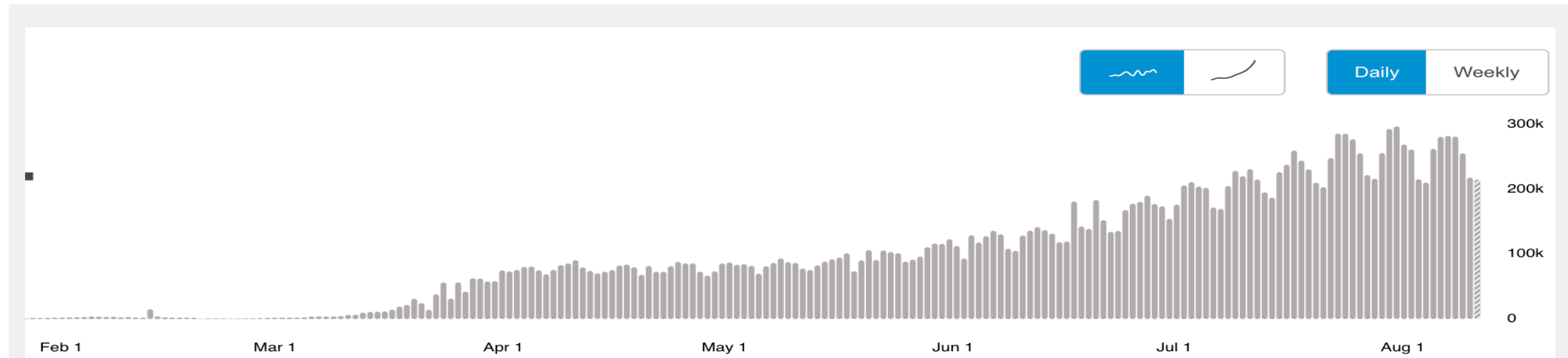# COVID-19 Related Behavior

Demo

Motivation
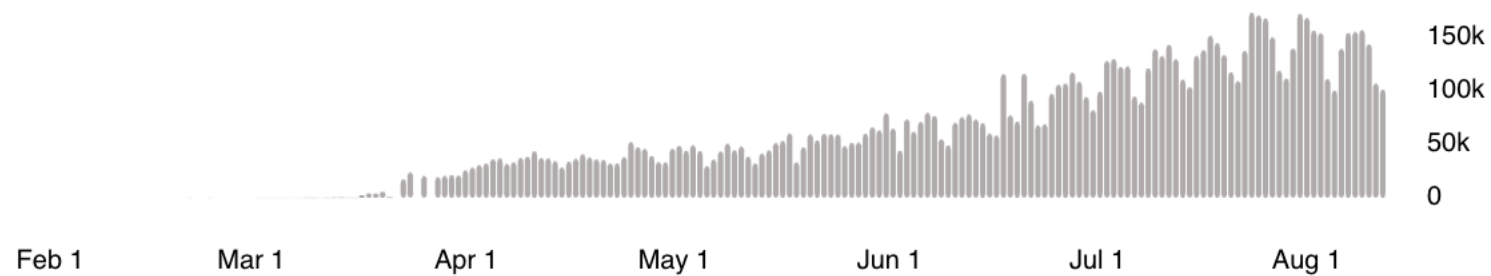

Global Situation of confirmed cases

Americas

10,799,062
confirmed cases

Source:World Health Organization

Data Source

Data Source

| Latest | Yesterday |

Search by Country, Territory, or Area

Situation by Country, Territory & Area

Name	Cases - cumulative total	Cases - newly reported in last 24 hours	Deaths - cumulative total	Deaths - newly reported in last 24 hours	Transmission Classification
Global	**20,162,474**	**214,985**	**737,417**	**4,835**	

Number of infected people can be searched by region, and the rate will be approximately the number divided by Resident Population in recent period.

Analysis

Preparation
Quantify the behavior survey

timeline	location
Dec 2019	0.00
Feb 2020	+ 1.007%
Apr 2020	+ 2.012%
Jul 2020 年	+ 4.031%

relation
Get a better data supported "do and don't" result

Consideration

The different peaks in different location and changes in people's behaviors as time goes on.

