

BW - DP - Demand Review for CM (Core query) /\! Obsolete /\!



The new wiki link for this data flow is here:

[BW - DP - Demand Review for CM \(Core query\)](#)

Please update the new doc there and no longer here.



Description	BW - DP-Demand Review for CM (Core query)
Technical Name	BW_QRY_CPDYN11_0006
Application	DP - Demand Planning
Info-provider	Composite Provider CPDYN11
Usage type	Direct execution via Analysis
Expected users	

- Workbook/Query General Description
 - General parameters
 - Global properties
- Variables
 - Definitions
 - Variable Sequence
- Filters
- Key figures
- Characteristics
- Cells
- Conditions
- Transcodification for BAAN Ship-to
- How Program/Market assignment works ?
- How conversion to Base Unit or Sales unit is working ?
- How to add new KeyFigures in DR report

Workbook/Query General Description

General parameters

Global properties

Tab	Screenshot	Comment
General		
Planning		

Extended	Extended	
	Request Status:	<default>
	Cold Store (Nearline) Access:	<default> - Setting from InfoProvider
	Document Links for:	<input type="checkbox"/> InfoProvider Data <input type="checkbox"/> Master Data <input type="checkbox"/> Metadata

Variables


















Definitions

Variable Name	Info-object	Selection Type	Required	Description/Explanation
CALMONT2 Calendar Month/Year (Interval, Mandatory)	OCALMONTH	Interval/Mandatory/ManualEntry	Yes	
V_CPFCTR1_2_0008 Global Business Unit (Selection Option, Optional, Auth)	CPFCTR1_2	SelectionOption/Optional /Authorization/ManualEntry	No	
V_0CURRENCY_0006 Currency				
V_C_MATNR2_0001 Material (Selection option)	C_MATNR2	SelectionOption/Optional /ManualEntry	No	
V_CUSTID_0002 Ship-to (Selection option)	C_SHIPID	SelectionOption/Optional /ManualEntry	No	Previously it was C_SHIPTO but description were not daily updated. No filter possible on SF Prospects
V_0DISTR_CHAN_0001 Distribution Channel (Selection option, Optional)	0DISTR_CHAN	SelectionOption/Optional /ManualEntry	No	
V_C_SPECID_0001 Aero - Specification	C_SPECID	SelectionOption/Optional /ManualEntry	No	
V_C_PROGID_0001 Aero-Program	C_PROGID	SelectionOption/Optional /ManualEntry	No	
V_C_MARKET_0001 Aero-Market	C_MARKET	SelectionOption/Optional /ManualEntry	No	
V_C_ACCMGR_0001 Forecast Account Manager	C_ACCMGR	SelectionOption/Optional /ManualEntry	No	
V_C_FORCUST_0001 Forecast Customer	C_FORCUST	SelectionOption/Optional /ManualEntry	No	
V_C_SALREG_0001 Sales Region	C_SALREG	SelectionOption/Optional /ManualEntry	No	
V_DIVISION Division (Optional, selection option)	C_DIVISN	SelectionOption/Optional /ManualEntry	No	
V_C_PLANT_020 Main Shipping Plant (Selection Option, Optional)	C_DYN_018__C_M PPLANT	SelectionOption/Optional /ManualEntry	No	
V_C_PLANT_0021 Main Production Plant (Selection Option, optional)	C_DYN_018__C_P RDFACT	SelectionOption/Optional /ManualEntry	No	
V_C_RESNAM_0001 Resin Name	C_RESNAM	SelectionOption/Optional /ManualEntry	No	

V_C_SRESTYP Fiber Tradename	C_SRESTYP	SelectionOption/Optional /ManualEntry	No	
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Variable Sequence

