

## Validations in Webforms

Data entered is checked against a set of rules and errors are displayed to the user. There are 2 levels of errors:

- Basic: The error must either be corrected or a justification must be written. Typical 'Basic' errors are Totals which might not sum-up to the detailed data but have to be accepted as is. If the user decides to accept the error he has to write a justification why.
- Critical: The error must be corrected. Typical 'Critical' errors are for instance 'Mandatory fields': Either a value has to be entered or the field has to be flagged as 'M' with a written justification like in a 'Basic' error.

Both errors prevent an 'Official Transfer' of the Webforms, but the data may always be saved for later correction.

### Hints:

Errors are displayed in the 'Error list' and the corresponding fields are highlighted in LIGHT RED for 'Critical' and in 'DARK BLUE' for 'Basic'. Clicking on any error in the list sets the cursor directly to the field in error.

Unfortunately Webforms is not able for the time being to show differences in calculated versus entered Totals.

The decimal separator is the 'Point'(.), there is NO separator for thousands: '130,000' will pop-up an 'invalid' message and '130.000' will be stored as '130'.

Decimal figures entered are displayed rounded to the unit specified at the top of the forms, but data storage and calculations are always done with a precision of up to 5 decimals. This is especially important to consider for totals calculated and checked. Best practice is to stick to the specified unit to avoid any trouble.

When opening an empty Webforms all possible 'Basic' and 'Critical' errors for 'Mandatory Fields' are displayed at once and disappear progressively during data entry whereas errors messages for voluntary fields appear only if the data entered into the field generates an error. This is unfortunately due to how Webforms is implemented.

For instance a 'Critical' error for a 'Mandatory Field' disappears as soon as you have entered a valid figure into that field and a 'Basic' error disappears the same way when the rule governing the field is deemed valid.

As a rule of thumb, just enter all your data and then check for remaining errors. Errors may only disappear when all fields related are valid due to interdependencies between fields which are verified only at a later stage in the entry process.

If your data is stored in exact the same layout in Excel as in Webforms you may 'copy and paste' all your data directly into Webforms.

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### Table one: Materials from de-pollution and dismantling of end-of-life vehicles arising in the Member State and treated within the Member State

Unit = Tonnes

Dataset: WASTE\_ELVTEST\_A Country: WL Reference period: 2015 Status: Draft

	A	B	C	D	E	F	G	H	I	J	K
0		2015-Annual									
1		Reuse(A)	Recycling(B1)	Energy recovery(C1)	Total recovery(D1=B1+C1)	Disposal(E1)					
2	Batteries										
3	Liquids (excl.fuel)										
4	Oil filters										
5	Other materials arising from de-pollution (excl.fuel)										
6	Catalysts										
7	Metal components										
8	Tyres										
9	Large plastic parts										
10	Glass										
11	Other materials arising from dismantling										
12	Total										

Fields with 'Critical' errors are displayed in Red

Fields with 'Basic' Errors are displayed in Dark Blue

LIGHT BLUE indicates that the provision of data is voluntary.

Special Values for Waste Statistics

Table\_one Table\_two Table\_three Table\_four

Column B Row 12

Critical: You have to correct this error otherwise you will not be able to transmit the Webforms

Basic: You have to correct this error or give a justification why you accept this error otherwise you will not be able to transmit the Webforms

Click on the error to go directly to the field in error

#### Error List

**Reference:** Field where the error occurred

**Rule:** What kind of error occurred

**Level:** Seriousness of the error

**Justification:** Field where you may enter a justification for the error, just start typing in your justification

Reference	Rule	Level	Justification
Table_one!B1	Field is mandatory	Critical	
Table_one!B12	Total Reuse should be the sum of B2 to B11	Basic	
Table_one!B12	Please Justify why this value is missing	Basic	
Table_one!D12	Field is mandatory	Critical	
Table_one!D12	Total Recycling should be the sum of D2 to D11	Basic	

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### Example of a filled Webforms

#### Table one: Materials from de-pollution and dismantling of end-of-life vehicles arising in the Member State and treated within the Member State

Unit = Tonnes

Dataset: WASTE\_ELVTEST\_A Country: WL Reference period: 2014 Status: Draft

	A	B	C	D	E	F	G	H	I	J	K
0		2014-Jahres									
1		Reuse(A)		Recycling(B1)		Energy recovery(C1)		Total recovery(D1=B1+C1)		Disposal(E1)	
2	Batteries	454		14011		0		14011		106	
3	Liquids (excl.fuel)	281		5251		1693		6944		1892	
4	Oil filters	2		151		65		216		11	
5	Other materials arising from de-pollution (excl.fuel)	7		32		95		127		7	
6	Catalysts	157		2570		0		2570		18	
7	Metal components	40805		30701		0		30701		32	
8	Tyres	2423		23330		0		23330		442	
9	Large plastic parts	958		1384		0		1384		2	
10	Glass	502		2292		0		2292		18	
11	Other materials arising from dismantling	11038		301		1546		1847		6	
12	Total	56627		80023		3399		83422		2593	

LIGHT BLUE indicates that the provision of data is voluntary.

Special Values for Waste Statistics

Table\_one Table\_two Table\_three Table\_four

J9

For table\_one there is one 'basic' error remaining which in this case has been justified

Reference	Rule	Severity	Justification	M
Table_one!J12	Total Disposal should be the sum of J2 to J11	Basic	This is a justification	...
Table_two!B2	Field is mandatory	Critical		...
Table_two!B2	Please justify why the value is Missing	Basic		...

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