

SCM : E2E Dashboard - Right First Time KPI



The objective of this documentation is not to allow to recreate from scratch the object but **to explain everything that is not obvious** by looking directly at the query/workbook or **emphases on things that are important** for the report to work.

Remove the sections that are not relevant.

Description	SCM : E2E Dashboard - Right First Time KPI
Technical Name	BW_QRY_CPSCM01_0002
Application	IA_SCM - Supply Chain Management
Info-provider	CPSCM01
Usage type	Direct execution in analyzer
Expected users	N/A

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Workbook/Query General Description

This query will be used to display the Right First Time KPI in % at Year Month / Plant /Workcenter / Material level.

Normally in the main process data will be check every month after financial closure.

General parameters

Global properties

Tab	Screenshot	Comment
Display		
Rows/Columns		
Value Display		
Planning		
Extended		






Variables

Definitions

Variable Name	Info-object	Selection Type	Required	Description/Explanation
CALMONT2 Calendar Month/Year (Interval, Mandatory)	0CALMONTH	Interval/Mandatory/ManualEntry	Yes	Calendar Month/Year according the movement date
V_C_PLANT_0010 Plant (Selection option, Optional)	C_PLANT	SelectOption/Optional/ManualEntry	No	
V_C_WORKCTR_0001 Work Center (Selection option, Optional)	C_WORKCTR	SelectOption/Optional/ManualEntry	No	Ressource

V_C_MATNR2_0001 Material (Selection option, Optional)	C_MATNR2	SelectOption/Optional/ManualEntry	No	
V_CPFCTR1_2_0008 BFC GBU (Selection Option, Optional)	CPFCTR1_2	SelectOption/Optional /Authorization	No	

Variable Sequence

Variables
 [CALMONT2] Calendar Month/Year (Interval, Mandatory)
 [V_CPFCTR1_2_0008] BFC GBU (Selection Option, Optional)
 [V_C_PLANT_0010] Plant (Selection Option, Optional)
 [V_C_WORKCTR_0001] Work Center (Selection Option, Optional)
 [V_C_MATNR2_0001] Material (Select option, Optional)

Filters

Object	Filter Value	Explanation
0INFOPROV	ABSCE2E01	Keyf figures used to calculate the RFT KPI are only available in ADSO ABSCE2E01 (OEE - Order/Date results - L3 (Core))

Key figures

Technical Name <i>Description</i>	Type	Restricted or calculated KF	Calculation rule
BW_CKF_CP SCM01_0001 <i>Right First Time</i>	Always show	Calculated KF	Formula Formula: <code>ABS([BW_RKF_CPSCM01_0002] Right First Time (Line Type <> 'By product')" + "[BW_RKF_CPSCM01_0003] Right First Time (Line Type = 'By product')")</code>
0ORDER_QUAN <i>Batch Total Quantity</i>	Always show		
K_CNFOQTY <i>Conformed quantity</i>	Always show		
BW_CKF_CP SCM01_0002 <i>Right First Time (Line Type <> 'By product')</i>	Hide (can be shown)	Calculated KF	Formula Formula: <code>IF('K_CNFOQTY' == 0 AND '0ORDER_QUAN' == 0; 0; 'K_CNFOQTY' %A '0ORDER_QUAN')</code>

BW_RKF_CP SCM01_0002 <i>Right First Time (Line Type <> 'By product')</i>	Hide (can be shown)	Restricted KF	Selection <ul style="list-style-type: none"> ▼ [1KYFNM] Key Figures <ul style="list-style-type: none"> ▼ [BW_CKF_CPSCM01_0002] Right First Time (Line Type <> 'By product') ▼ [C_TYPLINE] Line Type <ul style="list-style-type: none"> [5] 5
BW_CKF_CP SCM01_0003 <i>Right First Time (Line Type = 'By product')</i>	Hide (can be shown)	Calculated KF	Formula Formula: <pre>IF('K_CNFOQTY' == 0 AND 'ORDER_QUAN' > 0; 100; IF('K_CNFOQTY' == 0 AND 'ORDER_QUAN' == 0; 0; 'K_CNFOQTY' %A 'ORDER_QUAN'))</pre>
BW_RKF_CP SCM01_0003 <i>Right First Time (Line Type = 'By product')</i>	Hide (can be shown)	Restricted KF	Selection <ul style="list-style-type: none"> ▼ [1KYFNM] Key Figures <ul style="list-style-type: none"> ▼ [BW_CKF_CPSCM01_0003] Right First Time (Line Type = 'By product') ▼ [C_TYPLINE] Line Type <ul style="list-style-type: none"> [5] 5

Characteristics

Location	Info-object Name	Info-object Text	Explanation (if needed)
Row	0LOGSYS	Source System	Do not display
Row	0CALMONTH	Calendar Year / Month	Key / Text (According to the movement date)
Row	C_PLANT	Plant	Key / Text
Row	C_WORKCTR	Work Center	Key / Text (Resource)
Row	C_MATNR2	Material	Key / Text (Material OEE)
Free	C_MOVDAT	Movement Date	Movement Date
Free	0PO_UNIT	Order Unit	
Free	1CUDIM	Currency / Unit	
Free	C_BATCH2	Batch Number	Batch OEE
Free	C_BATCH	Batch	Batch n°
Free	C_ITEMNB	Item Number	Item Number of table ZWPPT025 (WP1/PF1)
Free	C_MATNR	Material	Material
Free	C_MATPNT2	Material / Plant	Material OEE
Free	C_TYPLINE	Line type	Key - Ex : '5' = 'By Product'

Cells

Conditions

Condition Name	Active By default	Key Figure (Structure)	Operator	Value	Characteristic Assignment

Exceptions

Exception Name	Active By default	Alert Level	Operator	Value	Other parameters (if different from default)
	Yes/No				