▼ Variables Order

Variables
 [CALMONT2] Calendar Month/Year (Interval, Mandatory)
 [V_CPFCTR1_2_0008] BFC GBU (Selection Option, Optional)
 [V_OCURRENCY_0006] Currency
 [V_C_MATNR2_0001] Material (Select option, Optional)
 [V_CUSTID_0002] Ship-to (Selection Option, Optional)
 [V_ODISTR_CHAN_0001] Distribution Channel (Selection option, Optional)
 [V_C_SPECID_0001] Aero-Specification (Selection Option, Optional)
 [V_C_PROGID_0001] Aero - Program (Select option, Optional)
 [V_C_MARKET_0001] Aero - Market (Select option, Optional)
 [V_C_ACCMGR_0001] Forecast Account Manager (Select option, Optional)
 [V_C_FORCUST_0001] Forecast Customer (Select option, Optional)
 [V_C_SALREG_0001] Sales Region (Select option, Optional)
 [V_DIVISION] Division (Optional, selection option)
 [V_C_PLANT_020] Main Shipping Plant (Selection Option, Optional)
 [V_C_PLANT_0021] Main Production Plant (Selection Option, Optional)
 [V_C_RESNAM_0001] Resin Name (Selection Option, Optional)
 [V_C_SRESTYP] Fiber Tradename (Selection Option, Optional)

Up
Down

Filters

Object	Filter Value	Explanation
InfoProvider (0INFOPROV)	Calculation View CV_DY_BL_DYN22_CPDYN11	
Concerned Period (C_FLGMTH)	= 'M'	Only current values are required

Key figures

List of key figures and DynaSys origin is in document "DEV-FC-36 = BW Forecast Report add new field and key figure" / tab "Demand Review Report"

Link to file is not working - TO CHECK WHY <https://docs.google.com/spreadsheets/d/10gCb2QOZenqcSyh4KMcWO99VYF9goFuOkpslu7Ymj9s/edit#gid=1291929733>

Important for prices an aggregation is settled at KeyFigure level in the query definition

	In KG	In Base Unit	In Sales Unit
Final Sales Price (EUR/unit)	K_DYN_251	K_DYN_272	K_DYN_273

Final Sales Price (LC/unit)	K_SALPEKG	K_DYN_270	K_DYN_271
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Properties

General **Σ Aggregation** *fx* Calculations

Exception Aggregation

Exception Aggregation: Average (Values Not Equal to Zero)

Reference Characteristics

Up to five reference characteristics can be specified

- [C_DYN_005] Material with System Extension
- [C_DYN_024] Ship-to (including Prospects)
- [C_DYN_006] Distribution Channel with System Extension
- [C_SPECIDM] Main Specification ID
- [OCALMONTH] Calendar Year/Month

Example for Material 154518R, different prices per month.

Data Browser: Table /BIC/AAPDYN082 Select Entries						10	
Material ...	Custom...	Distrib...	Main Specification ...	Calendar...	Final Sales Price		Sales Price (LC)
154518R	2073117R	0BR	00015453	202101	5,1140459499999997E+02	6,2238962100000003E+02	
154518R				202102	5,1450749299999995E+02	6,2238942399999996E+02	
154518R	2077603R		00011607	202101	0,0000000000000000E+00	0,0000000000000000E+00	
154518R				202102	6,0024350600000002E+02	7,2610256500000003E+02	
154518R			00015453	202101	5,9662500000000000E+02	7,2610455700000000E+02	
154518R				202102	6,0024415599999998E+02	7,2610334999999998E+02	
154518R	2079197R		00011607	202101	0,0000000000000000E+00	0,0000000000000000E+00	
154518R				202102	0,0000000000000000E+00	0,0000000000000000E+00	
154518R			00015453	202101	1,0228091899999999E+03	1,2447792420000001E+03	
154518R				202102	1,0290149859999999E+03	1,2447788479999999E+03	

