



**School of Sport, Tourism
and Hospitality Management**

COVID19Tourism Index

www.covid19tourism.com

Definition

The COVID-19 pandemic has been devastating to tourism and travel.

Covid19Tourism index helps the industry gauge the recovery level compared to the "normal time" without Covid19.

A level of 100 indicates the recovery to the "normal" level: corresponding value in 2019 adjusted by YoY change in January 2020.



Five sub-indexes were used to generate the daily value of each country.



Aviation Index

Measures the air flight departure volume in the major international airports of the country



Hotel Index

Measures the hotel performance level of major hotels and hotel chains in the country.



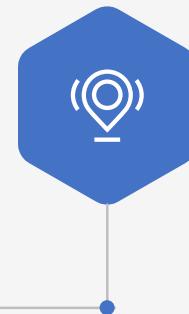
Pandemic Index

Measures the pandemic situation based on new COVID-19 cases per 1 million inbound tourists.



Interest Index

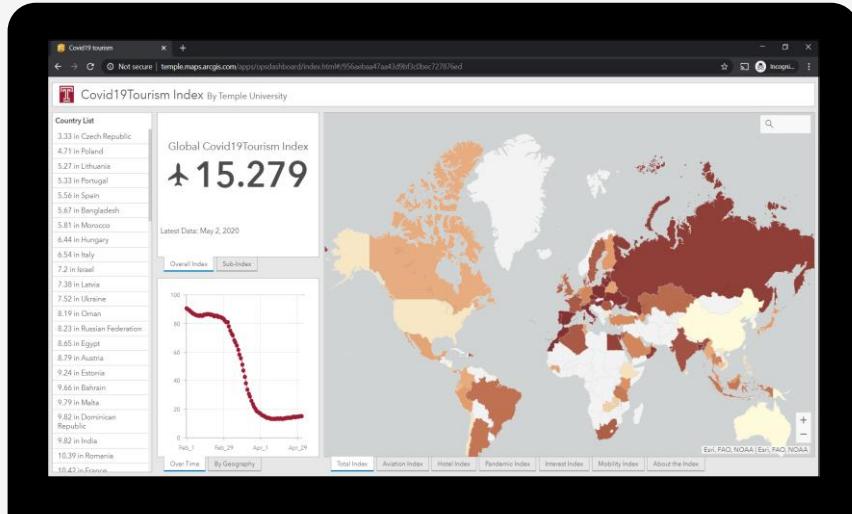
Measures the online interests in the search engine from potential tourists.



Mobility Index

Measures the level of mobility in tourism-related locations, such as national parks, amusement parks, and transport hubs.

Data sources



Hotel Data

Collected from STR, LLC, the most reputable hotel data vendor.



Flight Data

Collected from the database of International Civil Aviation Organization (ICAO).



Pandemic Data

Collected from European Centre for Disease Prevention and Control



Interest Data

Collected from the online search volume index via Google Trends



Mobility Data

Collected from Google Mobility Tracker based on tourism-related locations



Tourism Data

Collected from the United Nations World Tourism Organization

Dashboard

The dashboard displays the following features:

