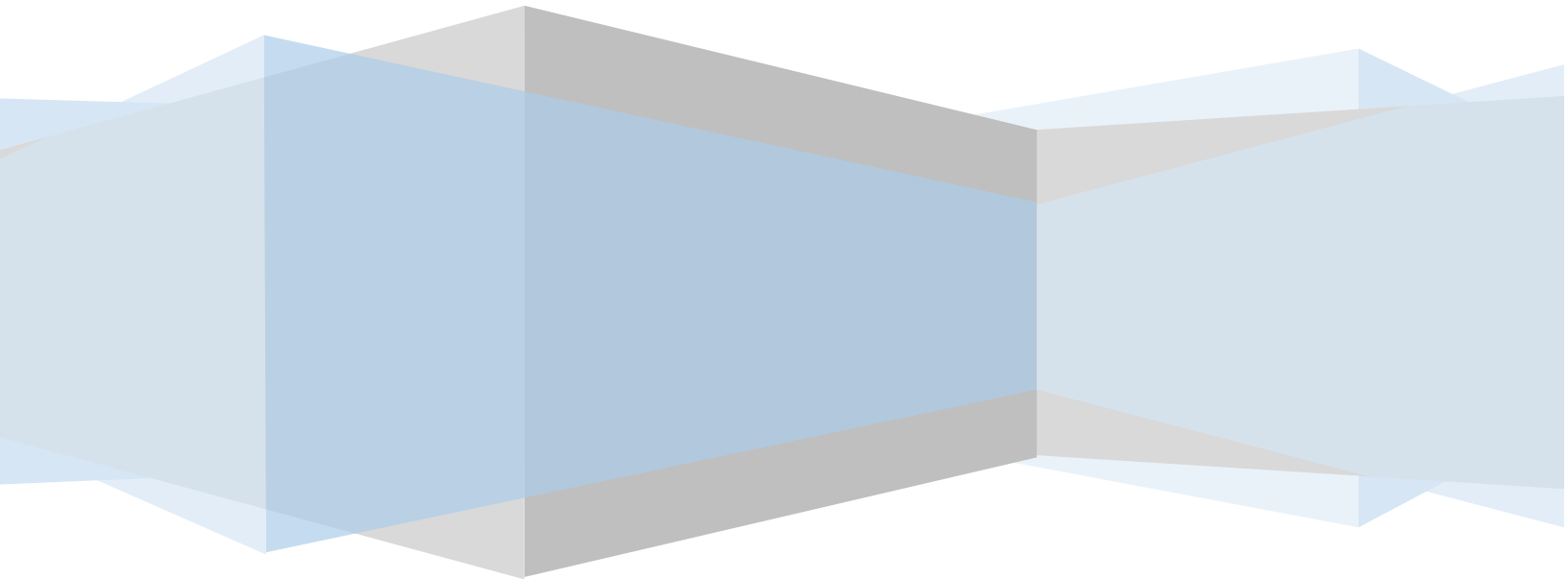


# POST OPERATIONS ANALYSIS REPORT

April, 2022

CENTRAL COMMAND CENTER, C-ATFM, DELHI







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## A. Executive Summary

Domestic air traffic is estimated to have logged a 31.4% growth year-on-year in April 2022 as compared to April 2021 as Covid-19 infection cases declined. The international air traffic in April'22 however saw a marked increase of 79.9% as compared to April 2021 levels after government's decision to resume scheduled commercial international passenger flights to and from India in March'22. It is believed that the rising prices of aviation turbine fuel (ATF) due to ongoing geo-political issues linked to the Russia-Ukraine conflict can be a major threat to the recovery process.

All Six Metro Airports saw an increase in the daily average air traffic movement as compared to the previous month.

On average, the Indian Airports in the ATFCM area saw 3509 IFR flights per day. The peak day was on 29<sup>th</sup> Apr'22 (4006 IFR flights). Wednesday's were the busiest days throughout this month with an average of 3595 flights per day.

No ATFM measure was applied this month.