When month axis is not displayed, the average of prices not nul is done

Analyse for months 01.2021 + 02.2021										
Source System	Material	Ship-to party (Core)	Distribution Channel	Aero-Specification	Base UoM	Sales Unit	Final Forecast (KG)	Final Forecast Net Sales	Final Sales Price (EUR/KG)	Formula/Exception Aggregation
WP1 Client 400	154518	2073117	0B	15453	Per piece	Per piece				EUR
			Result							512,956
		2077603	0B	11607	Per piece	Per piece	3,080	1 848,75		600,244
				15453	Per piece	Per piece	8,085	4 830,68		598,435
			Result				11,165	6 679,43		599,038
		2079197	0B	15453	Per piece	Per piece	20,020	10 269,38		1 025,912
			Result				20,020	10 269,38		1 025,912
			Result				31,185	16 948,81		696,407
			Result				31,185	16 948,81		696,407

Description	type	Source / Restricted or Calculated KeyFigure	Object or Calculation rule	Conversion	Comments
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Characteristics

List of key figures and DynaSys origin is in document "DEV-FC-30 = New Interface DynaSys -> BW (for Baan data, dynamic & static) - BW part"

Other axis are See page : BW - DP - List of axis in DP queries

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				

Transcodification for BAAN Ship-to

[01-DynaSys Reporting /!\ Obsolete /!\#01DynaSysReporting-AERO-TranscodificationforBAANShip-to](#)

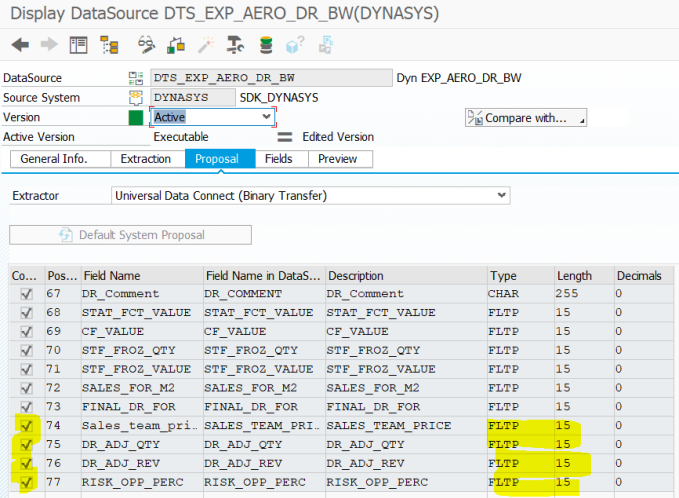
How Program/Market assignment works ?

[01-DynaSys Reporting /!\ Obsolete /!\#01DynaSysReporting-AERO-HowProgram/Marketassignmentworks ?](#)

How conversion to Base Unit or Sales unit is working ?

01-DynaSys Reporting /!\ Obsolete /!\ #01DynaSysReporting-AERO-HowconversiontoBaseUnitorSalesUnitworks?

