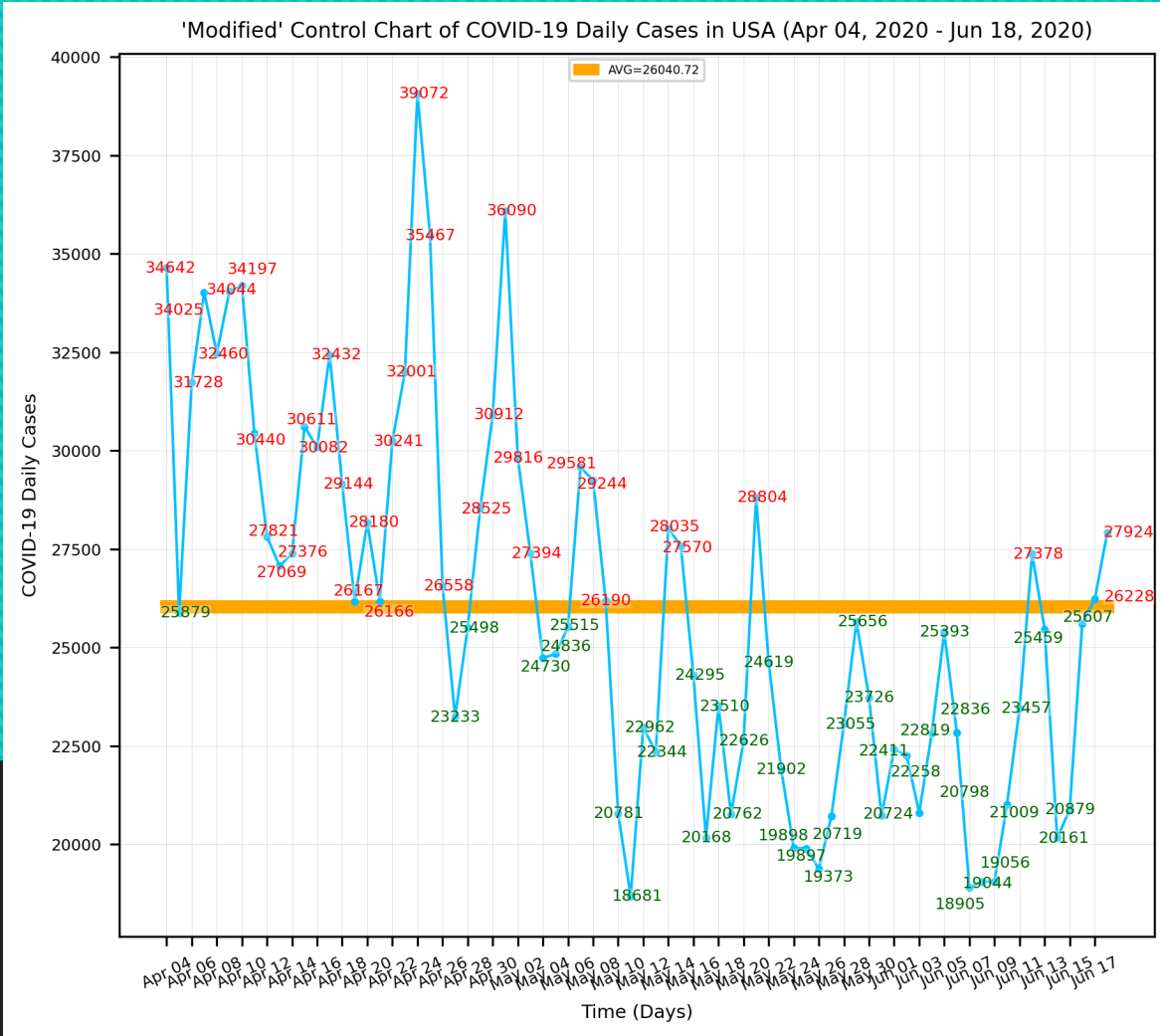


# COVID-19 'MODIFIED' Control Chart Analysis

As of Thursday 6/18/2020, 5:00PM HST

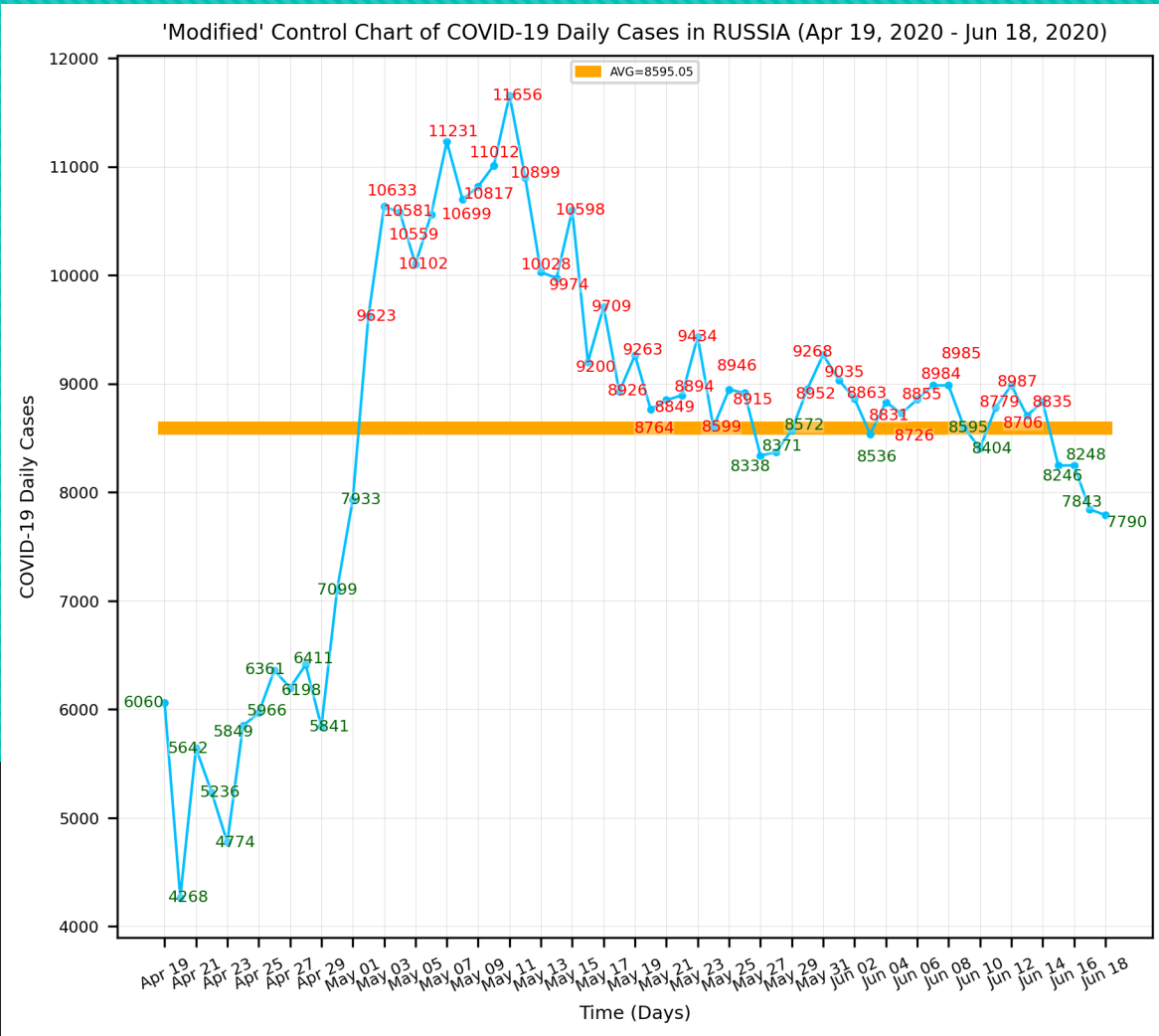
# USA



## 'Modified' Control Chart Analysis:

- Two points, out of three successive points, are on the same side of the centerline in Zone A or beyond.
  - The last two points (6/17/20 – 6/18/20) are both above the control line, which suggests a bad 'out-of-control' pattern for COVID-19 cases in USA.
- Four points, out of five successive points, are on the same side of the centerline in Zone B or beyond.
  - Four points (6/13/20 – 6/16/20) are all below the control line, which suggests a good 'out-of-control' pattern for COVID-19 cases in USA.
- Nine successive points are on one side of the centerline.
  - Nine consecutive points (6/3/20 – 6/11/20) are all on one side (below) of the centerline. This good 'out-of-control' pattern indicates that the daily COVID-19 cases in USA are stabilizing in a positive direction during this period.