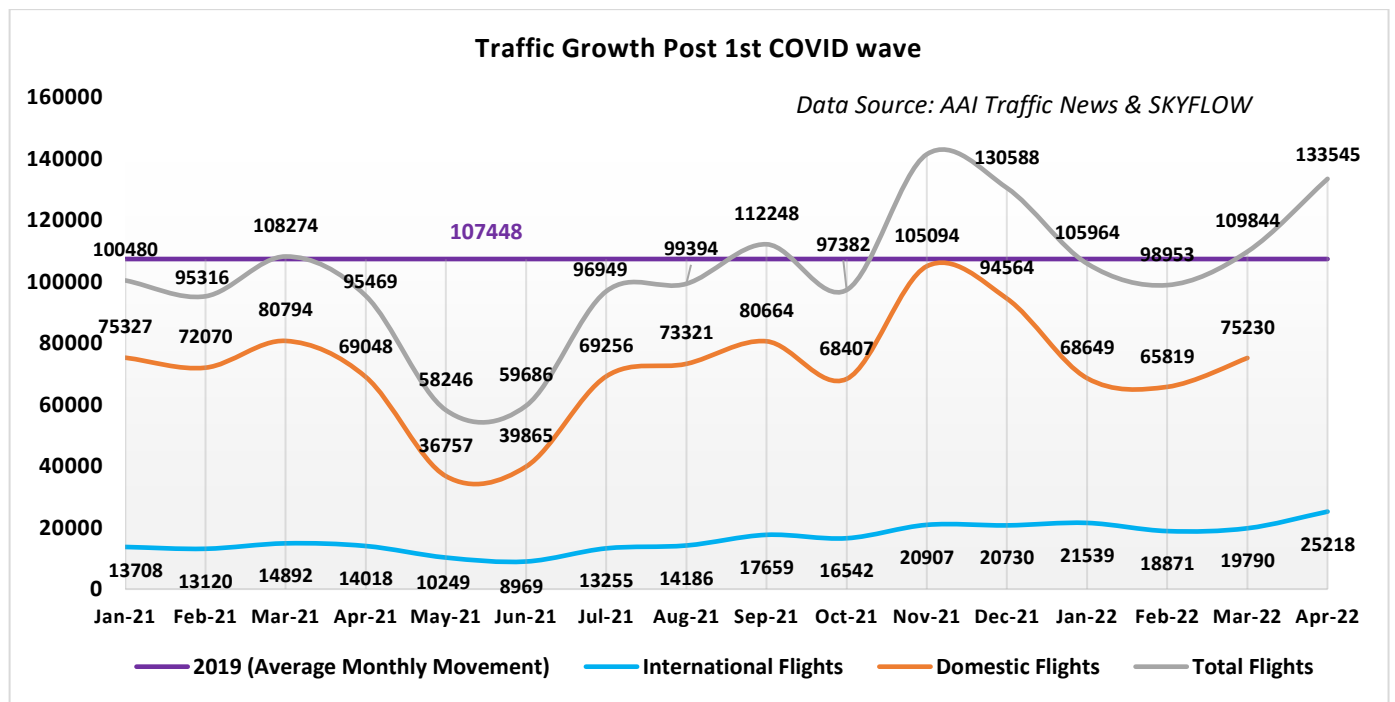


Figure 1: Traffic Growth Post 1<sup>st</sup> COVID wave

The graph above depicts the Domestic and international Air traffic in Indian ATFCM Area during the last 15 months (Jan' 2021 to April'2022). The traffic demand is visibly impacted by the Covid-19 infections through out the period.



