

Container Transportation Trends Barometer



ABOUT THE TRENDS BAROMETER

As "the Economist" stated in its "18 September 2021" edition, container shipping is in a perfect storm. Container transportation is the crucial element of the global supply chains, and container ships lug around a quarter of the world's traded goods by volume and three-fifths by value (The Economist, 2021). However, many parameters such as freight rates, disruptions like the Suez canal, congestion in ports, Covid 19 implications started to harm container transportation. Many parties involved in container transportation are interested in the trends of container transportation to make their decision-making process more robust.

In this study, the ShipsGo Academy team attempted to explore the container transportation trends in a longitudinal approach. This longitudinal approach is based on quarterly measurements of the perceptions of container transportation users. This report is the first study aiming to measure the trends in the first quarter of 2022. As the ShipsGo Academy team, we will measure the perceptions in every quarter and comparatively share the results.

We are delighted to share our findings and hope to get feedback from the container transportation ecosystem to improve our projects.

We designed an online questionnaire with logistics experts from both industry and academia and reached ShipsGo's users by e-mail. ShipsGo users' database includes more than 100,000 users. In order to increase the return rate from the respondents, follow-up mailings were initiated. The validity and reliability of the research are statistically acceptable.

Ten variables (parameters) were included in the study. Firstly, those variables were analyzed using descriptive statistics and in a comparative way between freight forwarders and beneficial cargo owners. Then, using those variables, six indices were created and calculated for the first quarter of 2022.

Indices presented in this report are in accordance with The Joint Harmonised Programme of Business and Consumer Surveys User Guide prepared by the European Commission Directorate-General for Economic and Financial Affairs.

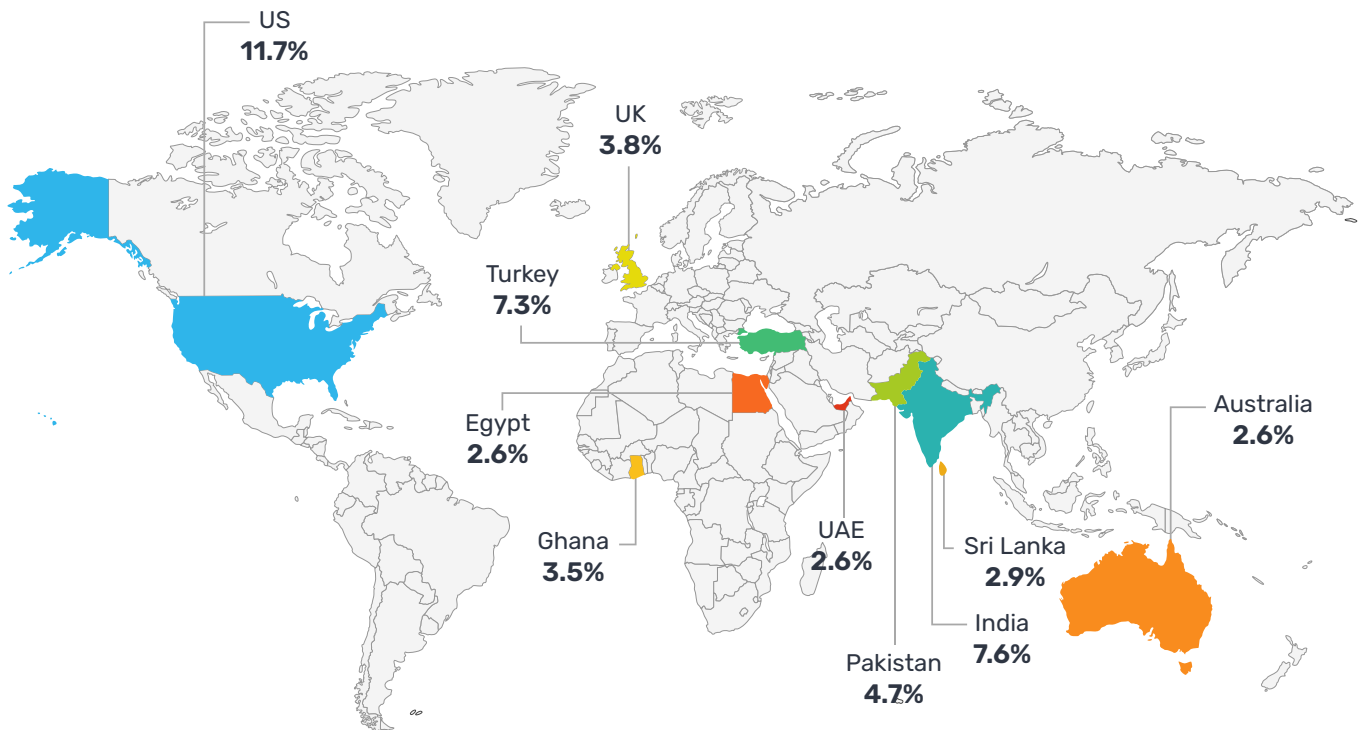
Indices can take values between 0 and 200. If the index value is higher than 100, it indicates that expectation is increasing, and if it is less than 100, it suggests the opposite.

