



भारतीय विमानपत्तन प्राधिकरण
AIRPORTS AUTHORITY OF INDIA

IMPACT OF COVID ON C-ATFM OPERATIONS



ATFM /SG/11



Introduction



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Introduction of Integrated Flight Plan Processing System(IFPS)

- Stringent restrictions were imposed to curb the spread of the virus
- Air Traffic badly impacted
- Continuity of Operations Maintained
- Contingency Measures were evoked
- No Demand –Capacity Imbalance



- Centralized System for uniform Flight Plan distribution to all key players
- Receives flight plans and associated messages
- Validation for syntactic and semantic rules
- Identification of the destination addresses based on the aerodromes and route informed
- Distribution of the information to all identified and informed addresses.



System Enhancements



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- Airport CDM at Jaipur, Guwahati, Trivandrum and Ahmedabad integrated with ATFM SKYFLOW system for improved slot allocation and adherence
- Analysis shows that the availability of space-based ADS-B surveillance data has improved the accuracy of flight position at FIR Fix over Arabian Sea, Bay of Bengal and Indian Ocean by approximately **02 Min. and 30 Sec.** per flight, thus improving overall predictability of ATFM System



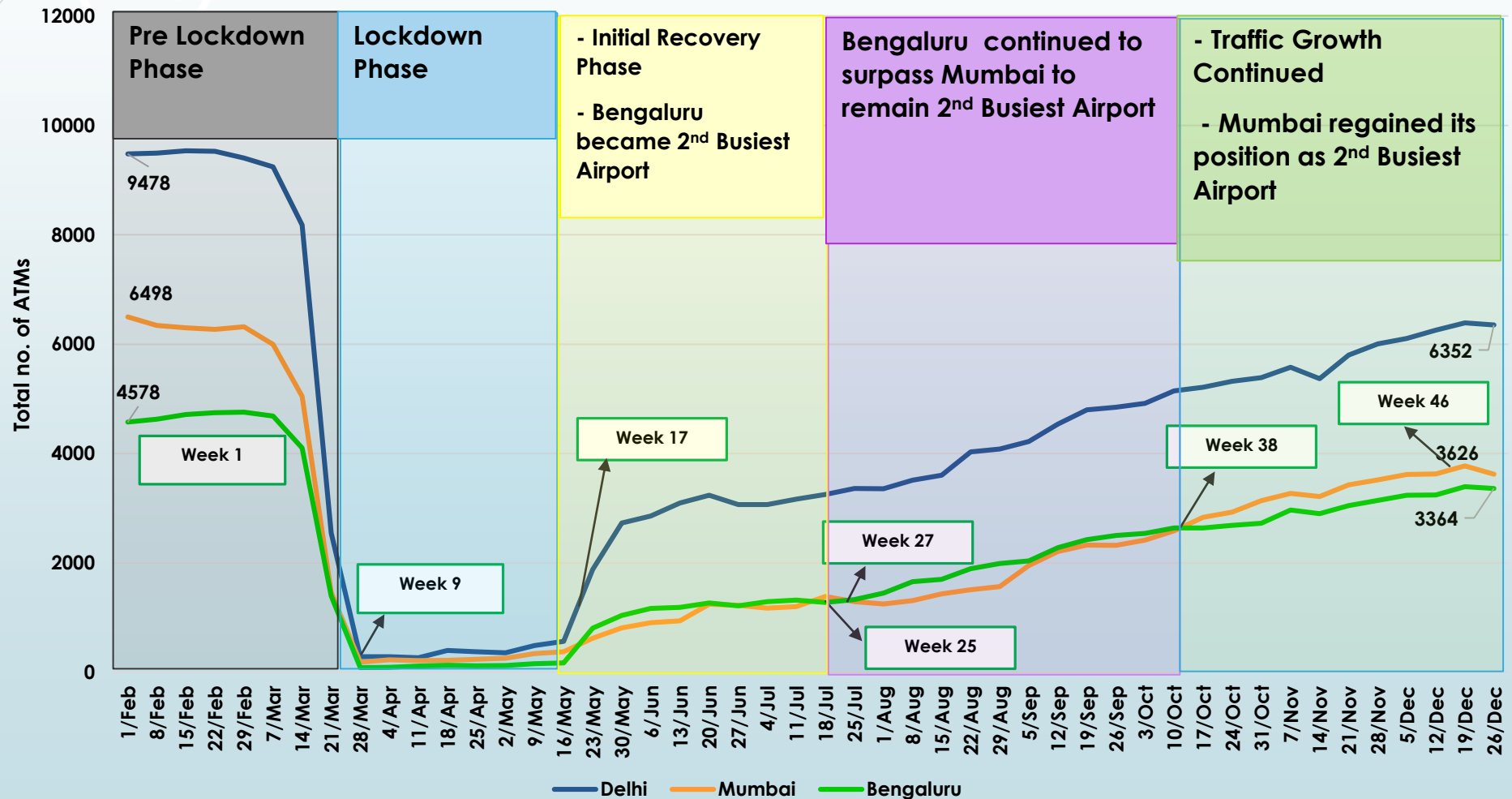
Traffic Analysis



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Introduction of Integrated Flight Plan Processing System (IFPS)

COVID-19 Impact on 3 Major Airports



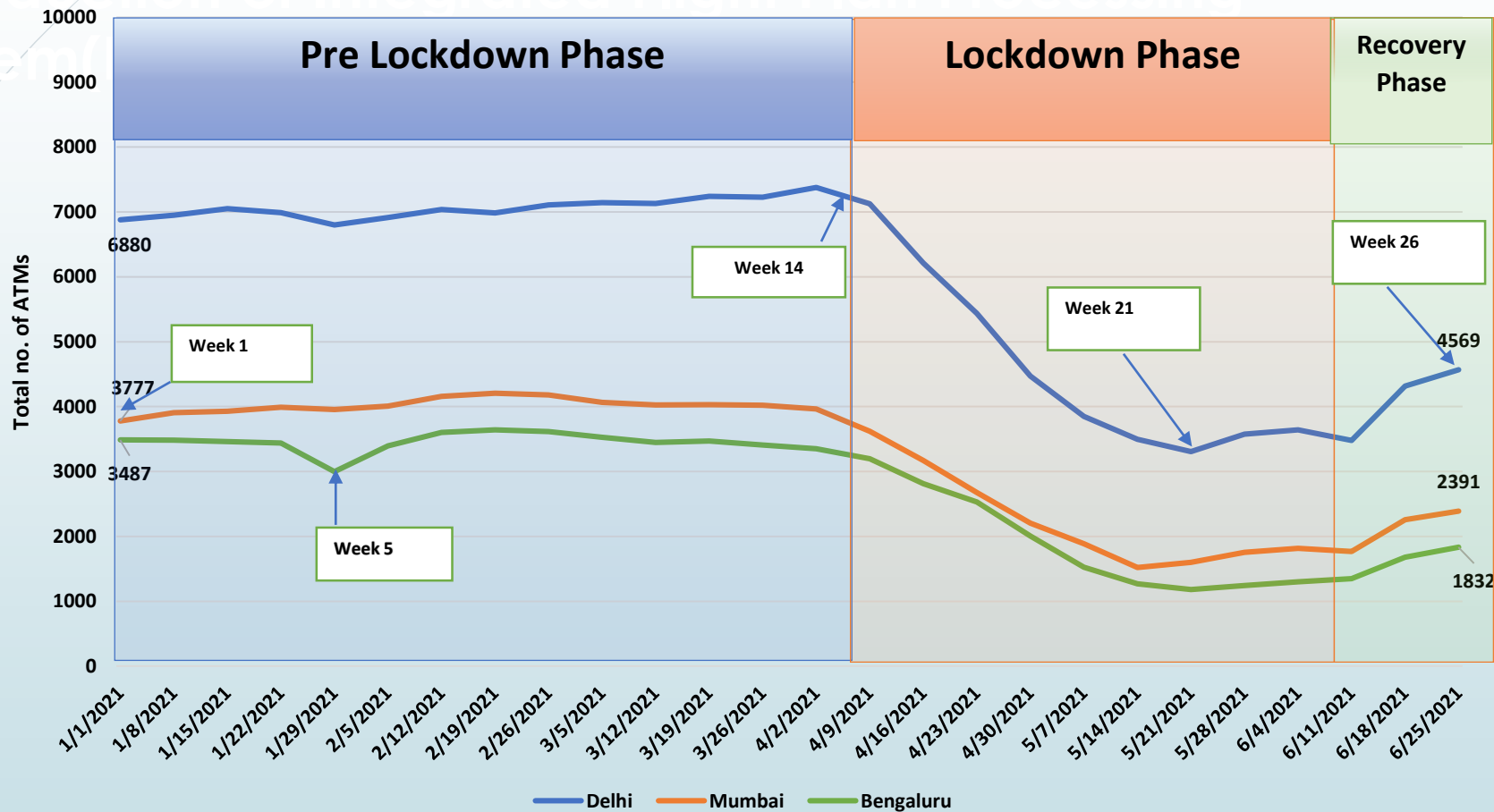


Traffic Analysis



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Impact of COVID-19 on 3 major airports(2nd Wave)