## B. Traffic Analysis

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

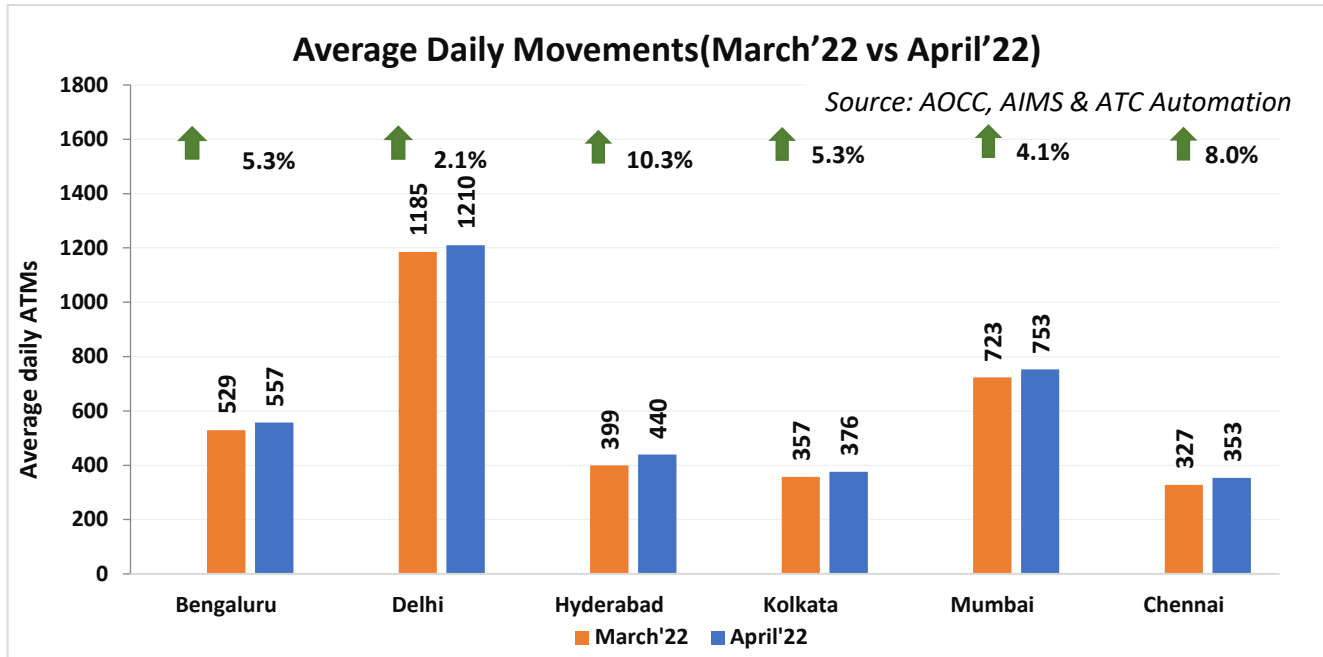


Figure 2: Average Daily Movements(March'22 vs April'22)

The above chart depicts the percentage increase in average daily ATMs at six major Airports in India in April'22 as compared to the previous month.

Airports\Year	Avg. Daily ATMs (YoY) for six major airports			
	Apr'19	Apr'20	Apr'21	Apr'22
Bengaluru	628	16	424	557
Delhi	1201	48	931	1210
Hyderabad	492	8	305	440
Kolkata	443	14	290	376
Mumbai	707	33	480	753
Chennai	450	15	286	353

Major Airports -Delhi, Mumbai, Bengaluru, Kolkata, Chennai and Hyderabad recorded average daily movements 101%,107%, 88%, 85%,78% and 89% respectively of April 2019 levels.



Air Traffic Movement for each day in April'22 is plotted for Delhi, Mumbai, Bengaluru and Hyderabad Airport along with the percentage change w.r.t. Avg. Daily Movement for the same month.