The ShipsGo Academy Team

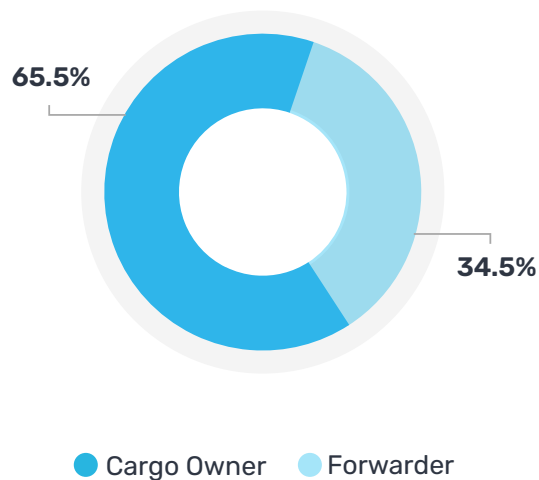
PROFILE OF THE RESPONDENTS

Eighty-one countries participated in barometer research. 50 % of all participants are from 10 countries. USA, India and Turkey are the leading countries in participation.

Geographical Distribution (%)



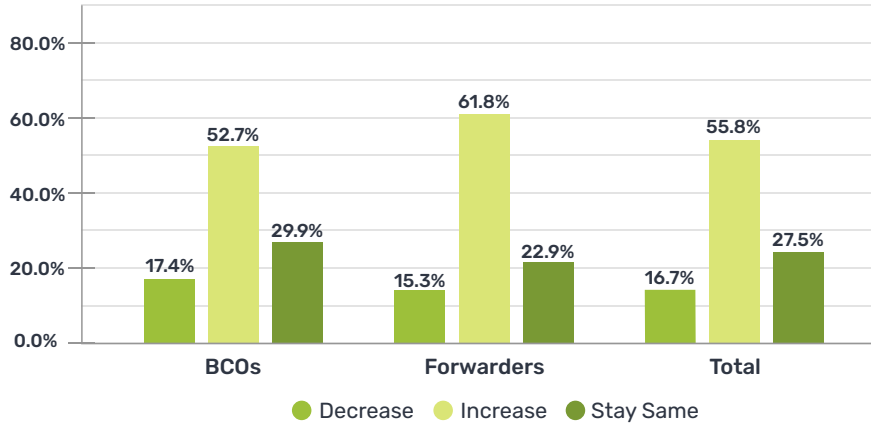
Industry of the Participants (%)