Situation by WHO Region

Americas 10,547.99
confirmed cases per 1 million population

Europe 3,897.85
confirmed cases per 1 million population

Eastern Mediterranean 2,282.72
confirmed cases per 1 million population

South-East Asia 1,362.96
confirmed cases per 1 million population

Africa 809.91
confirmed cases per 1 million population

Western Pacific 198.36
confirmed cases per 1 million population

Source: World Health Organization

| Daily | Weekly | | Cases | Deaths | | Per 1 million populati… |

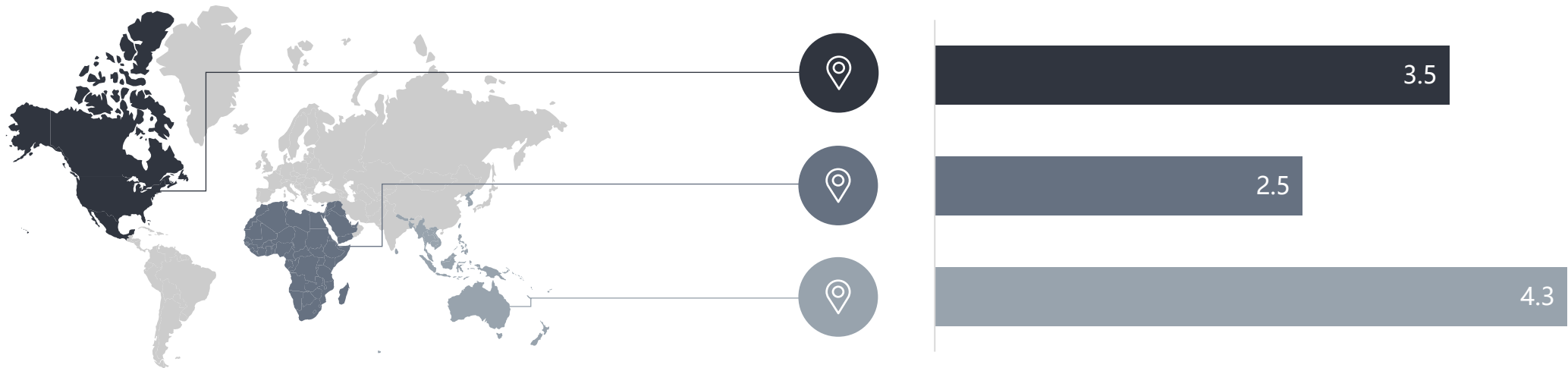an 1   Feb 1   Mar 1   Apr 1   May 1   Jun 1   Jul 1   Aug 1
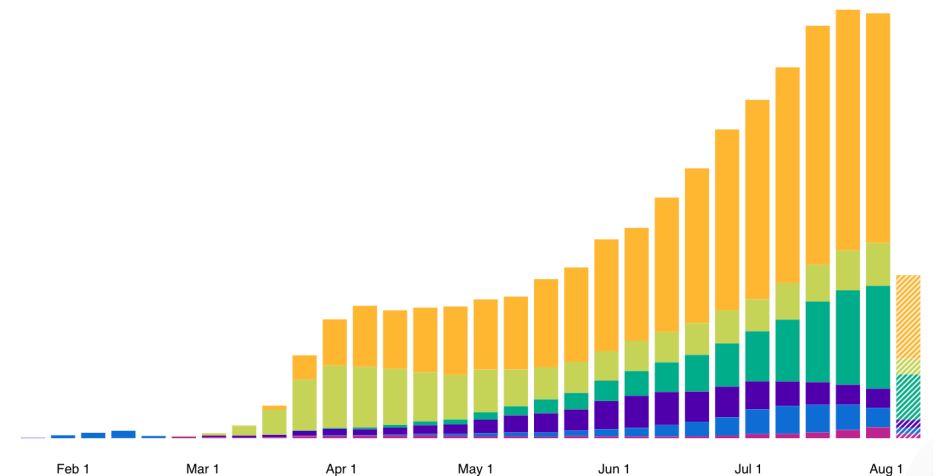
Practical method

Time series analysis on the infection rates for a specific country/ state，find trends behind the data.

Check the behaviors on "special" time period to find connection or consequences.

Make suggestions for individuals.

Thank you!