Historical Kits Demand

Objective:

This grid provides the view of historical kits demand/figures for:

- The kits requested as per the order creation date in exacta.
- The kits need to be shipped as per the Due date in exacta
- The kits actually shipped as per the work order closed on date.

There is a further drilldown by the different order types.

Navigation:

- Different components in the grid on load:

1 • The grid display the historical kit demand as per exacta data for the last 6 months.

3 The demand is group by the order type. There are 4 different order types:
A – Activity Orders
C- Call In Orders
S – Start-up Orders
T - Trigger

2 The data used for the visualization can be exported to excel with a single-click.

Historical Kits Demand

Page Size: 10

Month	Order Type	Requested	Due	Shipped	Unfulfilled This Month
Sep-2020		709,892	589,035	556,906	138,312
	A	189	209	0	209
	C	566,104	441,734	440,638	95,551
	S	104,531	108,559	98,018	18,961
	T	39,068	38,533	18,250	23,591
Oct-2020		853,452	855,959	690,204	344,080
Nov-2020		1,013,548	779,797	862,655	337,578
Dec-2020		776,165	671,380	734,019	269,842
Jan-2021		739,180	549,155	754,123	177,016
Feb-2021		799,555	737,188	762,023	365,297

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4 Number of the kits for which order is paced in exacta for this month.

5 Number of the kits due for shipping in this month.

6 Number of kits actually shipped this month.

7 Number of the kits due to be shipped this month but were not actually shipped.

- By default, each row is shown at Month level which can be further drill down to order type. User can change the order of the grouping by simply dragging or removing a column in the top row of the grid as shown. To add another column simply drag the other column in the top row.
- User can sort the values in ascending or descending column by clicking on the column name.
- On hover on the column names, user can have the access to:
  - Pin the columns in the table (left or right)
  - Perform aggregations on the data (Sum, min , max, average (etc.)
  - Optimizing the size of the column.
  - Expanding or Collapsing the different subgroups
  - Reset all the changes made in the default table.
- **Note: Reloading the page will auto reset the table structure to the default structure.**

Interpretation:

This grid provides the historical kits demand for the last 6 months. The grid has the following columns:

- **Requested:** The numbers of kits requested is calculated as the number of kits requested in the month as per the order creation date in Exacta.
- **Due:** The number of kits that are expected to be shipped in this month based on the Due Date in Exacta. The due date in Exacta is calculated as per the expected kit delivery date in Zavacor considering the order priorities and different Geo zones, kits need to be shipped.
- **Shipped:** Actual number of kits shipped in that month. The actual number of the kits shipped can consist of:
    - The kits actually due to be shipped in this month
    - The kits due in previous month/months but shipped in this month (Carried Over)
    - The kits requested in this month or earlier month but due in some future month.
    - The
- **Unfulfilled This Month:** The numbers of kits due to be shipped in this month but not shipped in this month.
    - Unfulfilled represents only the backlog for a month.
    - There can be other kits due in previous months but not added in this number.
    - For example, in feb-2021, around 365K kits were expected to be shipped but not shipped in Feb-2021. These kits will be added as carried over demand for the future months in addition to the fresh demand.
    - Significant number of unfulfilled kits will hamper the total demand in the future months. We can expect a higher number of kits to be shipped in future months to fulfill these backlogs.
- **Order Type:** The orders received for the kits is categorized in four types:

- **Activity (A)** -   For Activity orders, kits are built only but never shipped. These kits can be:
    - The kits to order mock or training kits (demo)
    - The kits created for the purpose of generating import documents
    - material as created but actually NOT shipped,
    - the work order which got cancelled
- **Call In (C) –** Call In orders are for the On-going studies
    - orders based upon need (subjects and visit schedule)
- **Start-Up (S) –** These are the orders
    - ordered by the study team and submitted to Kit Inventory Center
    - For the start-up kits for the new studies or new sites for on-going studies.
- **Triggers (T)** – These are the orders corresponding to the
    - automated resupply based upon min/max levels and visit schedule