# Russia

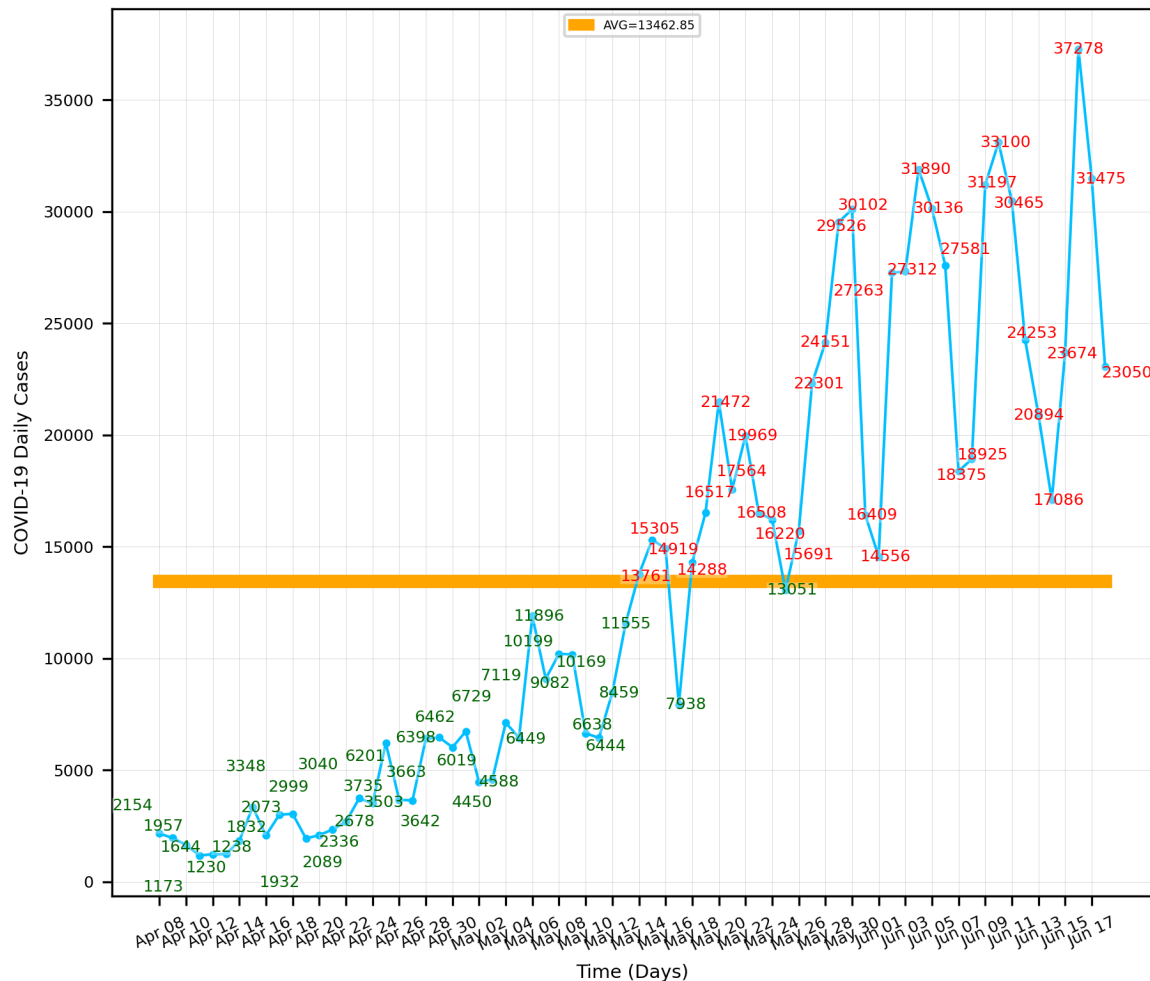


## 'Modified' Control Chart Analysis:

- Two points, out of three successive points, are on the same side of the centerline in Zone A or beyond.
  - The last three points (6/16/20 – 6/18/20) are all below the control line, which suggests a good 'out-of-control' pattern for COVID-19 cases in Russia. Also, the linear trendline has a downward slope.
- Four points, out of five successive points, are on the same side of the centerline in Zone B or beyond.
  - Four points (6/15/20 – 6/18/20) are all below the control line, which suggests a good 'out-of-control' pattern for COVID-19 cases in Russia. Also, the linear trendline has a downward slope.
- Nine successive points are on one side of the centerline.
  - Nine consecutive points (5/18/20 – 5/26/20) are all on one side (above) of the centerline. This bad 'out-of-control' pattern indicates that the daily COVID-19 cases in Russia are stabilizing in a bad direction during this period.

# Brazil

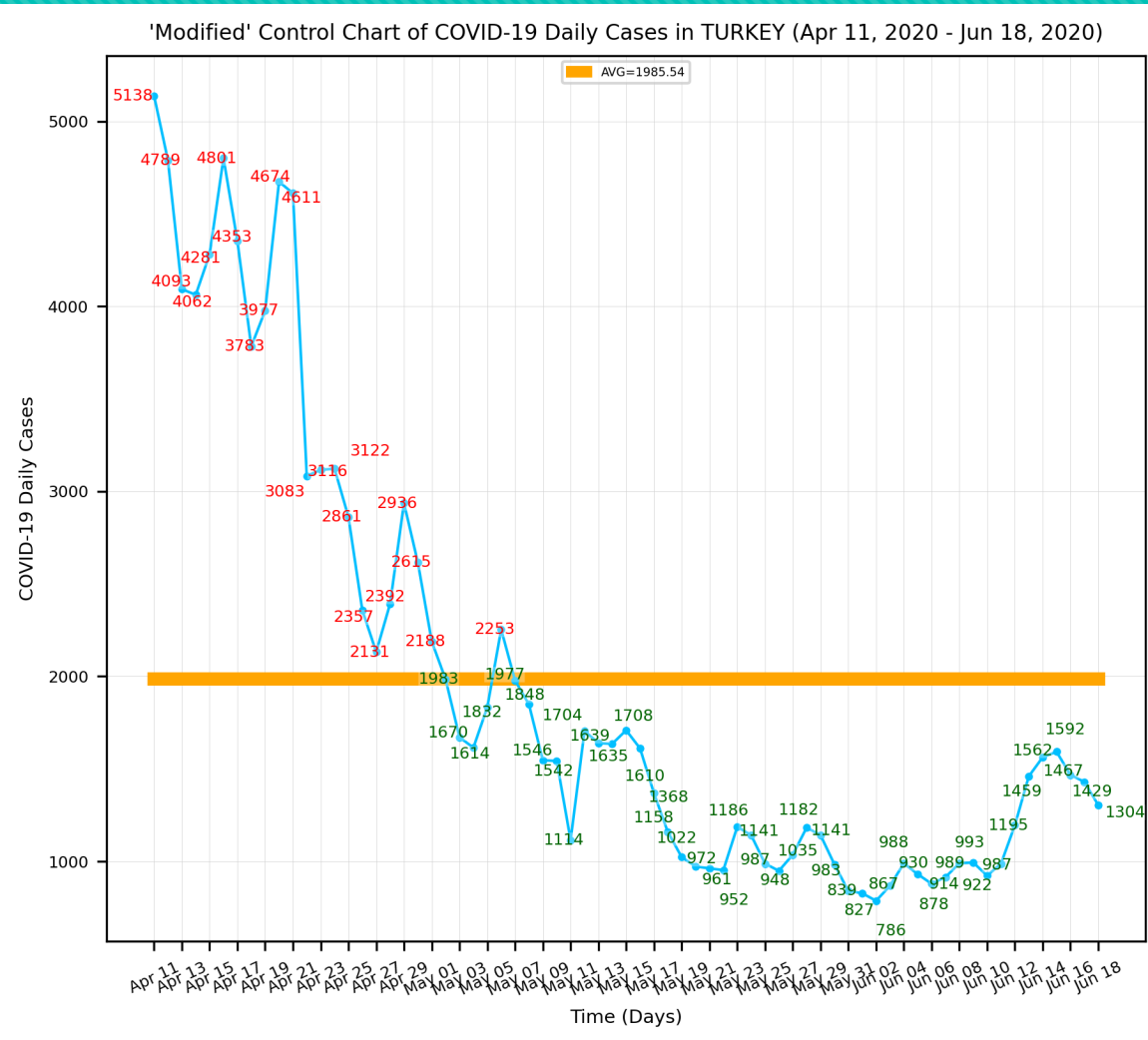
'Modified' Control Chart of COVID-19 Daily Cases in BRAZIL (Apr 08, 2020 - Jun 18, 2020)



## 'Modified' Control Chart Analysis:

- Two points, out of three successive points, are on the same side of the centerline in Zone A or beyond.
  - The last three points (6/16/20 – 6/18/20) are all above the control line, which suggests a bad 'out-of-control' pattern for COVID-19 cases in Brazil. However, the linear trendline has a remarkable downward slope.
- Four points, out of five successive points, are on the same side of the centerline in Zone B or beyond.
  - The last five points (6/14/20 – 6/18/20) are all above the control line, which indicates that there is a bad 'out-of-control' pattern for COVID-19 cases in Brazil.
- Nine successive points are on one side of the centerline.
  - Nine consecutive points (6/10/20 – 6/18/20) are all on one side (above) of the centerline. This bad 'out-of-control' pattern indicates that the daily COVID-19 cases in Brazil are stabilizing in a bad direction.