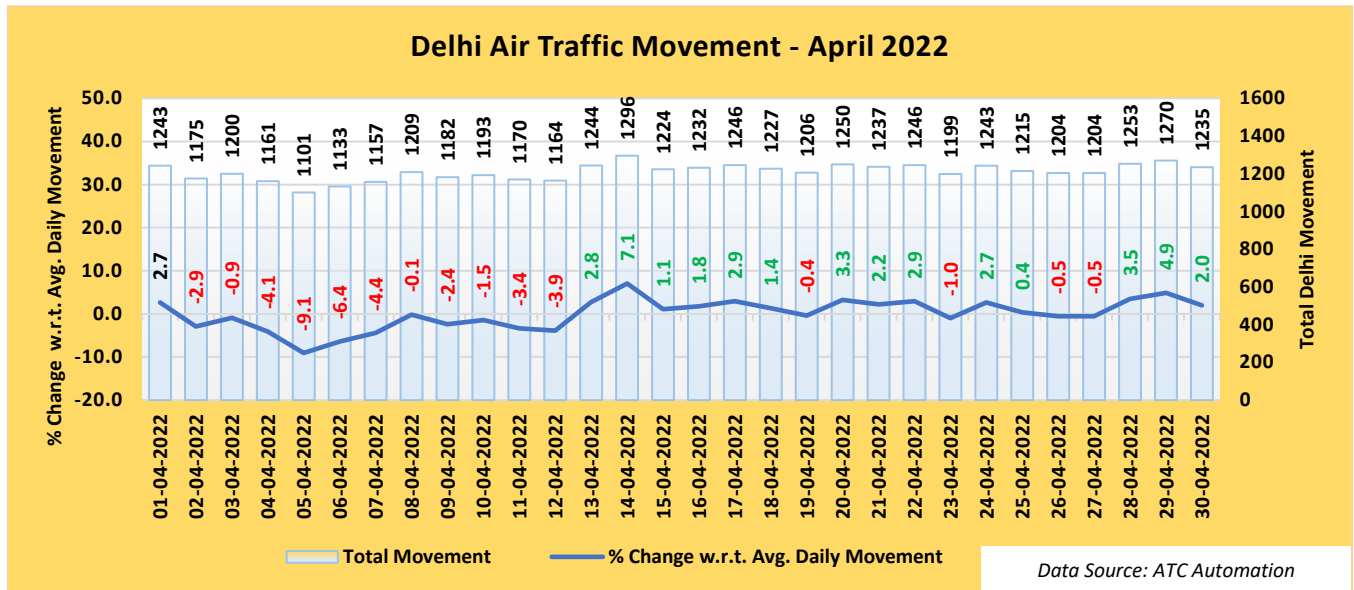


Figure 3: Air Traffic Movement for Delhi – April 2022

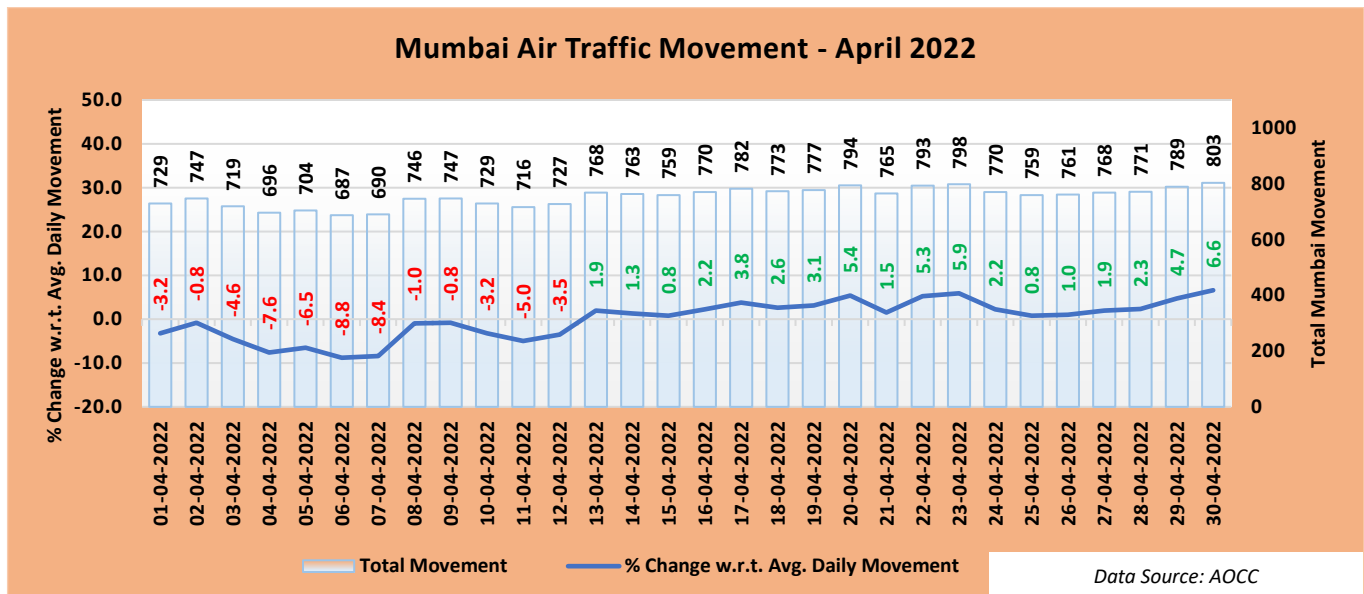


Figure 4: Air Traffic Movement for Mumbai - April 2022

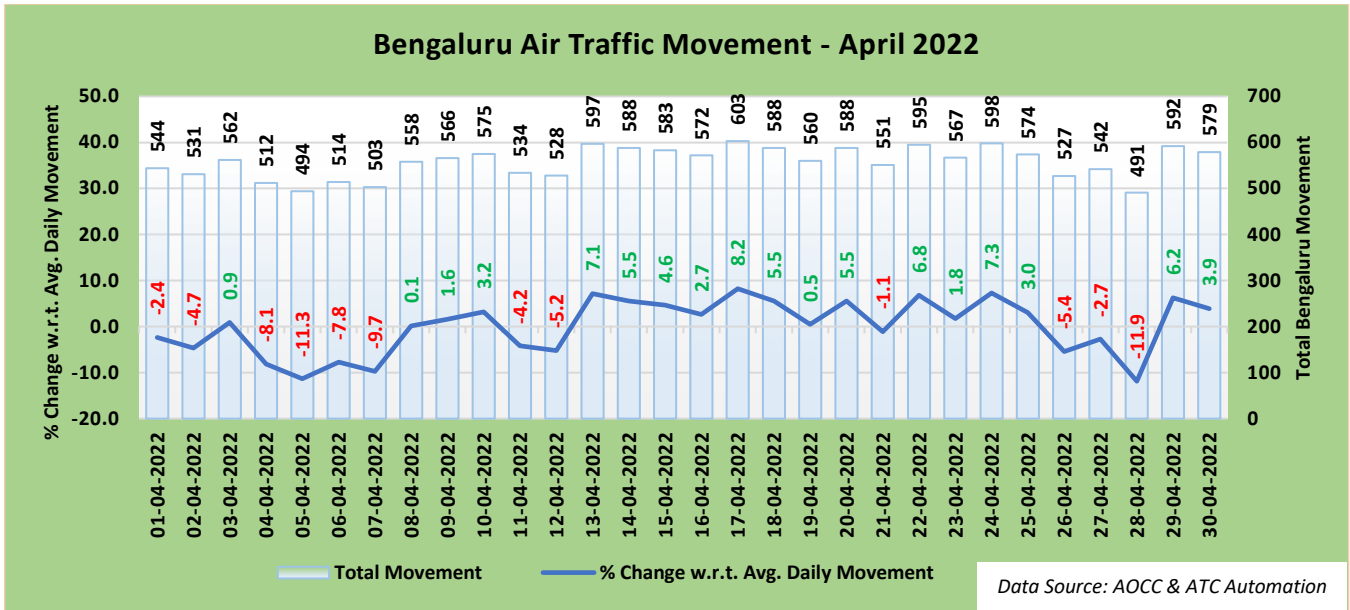


Figure 5: Air Traffic Movement for Bengaluru - April 2022

