Predictive

"Grid" - Aggregates

This guide covers the **Aggregate** function within the SafetyNet Reporting Grid. **Aggregates** allow a user to group or combine SafetyNet data by selecting columns within the data Grid. An example of a specific use case for this would be the desire to determine what the total number of inspections were on a single report, for more than one region.

Ag·gre·gate (/'agrigit/)

Noun

Something formed by combining several elements.

Adjective

Formed or calculated by the combination of many separate units or items; total: "the aggregate amount of Observations made."

Covered Topics:

- Creating a An Aggregate
- Viewing Aggregates on a Group (Auditors)
- Viewing Aggregates on a Group (Projects)

Creating an Aggregate

To create an Aggregate, find & Click on the icon.



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Aggregate	Column	Text			
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				Column :	Obs Count 🗸
				Aggregate :	At-Risk Conditions
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optional placeholder text.					
Column : Ok	os Count	× A			
Angregate :	m	*		🕬 Create Aggregat	es for Groups
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Text (optional) :					Fick the Aggregate
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	Save				
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The following aggre aggregate by select	gates are applied for a ing row(s) and clickin	all groups. You can remove an g the Remove button.
Remove		
Aggregate	Column	Text
SUM	Obs Count	"@val Total Obs"
Create a new aggre pptional placeholder Column :	gate by selecting a co text. Obs Count	olumn, aggregate function and
Create a new aggre optional placeholder Column : Aggregate :	egate by selecting a co text. Obs Count Sum	olumn, aggregate function and
Create a new aggre optional placeholder Column : Aggregate : Text (optional) :	egate by selecting a co text. Obs Count Sum	olumn, aggregate function and

You can remove an Aggregate by selecting row(s) and clicking on the **Remove** button

You can add additional Aggregates to the groups by repeating the steps above. When you are finished, use the \boxtimes in the upper Right hand corner of the screen to close out the window.

To see the Aggregate, you must group data together within the grid.

System Date	Inspection Type	Project	Auditor	Safe Count	At-Risk Conditions	Obs Count
04/10/2013	Safety	pi	con full con full		11	2
04/10/2013	Safety	pi	Giant Construction Admin		11	2
04/10/2013	Safety	<u>Atomium</u>	Giant Construction Admin		0 0	0
04/09/2013	Safety	<u>Atomium</u>	Giant Construction Admin		05	5
04/08/2013	Safety	<u>Atomium</u>	Linh Dang		01	1
04/08/2013	Safety	рi	Giant Construction Admin		0 2	2
04/08/2013	Safety	<u>Atomium</u>	<u>Teresa Lutz</u>		01	1
04/08/2013	Safety	рi	Giant Construction Admin		23	5
04/08/2013	Safety	<u>Atomium</u>	Giant Construction Admin		1 2	3
04/08/2013	Safety	<u>Atomium</u>	Giant Construction Admin		10	1
04/08/2013	Safety	<u>aaa</u>	Giant Construction Admin		01	1
04/08/2013	Safety	<u>aaa</u>	Giant Construction Admin		01	1
04/08/2013	Safety	рi	Giant Construction Admin		01	1
04/08/2013	Safety	AB-001 ProjectA	Giant Construction Admin		01	1
04/08/2013	Safety	Atomium	Giant Construction Admin		47	11

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Group By Auditor

Right click on Auditor Column and select "Group by Auditor"

(or click on the Blue Arrow Austor to the right of the column label)