# Turkey

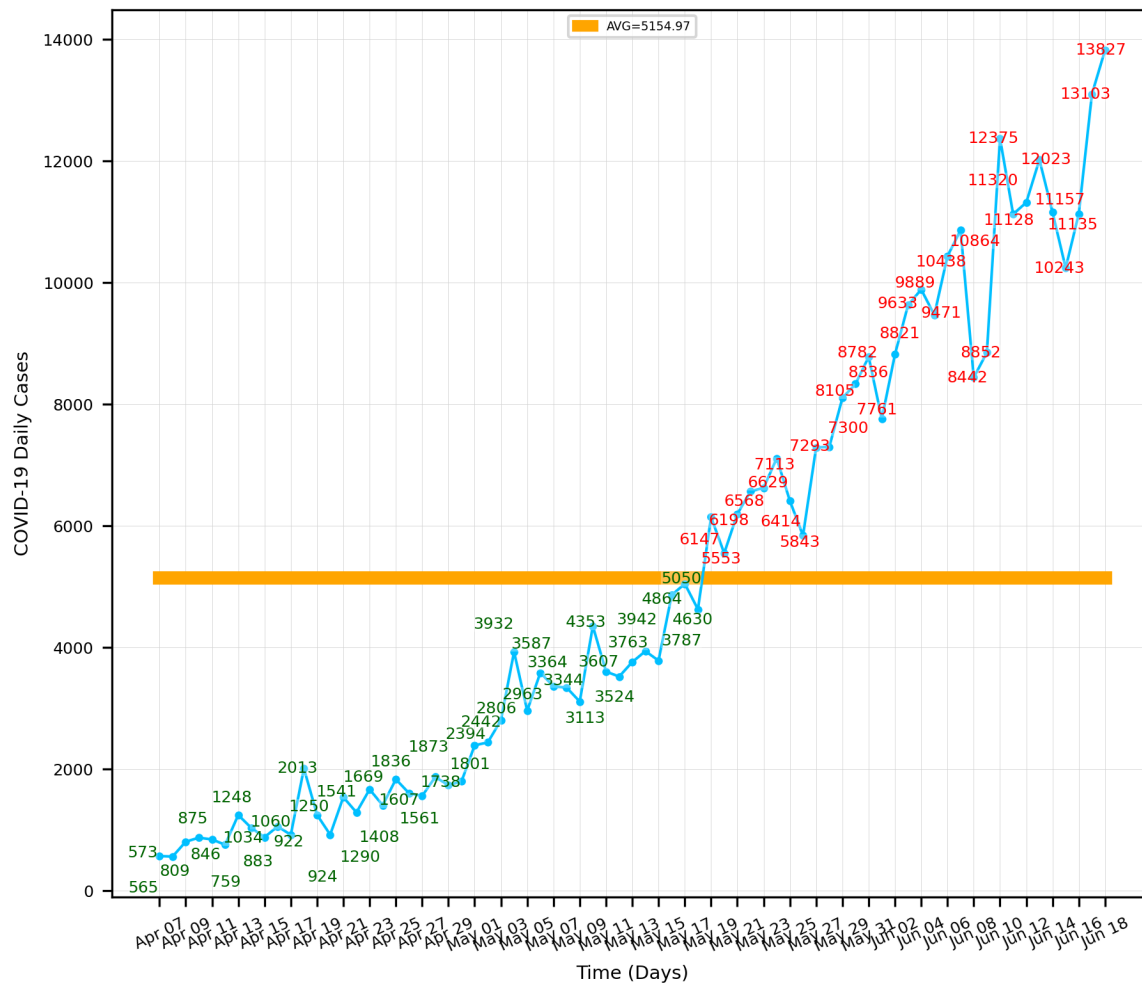


## 'Modified' Control Chart Analysis:

- Two points, out of three successive points, are on the same side of the centerline in Zone A or beyond.
  - The last three points (6/16/20 – 6/18/20) are all below the control line, which suggests a good 'out-of-control' pattern for COVID-19 cases in Turkey. Also, the linear trendline has a downward slope.
- Four points, out of five successive points, are on the same side of the centerline in Zone B or beyond.
  - The last five points (6/14/20 – 6/18/20) are all below the control line, which suggests a good 'out-of-control' pattern for COVID-19 cases in Turkey. Also, the linear trendline has a downward slope.
- Nine successive points are on one side of the centerline.
  - Nine consecutive points (6/10/20 – 6/18/20) are all on one side (below) of the centerline. This good 'out-of-control' pattern indicates that the daily COVID-19 cases in Turkey are stabilizing in a positive direction.
- There are six consecutive points, increasing or decreasing.
  - There are six consecutive points (5/16/20 – 5/22/20) decreasing which indicates a good 'out-of-control' sign. The daily cases are trending in the good direction.