How to add new KeyFigures in DR report

BW/HANA Object																																																																																																	
DataSource DTS_EXP_AERO_DR_BW	<p>New keyfigures have to be available on DynaSys site in view EXP_AERO_DR_BW</p> <p>Select fields and change type/length</p>  <p>Display DataSource DTS_EXP_AERO_DR_BW(DYNASYS)</p> <p>DataSource: DTS_EXP_AERO_DR_BW Dyn EXP_AERO_DR_BW Source System: DYNASYS SDK_DYNASYS Version: Active Compare with... Active Version Executable Edited Version</p> <p>Extractor: Universal Data Connect (Binary Transfer) Default System Proposal</p> <table border="1"> <thead> <tr> <th>Co...</th> <th>Pos...</th> <th>Field Name</th> <th>Field Name in DataS...</th> <th>Description</th> <th>Type</th> <th>Length</th> <th>Decimals</th> </tr> </thead> <tbody> <tr><td>✓</td><td>67</td><td>DR_Comment</td><td>DR_COMMENT</td><td>DR_Comment</td><td>CHAR</td><td>255</td><td>0</td></tr> <tr><td>✓</td><td>68</td><td>STAT_FCT_VALUE</td><td>STAT_FCT_VALUE</td><td>STAT_FCT_VALUE</td><td>FLTP</td><td>15</td><td>0</td></tr> <tr><td>✓</td><td>69</td><td>CF_VALUE</td><td>CF_VALUE</td><td>CF_VALUE</td><td>FLTP</td><td>15</td><td>0</td></tr> <tr><td>✓</td><td>70</td><td>STF_FROZ_QTY</td><td>STF_FROZ_QTY</td><td>STF_FROZ_QTY</td><td>FLTP</td><td>15</td><td>0</td></tr> <tr><td>✓</td><td>71</td><td>STF_FROZ_VALUE</td><td>STF_FROZ_VALUE</td><td>STF_FROZ_VALUE</td><td>FLTP</td><td>15</td><td>0</td></tr> <tr><td>✓</td><td>72</td><td>SALES_FOR_M2</td><td>SALES_FOR_M2</td><td>SALES_FOR_M2</td><td>FLTP</td><td>15</td><td>0</td></tr> <tr><td>✓</td><td>73</td><td>FINAL_DR_FOR</td><td>FINAL_DR_FOR</td><td>FINAL_DR_FOR</td><td>FLTP</td><td>15</td><td>0</td></tr> <tr><td>✓</td><td>74</td><td>Sales_team_pri.</td><td>SALES_TEAM_PRI.</td><td>SALES_TEAM_PRICE</td><td>FLTP</td><td>15</td><td>0</td></tr> <tr><td>✓</td><td>75</td><td>DR_ADJ_QTY</td><td>DR_ADJ_QTY</td><td>DR_ADJ_QTY</td><td>FLTP</td><td>15</td><td>0</td></tr> <tr><td>✓</td><td>76</td><td>DR_ADJ_REV</td><td>DR_ADJ_REV</td><td>DR_ADJ_REV</td><td>FLTP</td><td>15</td><td>0</td></tr> <tr><td>✓</td><td>77</td><td>RISK_OPP_PERC</td><td>RISK_OPP_PERC</td><td>RISK_OPP_PERC</td><td>FLTP</td><td>15</td><td>0</td></tr> </tbody> </table>	Co...	Pos...	Field Name	Field Name in DataS...	Description	Type	Length	Decimals	✓	67	DR_Comment	DR_COMMENT	DR_Comment	CHAR	255	0	✓	68	STAT_FCT_VALUE	STAT_FCT_VALUE	STAT_FCT_VALUE	FLTP	15	0	✓	69	CF_VALUE	CF_VALUE	CF_VALUE	FLTP	15	0	✓	70	STF_FROZ_QTY	STF_FROZ_QTY	STF_FROZ_QTY	FLTP	15	0	✓	71	STF_FROZ_VALUE	STF_FROZ_VALUE	STF_FROZ_VALUE	FLTP	15	0	✓	72	SALES_FOR_M2	SALES_FOR_M2	SALES_FOR_M2	FLTP	15	0	✓	73	FINAL_DR_FOR	FINAL_DR_FOR	FINAL_DR_FOR	FLTP	15	0	✓	74	Sales_team_pri.	SALES_TEAM_PRI.	SALES_TEAM_PRICE	FLTP	15	0	✓	75	DR_ADJ_QTY	DR_ADJ_QTY	DR_ADJ_QTY	FLTP	15	0	✓	76	DR_ADJ_REV	DR_ADJ_REV	DR_ADJ_REV	FLTP	15	0	✓	77	RISK_OPP_PERC	RISK_OPP_PERC	RISK_OPP_PERC	FLTP	15	0
Co...	Pos...	Field Name	Field Name in DataS...	Description	Type	Length	Decimals																																																																																										
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✓	76	DR_ADJ_REV	DR_ADJ_REV	DR_ADJ_REV	FLTP	15	0																																																																																										
✓	77	RISK_OPP_PERC	RISK_OPP_PERC	RISK_OPP_PERC	FLTP	15	0																																																																																										
ADSO APDYN08	<p>Create IO and add them to APDYN08</p> <p>In case of quantities to be provided in Sales Unit + Base UOM, create 2 IO in advance</p> <p>For Sales Unit, use K_DYN_207 as a model, for Base UOM, use K_DYN_206 as a model</p>																																																																																																
HANA View CV_DY_DYN08_DYN22_DYNAMIC _DISAGG	Select and propagate to Semantics																																																																																																

