

Table of Contents

Overv	iew	. 2
Object	tives	. 2
Enterp	prise Roles	. 2
Proced	dure	. 3
Α.	Navigation	. 3
В.	Prompts	. 4
C.	Refreshing the report	. 6
D.	Export Report	. 6
Overvi	iew of the Report	. 7
Α.	Structure of Analysis Workspace	. 7
В.	Layout of the Report	. 9
Scope	determination	19
Additi	onal Resources	19



Overview

This job aid documents how to execute the Business Intelligence (BI) report called **"Freight Orders - Events"**. It is intended to facilitate the exploration of statistics related to the Execution Events at Freight Order level (**FO**)

The aim of this report is to support the business by assessing the performance by Shipment leg providing lead times, and number and percentage of events occurred from a wide variety of perspectives.

Business users can run Analysis Workspace reports and use them as a starting point to instantaneously create complex, ad-hoc queries by using features like "slice and dice", "drill-down", breakdown and "filtering". In other words, the Analysis Workspace is a blank slate which provides users with the customised analysis and reports they need to build.

Users can run reports, export and save them in Excel, PDF or CSV format and even print them. When users run the report, the system generates it from the latest available data set loaded into SAP HANA from the Umoja transactional system. Data is refreshed in BI in real time mode from the Transportation Management transactional system.

Objectives

This Job Aid provides the step-by-step procedure on how to generate a report on Freight Order Events using the Umoja BI Analysis Workspace application.

Enterprise Roles

BI.85 ROLE: ALL:BI:SC_TMEM_ANALYTIC_USER provides access to the TM Analysis Workspaces reports.



Procedure

A. Navigation

- 1. Log on to Citrix: <u>https://login.umoja.un.org</u>
- 2. Go to the icon called "Umoja Production".



- 3. Open the downloaded file (normally called "launch.ica").
- 4. Click on "BI Portal".





5. Open the public folder **Umoja BI** → **Transportation and Event Management**. Double-click on the name to open it.

Home Documents Freight Orders - Events 🖓 😐 🖄		
View - New - Organize - Send - More Actions	• De	atails
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🕂 🛄 Umoja BI		
Transportation and Event Management		

B. Prompts

1. As soon as you open the report, the Prompts window will display. Only the FO Event Type field is required. It allows you to select **All**, **Expected** or **Reported** events. In addition, a wide variety of Optional Freight Order fields is also available.

Prompts : Freight Orders - Events		= ×
Prompt Summary	All Required Optional	¢ -
* dw.model.model-data.silo.tm/TM_FACT_ENDTOEND_E	▼ * FO Event Type	
* 🕑 FO Event Type : All	All	
View hidden optional prompts (18)		
Save prompt values with workspace		
Required prompts		Canad
	OK	Cancel

Transportation Management BI Report Freight Order - Events



Prompts : Freight Orders - Events		Ξ×
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FO Document :	FO Departure Date	
FO Departure Date :	 FO Arrival Date 	
FO Arrival Date :	FO Created On Date	
FO Created On Date :	FO Created By	
	FO Life Cycle Status	
FO Created by :	 FO Subcontracting Status 	
FO Life Cycle Status :	 FO Execution Status 	
FO Subcontracting Status :	 FO Shipper 	
FO Execution Status :	FO Consignee	
FO Shipper :	FO Carrier	
FO Consignee :	FO Source Location	
FO Carrier :	FO Destination Location	
EQ Source Location :	> FO Incoterm	
FO Destination Location :	 FO Planning Group EO Purchasing Group 	
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FO Purchasing Group :		
DTR/FWO Document Type :		
DTR/FWO Transportation Mode :		
<u>View hidden required prompt (1)</u>		
 Save prompt values with workspace Required prompts 	OK Ca	ncel

Tip: You may click on the button to choose the values you are interested in any of the prompts. The wildcard * may be useful to search broadly by Keys (e.g. 111*67) or by Descriptions (e.g. **REPUBLIC**):

Prompts				\equiv ×			
Prompt Summary	All Required Optional			• •			
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To created on Date.	► FO Life Cycle Status						
FO Created by :	FO Subcontracting Status						
FO Life Cycle Status :	FO Execution Status						
FO Subcontracting Status :	▼ FO Shipper						
FO Execution Status :	No values selected	×					
FO Shipper :	FO Consignee	*					
FO Consignee :	FO Carrier						
FO Carrier :	FO Source Location	Plember Selector		Member Selector		Member Selector	
FO Source Location :	FO Destination Location						
FO Destination Location :	FO Incoterm	Find Members	A - 4	*REPUBLIC*	<u>}</u>	*067	10 - 60
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DTR/FWO Transportation Mode :	All			1111000143 : PM OF TH	E REPUBLIC OF SEN		
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			OK Cancel		OK Cancel		OK Cancel