# India

'Modified' Control Chart of COVID-19 Daily Cases in INDIA (Apr 07, 2020 - Jun 18, 2020)

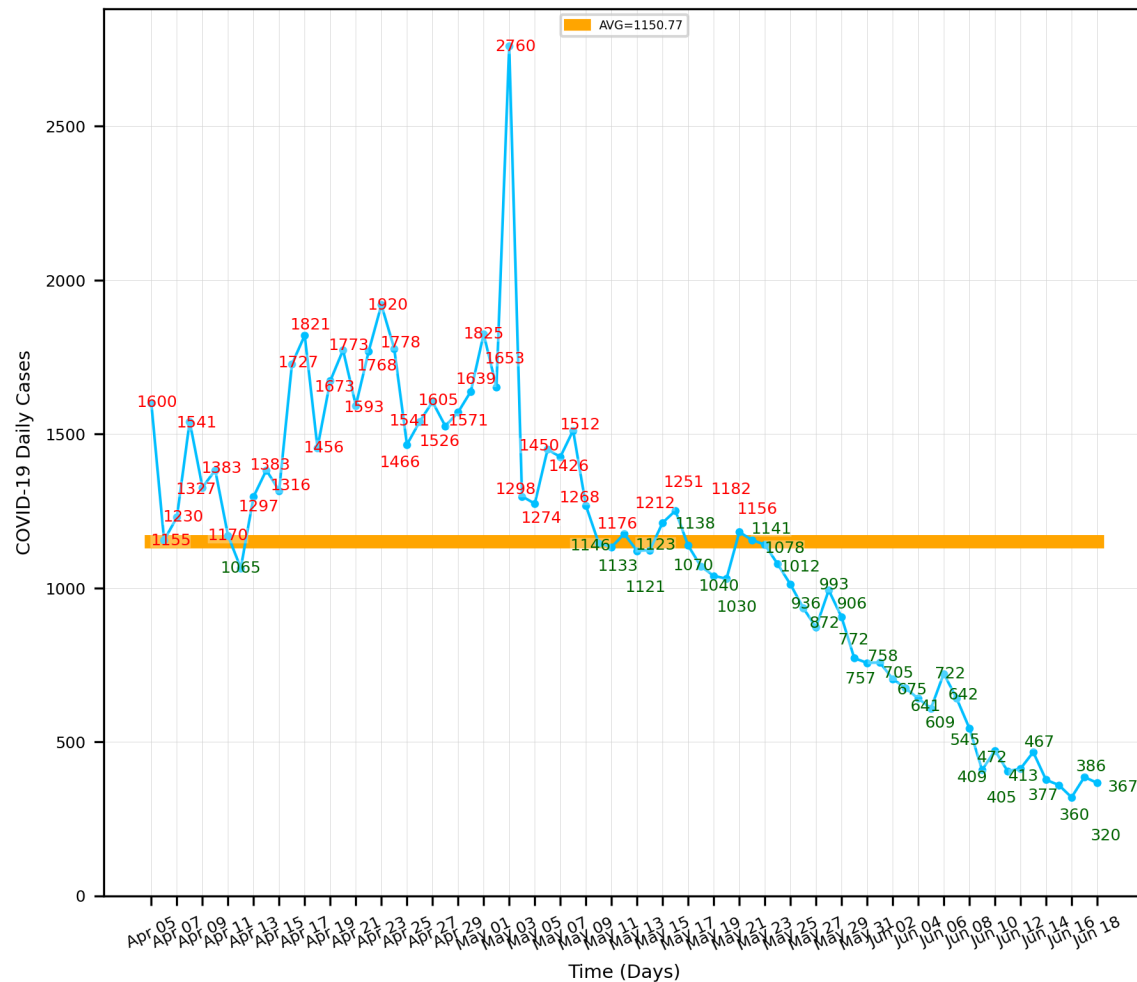


## 'Modified' Control Chart Analysis:

- Two points, out of three successive points, are on the same side of the centerline in Zone A or beyond.
  - The last three points (6/16/20 – 6/18/20) are all above the control line, which suggests a bad 'out-of-control' pattern for COVID-19 cases in India.
- Four points, out of five successive points, are on the same side of the centerline in Zone B or beyond.
  - The last five points (6/14/20 – 6/18/20) are all above the control line, which suggests a bad 'out-of-control' pattern for COVID-19 cases in India.
- Nine successive points are on one side of the centerline.
  - Nine consecutive points (6/10/20 – 6/18/20) are all on one side (above) of the centerline. This bad 'out-of-control' pattern indicates that the daily COVID-19 cases in India are stabilizing in a bad direction.

# Canada

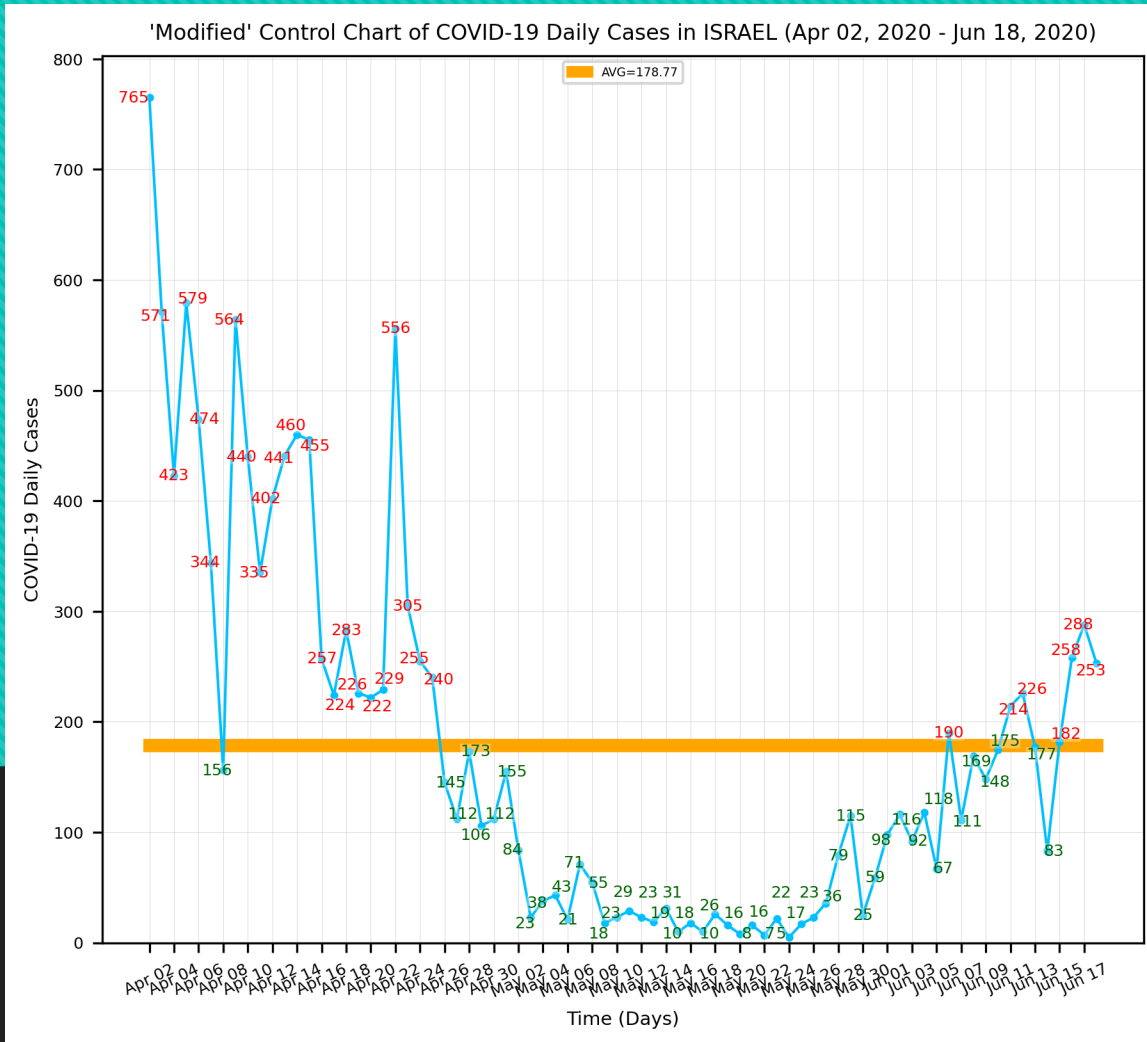
'Modified' Control Chart of COVID-19 Daily Cases in CANADA (Apr 05, 2020 - Jun 18, 2020)