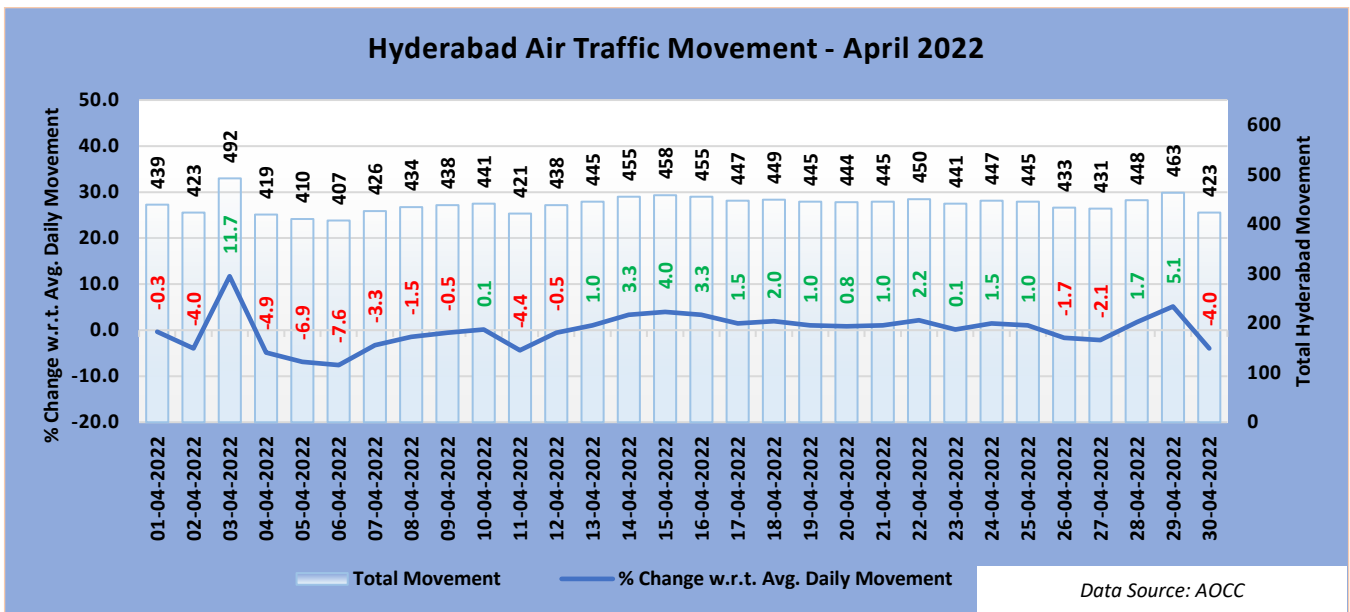


Figure 6: Air Traffic Movement for Hyderabad - April 2022





It is evident from the above charts that on 30<sup>th</sup> April'22 the ATMs at Delhi , Mumbai and Bengaluru saw an increase of 2%, 6.6% and 3.9% respectively as compared to the average daily movement for the month of April'22 whereas Hyderabad on the same day witnessed a decrease of 4% w.r.t. average daily movement captured for the month.

## 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 April for two consecutive years. Air Traffic movement is also plotted Airline wise for the last six months for the major Scheduled Operators.

