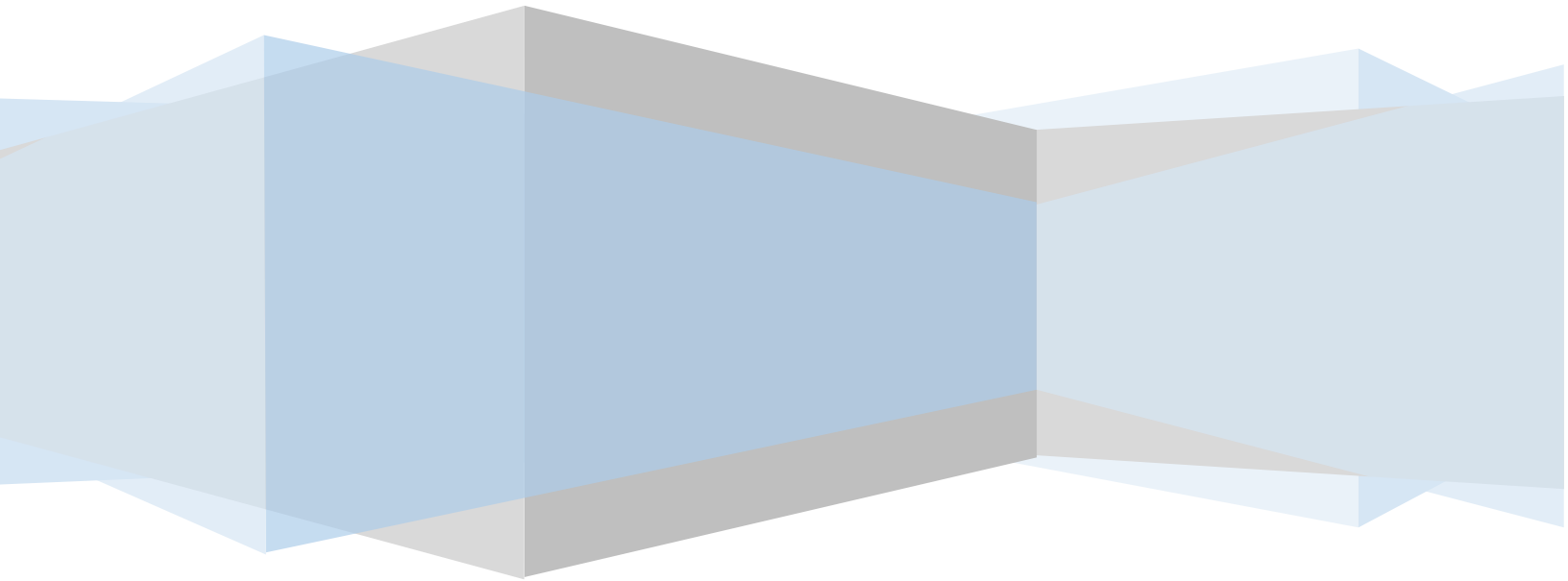


# POST OPERATIONS ANALYSIS REPORT

May, 2021

CENTRAL COMMAND CENTER, C-ATFM, DELHI







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## A. Executive Summary

The second wave of COVID-19 in India has been devastating and has hit the Indian aviation industry badly. Domestic Traffic has seen continuous decline since 1<sup>st</sup> April’21. The gradual decline driven largely by the second wave of COVID-19 has limited travel to only necessary travel, while both leisure and business travel have been curtailed due to various state-wide restrictions and the spread of the infections.

International Commercial scheduled flights continue to remain suspended in India till 1829 UTC of 30<sup>th</sup> June’21(NOTAM G0577/21). The international passenger traffic, which is being carried out under Vande Bharat Mission(VBM) and air bubble pacts with various countries in the absence of regular commercial international services since late March last year also saw a sequential decline. This was due to the cancellation of flights to/from India by many countries like the US, the UK, Singapore, Kuwait, France, Canada, Australia, Iran, Indonesia and the UAE, which had air bubble pact or are under the VBM, citing the increasing coronavirus cases.

No ATFM measure was applied in the month of May’21 as no demand Capacity imbalance was observed at any Indian Airports.

## Traffic Analysis

### I. Air Traffic Movement at 3 Major Airports in India

Air Traffic Movement for each day of the month of May’21 is plotted for Delhi, Mumbai and Bengaluru Airport along with the percentage change w.r.t. movement on 1<sup>st</sup> May’21.