System Date	Inspection Type	Project	Auc	litor	Ŧ	afe Count	At-Risk Conditions	Obs Count
04/10/2013	Safety	pi	1	Sort Ascending			11	2
04/10/2013	Safety	pi		Sort Descending			1 1	2
04/10/2013	Safety	<u>Atomium</u>	•-	Configure Sort			0.0	0
04/09/2013	Safety	<u>Atomium</u>		Auto Et All Column			0 5	5
04/08/2013	Safety	<u>Atomium</u>		Auto Fit All Column	•		0 1	1
04/08/2013	Safety	рi		Auto Fit			0 2	2
04/08/2013	Safety	<u>Atomium</u>					0 1	1
04/08/2013	Safety	рi	EM	Columns	,		2 3	5
04/08/2013	Safety	<u>Atomium</u>					1 2	3
04/08/2013	Safety	<u>Atomium</u>	E=	Group by Auditor			10	1
04/08/2013	Safety	<u>aaa</u>					0 1	1
04/08/2013	Safety	<u>aaa</u>	본	Freeze Auditor			0 1	1
04/08/2013	Safety	рi					0 1	1
04/08/2013	Safety	AB-001 Proje	ectA fix	Add formula colum	n		0 1	1
04/08/2013	Safety	Atomium					4 7	11
			fax	Add summary colu	mn			
	04/10/2013 04/10/2013 04/10/2013 04/09/2013 04/08/2013 04/08/2013 04/08/2013 04/08/2013 04/08/2013 04/08/2013 04/08/2013 04/08/2013 04/08/2013 04/08/2013	04/10/2013 Safety 04/10/2013 Safety 04/10/2013 Safety 04/10/2013 Safety 04/09/2013 Safety 04/08/2013 Safety	Operation Appendix (r)(0) Operation 04/10/2013 Safety pi 04/10/2013 Safety Atomium 04/09/2013 Safety Atomium 04/09/2013 Safety Atomium 04/08/2013 Safety Atomium 04/08/2013 Safety pi 04/08/2013 Safety Atomium 04/08/2013 Safety Atomium 04/08/2013 Safety aaa 04/08/2013 Safety aaa 04/08/2013 Safety aaa 04/08/2013 Safety gi 04/08/2013 Safety gi 04/08/2013 Safety About 04/08/2013 Safety About 04/08/2013 Safety About 04/08/2013 Safety Abo	04/10/2013 Safety pi 04/10/2013 Safety pi 04/10/2013 Safety Atomium 04/09/2013 Safety Atomium 04/08/2013 Safety aaa 04/08/2013 Safety aaa 04/08/2013 Safety AB-001 ProjectA 04/08/2013 Safety Atomium	04/10/2013 Safety pi 04/10/2013 Safety pi 04/10/2013 Safety pi 04/10/2013 Safety Atomium 04/09/2013 Safety Atomium 04/08/2013 Safety Atomium 04/08/2013 Safety pi 04/08/2013 Safety Atomium 04/08/2013 Safety aaa 04/08/2013 Safety Abe-001 ProjectA fix Add formula colum 04/08/2013 Safety Atomium	04/10/2013 Safety pi 04/10/2013 Safety pi 04/10/2013 Safety pi 04/10/2013 Safety Atomium 04/09/2013 Safety Atomium 04/08/2013 Safety aaa 04/08/2013 Safety About ProjectA 04/08/2013 Safety About ProjectA	04/10/2013 Safety Pi 04/10/2013 Safety Pi 04/10/2013 Safety Atomium 04/09/2013 Safety Atomium 04/08/2013 Safety aaa 04/08/2013 Safety AB-001 ProjectA 04/08/2013 Safety Abover the	04/10/2013 Safety pi 04/10/2013 Safety pi 04/10/2013 Safety Atomium 04/09/2013 Safety Atomium 04/08/2013 Safety aaa 04/08/2013 Safety Abe-001 ProjectA fw Add formula column 01 04/08/2013 Safety Abomium 04/08/2013 Safety Abomium 04/08/

🛨 con full con full

Angela Bassett
 Construction Executive

System Date

Inspection Type

Giant Construction Admin Linh Dang Teresa Lutz Ann Wright Rose

Data is now grouped by Auditors

At-Risk Conditions Obs Count Inspection Type Auditor Safe Count System Date Project + con full con full Giant Construction Admin 2 04/10/2013 Safety 11 Giant Construction Admin еi 0 04/10/2013 Safety <u>Atomium</u> Giant Construction Admin 0.0 Click on the I to the 05 04/09/2013 Safety Atomium Giant Construction Admin 5 left of the label to 2 Giant Construction Admin 04/08/2013 Safety рi 02 open up a group 04/08/2013 Safety Giant Construction Admin 23 5 рi (Giant Construction Admin 04/08/2013 Safety Giant Construction Admin 12 з Atomium for this example) 04/08/2013 Safety 10 Atomium Giant Construction Admin 1 04/08/2013 Safety aaa Giant Construction Admin 01 1 04/08/2013 Safety Giant Construction Admin 01 1 aaa 01 04/08/2013 Safety Giant Construction Admin 1 рi SafetyNet data will 04/08/2013 Safety AB-001 ProjectA Giant Construction Admin 01 1 appear below the 04/08/2013 Safety Giant Construction Admin 47 11 Atomium selected group & the 04/08/2013 Safety 70 7 1000 de La Gauchetière Giant Construction Admin 04/08/2013 Safety 1000 de La Gauchetière Giant Construction Admin 10 1 Aggregate value(s) 04/08/2013 Safety 01 Atomium Giant Construction Admin will appear at the 04/08/2013 Safety еi Giant Construction Admin 5.0 5 end of the list. 04/07/2013 Safety <u>Atomium</u> Giant Construction Admin 02 2 04/07/2013 Safety Giant Construction Admin 11 2 рi 0.1 04/07/2013 Safety рi Giant Construction Admin 1 04/07/2013 Safety Giant Construction Admin 02 2 рi observations Total 04/07/2013 Safety Giant Construction Admin 20 2 рi are shown here ... 04/08/2013 Safety 01 <u>Atomium</u> Giant Construction Admin 1 57 Total Obs