## 'Modified' Control Chart Analysis:

- Two points, out of three successive points, are on the same side of the centerline in Zone A or beyond.
  - The last three points (6/16/20 – 6/18/20) are all below the control line, which suggests a good 'out-of-control' pattern for COVID-19 cases in Canada.
- Four points, out of five successive points, are on the same side of the centerline in Zone B or beyond.
  - The last five points (6/14/20 – 6/18/20) are all below the control line, which suggests a good 'out-of-control' pattern for COVID-19 cases in Canada.
- Nine successive points are on one side of the centerline.
  - Nine consecutive points (6/10/20 – 6/18/20) are all on one side (below) of the centerline. This good 'out-of-control' pattern indicates that the daily COVID-19 cases in Canada are stabilizing in a positive direction.
- There are six consecutive points, increasing or decreasing.
  - There are six consecutive points (5/21/20 – 5/27/20) decreasing which indicates a good 'out-of-control' sign. The daily cases are trending in the good direction.

# Israel



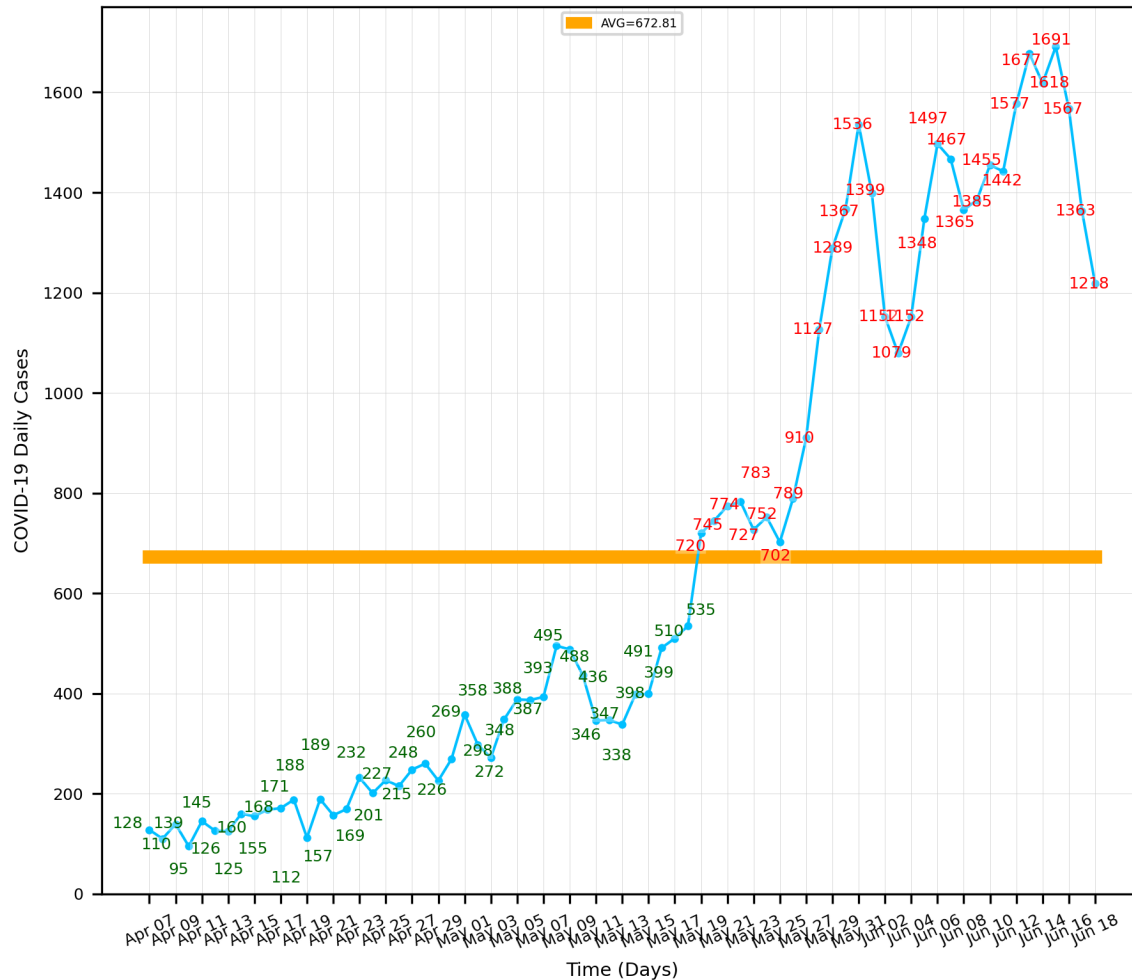
## 'Modified' Control Chart Analysis:

