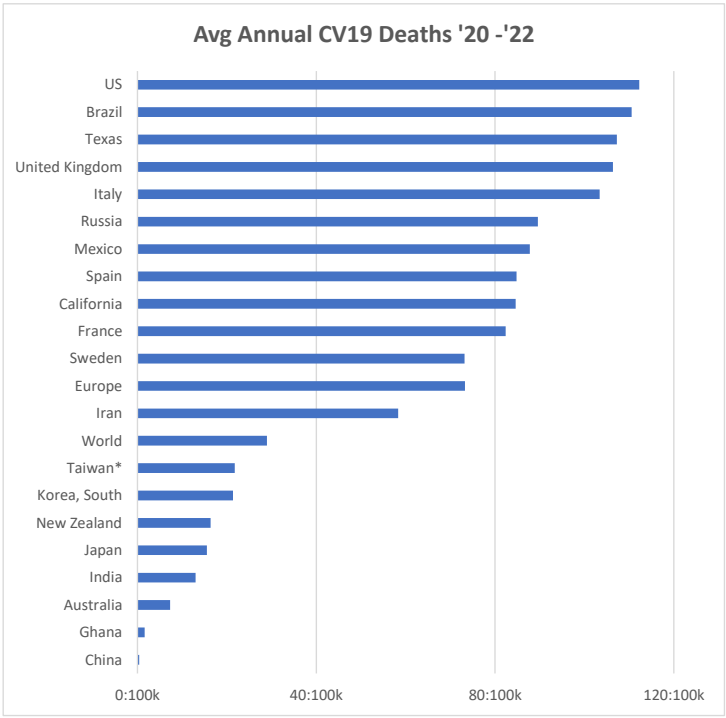

Deaths
US
332:100,000
daily
derivative
US daily
US deriv
3rd order poly.


Conf. Cases '20 -'22, to date
France
Korea, South
Australia
New Zealand
Italy
United Kingdom
Taiwan*
US
California
Europe
Spain
Texas
Sweden
Japan
Brazil
Russia
Iran
World
Mexico
India
Ghana
China
January '23
0:1000
100:1000
200:1000
300:1000
400:1000
500:1000
600:1000
700:1000


CV19 Deaths '20 -'22
US
Brazil
Texas
United Kingdom
Italy
Russia
Mexico
Spain
California
France
Sweden
Europe
Iran
World
Taiwan*
Korea, South
New Zealand
Japan
India
Australia
Ghana
China
0:100k
100:100k
200:100k
300:100k
400:100k

4-Jan-23


Avg Annual Conf. Cases '20 -'22, to date
France
Korea, South
Australia
New Zealand
Italy
United Kingdom
Taiwan*
US
California
Europe
Spain
Texas
Sweden
Japan
Brazil
Russia
Iran
World
Mexico
India
Ghana
China
January '23
0:1000
50:1000
100:1000
150:1000
200:1000
250:1000


Avg Annual CV19 Deaths '20 -'22
US
Brazil
Texas
United Kingdom
Italy
Russia
Mexico
Spain
California
France
Sweden
Europe
Iran
World
Taiwan*
Korea, South
New Zealand
Japan
India
Australia
Ghana
China
0:100k
40:100k
80:100k
120:100k