CONTAINER TRANSPORTATION TRENDS BAROMETER - Q1 2022

Freight Rate Barometer

Container Freight Rates in Q1 2022

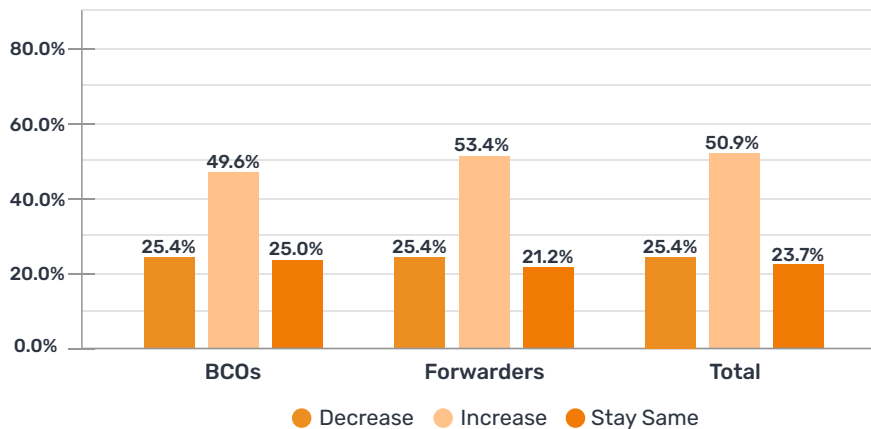


FREIGHT RATE INDEX
139.1

Participants are expecting an increase in container transportation freight rates for the corresponding quarter.

Container Trade Volume Barometer

Container Trade Volume in Q1 2022

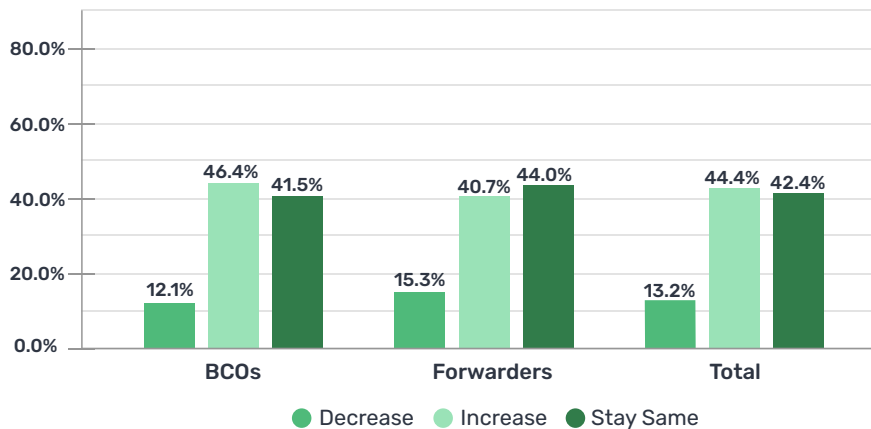


CONTAINER TRADE VOLUME INDEX
125.5

Participants are expecting an increase in container transportation volume for the corresponding quarter.

Environmental Sensitivity Barometer

Environmental Sensitivity in Q1 2022



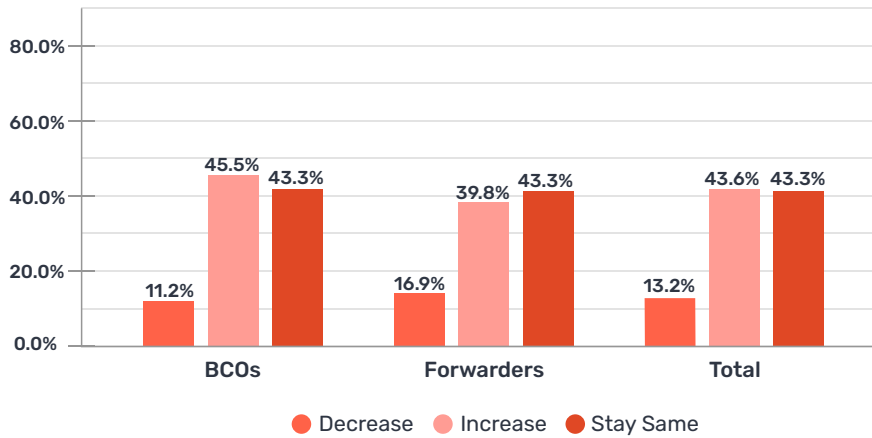
ENVIRONMENTAL SENSITIVITY INDEX
131.2

Participants are expecting an increase in container transportation freight rates for the corresponding quarter.