2. After entering the required filter, click **OK** and the report will run:



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	Learliest Date of Upload to BW Events		Ghorayeb International Freight Forw arding		4	100.0%	(0.0%	4	100.0%	0	0.0%	0	0.0%		0.0%	546.53
	Number of Customs Clearance Events		Global Fleet Sales, LLC.	1	5 5	100.0%	(0.0%	5	100.0%	0	0.0%	C	0.0%		0.0%	1,760.70
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	Latest Date of Customs Clearance Eve		1.4.5. let Air Service SPA	1.	11	91.7%		0.0%	11	91.7%		0.0%		0.0%		0.0%	1,025.57
	💪 Number of Standard Damage Events		KONECRANES LIFTTRUCKS AB			100.0%		0.0%		100.0%		0.0%		0.0%		0.0%	1 594 60
	💪 Earliest Date of Damage Events		Kuehne + Nagel, Inc.	1	10	100.0%		0.0%	10	100.0%		0.0%		0.0%		0.0%	2,408,94
	🖾 Latest Date of Damage Events		Lenovo (United States) Inc	3	5 24	68.6%	9	9 25.7%	15	42.9%	1	2.9%	0	0.0%		0.0%	1,145.22
	💪 Number of Delay Events		Nippon Express Co.,Ltd.		1	100.0%	(0.0%		0.0%	1	100.0%	1	100.0%		0.0%	0.00
	💪 Earliest Date of Delay Events		Nissan Trading Co., Ltd.	8	7 79	90.8%	2	2 2.3%	76	87.4%	1	1.1%	0	0.0%		0.0%	16,422.06
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	Number of Loading Begin Events		Tounta (Gibraltar) Stockholdings Li mited			100.0%		0.0%		100.0%		0.0%	(0.0%		0.0%	390.63
	Endiast Data of Landias Pasis Events		United Nations Carrier			100.0%		0.0%		100.0%		0.0%		0.0%		0.0%	349.68
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	Latest Date of Proof of Delivery Events		Sheet 1 Sheet 2 Sheet 3	1													

C. Refreshing the report

Once the report has been opened, you can decide to change the already selected filter values using the "Prompts" button:

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	La Number of Customs Clearance Events		FO Execution Status :		FO Carrier	0.09
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	🖾 Latest Date of Customs Clearance Eve		FO Consignee :		FO Destination Location	0.09
	🐁 Number of Standard Damage Events		FO Source Location :		+ FO Incoterm	0.09
	🔬 Earliest Date of Damage Events		FO Destination Location :		FO Planning Group EO Purchasing Group	0.05
	👍 Latest Date of Damage Events		EQ Incoterm :		DTR/FWO Document Type	0.03
	👞 Number of Delay Events		FO Planning Group :		DTR/FWO Transportation Mode	00.03
	🚛 Earliest Date of Delay Events		FO Purchasing Group :		✓ * FO Event Type	0.08
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	👍 Latest Date of Departure Events	The Background				0.05
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	🚛 Earliest Date of Loading Begin Events		 Required prompts 			0.05
	媥 Latest Date of Loading Begin Events				OK Cancel	0.3%
	🐔 Number of Loading End Events					

D. Export Report



1. You can export the report to Excel, PDF or CSV (text format) by clicking on the Export icon as seen below:



2. When the Export dialog box opens, make sure you select the required data to export using the available options, depending on the chosen export format.

Furthermore, by clicking on "Repeat outer header members", each row of data will contain the header information for that data element. This is useful for exporting flat tables for further analysis in Excel.

Export	Print What		Paper
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Repeat outer header members Include linked crossstabs and charts	None Footer Left: Today's Date	Sheet Name Center: None	Right:

3. A pop-up dialog will appear, where the option to open or save the file needs to be chosen.

Overview of the Report

A. Structure of Analysis Workspace

The screenshot below highlights the main different navigational elements of an Analysis Workspace:

Transportation Management BI Report Freight Order - Events



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	Home	Documents Freight Orders - Events 🖉 😐 😫		Average Lead Time by DTR/PITO (Hando % of Freight Orders with Najor Delay	er to Anival)	Delete	_													
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 		Loading End Events		Test Caulas	1		1 100.0%		0.0	6	100.0%		0.0%		0 0.0	56	0 0.0%	5 156.8	156.8	6
 		Latest Date of Landian End Events		Tourts Mater Corporation (Japan)	91		93.8%		0.0	No 84	90.6%	. 1	10.49		8 8.3	56 ·	3 3.17	38,293.7	398.8	9 -8.
 		 Latest Date or Loading End Events Number of Partie of Delivery Provide 		100 Mission Date, of Cauth Cudan	92	8	1 88.0%		0.0	16 81	88.0%		0.0%		0 0.0	%	0 0.0%	5 22,130.9	240.5	5
(a, unitational production of source (source) (sour		Earliest Date of Dread of Delivery Events		UNDE MEXICO	1		1 100.0%		0.0	6 1	100.0%		0.09		0 0.0	5	0 0.0%	5 31.7	31.7	5
description Large Large <thlarge< <th="" thcty="">LargeLarge<td></td><td>Latest Date of Proof of Delivery Events</td><td></td><td>Total Result</td><td>13</td><td>1</td><td>3 100.0%</td><td></td><td>0.0</td><td>· 1</td><td>100.0%</td><td></td><td>0.09</td><td></td><td>0.0</td><td></td><td>0.09</td><td>7,091.8</td><td>545.5</td><td></td></thlarge<>		Latest Date of Proof of Delivery Events		Total Result	13	1	3 100.0%		0.0	· 1	100.0%		0.09		0.0		0.09	7,091.8	545.5	
Index Date of France of Privatory Streets Image:		Aumber of Proof of Pickup Events		Total Result	1,769	1,48	8 84.1%	5	2.89	6 1,434	81.1%	- 19	5 0.9%	1	1 0.69	fe i	6 0.3%	435,101.9	245.9	5 -78
d. Later to field of Point of Points Image: State of Point of Points d. Later to the of Points of Points Image: State of Points d. Later to the of Points of Points Image: State of Points		Earliest Date of Proof of Pickup Events																		
d humber of Unisolang lapar Dents		Latest Date of Proof of Pickup Events																		
d_ Latist Data of Unishing lags Dents		L Number of Unloading Begin Events																		
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4. Runder of Unisation for forms		Latest Date of Unloading Begin Events																		
✓ Earliest Date of Unloading End Events		📥 Number of Unloading End Events																		
		📥 Earliest Date of Unloading End Events		< >	4															•

