**Detailed Listing of Measures Used in Power BI Reports:**

**\*\*\*Aksel Co. Performance Report\*\*\* :**

***Base Measures:***

GP% = DIVIDE([Gross Profit], [Sales])

Gross Profit = [Sales] - [COGs]

Quantity = SUM(Fact\_Sales[quantity])

Sales = SUM(Fact\_Sales[Sales\_USD])

***Dynamic Titles:***

\_\_Report Title = "Aksel Co. " & SELECTEDVALUE(Slc\_Values[Values]) & " Performance " & SELECTEDVALUE(Dim\_Date[Date].[Year])

\_Column chart title = SELECTEDVALUE(Slc\_Values[Values]) & " YTD & PYTD | Month"

\_Scatter chart title = "Account Profitability Segmentation | GP% and " & SELECTEDVALUE(Slc\_Values[Values])

\_Treemap chart title = SELECTEDVALUE(Slc\_Values[Values]) & " | Bottom 10 YTD vs PYTD | Country"

\_Waterfall chart title = SELECTEDVALUE(Slc\_Values[Values]) & " YTD vs PYTD | Month - Country - Product"

***Prior YTD and YTD:***

***Sales:***

YTD\_Sales = TOTALYTD([Sales],Fact\_Sales[Date\_Time])

PYTD\_Sales = CALCULATE([Sales], SAMEPERIODLASTYEAR(Dim\_Date[Date]), Dim\_Date[Inpast] = TRUE)

***Gross Profit:***

YTD\_GrossProfit = TOTALYTD([Gross Profit],Fact\_Sales[Date\_Time])

PYTD\_GrossProfit = CALCULATE([Gross Profit],SAMEPERIODLASTYEAR(Dim\_Date[Date]),Dim\_Date[Inpast] = TRUE)

***Quantity:***

YTD\_Quantity = TOTALYTD([Quantity],Fact\_Sales[Date\_Time])

PYTD\_Quantity = CALCULATE([Quantity], SAMEPERIODLASTYEAR(Dim\_Date[Date]),Dim\_Date[Inpast] = TRUE)

***SWITCH (YTD, PYD, and YoY Comparison):***

S\_YTD =

VAR selected\_value = SELECTEDVALUE(Slc\_Values[Values])

VAR result = SWITCH(selected\_value,

        "Sales", [YTD\_Sales],

        "Quantity", [YTD\_Quantity],

        "Gross Profit", [YTD\_GrossProfit],

        BLANK()

    )

RETURN

    Result

S\_PYTD =

VAR selected\_value = SELECTEDVALUE(Slc\_Values[Values])

VAR result = SWITCH(

        selected\_value,

        "Sales", [PYTD\_Sales],

        "Quantity", [PYTD\_Quantity],

        "Gross Profit", [PYTD\_GrossProfit],

        BLANK()

    )

RETURN

    Result

YTD vs PYTD = [S\_YTD]-[S\_PYTD]

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**\*\*\*Health Care Analytics Report\*\*\***

***Base Measures:***

Average Wait List = AVERAGE(All\_Data[Total])

Median Wait List = MEDIAN(All\_Data[Total])

***Switch:***

Avg/Med Wait List = SWITCH(VALUES(Slc\_Values[Calc Method]),"Average", [Average Wait List], "Median", [Median Wait List])

***Dynamic Title:*** Dynamic Title = SWITCH(VALUES(Slc\_Values[Calc Method]),"Average", "Key Indicators - Patient Wait List (Average)", "Median", "Key Indicators - Patient Wait List (Median)")

***Current Year and Prior Year Latest Month Wait List:***

Latest Month Wait List = CALCULATE(sum(All\_Data[Total]),All\_Data[Archive\_Date]=MAX(All\_Data[Archive\_Date]))+0

PY Latest Month Wait List = CALCULATE(SUM(All\_Data[Total]),All\_Data[Archive\_Date]=EDATE(MAX(All\_Data[Archive\_Date]),-12))+0

***Line Chart – if no data (inpatient/outpatient) display “No data for selected criteria”:***

NoDataLeft\_linechart = IF(ISBLANK(CALCULATE(SUM(All\_Data[Total]),All\_Data[Case\_Type]<>"Outpatient")), "No data for selected criteria","")

NoDataRight\_linechart = IF(ISBLANK(CALCULATE(SUM(All\_Data[Total]),All\_Data[Case\_Type]="Outpatient")), "No data for selected criteria","")