- Two points, out of three successive points, are on the same side of the centerline in Zone A or beyond.
  - The last three points (6/16/20 - 6/18/20) are all above the control line, which suggests a bad 'out-of-control' pattern for COVID-19 cases in Israel.
- Four points, out of five successive points, are on the same side of the centerline in Zone B or beyond.
  - The last four points (6/15/20 - 6/18/20) are all above the control line, which suggests a bad 'out-of-control' pattern for COVID-19 cases in Israel.
- Nine successive points are on one side of the centerline.
  - Nine consecutive points (5/28/20 - 6/5/20) are all on one side (below) of the centerline. This good 'out-of-control' pattern suggests that the daily COVID-19 cases in Israel are stabilizing in a positive direction during this period.



# Egypt

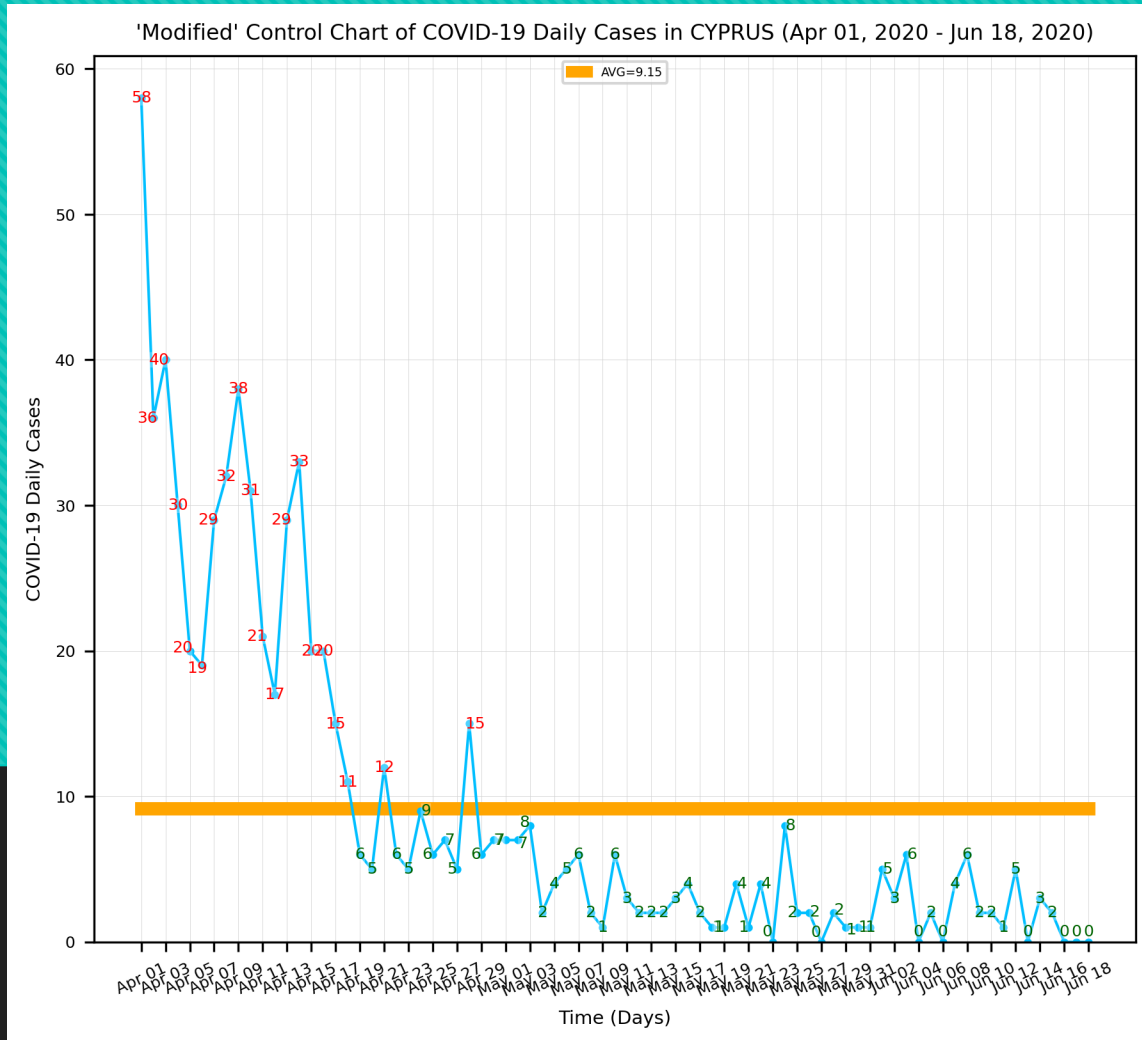
'Modified' Control Chart of COVID-19 Daily Cases in EGYPT (Apr 07, 2020 - Jun 18, 2020)



## 'Modified' Control Chart Analysis:

- Two points, out of three successive points, are on the same side of the centerline in Zone A or beyond.
  - The last three points (6/16/20 – 6/18/20) are all above the control line, which suggests a bad 'out-of-control' pattern for COVID-19 cases in Egypt. However, the linear trendline has a downward slope.
- Four points, out of five successive points, are on the same side of the centerline in Zone B or beyond.
  - The last five points (6/14/20 – 6/18/20) are all above the control line, which suggests a bad 'out-of-control' pattern for COVID-19 cases in Egypt. However, the linear trendline has a downward slope.
- Nine successive points are on one side of the centerline.
  - Nine consecutive points (6/10/20 – 6/18/20) are all on one side (above) of the centerline. This bad 'out-of-control' pattern indicates that the daily COVID-19 cases in Egypt are stabilizing in a bad direction.
- There are six consecutive points, increasing or decreasing.
  - There are six consecutive points (5/25/20 – 5/31/20) increasing which indicates a bad 'out-of-control' sign. The daily cases are trending in the bad direction during this period.