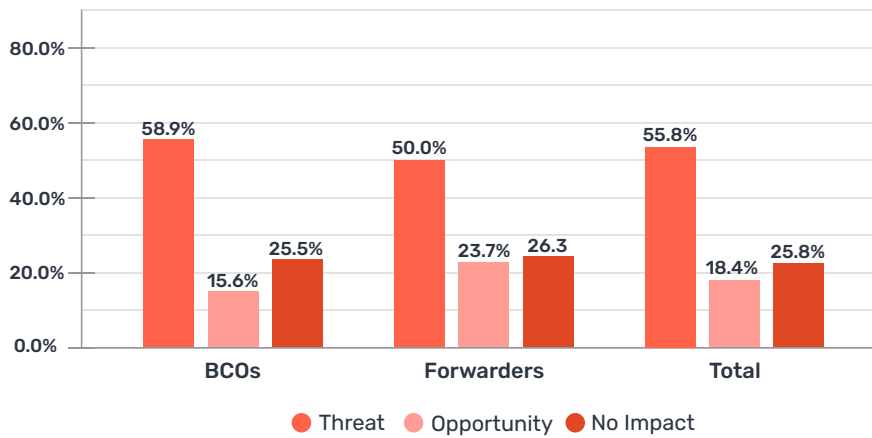
CONTAINER TRANSPORTATION TRENDS BAROMETER - Q1 2022

Disruption Risk Barometer

Cyber Attacks in Q1 2022



Covid 19 in Q1 2022

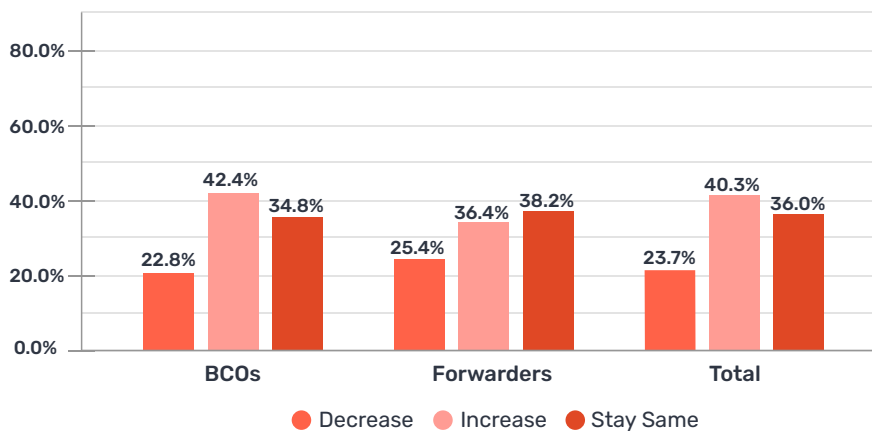


**DISRUPTION
RISK INDEX**
129.1



Participants are expecting an increase in disruptions for the corresponding quarter.