1. Data Panel

The data panel displays the *Measures* and *Characteristics* available to use in the report. The data panel is used to select the required information to perform navigation functions, such as adding characteristics to rows or columns or including new background filters.

Measures and Characteristics are the main components of an Analysis Workspace:

- Measure 4: Numerical values or metrics which are measured in the analysis (e.g. DTR/FWO Quantity Item).
- Characteristic ^(*): Fields in Umoja that are used to differentiate and analyse measures under different perspectives (e.g. DTR/FWO Consignee).

2. Layout Panel

The *Layout panel* is the panel adjacent to the *Data panel* and here you can:

- Drag and drop different characteristics and measures into the Rows or Columns of your analysis, as with Pivot tables in Excel.
- Drag and drop one or more measures or characteristics as Background Filters to your analysis.
- Perform navigational operations on characteristics and measures including filtering, re-ordering and swapping objects.

3. Analysis Panel

The Analysis window is the primary part of the screen displaying the rows and columns in a spreadsheet form for the selected data. It is located on the right of the *Layout panel*. This window displays the core components of the Analysis Workspace report.



Normally, the measures for a specific Analysis Workspace are set in the *Columns Section* of the analysis, while characteristics are placed in the *Rows section*.

The Analysis Panel can contain more than one Tab with different analysis or charts.

4. Calculations

The Calculations pane displays the Custom Calculations done in the Analysis Workspace. Here you can create a new measure based on the existing ones, edit or delete the custom calculations.

B. Layout of the Report

Analysis Workspaces have the following structure:

Course 1 4	Documents Freight Orders - Events 20 10																				
	8-18-18-18-8	Analyze Insert	Display																		0
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	Data * 《	Layout ×	Analysis 1																	19 column	, 475 cells 💷 🗴
		111 Columns		Measures																	
観	🗛 🎜 🔮 Prompts	T Manual	O Carrier Description	FQ Number	Number of	% of	Number of	% of	Number o	% of	Nu	mber of	% of 📄	Number of	% of	Number of	% of	Delay in	Average	FO Lead	Average
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					Damages,	with	with Slight	with	Major Del	ey with	Da	amages	with	Losses	with	Other	with	Destination	Arrival at	(Handover	FO
	-				Losses or	Delays,	Delay	Delay		Delay	y I		Uamage		Losses	Events	Events		by FO	to Arrival)	to to
	1. III 7 ⁴ 76 -				Other Events	Losses or Other															Arrival)
	📥 Earliest Date of Loading Begin Events 🔺					Events															
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	Loading End Events	FO Carrier Description >	2	193	2 17	92.75	16	0)	0.0%	78 9	92.7%	0	0.0%		0	0.0%	0 0.05	6 89,914.55	468.3	0	
	Learliest Date of Loading End Events		A To Z SERVICES (Lebanon)	33	2 31	93.85	5	0 (0.0%	30 9	93.8%	0	0.0%		0	0.0%	0 0.05	6 11,007.79	343.9	9 5.00	0.16
	Latest Date of Loading End Events		A.M. DABBOUS		5 .	80.01	56	0	0.0%	4 8	80.0%	0	0.0%		0	0.0%	0 0.05	6 1,346.02	269.2	0	
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	Earliest Date of Proof of Delivery Events		Copenhagen Global A/S			1 100.05	56	0 /	0.0%	1 10	00.0%	0	0.0%)	0.0%	1 100.05	6 752.10	752.1	0	
	Latest Date of Proof of Derivery Events		Dummy Carrier	92:	8 84	91.3	% 3	7 .	4.0%	806 8	87.3%	4	0.4%		1	0.1%	1 0.15	6 227,397.23	246.3	7	
	Farliest Date of Proof of Pickup Events		ECA	1		2 10.55	56	1 :	5.3%	1	5.3%	0	0.0%		0	0.0%	0 0.05	6 158.04	8.3	2	
	Latest Date of Proof of Pickup Events		A & C INTERNATIONAL CONSULTING S.R	-		44.45	56	0	0.0%	4 4	44.4%	0	0.0%)	0.0%	0 0.09	6 805.72	89.5	2	
	Number of Unloading Begin Events		International Armoured Group F2E		7	7 100.05	56	6 8	5.7%	1 1	14.36)	0.0%	0 0.05	6 393.70	56.2	4	I
	Larliest Date of Unloading Begin Events		141	13	9 5	42.5	16	2	1.4%	57	-					0.7%	0 0.05	6 5,510.18	39.6	4 0.00	0.00
	📥 Latest Date of Unloading Begin Events		Dowe Soction			2 50.01	5	0	0.0%	2	Colu	umns	Sectio	n		0.0%	0 0.05	6 134.74	33.6	9	
	📥 Number of Unloading End Events		Rows Section			100.01	39 		0.0%	3						0.0%	0 0.05	5 1,131.34	3//.1	1	
	Larliest Date of Unloading End Events	()	Nieczo			90.21	18		0.0%	50 9	90.575		0.01		<u> </u>	1.0%	1 1.85	6 13,210.41	231.8		
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	Le Number of Cargo Information Events		PM OF COTE D'IVOIRE TO UN OFFICE IN			100.01	79 V		0.070	1 10	00.0%	0	0.0%			0.0%	0 0.05	· 3/3./3	10776	2	
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	Catest and another cyclics		PM OF THE REPUBLIC OF GUINEA TO TH	10	4	45.55	4		4.0%	47 4	41.6%	0	0.0%			0.0%	0 0.05	4.871.13	49.7	3	
			SUPPLIER JORDAN COE			100.05	K		0.0%	2 10	00.0%	0	0.0%			0.0%	0 0.05	820.90	410.4	5	
	(Data Panel)		Scan Global Logistics A/S			100.05	6	0 1	0.0%	1 10	00.0%	0	0.0%			0.0%	0 0.05	156.86	156.8	6	
			Test Carrier	9	5 9	93.8	5	0	0.0%	87 9	90.6%	10	10.4%			8.3%	3 3.15	6 38.293.74	398.8	- 9 -83.01	-0.86
	Laritest on ocparture Events		Toyota Notor Corporation (Japan)	95	2 8	88.01	5	0 1	0.0%	81 8	88.0%	0	0.0%)	0.0%	0 0.05	6 22,130.92	240.5	5	
	📥 Latest Date of Chalk Departure Events		UN Mission Rep. of South Sudan			100.05	56	0	0.0%	1 10	00.0%	0	0.0%)	0.0%	0 0.05	6 31.75	31.7	5	
	📥 Number of Clear Customs On-Carriage Ev		UNDP-MEXICO	1	1	3 100.04	5	0	0.0%	13 10	00.0%	0	0.0%)	0.0%	0 0.05	6 7,091.88	545.5	3	
	💪 Earliest Date of Clear Customs On-Carria;		Total Result	1,769	1,48	8 84.19	fo 5	0 2	.8% 1,4	34 81	1.1%	15	0.9%	11		.6%	6 0.3%	435,101.9	245.9	6 -78.00	-0.04
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	L Number of Cost Change Events																				
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	Number of Documentation Complete Ever		1	1																	10
	Larliest Date of Documentation Complete +		Sheet 1 Sheet 2 Chart 2														_	_	_	_	-
4	•		and																		

• Data Panel

It contains all the Characteristics and Measures that users may add to their ad-hoc analyses.

- **Measures**: provide the total number of events by type, the earliest and latest date of each event type, lead averages from Handover to Arrival event and delays for Arrival at Destination. Total number of Freight Orders documents, Consignees and Shippers are also provided.
 - Number of Arrival to Destination Events: counter of events of type Arrival to Destination (Event code 'ARRIV_DEST').



- Earliest Date of Arrival to Destination Events: Date of first occurrence of event 'Arrival to Destination' in a Freight Order document
- Latest Date of Arrival to Destination Events: Date of last occurrence of event 'Arrival to Destination' in a Freight Order document

Note: The above explanations apply to the following measures but for different event types

- Number of Upload to BW Events
- Earliest Date of Upload to BW Events
- Latest Date of Upload to BW Events
- Number of Customs Clearance Events
- Earliest Date of Customs Clearance Events
- Latest Date of Customs Clearance Events
- Number of Damage Events
- Earliest Date of Damage Events
- Latest Date of Damage Events
- Number of Delay Events
- Earliest Date of Delay Events
- Latest Date of Delay Events
- Number of Departure Events
- Earliest Date of Departure Events
- Latest Date of Departure Events
- Number of Loading Begin Events
- Earliest Date of Loading Begin Events
- Latest Date of Loading Begin Events
- Number of Loading End Events
- Earliest Date of Loading End Events
- Latest Date of Loading End Events
- Number of Proof of Delivery Events
- Earliest Date of Proof of Delivery Events
- Latest Date of Proof of Delivery Events
- Number of Proof of Pickup Events
- Earliest Date of Proof of Pickup Events
- Latest Date of Proof of Pickup Events