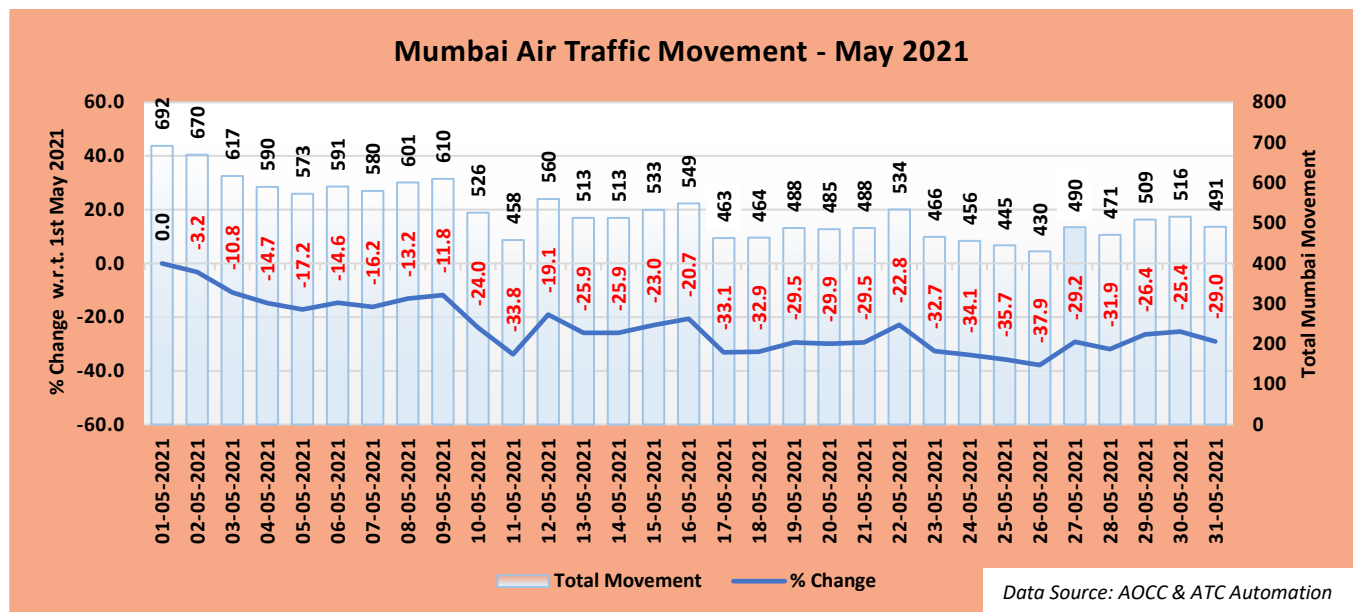


Figure 1: Delhi Air Traffic Movement - May 2021

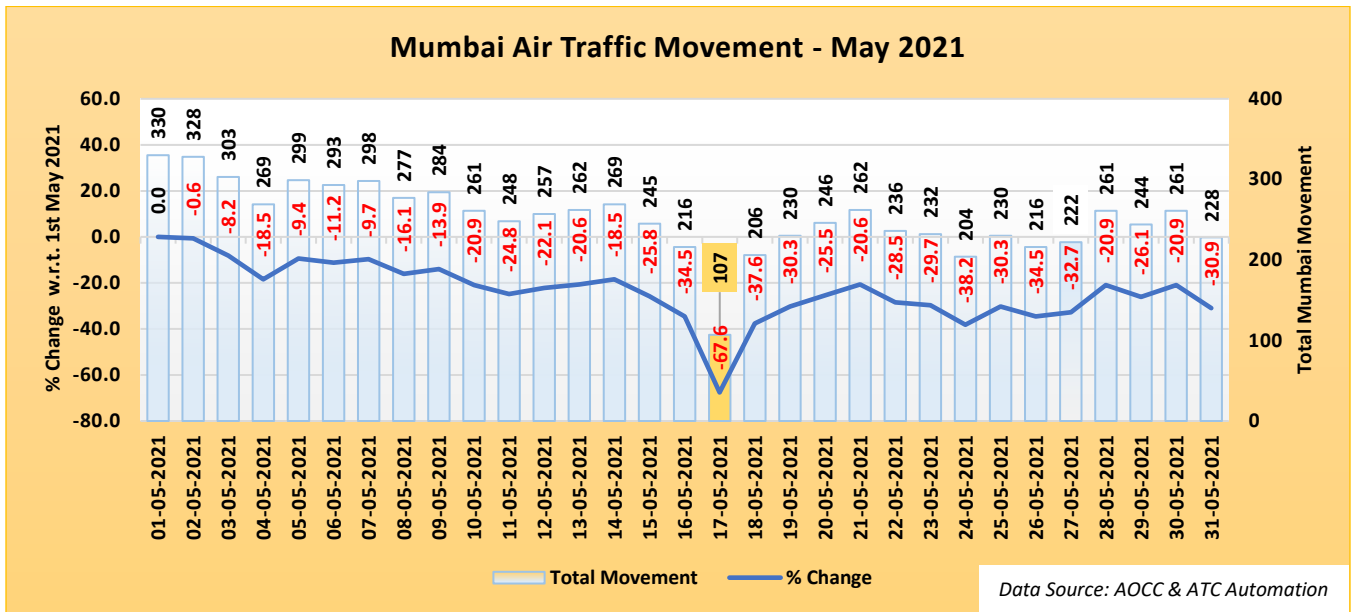


Figure 2: Mumbai Air Traffic Movement - May 2021

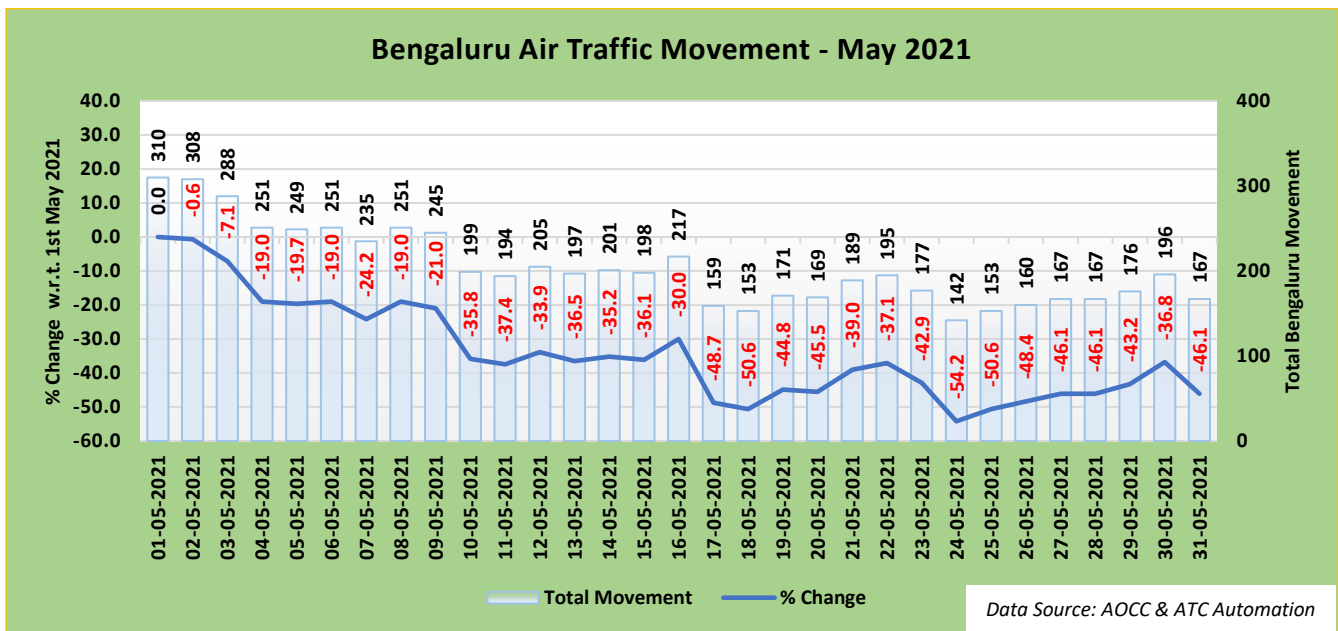


Figure 3: Bengaluru Air Traffic Movement - May 2021

It is evident from the above charts that the air traffic has seen a decline with upto 29% decline in Delhi, 30.9% decline in Mumbai and 46.1% decline at Bengaluru Airport on 31<sup>st</sup> May'21 as compared to the Air Traffic movement on 1<sup>st</sup> May'21.



