

## About the Data:

This data is about the supply quality of products delivered at **Enterprise Manufacturers Ltd.** from different plant locations and from different vendors.

The dataset also contains various category & material types, defect types and defects.

## No. of Defects

268

## Types of Defect Types

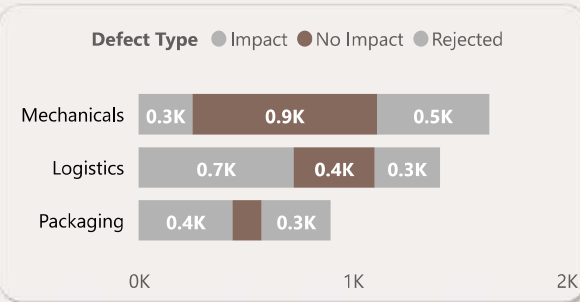
3

## Key Headlines and Recommendations:

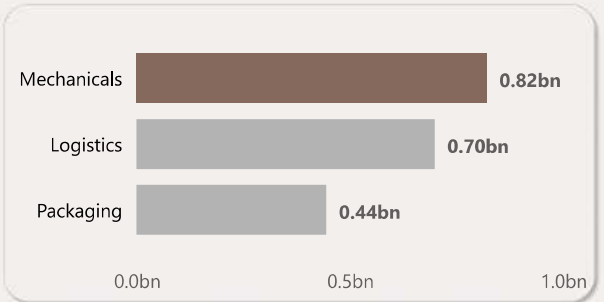
- ✓ Total Defect Quantity due to **No impact** defect type is maximum whereas due to **Rejected** defect type is minimum.
- ✓ **Not Certified** has the most total defect quantity among all defects and **damaged components** defect is the least in number.  
[Recommendation](#) would be to keep products on quality check which is supplied by vendors and request the vendors to get the product affiliated.
- ✓ **Mechanicals** category has the most total defect quantity whereas **Electrical** category has the lowest total defect quantity. [Recommendation](#) for the vendor or supplier to inspect the reasons of large no. of defects in mechanicals and report it to Enterprise Manufacturers Ltd.
- ✓ **Hingam Plant** has the most total defect quantity production whereas **Middletown Plant** has the lowest total defect quantity produced.
- ✓ Vendor named **Yombu** has supplied the greatest number of defective quantities.
- ✓ Total Defect Quantity is more in the year **2019** and less in the year **2018**.