- Number of Unloading Begin Events
- Earliest Date of Unloading Begin Events
- Latest Date of Unloading Begin Events
- Number of Unloading End Events
- Earliest Date of Unloading End Events
- Latest Date of Unloading End Events
- Number of Cargo Information Events
- Earliest Date of Cargo Information Events
- Latest Date of Cargo Information Events
- Number of Chalk Arrival Events
- Earliest Date of Chalk Arrival Events
- Latest Date of Chalk Arrival Events
- Number of Chalk Departure Events
- Earliest Date of Chalk Departure Events
- Latest Date of Chalk Departure Events
- Number of Clear Customs On-Carriage Events
- Earliest Date of Clear Customs On-Carriage Events
- Latest Date of Clear Customs On-Carriage Events
- Number of Cost Change Events
- Earliest Date of Cost Change Events
- Latest Date of Cost Change Events
- Number of Cross Border COE Events
- Earliest Date of Cross Border COE Events
- Latest Date of Cross Border COE Events
- Number of Documentation Complete Events
- Earliest Date of Documentation Complete Events
- Latest Date of Documentation Complete Events
- Number of Documentation Sent Events
- Earliest Date of Documentation Sent Events
- Latest Date of Documentation Sent Events
- Number of Handover Document Events
- Earliest Date of Handover Document Events
- Latest Date of Handover Document Events
- Number of Loss Events



- Earliest Date of Loss Events
- Latest Date of Loss Events
- Number of Other Events
- Earliest Date of Other Events
- Latest Date of Other Events
- Number of Partial Delivery Events
- Earliest Date of Partial Delivery Events
- Latest Date of Partial Delivery Events
- Number of Quality Issue Events
- Earliest Date of Quality Issue Events
- Latest Date of Quality Issue Events
- Number of Route Change Events
- Earliest Date of Route Change Events
- Latest Date of Route Change Events
- Number of Tax Exemption Events
- Earliest Date of Tax Exemption Events
- Latest Date of Tax Exemption Events
- Number of Military Security Escort Missing Events
- Earliest Date of Military Security Escort Missing Events
- Latest Date of Military Security Escort Missing Events
- Number of Major Delay Events: Total count of events classified as with 'Major Delay'. An event has a major delay when the difference between the Actual and Expected dates in the Arrival to Destination event exceeds four weeks.
- Number of Slight Delay Events: Total count of events classified as with 'Slight Delay'. An event has a slight delay when the difference between the Actual and Expected dates in the Arrival to Destination event ranges two and four weeks.
- Number of Damages, Delays, Losses or Other Event: Total count of events of type damage, delay, loss or other (event codes 'DAMAGE', 'ZDAMAGE', 'DELAY', 'DELAYED', 'DELAYED_FU', 'ZLOSS', 'LOSS', or 'ZOTHER')
- Number of Freight Orders with Damages: Total count of Freight Order documents with event codes 'DAMAGE' or 'ZDAMAGE'



- Number of Freight Orders with Damages, Delays, Losses or Other Events: Total count of Freight Order documents with event codes 'DAMAGE', 'ZDAMAGE', 'DELAY', 'DELAYED', 'DELAYED_FU', 'ZLOSS', 'LOSS', or 'ZOTHER')
- Number of Freight Orders with Losses: Total count of Freight Order documents with event code 'ZLOSS' or 'LOSS'.
- Number of Freight Orders with Other Events: Total count of Freight Order documents with event code 'ZOTHER'.
- Number of Freight Orders with Major Delay: Total count of Freight Order documents exceeding four weeks between expected and actual dates in the Arrival to Destination event.
- Number of Freight Orders with Slight Delay: Total count of Freight Order documents with a delay between expected and actual dates in the Arrival to Destination event of two and four weeks.
- FO Lead Time in Days (Handover to Arrival): Days between date of Handover Documentation event (code ZHANDOVER_DOC) and date of Arrival to Destination event (code ARRIV_DEST) in each Freight Order. In the case where several instances of same event could occur the calculation takes first handover documentation and last arrival to destination event.
- DTR/FWO Lead Time in Days (Handover to Arrival): Days between date of Handover Documentation event (code ZHANDOVER_DOC) in the first Freight Order linked to the DTR/FWO and the date of Arrival to Destination event (code ARRIV_DEST) of the last Freight Order in the shipment cycle. In the case where several instances of same event occur, the calculation is based on submission of first "Handover Documentation" event and last "Arrival to Destination" event.



- FO Number of Consignees: Total count of distinct consignees.
- FO Number of Documents: Total count of Freight Order documents
- FO Number of Shippers: Total count of distinct Shippers.
- Number of First DTR/FWO: Total count of distinct Delivery Based Transportation Requirements or Forwarding Order documents linked to the Freight Order. If a Freight Order is linked to several DTRs or FWOs the calculation will only count the first one.
- Characteristics:



- DTR/FWO Document Category: It is the DTR/FWO document category identifier.
- DTR/FWO Document Category Description: The description of the document category

Document Category	Description
02	Delivery-Based Transportation Requirement
03	Forwarding Order

- DTR/FWO Document Type: The document type identifier
- DTR/FWO Document Type Description: The document type description.