## II. Comparison of total ATMs (YoY) and Monthwise

The total Air traffic movement including Passenger and Combination of other flights i.e. All-Cargo flights, International scheduled, International non-scheduled, Domestic scheduled, Domestic non-scheduled, Air taxi & commercial business flights at six major Indian Airports namely Delhi, Mumbai, Bengaluru, Hyderabad, Kolkata and Chennai is plotted for the month of May'21. Air Traffic movement is also plotted Airline wise for the month for the major Scheduled Operators.

The graph below depicts the total ATMs in the month of May for the year 2019,2020 and 2021 for six major airports and the percentage change in comparison to the total ATMs in May'19.

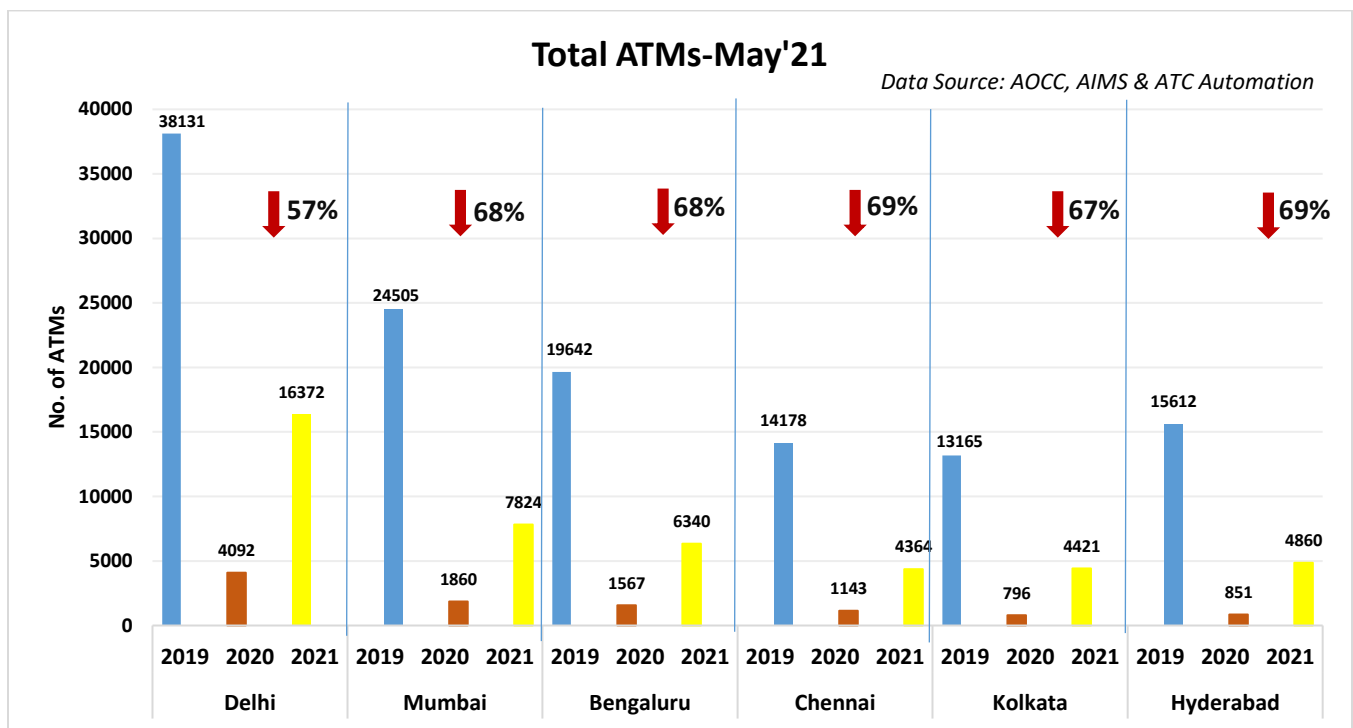


Figure 4: Total ATMs and Percentage Traffic Variation (YoY)



The graphs below depict the percentage change in ATMs month wise taking Jan'20(Pre -Covid) as the reference value for the six metro Airports.