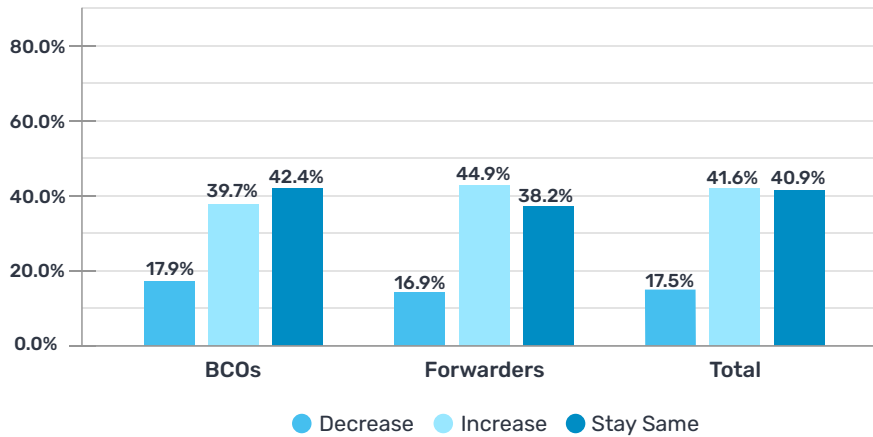
Disruptions in Q1 2022



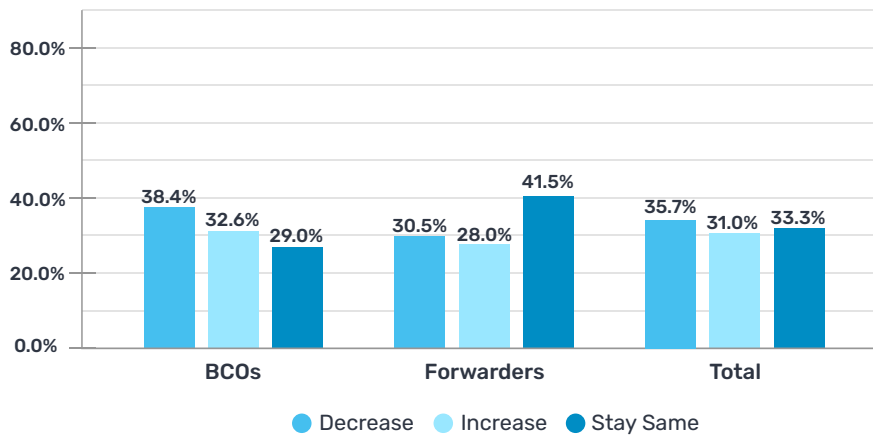
CONTAINER TRANSPORTATION TRENDS BAROMETER - Q1 2022

Carrier Reliability Barometer

Container Shortage in Q1 2022



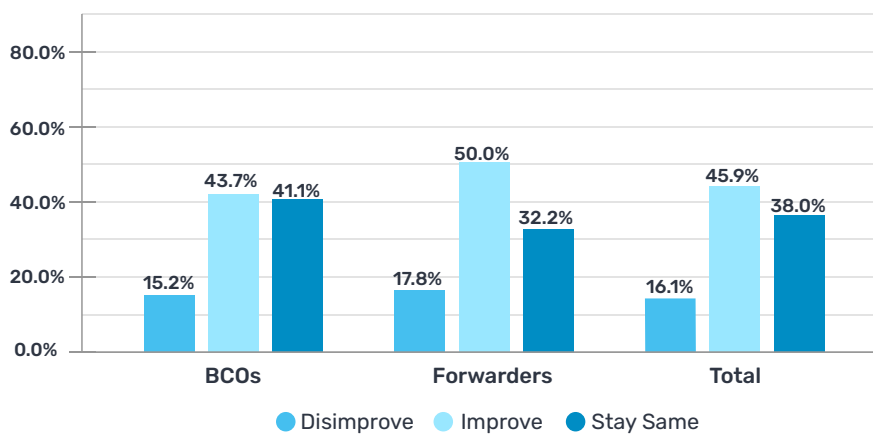
Carrier Reliability in Q1 2022



CARRIER RELIABILITY INDEX
97.93

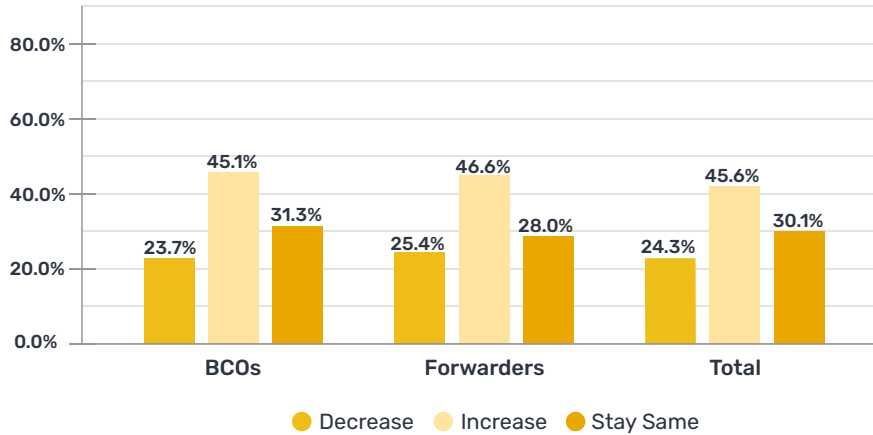
Participants are expecting a decrease in carrier reliability for the corresponding quarter.

Carrier visibility in Q1 2022



Port Congestion Barometer

Port Congestion in Q1 2022



**PORT
CONGESTION
INDEX**
121.3



Participants are expecting an increase in port congestions for the corresponding quarter.

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