Document Type	Description
ZD01	DTR for UNOE
ZD02	DTR for STO
ZFW1	Forwarding Order for COE
ZFW2	Forwarding Order for COE Troops
ZFW3	Forwarding Order for Troops Land and Sea
ZFW4	Forwarding Order for Wide Body (LTC)

- DTR/FWO First Document: First Delivery Transport Requirement or Forwarding Order linked to the Freight Order events
- DTR/FWO Last Document: Last Delivery Transport Requirement or Forwarding Order linked to the Freight Order events

Transportation Mode	Description
01	Road
02	Rail
03	Sea
04	Inland Waterway
05	Air

DTR/FWO Transportation Mode: The shipping transportation mode

- DTR/FWO Transportation Mode Description
- Difference between Planned and Actual Date in Days: Number of days between the date when the event occurred (Reported Date and Time) and when it was planned (Expected Date and Time).
- Difference between Planned and Actual Date in Hours: Number of hours between the date when the event occurred (Reported Date and Time) and when it was planned (Expected Date and Time).
- FO Arrival Date: Arrival date of the Freight Order
- FO Arrival Date Month
- FO Arrival Date Quarter
- FO Arrival Date Year



- FO Carrier: Freight forwarder identifier
- FO Carrier Description: Freight forwarder name
- FO Consignee: Plant identifier
- FO Consignee Description: Plant description
- FO Created By
- FO Created on
- FO Departure Date: Departure of the Freight Order
- FO Departure Date Month
- FO Departure Date Quarter
- FO Departure Date Year
- FO Destination Location Description
- FO Document
- FO Document (with leading zeros)
- FO Execution Status: It is the Freight Order execution status identifier
- FO Execution Status Description: The execution status description

Execution Status	Description
01	Not Relevant
02	Not Started
03	In Execution
04	Executed
05	Interrupted
06	Canceled
07	Ready for Transportation Execution
08	Not Ready for Transportation Execution
09	Loading in Process
10	Capacity Planning Finished

- FO Life Cycle Status: It is the Freight Order life cycle status identifier.
- FO Life Cycle Status Description: The life cycle status description

Life Cycle Status	Description						
00	Draft						
01	New						
02	In Process						
05	Completed						
10	Canceled						

• **FO Planning Group:** It is the Freight Order Planning and Execution Group. For example:

Planning Group	Description						
50000633	Planning & Execution Field Supp						
50000662	Planning & Execution Vehicles						



- FO Planning Group Description
- FO Purchasing Group
- FO Purchasing Group Description
- FO Shipper: Vendor identifier
- FO Shipper Description: Vendor name
- FO Source Location Description
- FO Subcontracting Status: It is the Subcontracting status identifier
- FO Subcontracting Status Description: The subcontracting status description

Subcontracting Status	Description					
01	No Subcontracting Result					
02	In Tendering					
03	Carrier Assigned					
04	Sent					
05	Changed After Sending					

- FO Transportation Mode: It is the transportation mode identifier
- FO Transportation Mode Description

Transportation Mode	Description							
01	Road							
02	Rail							
03	Sea							
04	Inland Waterway							
05	Air							
06	Parcel							
UN	Multiple Mode							

- FU First Document: Only first and last Freight Unit documents are provided. The measures provide accurate summaries pivoting at freight order level
- FU Last Document

Note that any Measure or Characteristic can be added dynamically to the Rows, Columns or Background sections:

Transportation Management BI Report Freight Order - Events



Home Documents Freight Orders - Events P 😐 😳																	
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×	111 Columns		Measures														
dw.model.model.data.selo.tm/TH_FACT_ENDTOEND_EVENTS_SUBI -	T Messures	FO Carrier Description	FO Number of Documents	Number of Freight Orders with Damages, Delays, Losses or Other Events	% of Freight Orders with Damages Delays,	Number of Freight Orders with Slight Delay	% of Freight Orders with Slight Delay	Number of Freight Orders with Major Delay	% of Freight Orders with Major Delay	Number of Freight Orders with Damages	% of Freight Orders with Damage	Number of Freight Orders with Losses	% of Freight Orders with Losses	Number of Freight Orders with Other Events	% of Freight Orders with Other Events	Delay in Days for Arrival at Destination	Average Delay in Days for Arrival at Destination by FO
現 出 学 生-	Rows			Other Events	Other												
@ DTR/PWO Document Type Description A	FO Carrier Description > FO Carrier Description				Events												
III 🍘 DTR/FWO First Document																	
H G DTR/FWO Last Document		-	193	17	8 92.7	1%	0 0.	0% 17	8 92.75	6	0 0.05	6	0 0.0	/%	0 0.05	89,957.5	8 468.
B @ DTR/FWO Transportation Mode		A To Z SERVICES (Lebanon)	3.	3	93.8	1%	0 0.	0% 3	93.81	6	0.01	6	0 0.0	1%	0 0.05	6 11,015.7	1 344.
H G DIRVEWU Intersportation Mode Description		A.M. DABBOUS		1	4 80.0	1%	0 0.	0%	4 80.05	6	0.01	6	0 0.0	1%	0 0.01	6 1,346.9	0 269.
E (\$ 50 Anival Date Meeth		AIRCRAFT MAINTENANCE SUPPORT SERV			1 50.0	1%	0 0.	0%	1 50.05	6	0 0.05	6	0 0.0	1%	0 0.05	6 250.8	5 125.
R (* 50 Anival Date Planter		Copenhagen Global A/S			1 100.0	196	0 0.	0%	1 100.05	5	0 0.05	6	0.0	196	1 100.09	5 752.5	4 752.
E 🔅 FO Arrival Date Year		Dummy Carrier	92	84	3 91.3	1% 3	7 4.	0% 80	6 87.39	6	4 0.45	6	1 0.7	1%	1 0.19	6 227,587.1	1 246.
H (% FO Carrier		ECA	1		2 10.5	1%	1 5.	3%	1 5.39	5	0.01	6	0.0	1%	0.01	6 159.1	9 8.
B (a FO Carrier Description		I & C INTERNATIONAL CONSULTING S.R.J			4 44.4	1%	0 0.	0%	4 44.45	5	0 0.05	6	0.0	1%	0.0	6 807.0	4 89.
E m FO Consignee		International Armoured Group FZE			7 100.0	156	6 85.	7%	1 14.35	5	0 0.05	6	0.0.0	1%	0.05	395.2	4 56.
E m FO Consignee Description		J.A.S. Jet Air Service SPA	13	5	9 47.9	46	2 1.	4% 5	7 41.05		1 0.75	6	1 0.1	146	0 0.05	5.523.1	8 39
🗄 🎲 FO Created By		JAS PROJECTS S.P.A.			50.0	16	0 0	0%	50.05		0 0.05		0 01	15	0 0.05	135 1	8 33
H 🏀 FO Created on		Kathmandu		1	2 100.0		0 0.	016	2 100.00		0 0.05		0 01	100	0 0.01	4 1 1 2 1 0	9 377
🗄 🎼 FO Departure Date		MANITOU BE									0 0.01					13.334.7	377.
🗄 🍘 FO Departure Date Month		Nissan Trading Co. 1td	3.		0 90.2	.74	0 0.	0% 5	5 90.55		0 0.05		1 1.0	.74	1 1.07	. 15,228.7	3 252.
🗟 🎲 FO Departure Date Quarter		BU OF AFCHANISTAN TO UN OFFICE IN A	6.	,	6 90.3	74	0 0.	0% 5	6 90.35		0 0.05		0.0.0	.74	0 0.05	8,227.0	4 132.
🗷 🍅 FO Departure Date Year					1 100.0	176	0 0.	0%	1 100.05	•	0 0.04		0 0.0	74	0 0.05	\$ 373.9	5 373.
(a) FO Destination Location Description					1 100.0	76	0 0.	0%	1 100.05	•	0 0.04		0 0.0	.75	0 0.09	127.8	9 127.
I to FO Document		PHIOF FED. DEMOC. REP. OF NEPAL TO C		1	6 100.0	196	0 0.	0%	6 100.09	•	0 0.05	4	0 0.0	-%	0 0.05	972.4	5 162.
III 🎲 FO Execution Status		PM OF THE REPUBLIC OF GUINEA TO THE	10	4	6 45.5	1%	4 4.	0% 4	2 41.69	•	0 0.05	6	0 0.0	.66	0 0.05	4,881.2	5 48.
FO Execution Status Description		SUPPLIER JORDAN COE			2 100.0	196	0 0.	0%	2 100.05	6	0 0.05	6	0 0.0	7%	0 0.05	6 821.3	4 410.
H 🚳 FO Incoterm		Scan Global Logistics A/S	1		1 100.0	1%	0 0.	0%	1 100.09	6	0 0.05	6	0 0.0	2%	0 0.09	6 157.0	8 157.
H G FO Incoterm Description		Test Carrier	91	9	93.8	1%	0 0.	0% 8	7 90.69	6 1	0 10.45	6	8 8.3	1%	3 3.19	\$ 38,314.2	3 399.
El Grande Cycle Status		Toyota Motor Corporation (Japan)	95	8	1 88.0	1%	0 0.	0% 8	1 88.05	•	0 0.05	6	0 0.0	1%	0 0.05	6 22,148.7	6 240.
H (g PO Dire Cycle status Description		UN Mission Rep. of South Sudan			1 100.0	156	0 0.	0%	1 100.05	6	0 0.05	6	0 0.0	156	0 0.05	31.9	7 31.
E C Durchwing Group	• •	UNDP-MEXICO	1	1	3 100.0	1%	0 0.	0% 1	3 100.05	6	0 0.05	6	0.0	1%	0 0.05	6 7,095.1	8 545.
8 6 FO Purchasing Group Description	The Background	Total Result	1,765	1,48	8 84.1	% 5	0 2.6	3% 1,43	4 81.1%	6 1	5 0.9%	6 1	1 0.6	96	6 0.3%	435,442.	3 246.:
E the FO Shipper	N																
🗄 🍘 FO Shipper Description																	
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🛞 🍘 FO Subcontracting Status Description																	
🗉 🍲 FO Transportation Mode																	
FO Transportation Mode Description																	
🗟 🍘 FU First Document		4 F	•														
Billing TV-Lost Desument		Charts Charts : Charts	1 0														

