

DIOH

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Basic Information

Application	IM - Stocks
Query Name	Days Inventory On Hand
Query Technical Name	BW_QRY_CPIMMM01_0014
Multi-Provider Name	Inventory Management
Multi-Provider Technical Name	CPIMMM01
Usage type	Direct execution in Analysis Dashboard
Page	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 rem.fm.stor.to 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 rem.fm.stor.to 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