HANA View
CV_DY_DYN08_DYN22_DYNAMIC

Select and propagate to Semantics

In this view the prog % is applied

Create calculated column by copy/past K_DYN_021 for example

Scenario: Solvay.IA_DPS::CV_DY_DYN08_DYN22_DYNAMIC WBD@WBD (NPERILLA) 1 Warning(s) found.

Details: Join_12

- BIC C PFCTR2 BIC C PFCTR2
- BIC C DYN 010 BIC C DYN_010
- SYSTEM
- BIC C LOW BIC C LOW
- BIC C DYN 005 BIC C DYN_005
- BIC C DYN 003 BIC C DYN_003
- BIC C DYN 025 BIC C DYN_025
- BIC C DYN 006 BIC C DYN_006
- BIC C SPECIDM BIC C SPECIDM
- LOGSYS
- CALMONTH

Output: K_DYN_139, K_DYN_140, K_DYN_141, K_DYN_142, K_DYN_143, K_DYN_031, K_DYN_199, K_DYN_200, K_DYN_201

Calculated Column

Edit Calculated Column

Calculated columns are used to derive some meaningful information in the form columns.

Name: K_DYN_201

Data Type: DECIMAL Length: 17

Expression

Expression Editor

Validate Syntax

*_BIC_K_DYN_201'*K_PROGPER

Then edit to chance ratio, and propagate to Semantics

At semantic change to "measure" and change "Label"

Scenario: Solvay.IA_DPS::CV_DY_DYN08_DYN22_DYNAMIC WBD@WBD (NPERILLA) 1 Warning(s) found.

Details: Columns(179) View Properties Hierarchies Parameters/Variables

Local

Show:	Type	Key	Name	Label	Aggregation
<input type="checkbox"/>	12		_BIC_K_DYN_202	_BIC_K_DYN_202	Sum
<input type="checkbox"/>	12		_BIC_K_DYN_203	_BIC_K_DYN_203	Sum
<input type="checkbox"/>	12		K_DYN_199	K_DYN_199	Sum
<input type="checkbox"/>	12		K_DYN_200	K_DYN_200	Sum
<input type="checkbox"/>	12		K_DYN_201	K_DYN_201	Sum
<input type="checkbox"/>	12		K_DYN_202	K_DYN_202	Sum
<input type="checkbox"/>	12		K_DYN_203	K_DYN_203	Sum
<input type="checkbox"/>	12		K_DYN_204	K_DYN_204	Sum
<input type="checkbox"/>	12		_BIC_K_DYN_251	_BIC_K_DYN_251	Sum
<input type="checkbox"/>	12		_BIC_K_DYN_247	_BIC_K_DYN_247	Sum
<input type="checkbox"/>	12		_BIC_K_DYN_103	_BIC_K_DYN_103	Sum
<input type="checkbox"/>	12		_BIC_K_DYN_250	_BIC_K_DYN_250	Sum
<input type="checkbox"/>	12		K_DYN_251	K_DYN_251	Sum
<input type="checkbox"/>	12		K_DYN_247	K_DYN_247	Sum

Composite Provider CPDYN08

Assign new keyfigures and edit

Scenario: CPDYN08

Active Version 100%

Source: K_DYN_201

Target: [K_DYSTF] K_DYSTF

Edit Field

Modify Properties

Group: [Empty]