The report contains one tab:

Columns Section

It provides the following **Measures**:

- FO Number of Documents: Counter of Freight Order (FO) documents.
- Number of Freight Orders with Damages, Delays, Losses or Other Events: Counter of Freight Order documents with event codes 'DAMAGE','ZDAMAGE','DELAY','DELAYED','DELAYED_FU','ZLOSS', 'LOSS', or 'ZOTHER')
- % of Freight Orders with Damages, Delays, Losses or Other Events: The percentage of freight orders with at least one event of type 'Damage', 'Delay', 'Loss' or 'Other Events' over the total number of freight orders. Formula applied: 'Number of Freight Orders with Damages, Delays, Losses or Other Events' / 'Number of Freight Orders'*100. If a freight order has more than one of these types of events it will be counted once.
- Number of Freight Orders with Slight Delay: Number of Freight Order documents with a delay between 2 and 4 weeks
- % of Freight Orders with Slight Delay: The percentage of freight orders with a delay of two and four weeks between the Actual and Estimated date in the Arrival to Destination Event. If the actual date is yet to occur the difference is calculated between the Estimated date and the date when the report is refreshed.
- Number of Freight Orders with Major Delay: Number of Freight Order documents with a delay greater than 4 weeks
- % of Freight Orders with Major Delay: The percentage of freight orders exceeding 4 weeks between Actual and Estimated date in the Arrival



to Destination Event. If the actual date is yet to occur, the difference is calculated between the Estimated date and the date when the report is refreshed.

- Number of Freight Orders with Damages: Number of Freight Order documents with event codes 'DAMAGE' or 'ZDAMAGE'
- % of Freight Orders with Damage: The percentage of freight orders having an event of type damage over the total number of freight orders. Formula applied: 'Number of Freight Orders with Damages' / 'Number of Freight Orders'*100
- Number of Freight Orders with Losses: Number of Freight Order documents with event codes 'ZLOSS' or 'LOSS'
- % of Freight Orders with Losses: The percentage of freight orders having an event of type Loss over the total number of freight orders. Formula applied: 'Number of Freight Orders with Losses' / 'Number of Freight Orders'*100
- Number of Freight Orders with Other Events: Number of Freight Order documents with event code 'ZOTHERS'
- % of Freight Orders with Other Events: The percentage of freight orders with an event of type 'Other' (code ZOTHERS) over the total number of freight orders. Formula applied: 'Number of Freight Orders with Other Events' / 'Number of Freight Orders'*100
- Delay in Days for Arrival at Destination: Time delay in days when the event code is 'ARRIV_DEST'. It indicates the total summation of days calculated as the difference between Estimated and Actual dates of Arrival to Destination event for each Freight Order.
- Average Delay in Days for Arrival at Destination by FO: Average delay in days per Freight Order document. Formula applied: 'Delay in Days for Arrival at Destination' / FO Number of Documents'
- FO Lead Time in Days (Handover to Arrival): Difference between Earliest Date of Handover Document and Latest Date of Arrival at Destination Events
- Average Lead Time by FO (Handover to Arrival): Average number of days of Lead Time per Freight Order document. Formula applied: 'FO Lead Time in Days (Handover to Arrival) '/'FO Number of Documents'
- DTR/FWO Lead Time in Days (Handover to Arrival): Difference between Earliest Date of Handover Document and Latest Date of Arrival at Destination Events at Delivery Transport Requirement or Forwarding Order level
- Average Lead Time by DTR/FWO (Handover to Arrival): Average number of days of Lead Time per DTR or FWO document. Formula applied: 'DTR/FWO Lead Time in Days (Handover to Arrival) '/'Number of First DTR/FWO'.



• Rows Section

The Rows Section contains the characteristics or dimension attributes. In this tab, it contains the *FO Carrier Description* as the default option to aggregate and visualize the measures.

• Background Filters

Background filters apply restriction of data to the entire Analysis, in this case there are no background filters applied by default.

Please refer to the next section Scope Determination to understand important concepts used in the background for the calculations.

Scope determination

The below **conditions** apply in the logic selected to retrieve the data for the report:

- The report selects all the Freight Orders Execution Events with no restrictions.

Additional Resources

NV301 Umoja Advanced BI Navigation guide: <u>https://umoja.un.org/sites/umoja.un.org/files/nv301-</u> <u>umoja advanced bi navigation cbt v9.pdf</u>