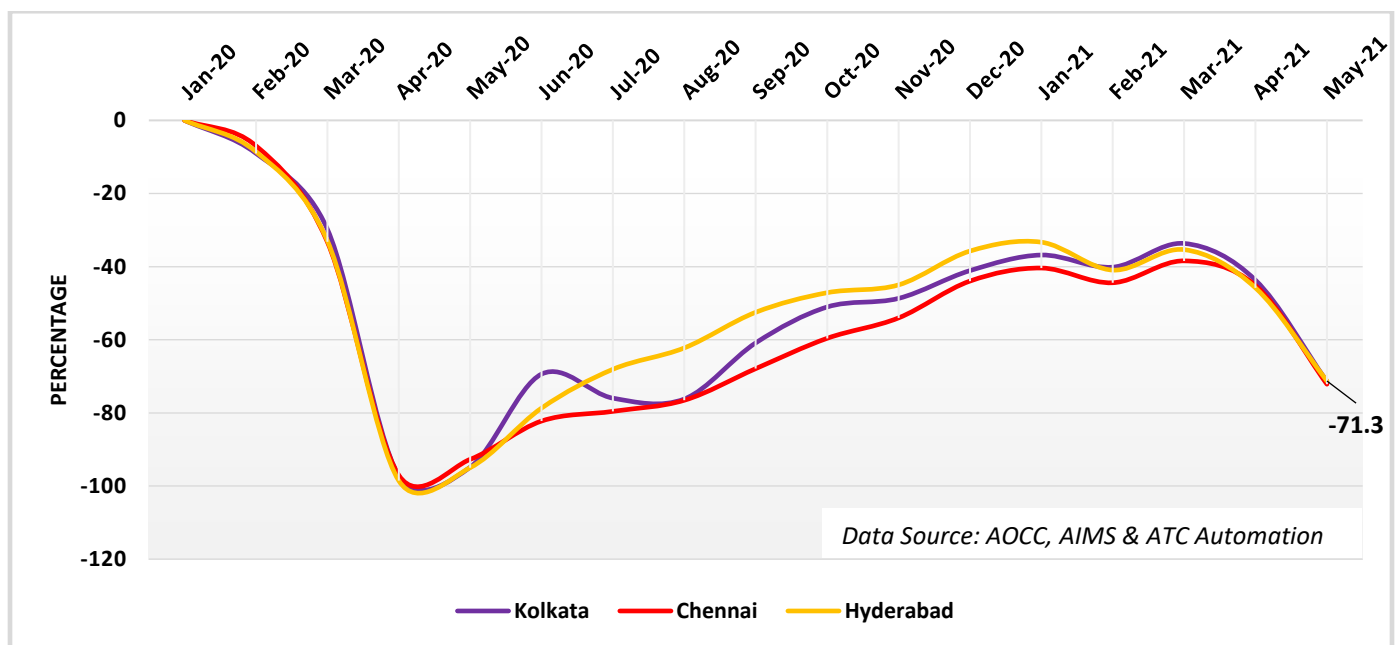
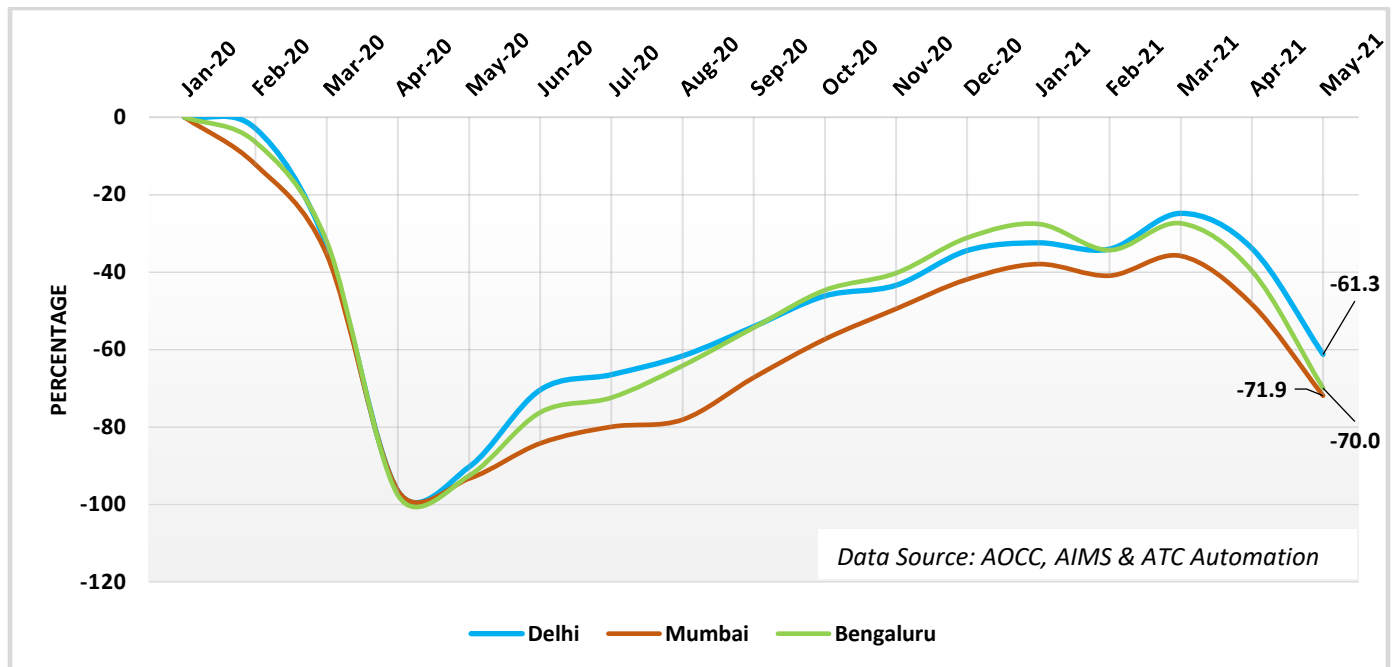