Type: Key Figure

Name: K_DYN_201

Description: Sales Team Forecast Frozen

Association with: InfoObject K_DYN_201

Usage of System-Wide Unique Name: [Unselected]

Direct Usage of Associated Object by Name: K_DYN_201 [Selected]

Details

Data Type: QUAN Precision: 17 Scale: [Empty]

OK

[C_DYN_057] DR Comment

[K_DYN_199] Statistical Forecas

[K_DYN_200] Customer Forecas

[K_DYN_201] Sales Team Forec

[K_DYN_202] Sales Team Forec

ADSO ABDYN22

Add IO to ABDYN22 + do mapping in transformation

HANA View
CV_DY_BL_DYN22_CPDYN11

Select Keyfigures from ABDYN22 (Projection 1) and propagate to Semantics

For quantities to be provided in Sales Unit + Base UoM, create 2 calculated columns

by copy/past K_DYN_201_BUOM_CC1 and K_DYN_201_SU_CC1

Propagate to Semantics

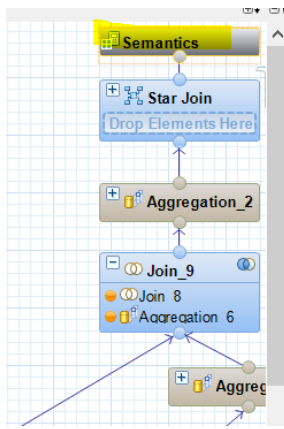
The screenshot shows a transformation editor with a data flow diagram on the left and a list of key figures on the right. The diagram includes several join nodes (Join 1 to Join 6) and projection nodes (Projection 3, 6, 8). The key figure list includes various BIC and K_DYN values. The 'Properties' window for 'K_DYN_201_BUOM_CC1' is visible, showing a formula: "BIC_K_DYN_201*"BIC_K_DYN_153".

The screenshot shows a transformation editor with a data flow diagram on the left and a list of key figures on the right. The diagram includes several join nodes (Join 1 to Join 6) and projection nodes (Projection 3, 6, 8). The key figure list includes various BIC and K_DYN values. The 'Properties' window for 'K_DYN_201_SU_CC1' is visible, showing a formula: "K_DYN_201_BUOM_CC1*"BIC_K_DYN_154".

At Aggregation_2 level => Convert to Aggregated Column

The screenshot shows a transformation editor with a data flow diagram on the left and an output list on the right. The diagram includes a 'Semantics' node, a 'Star Join' node, and an 'Aggregation_2' node. The output list includes various key figures and calculated columns. The 'Output' window shows a list of key figures and calculated columns, including 'OAMOUNTVR', 'OLOTSIZE', 'K_DYN_240', 'BIC_K_DYN_251', 'BIC_K_DYN_247', 'BIC_K_DYN_103', 'BIC_K_DYN_250', 'K_DYN_247_BUOM_CC1', and 'K_DYN_247_SU_CC1'.

At Semantics level => Change to Measure



Details

Columns(325,0) View Properties Hierarchies Parameters/Variables(3)

Local

Show: All

Type	Key	Name	Label	Aggregation	Variable
	<input type="checkbox"/>	0COSTCOMP	Cost Co...		
	<input type="checkbox"/>	CURRENCY_COST_KEY	Currenc...		
MM	<input type="checkbox"/>	_BIC_K_DYN_251	_BIC_K_...	Sum	
MM	<input type="checkbox"/>	_BIC_K_DYN_247	_BIC_K_...	Sum	
MM	<input type="checkbox"/>	_BIC_K_DYN_103	_BIC_K_...	Sum	
MM	<input type="checkbox"/>	_BIC_K_DYN_250	_BIC_K_...	Sum	
MM	<input checked="" type="checkbox"/>	K_DYN_247_BUOM_CC1			
MM	<input type="checkbox"/>	K_DYN_247_SU_CC1			