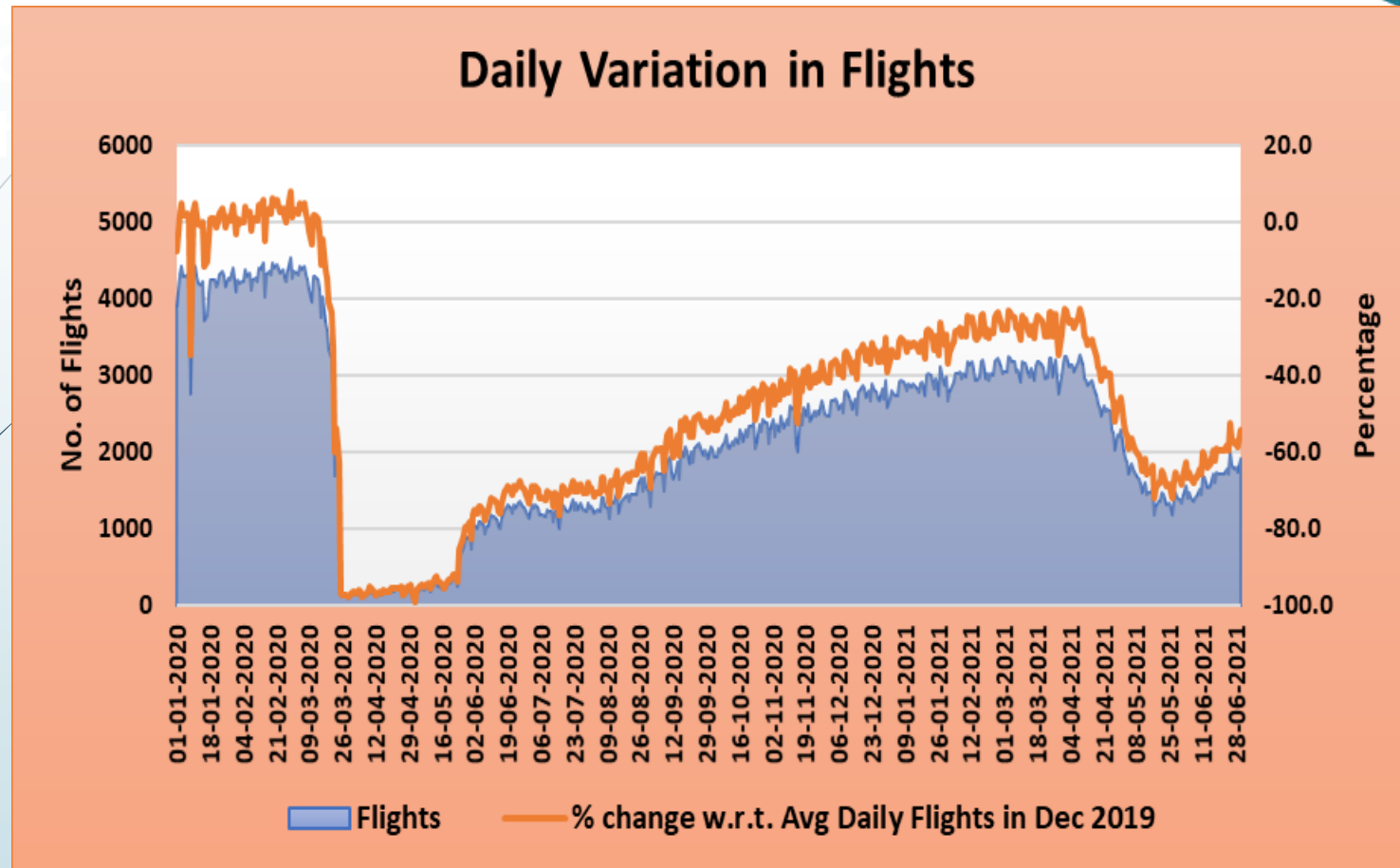


Traffic Analysis



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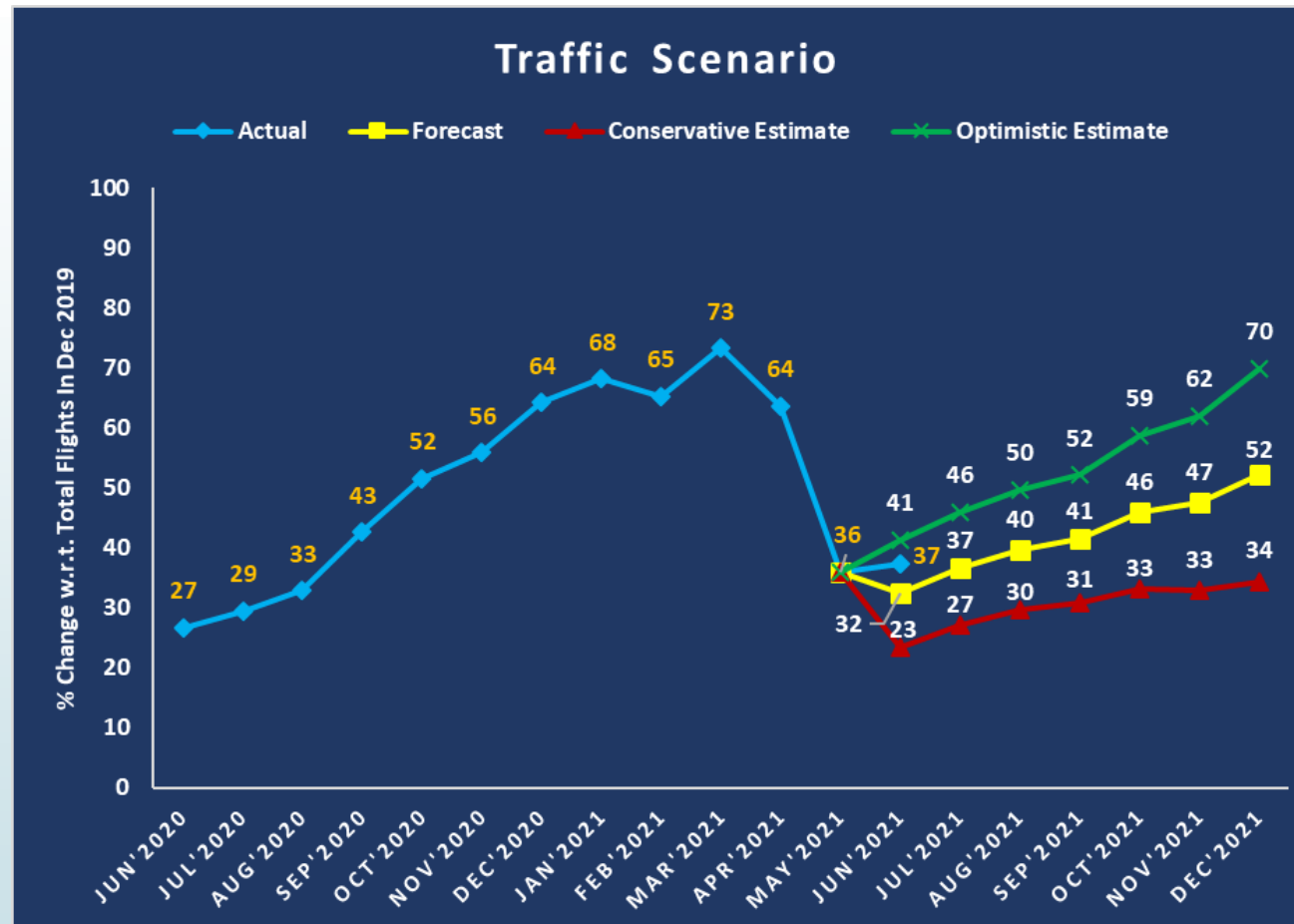
- The graph shows the overall traffic variation in the previous 18 months.
- The drop in average daily flights at Indian Airports on 30th June'21 is 54.3% using average daily flights in December'2019 as the base value.



Traffic Analysis



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Considering an optimistic estimate it is projected that the air traffic is likely to reach **70% of the traffic levels in Dec 2019 by the end of this year.**



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Thank
You