Figure 5: Percentage Traffic Variation





### III. Flight Operations – Airlinewise

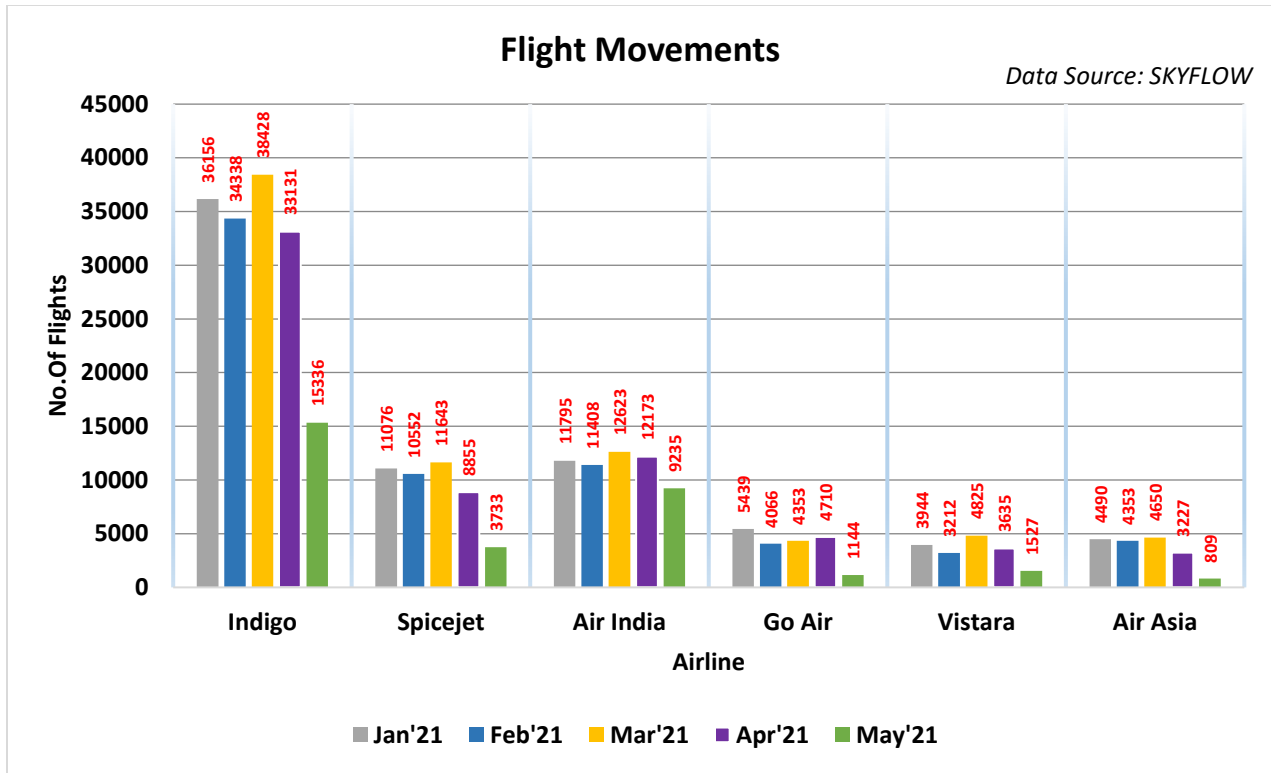


Figure 6: Flight Movements –Airlinewise