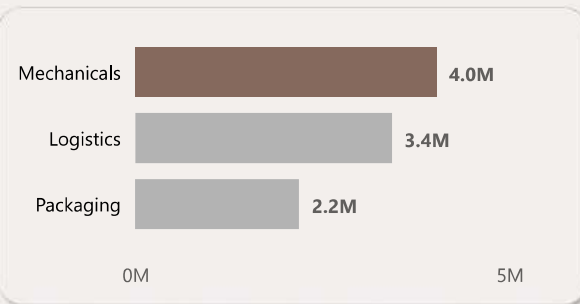
Top 3 Count of Defect Type by Category



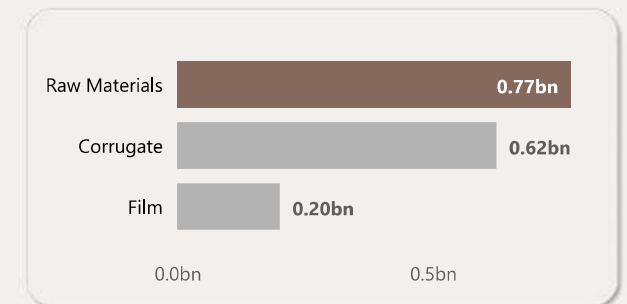
Top 3 Category by Total Defect Quantity



Top 3 Category by Total Downtime Minutes

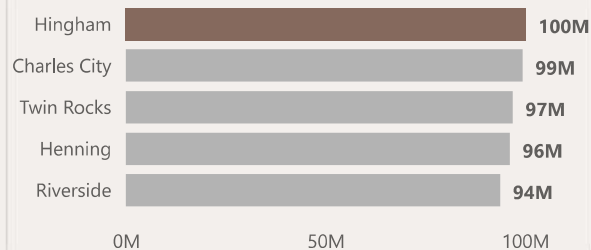


Top 3 Material Type by Total Downtime Minutes



**Note:** Downtime is any period of time during which facility output is stopped.

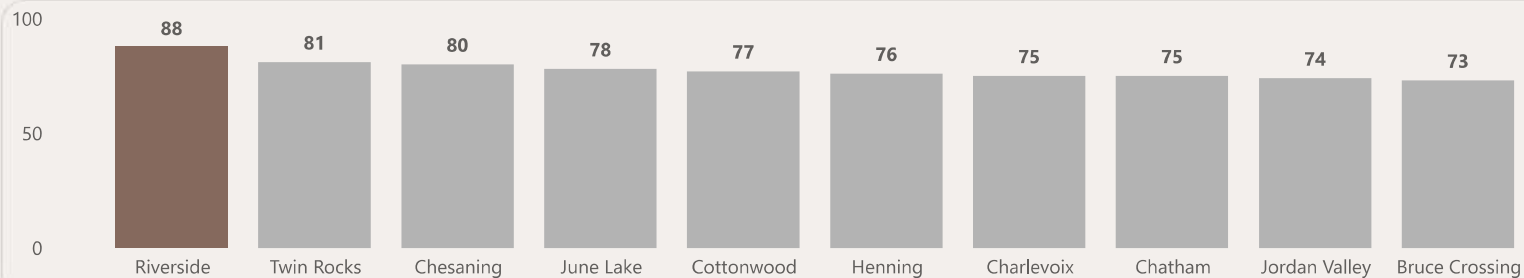
**Top 5 Location by Total Defect Quantity**



**Top 5 Location by Total Downtime Minutes**

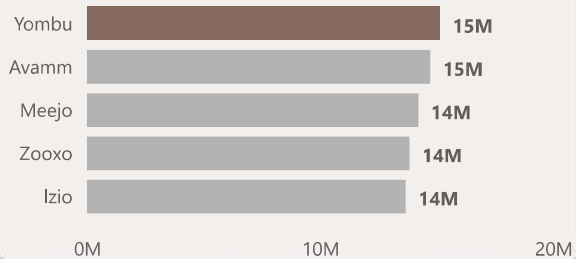


**Top 10 Plant Locations by Count of Impact Defect Type**

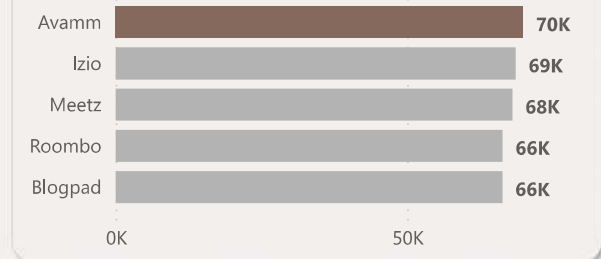


**Note:** Downtime is any period of time during which facility output is stopped.

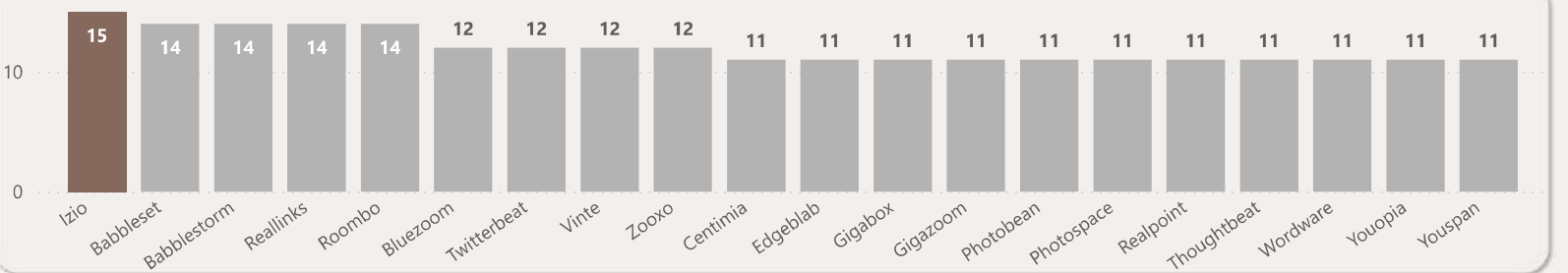
Top 5 Vendors by Total Defect Quantity



Top 5 Vendors by Total Downtime Minutes



Top 10 Vendors by count of impact defect type



**Note:** Downtime is any period of time during which facility output is stopped.