

# DIOH

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## Basic Information

<b>Application</b>	IM - Stocks
<b>Query Name</b>	Days Inventory On Hand
<b>Query Technical Name</b>	BW_QRY_CPIMMM01_0014
<b>Multi-Provider Name</b>	Inventory Management
<b>Multi-Provider Technical Name</b>	CPIMMM01
<b>Usage type</b>	Direct execution in Analysis Dashboard
<b>Page</b>	DIOH

## Purpose of this query

DIOH represents number of days, for how long each material would remain in the plant if consumed at the same pace as over last 3 months.

DIOH uses Stock quantity at the end of a selected period and annualized Sales & Consumptions (quantified by Stock movements over the last 3 months.)

## Scope

Valuation Class Sub-types: **Raw Materials, Finished Product, Intermediates** (Defined by list of Valuation Classes for each system (PF1 and WP1). Complete Mapping [here.](#))

## Definition

**Figure1:** Usage Quantity = Global Sales + Global Consumption

Global Sales = Sales External + Sales Inter Company + Sales Intraco + Sales Consignment

Sales External = Sale external (+) - Sale external (-)

Quantity/Value	Movement Type	Description
Sale external (+)	231	GI for sales order (WP1&PF1)
Sale external (+)	232	RE for sales order (WP1&PF1)
Sale external (+)	601	GD goods issue:delvy (WP1&PF1)
Sale external (+)	602	RE goods deliv. rev. (WP1&PF1)
Sale external (-)	459	Credit Indicator

Sales InterCompany = Sale inter company (+) - Sale inter company (-)

Quantity/Value	Movement Type	Description
Sale inter company (+)	643	TF to cross company (WP1&PF1)
Sale inter company (+)	644	TR to cross company (WP1&PF1)
Sale inter company (+)	645	TF cross company (WP1&PF1)
Sale inter company (+)	646	TR cross company (WP1&PF1)
Sale inter company (-)	673	TF to cross company (WP1&PF1)
Sale inter company (-)	674	TR to cross company (WP1&PF1)
Sale inter company (-)	675	TR cross company (WP1&PF1)
Sale inter company (-)	676	TF cross company (WP1&PF1)

Sales Intraco = Sale Intraco (+) - Sale Intraco (-)

Quantity/Value	Debit/credit indicator	Movement Type	Description
Sale Intraco (+)	H (credit)	303	TF <a href="http://rem.fm.stor.to">rem.fm.stor.to</a> pl (WP1&PF1)
Sale Intraco (+)	H (credit)	641	TF to stck in trans. (WP1&PF1)
Sale Intraco (+)	H (credit)	647	TF to stck in trans. (WP1&PF1)
Sale Intraco (+)	H (credit)	672	TF to stck in trans. (WP1&PF1)
Sale Intraco (+)	H (credit)	678	TF to stck in trans. (WP1&PF1)
Sale Intraco (-)	S (debit)	304	TR <a href="http://rem.fm.stor.to">rem.fm.stor.to</a> pl (WP1&PF1)
Sale Intraco (-)	S (debit)	642	TR to stck in trans. (WP1&PF1)
Sale Intraco (-)	S (debit)	648	TR to stck in trans. (WP1&PF1)
Sale Intraco (-)	S (debit)	671	TR to stck in trans. (WP1&PF1)
Sale Intraco (-)	S (debit)	677	TR to stck in trans. (WP1&PF1)

Sales Consignment = Sale Consignment (+) - Sale Consignment (-)

Quantity/Value	Debit/credit indicator	Movement Type	Description
Sale Consignment (+)	H (credit)	631	GI consgmt: lending (WP1&PF1)
Sale Consignment (-)	S (debit)	632	GI consgmt:ret.delvy (WP1&PF1)

Global Consumption = Internal Consumption + Sub-contracting Consumption

Internal Consumption

Quantity/Value	Movement Type	Description
internal	261	GI consgmt: lending (WP1&PF1)
internal	262	GI consgmt:ret.delvy (WP1&PF1)

Sub-contracting Consumption

Quantity/Value	Movement Type	Description
sub-contracting	543	GI consgmt: lending (WP1&PF1)
sub-contracting	544	GI consgmt:ret.delvy (WP1&PF1)

**Figure2:** Annualized Sales and Consumption Quantity = [ Last 3 months of usage quantity \* 4 ]

Movements (from Step 1) occurred in period of last 3 months multiplied by 4

**Figure3:** End of Month Inventories Quantity

Quantity at the end of the reported month

**Figure4:** DIOH = End-of-Month Inventories Quantity divided by Annualized Sales and Consumption and multiplied by 365

(Figure 3 / Figure 2) \* 365

## Filters

## Key Figures

Key figure	Unit of Measure	Description
[-] Usage Quantity	KG	= Qt. Global Sales + Qt. Global Consumption
[-] Qt. Global Sales	KG	= Sales External + Sales Inter Company + Sales Intraco + Sales Consignment
Sales External	KG	= Sale external (+) - Sale external (-)
Sales Inter Company	KG	= Sale inter company (+) - Sale inter company (-)
Sales Intraco	KG	= Sale Intraco (+) - Sale Intraco (-)
Sales Consignment	KG	= Sale Consignment (+) - Sale Consignment (-)
[-] Qt. Global Consumption	KG	= Internal Consumption + Sub-contracting Consumption
Internal Consumption	KG	
Sub Contracting Consumption	KG	
[-] Annualized Sales and Consumption Quantity	KG	= Usage Quantity * 4
End-of-Month Inventories Quantity	KG	Stock Quantity
DIOH Quantity	days	= (End-of-Month Inventories Quantity * 365) / Annualized Sales and Consumption Quantity
[-] Usage Value	EUR	
[-] VI. Global Sales	EUR	
Sales External	EUR	
Sales Inter Company	EUR	
Sales Intraco	EUR	
Sales Consignment	EUR	
[-] VI. Global Consumption	EUR	
Internal Consumption	EUR	
Sub Contracting Consumption	EUR	
[-] Annualized Sales and Consumption Value	EUR	
[-] VI. Global Sales (Last 3 Months)	EUR	
Sales External (Last 3 months)	EUR	

Sales Inter Company (Last 3 months)	EUR	
Sales Intraco (Last 3 months)	EUR	
Sales Consignment (Last 3 months)	EUR	
[-] VI. Global Consumption (Last 3 Months)	EUR	
Internal Consumption (Last 3 months)	EUR	
Sub Contracting Consumption (Last 3 months)	EUR	
End-of-Month Inventory Value	EUR	
DIOH Value	EUR	

## Characteristics

## Update Frequency

Monthly