

BW-DP-Labor Planning Tool Interface (Core query)



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	BW - Labor Planning Tool (Core Query)
Technical Name	BW_QRY_CPPPCP02_0001
Application	PP
Info-provider	CPPPCP02
Usage type	
Expected users	

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Workbook/Query General Description

This query is a toolbox. Declination of available data will be done by project team.

This query is based a flow existing on WBP, replicated on CPX Mini BW

Bellow WBP documentation

[Functional documentation on Wiki](#)
[Technical documentation](#)

Functional Specification Document :

Report Layout :

<https://drive.google.com/file/d/14ny8CriejFj-WmSLatfpCtORasGYC2GB/view>

General parameters

Global properties

Tab	Screenshot	Comment
Display		
Rows/Columns		
Value Display		
Planning		
Extended		

General

Technical Name: BW_QRY_CP002_0001

Description: BW - Labor Planning Tool (Core Query)

InfoProvider: CP002

Key Date: <default>

Edit...

Output Settings

☒ Adjust Formatting after Refreshing
 ☒ Suppress Repeated Key Values
 ☐ Show Scaling for Measures

Sign Format: Before, for example -1

Zero Format: With Currency/Unit

Custom Zero Format:

Result Location

Rows: ☐ Above ☒ Below

Columns: ☐ Left ☒ Right

Zero Suppression

Applies to: ☐ Rows ☐ Columns

Condition: Only result value must be zero

Remote Access

☐ By Easy Query
 ☐ By OLE DB for OLAP
 ☐ By OData
 ☐ External SAP HANA View

Universal Display Hierarchy

☐ Active on rows

Expand to Level: 0

☐ Active on columns

Expand to Level: 0

Variables

Definitions

Variable Name	Info-object	Selection Type	Required	Description/Explanation
Plant	C_PLANT	Select-option	No	V_C_PLANT_0001
Work Center	C_WORKCTR	Select-option	No	V_C_WORKCTR_0001
Planning Scenario	C_PLSCN	Select-option	No	V_C_PLSCN_0001
Calendar Year/Week	0CALWEEK	Select-option	Yes	V_0CALWEEK_0001

Variable Sequence

Variables Order

Variables

[V_0CALWEEK_0001] Calendar Week/Year (Select Option, Mandatory)

[V_C_CURLOC_0001] Your Current Location (Single Value, Mandatory)

[V_C_PLSCN_0001] Planning Scenario (Select Option, Optional)

[V_C_PLANT_0001] Plant (Selection Option, Optional)

[V_C_WORKCTR_0001] Work Center (Selection Option, Optional)

Filters

Object	Filter Value	Explanation

Key figures

Description	type	Restricted or Calculated KeyFigure	Source	Calculation rule	Conversion	Comments
Available Capacity			OSTANDCAP			
Available Capacity Uncounstraint			K_CAPUNCO			
Quantity Input/Output			K_QTYESM			
Target Capacity Requirements Order			OCAPREQMTS			

Key Figure 1

Description

Calculation rule detail

Text Replacement Variable

Currency Conversion

Exchange Rate Type :

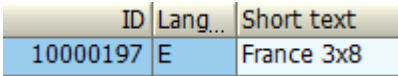
Currency :

Time Reference :

Unit Conversion

Unit :

Characteristics

Location	Info-object Name	Info-object Text	Source	Explanation (if needed)
Row	0SOURSYSTEM	Source System ID		No display
Row	C_PLANT	Plant		Key + tex
Row	C_WORKCTR	Work Center/Ressource		Key + text
Row	C_MATNR	Material		Key + tex
Free	C_PLSCN	Planning Scenario		Key
Free	0BASE_UOM	Base UOM		Key
Free	0CAPA_UNIT	Unit of Capacity Requierement		Key
Free	0INFOPROV	Infoprovider		Key
Free	1CUDIM	Currency/Unit		Key
Free	C_PLANR	Department	TC27T-PLANR	Key + Text PLANR => Capacity planner group If 2 capacity in certain work center. Capacity Category 001 (Machine time) should be selected. CRHD->KAKO-PLANR->TC27T-Capacity Planner Group Text
Free	C_PRODVER	Production Version		Key
Free	0CALWEEK	Weeks # Calculation based on Work Center/Calendar		
Free	C_ZPLNID	Snapshot		Key
Free	C_WORKCTR__0FACTCAL_ID	Calendar	KAKO-KALID (KAPID??) description in table TFACT description KAKT-KTEXT	Key + text  If 2 capacity in certain work center. Capacity Category 001 (Machine time) should be selected.
Free	C_CURLOC	Current Location		Added for authorization management : USA / OTHERS
Free	0CALMONTH	Month		Based on End date of week (Sunday) Determine month and show up in the report
Free	C_WEEKDAY	End date of Week (Sunday)		Based on Week in the report, list date of sunday in that week

	C_WORKCTR__OPP _CAPID	Capacity ID		
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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				

Data check with WPX

Transaction CR03 to display work center masterdata

Table CRHD Work Center Header