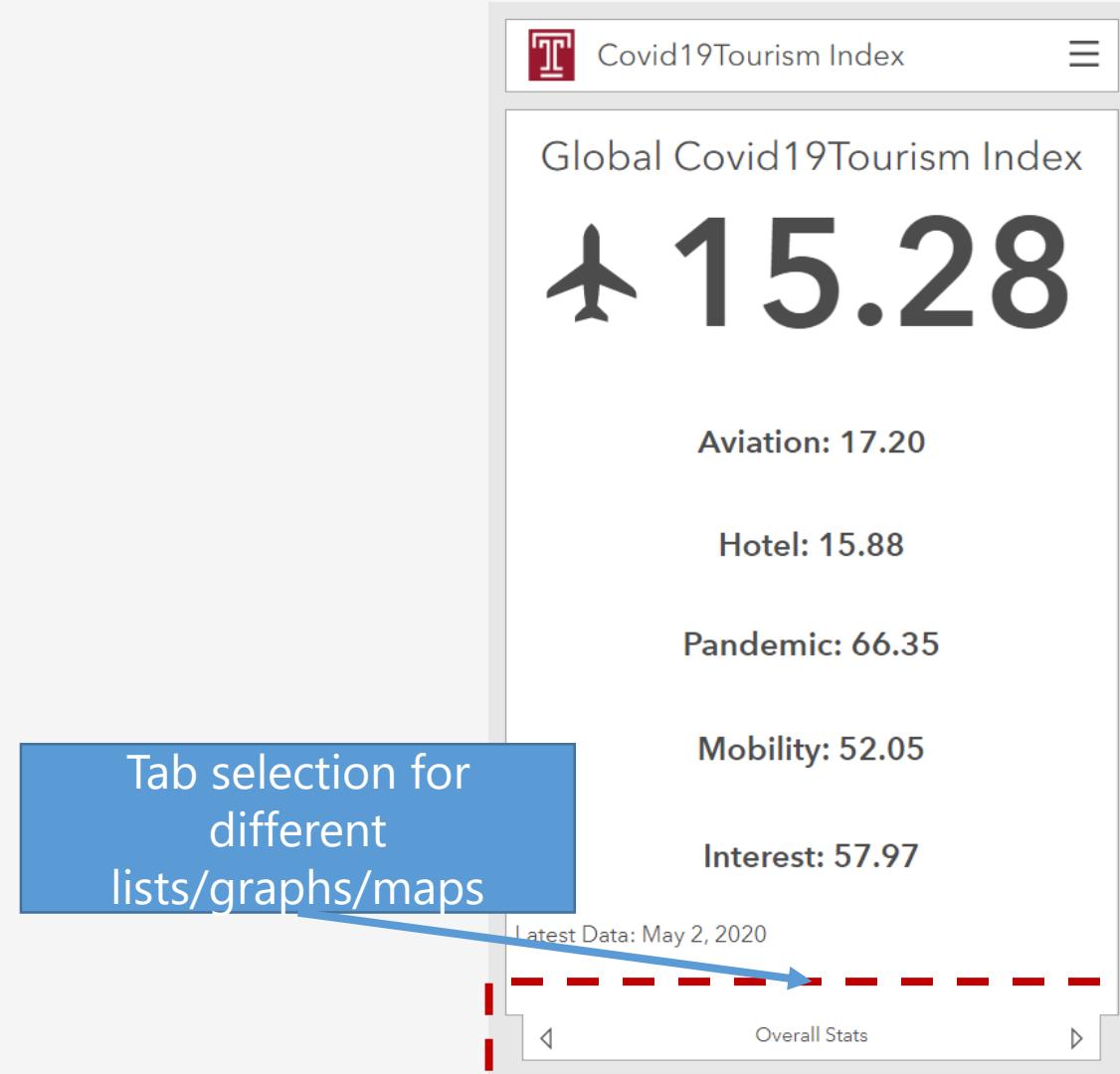
- Country list sort by the latest index:** A list of countries with their latest Covid19Tourism Index values, sorted by the latest index. The list includes:
 - 3.33 in Czech Republic
 - 4.71 in Poland
 - 6.44 in Hungary
 - 6.54 in Italy
 - 7.2 in Israel
 - 7.38 in Latvia
 - 7.52 in Ukraine
 - 8.19 in Oman
 - 8.23 in Russian Federation
 - 8.65 in Egypt
 - 8.79 in Austria
 - 9.24 in Estonia
 - 9.66 in Bahrain
 - 9.79 in Malta
- Latest global index:** A large display showing the Global Covid19Tourism Index value of **15.28** with a small airplane icon. A callout box highlights this value.
- Graphs of index:** A line graph showing the Covid19Tourism Index over time from February 1 to April 29, 2020. The latest data point is May 2, 2020. A callout box highlights this graph.
- Country search box:** A search bar at the top right of the dashboard.
- Country selection and pop-up box:** A callout box pointing to a pop-up window for India, which shows the index value of 9.82 for May 2, 2020, and the total inbound tourist arrivals in 2018.
- Tab selection for different maps:** A callout box pointing to the bottom navigation bar where tabs for different data sources (Esi, FAO, NOAA, Fmi, Fao, NOAA) are listed.

Dashboard

The dashboard also supports the mobile view.

The data will be updated every Thursday morning (US EST).

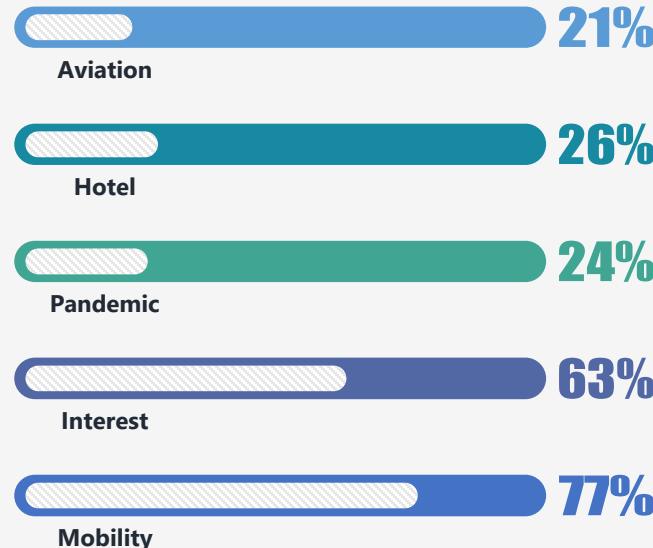
The index data will become available for download shortly.



Latest data



23% United States
Covid19Tourism Index



70% Italy
Covid19Tourism Index



Data from May 9, 2020

Contact

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