# Cyprus

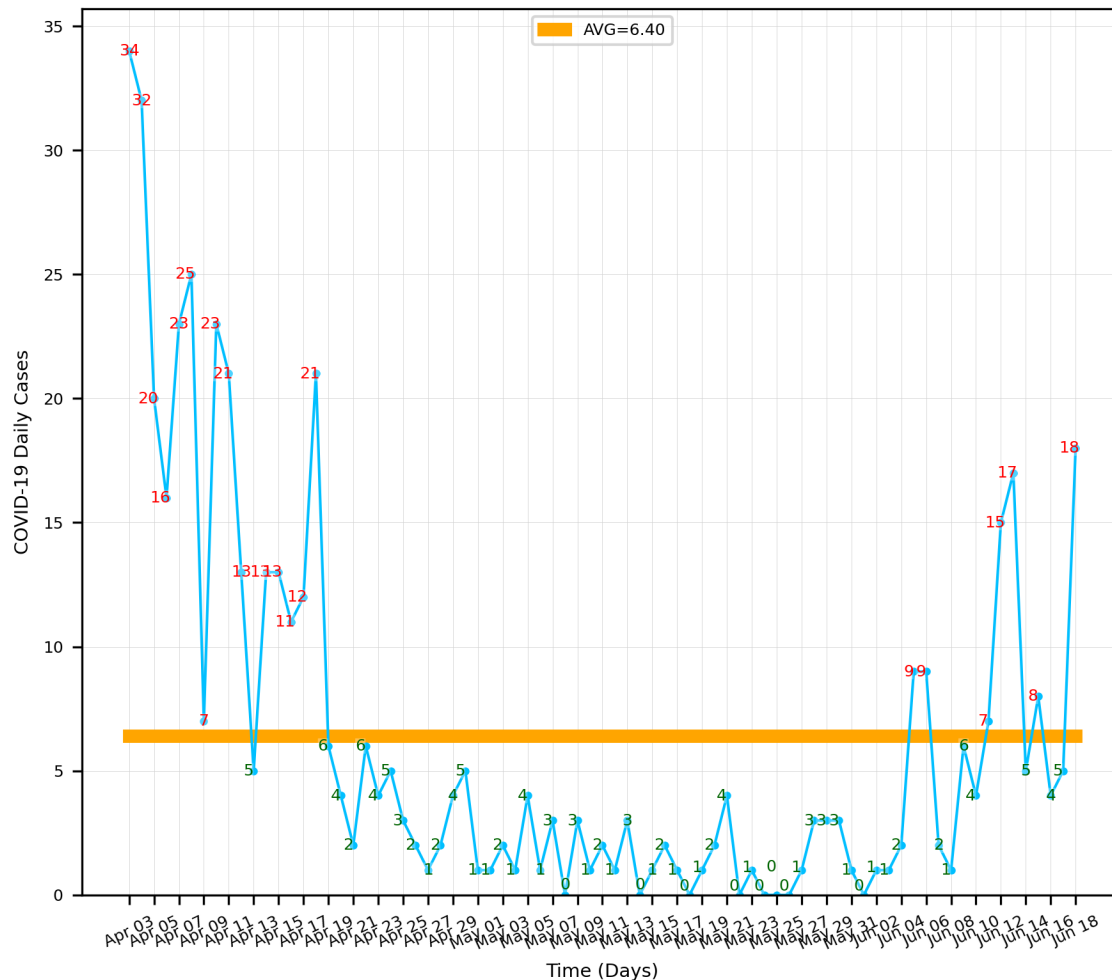


## 'Modified' Control Chart Analysis:

- Two points, out of three successive points, are on the same side of the centerline in Zone A or beyond.
  - The last three points (6/16/20 – 6/18/20) are all below the control line, which suggests a good 'out-of-control' pattern for COVID-19 cases in Cyprus.
- Four points, out of five successive points, are on the same side of the centerline in Zone B or beyond.
  - The last five points (6/14/20 – 6/18/20) are all below the control line, which suggests a good 'out-of-control' pattern for COVID-19 cases in Cyprus. A good 'out-of-control' sign. Also, a linear trend line with a downward slope can be observed from 4/1/20.
- Nine successive points are on one side of the centerline.
  - Nine consecutive points (6/10/20 – 6/18/20) are all on one side (below) of the centerline. This good 'out-of-control' pattern suggests that the daily COVID-19 cases in Cyprus are stabilizing in a positive direction.

# Hawaii

'Modified' Control Chart of COVID-19 Daily Cases in HAWAII (Apr 03, 2020 - Jun 18, 2020)



## 'Modified' Control Chart Analysis:

- Two points, out of three successive points, are on the same side of the centerline in Zone A or beyond.
  - Two points (6/16/20 - 6/17/20) are both below the control line, which suggests a good 'out-of-control' pattern for COVID-19 cases in Hawaii during this period.
- Four points, out of five successive points, are on the same side of the centerline in Zone B or beyond.
  - Four points (6/7/20 - 6/10/20) are all below the control line, which suggests a good 'out-of-control' pattern for COVID-19 cases in Hawaii during this period.
- Nine successive points are on one side of the centerline.
  - Nine consecutive points (5/27/20 - 6/4/20) are all on one side (below) of the centerline. This good 'out-of-control' pattern suggests that the daily COVID-19 cases in Hawaii are stabilizing in a positive direction during this period.