

6.7 - Monitoring of Dscp Databases

a. Purpose

Master tables are daily refreshed from external applications and also from data directly managed in Dscp such as DFU. Volume of those tables may change suddenly, that's why they must be monitored in order to detect unexpected data and to avoid performance regressions.

b. Email Alert

An automated email is fully dedicated to inform about growth or decrease volumes. This email is generated by application at the end of each Static and is composed of several criteria of comparison described below. A focus on positive or negative gaps is performed.

- **First chart** : Positive % of growth

Current Master table volumes are compared to Last month average and Last Week average. All increases > 1% are only displayed. Gaps > 10% highlighted in red.

Top 10 Growth Volumes					
Master tables	%Volume vs Week-1	New volume	Master tables	%Volume vs Month-1	New Volume
			SHip to KA_ PA V1	+6%	19
			GBU Material group_ PA V1	+6%	19
			Commercial Product_ PA V2	+6%	19

- **Second chart** : Negative % of growth

Current Master table volumes are compared to Last month average and Last Week average. All increases > 1% are only displayed. Gaps > 10% highlighted in red.

Top 10 Decrease Volumes			
Master tables	%Volume vs Week-1	Master tables	%Volume vs Month-1
		Site	-56%
		Commercial product*Shipto	-36%
		Product Type * Site	-33%

- **Third chart** : Master Tables sorted by greatest number of records descending.

Top 10 Largest Master Tables

Master tables	Number of records
MaterialSub-Group-MiniZone_PA	64800
FAMPR	31415
Site DiP	26677
Material:Shipto@DC	24116
Material:Shipto@BU	23228
Material:Shipto	23225
Commercial Product	22017
City_	20323
GBU Ship-to Group	18431
MaterialGroup:Shipto@GBU	18278

- **Fourth chart** : some specific Master Tables and their evolution compared to Last month average

Volume of Selected Master Tables

Master tables	Month-1	Current
Material:Shipto	23106	23225
Material:Shipto@BU	23109	23228
Material:Shipto@DC	23994	24116

- **Fifth chart** : largest datafields whose values may have been stored in an encrypted compressed way.

Top 10 Largest Datafields

Datafields	ID	Size in MB
Supersession log Budget Volume	218123327	8
Supersession log Budget Net Sales	234900573	7
Supersession log WBudget volume	553667408	4
Supersession log WBudget Net Sales	553668389	4
Supersession log BFR 6 Net Sales	553668441	3
Supersession log BFR 6 volume	553668443	3
Supersession log Demand Review supersession history	553668801	2
Supersession log Sales team forecast	553668635	1
Supersession log Collaborative Forecast by SOB & DemandReview	553668838	1
Supersession log Sales team forecast TS	553668649	1

💡 The global level includes the combination of two task groups "Daily static + Daily dynamic". A simple way to get a quick status of the full daily run !