

# Breaking Down Bottlenecks: Analyzing Supply Chain Challenges





# AGENDA

Overview of Supply Chain Data

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# Overview of Supply Chain Data

Date

01-05-2022

31-05-2023

Clients

43

IFS Completed

7

Kits Completed

308

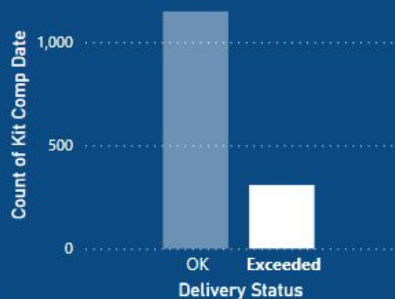
Deviations

Buffers 43

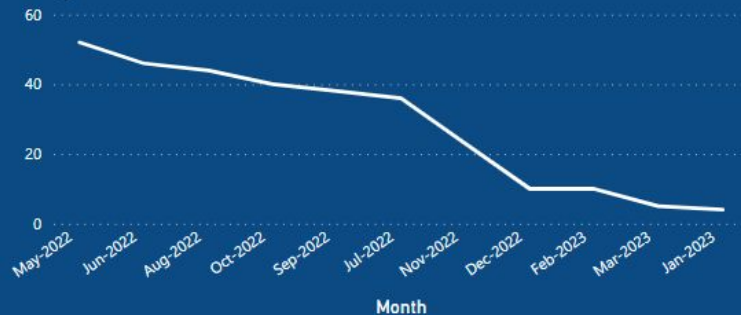
Intermediary 8

Final 5

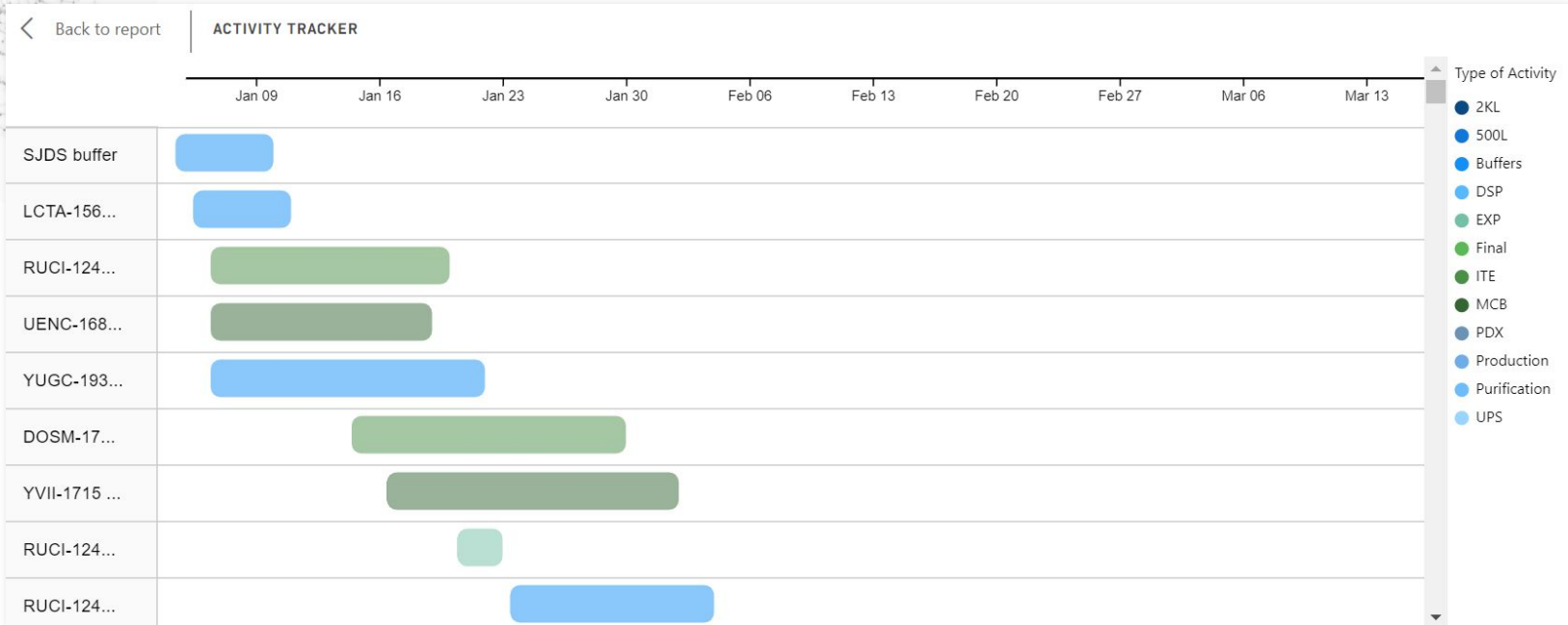
Number of Kits by Delivery Status



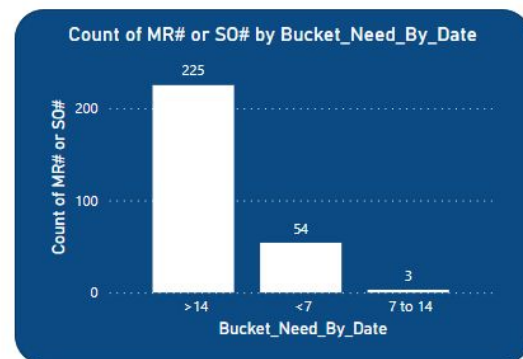
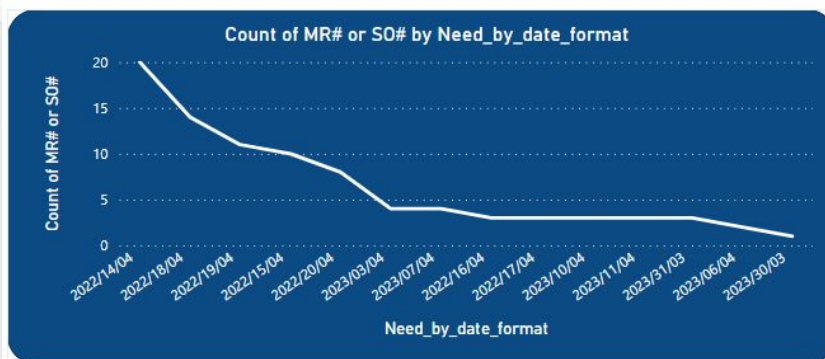
Monthly Count of Kits



# Activity Schedule

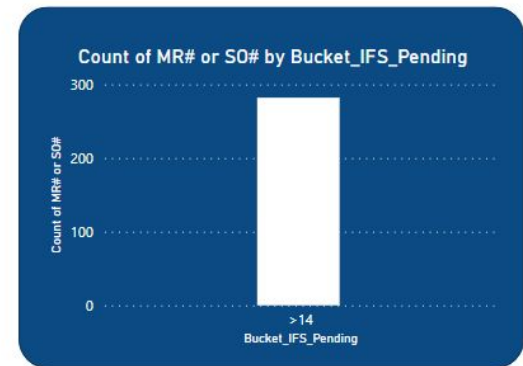


# Alert Dashboard



Room Availability Tracker

Location Name	2022/01/02	2022/01/03	2022/01/04	2022/01/05	2022/01/06	2022/01/07	2022/01/08
Location 1	Booked	Booked	Booked	Booked	Booked	Free	Book
DSP	Booked	Free	Over Booked	Over Booked	Over Booked	Free	Free
MCB - 1	Booked	Booked	Free	Booked	Booked	Free	Free
MCB - 2	Booked	Free	Free	Free	Free	Free	Free
UPS - 1	Free	Booked	Booked	Booked	Booked	Free	Book
UPS - 2	Free	Free	Booked	Free	Booked	Free	Book
Location 2	Booked	Booked	Booked	Booked	Booked	Booked	Book
Buffer Prep	Free	Booked	Over Booked	Booked	Booked	Over Booked	Book
DSP - 1	Booked	Booked	Booked	Booked	Free	Over Booked	Book
DSP - 2	Booked	Free	Free	Free	Free	Free	Book
Total	Booked	Booked	Booked	Booked	Booked	Booked	Book



# Data - Issues and Solutions

## Issues

- Activity Schedule - Can be more refined
- Lack of activity - level data
- Missing linkage between kit tracker and deviations for better tracking of process flow

## Solutions

- Can include further classifications based on activity type, importance, % completion, etc
- Can include codes for all sub activities within an activity (eg) splitting Process Part “20” into sub-activities
- Activity and sub-activity codes should be present in all datasets

# Process - Issues and Solutions

## Issues

- Many deviations are seen in “Buffer”
- Missing values in IFS Complete
- Large number of kit-delays for over 2 weeks

## Solutions

- Better training and more stringent processes to be set at the Buffer stage
- IFS Complete should be marked at every stage before proceeding to the next
- If a kit delayed, there should be a tracker with reasons
- QA should ensure that data entry is present for every process that is completed

QUESTIONS ?