🛨 Linh Dang

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Group by Project:	System Date	Inspection Type	Project		1i	Sort Ascending	afe Count	At-Risk Conditions	Obs Count
	04/10/2013	Safety	pi	c	17	Sort Descending		11	2
Right click on	04/10/2013	Safety	pi	5		Configure Sort		1.1	2
'Project' Column: (or	04/10/2013	Safety	Atomium	5		Auto Fit All Columns		0.0	0
click on the Plue	04/09/2013	Safety	Atomium	2		Auto Fit		05	5
click on the Blue	04/08/2013	Safety	Atomium	Ŀ			- 11	01	1
Arrow to the right of	04/08/2013	Safety	pi	Ś		Columns	F .	0 2	2
the column label):	04/08/2013	Safety	<u>Atomium</u>	3			- 11	0 1	1
	04/08/2013	Safety	pi	<u>c</u>	-	Group by Project		2 3	5
	04/08/2013	Safety	<u>Atomium</u>	4	<u>.</u>	Ungroup		1 2	3
	04/08/2013	Safety	<u>Atomium</u>	5	_		- 11	10	1
	04/08/2013	Safety	<u>aaa</u>	2	Ħ	Freeze Project		0 1	1
	04/08/2013	Safety	<u>aaa</u>	5	_	• • • • • • • • • • • • • • • • • • •	- 11	0 1	1
Choose "Group by	04/08/2013	Safety	pi	5	fœ	Add formula column		0 1	1
Project"	04/08/2013	Safety	AB-001 ProjectA	2				0 1	1
Toject	04/08/2013	Safety	<u>Atomium</u>	Ś	fœ	Add summary column		4 7	11

Open up The Atomium Project group:

∃ pj					
a					
🛨 Atomium					
🛨 AB-001 Projec	A				

Scroll down to see the Group's Aggregate value(s).

System Date	Inspection Type	Project	Auditor	Safe Count	At-Risk Conditions	Obs Count
pj						
Atomium						
04/08/2013	3 Safety	<u>Atomium</u>	<u>Linh Dang</u>		01	1
04/09/2013) Safety	<u>Atomium</u>	Giant Construction Admin		05	5
04/10/2013	3 Safety	<u>Atomium</u>	Giant Construction Admin		0 0	0
09/14/2012	? Safety	<u>Atomium</u>	Construction Executive		0 101	101
09/14/2012	? Safety	<u>Atomium</u>	<u>scott colarossi</u>		0 101	101
04/08/2013) Safety	<u>Atomium</u>	Giant Construction Admin		01	1
09/14/2012	? Safety	<u>Atomium</u>	<u>Angela Bassett</u>		0 103	103
04/09/2013) Safety	<u>Atomium</u>	Ann Wright Rose		21	3
04/09/2013	3 Safety	<u>Atomium</u>	Ann Wright Rose		21	3
04/09/2013) Safety	<u>Atomium</u>	Ann Wright Rose		20	2
04/07/2013	3 Safety	<u>Atomium</u>	Giant Construction Admin		0 2	2
04/08/2013	3 Safety	<u>Atomium</u>	Giant Construction Admin		0 1	1
04/08/2013	3 Safety	<u>Atomium</u>	Giant Construction Admin		4 7	11
04/08/2013	3 Safety	<u>Atomium</u>	Giant Construction Admin		10	1
04/08/2013	3 Safety	<u>Atomium</u>	Giant Construction Admin		1 2	3
04/08/2013	3 Safety	<u>Atomium</u>	<u>Teresa Lutz</u>		01	1
						339 Total Obs

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