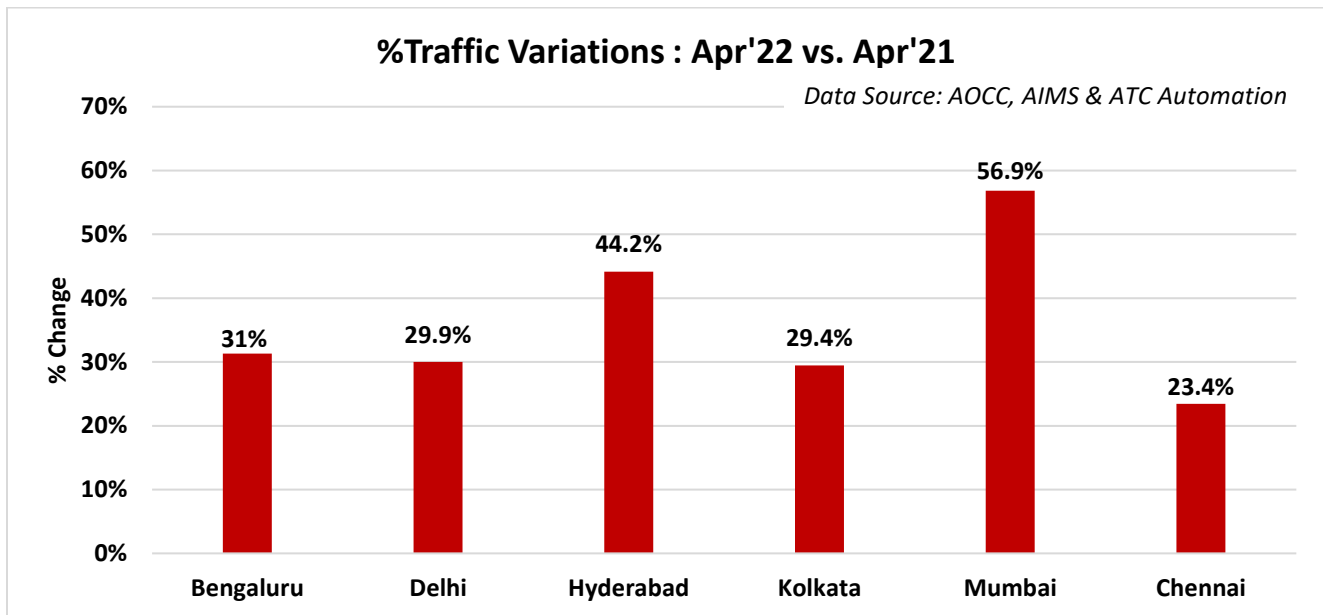


Figure 7: Percentage Traffic Variation (YoY)

Airports\Year	Total ATMs (YoY) for six major airports	
	Apr'22	Apr'21
Bengaluru	16716	12731
Delhi	36319	27946
Hyderabad	13212	9165
Kolkata	11271	8708
Mumbai	22600	14408
Chennai	10604	8590



### III. Flight Operations – Airlinewise

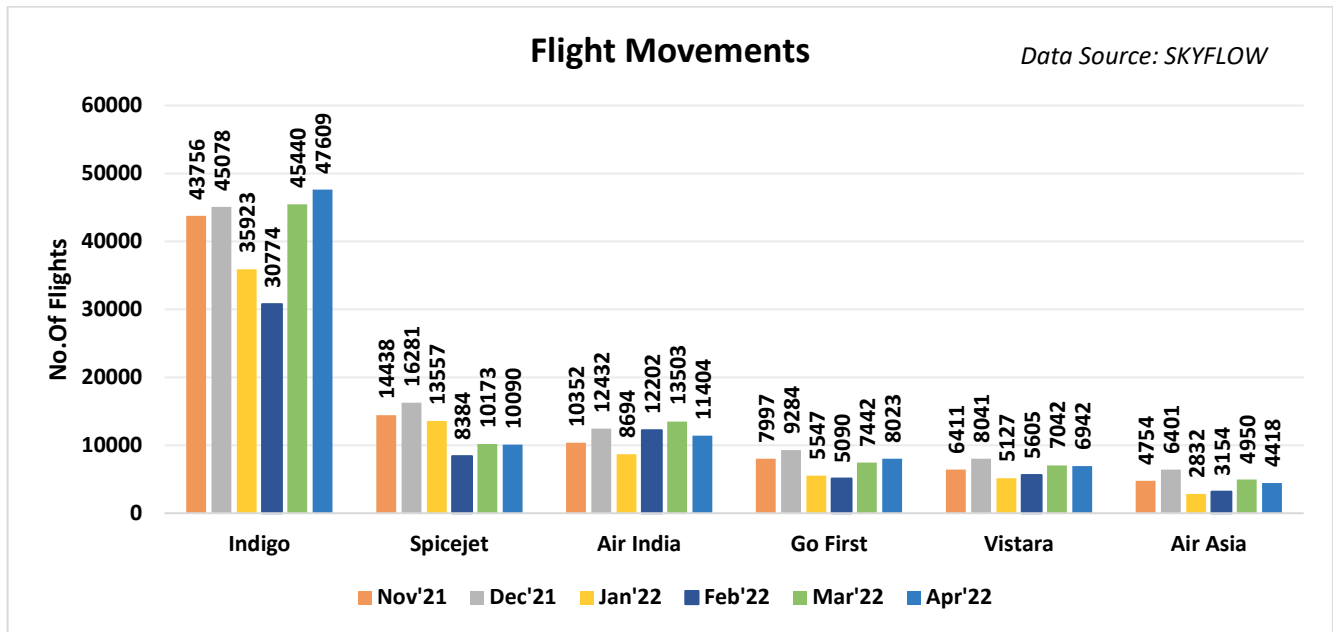


Figure 8: Flight Movements –Airlinewise