

# BW - Mov. Average Price Evolution for M M-1 (Core Query)

## Basic Information

<b>BW Server</b>	WBP
<b>Application</b>	IM Stocks
<b>Query Name</b>	BW - Mov. Average Price Evolution for M M-1 (Core Query)
<b>Query Technical Name</b>	BW_QRY_ODS_0COPC_001_003
<b>Core/Specific Scope</b>	Core
<b>Provider Name</b>	0COPC_001
<b>Usage type</b>	Direct execution in Analysis
<b>Expected users</b>	Site controller

- [Basic Information](#)
- [Purpose of this query](#)
- [Variables screen](#)
- [Filters](#)
- [Characteristics](#)
- [Key Figures](#)
  - [Mov. Avg. Price Variation](#)
  - [Mov. Avg Price Actual / Base Qty](#)
  - [Mov. Avg Price Previous / Base Qty](#)
  - [Mov. Avg Price Actual](#)
  - [Mov. Avg Price Previous](#)
  - [Conditional Formatting](#)

## Purpose of this query

The purpose of this query is to identify quickly all the materials/plants for which the average moving price has changed a lot between the current period and the past period. This is because those big changes are usually due to errors (Ex : incorrect unit when recording the goods receipt).

## Variables screen

Variable Name	Authorization Object	Description
Minimal Variation of Moving Avg Price	No	10 by default - The minimum percentage of difference for which the query will show results. The report will only show material/plants for which the variation in % was larger than this selection.
Price Code	No	Price control value - V for materials managed in Avg Moving Price, S for materials managed in standard price
Company Code	Yes	Authorization object - Need to select a perimeter you have access to

## Filters

Object	Filter Value	Explanation
Price Type	P02	Only the P02 (Moving Average Price/periodic unit price) is shown

By default 2 measures filters are active :

- Only display material/plants for which **Mov. Avg. Price Variation > Minimal Variation of Moving Avg Price**
- Only display materials if **Price is >0**

Both these filters can be removed

## Characteristics

Characteristic Name	Characteristic code	Explanation
Price Control	OPRICE_CTRL	V for materials managed in Avg Moving Price, S for materials managed in standard price

## Key Figures

### Mov. Avg. Price Variation

#### Description

Absolute percentage difference between the last month Avg Moving Price and the current Avg Moving Price

#### Calculation rule detail

$ABS(("Mov. Avg Price Actual / Base Qty" - "Mov. Avg Price Previous / Base Qty") / "Mov. Avg Price Previous / Base Qty") * 100$

### Mov. Avg Price Actual / Base Qty

#### Description

Current moving average unit price.

#### Calculation rule detail

Valuation price / Base Quantity for Price where Fiscal Period = Current period.

### Mov. Avg Price Previous / Base Qty

#### Description

Previous month moving average unit price

#### Calculation rule detail

Valuation price / Base Quantity for Price where Fiscal Period = Current period-1

### Mov. Avg Price Actual

#### Description

Current moving average price for the **Base Quantity**.

#### Calculation rule detail

Valuation price where Fiscal Period = Current period.

### Mov. Avg Price Previous

#### Description

Previous period moving average price for the **Base Quantity**.

#### Calculation rule detail

Valuation price where Fiscal Period = Current period-1

## Conditional Formatting

See how to use in the [Formatting](#) page.

Condition Name	Rule
Color Depending on Variation	Green if Mov Avg Price Variation <0% and >5% Orange if Mov Avg Price Variation <5% and >10% Red if Mov Avg Price Variation >10%