


## 03 - Common UI requirements



Project	CbC Reporting Tool
CustomProject	
Priority	UNKNOWN
Timeline	
Target release	
Epic	 <b>CBC-1</b> - Basic implementation webapplication (TPmanager integrated) <a href="#">OPEN</a>
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## Appearance changes for common UI elements.

In general, the appearance of UI elements should stay the same as the current TPmanager. The following table lists the differences and additions (in case an element doesn't currently exist in TPmanager):

Illustration	Description
	Sub-navigation items have icons. See <a href="#">Section 0 - CbC reporting navigation</a> and "home" screen for details.
	All closed dropdowns have the selected value in red (#CC0232), bold, Arial text; 3px corner radius.

<div style="display: flex; align-items: center;"> <span style="font-size: 1.2em; font-weight: bold; margin-right: 10px;">Chart type</span> <div style="display: flex; gap: 10px;"> <div style="border: 1px solid #ccc; padding: 5px 15px; border-radius: 3px;">Scatter Dot</div> <div style="border: 1px solid #ccc; padding: 5px 15px; border-radius: 3px; color: red; font-weight: bold;">Bar</div> </div> </div>	<p><b>View / chart type toggle.</b> This control is <b>new</b>. Style:</p> <ul style="list-style-type: none"> <li>• Leftmost and rightmost options have two exposed corners rounded at 3px corner radius.</li> <li>• Selected option: Arial, red (#CC0232), bold text on white background.</li> <li>• Unselected option(s): Arial, #666666.</li> </ul>
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## Common filters.

Title	Description
Reporting period dropdown	<div style="border: 1px solid #ccc; padding: 10px; margin-bottom: 10px;"> <span style="font-size: 1.2em; font-weight: bold;">Reporting period:</span> <div style="border: 1px solid #ccc; padding: 2px 10px; display: inline-block; margin-left: 10px;"> <span style="font-size: 1.2em; color: red; font-weight: bold;">2014</span> <span style="font-size: 0.8em; vertical-align: middle;">▼</span> </div> </div> <p>The reporting period dropdown should have the same behavior as in regular TPmanager. Selected dropdown item text color can be either red or grey (TPmanager standard).</p>

## All grids

In general, grid appearance should be the same as the current TPmanager grids.

## Calculation rules (added on 12.02.2016)

Title	Description
Division by zero or null	Division by 0 or "null" should calculate to 0 and not result in error.

## All charts

Title	Description	Added
Negative values	<p>All charts should be able to display negative values.</p> <p>In some cases, negative values should be converted to positive (modulus) in order for chart output elements (i.e. bubbles) to render properly. These cases are documented per chart.</p>	12.02.2016
Number rounding rules	<p>Unless specifically noted <b>all numbers</b> in charts should be rounded as follows:</p> <ul style="list-style-type: none"> <li>• Round currency amounts to two decimals as follows: 0,00 ... 999,99; 1,00k ... 999,99k; 1,00M ... 999,99M.</li> </ul> <p>Examples:</p> <ul style="list-style-type: none"> <li>• 1409 --&gt; 1,41k</li> <li>• 999446 --&gt; 999,45k</li> <li>• 999995 --&gt; 1,00M</li> <li>• Round percentages (%) to two decimals (i.e. 7,65%)</li> </ul> <p><b>Note:</b> HighCharts may automatically "choose" to round numbers slightly differently from above. For example, 791394 --&gt; 0,79M (not 791,39k). That's OK.</p>	
Base font	13px Arial, #666666.	

Chart title	Text: 25px, Arial, bold, #666666. Padding: 20px on all sides. Horizontal alignment: center.	
Axis tick labels	Automatic positioning/rotation. Do not include units (i.e. "€", "%", etc.), only numbers.	
Axis labels	Base font + bold.	
Chart legend	Chart legend should be <b>clickable</b> . It should be possible to show/hide data series. Tooltips should display correctly for any combination of data series.	
Bar chart axis label	None, unless otherwise specified.	
Bar charts sort order	Data in bar charts should always be sorted from largest to smallest value. Zero values should be sorted according to basic/arithmetic rules: bars with zero value should be placed below bars with positive values and above bars with negative values.	23.02.2016
Bar chart bars	For <b>single series</b> bar charts: <ul style="list-style-type: none"> <li>• Bars: #AAAAAA</li> <li>• onMouseOver: #CC0232 (red)</li> </ul> For <b>two-series</b> charts: <ul style="list-style-type: none"> <li>• Light grey bar: #CCCCCC</li> <li>• Light grey bar onMouseOver: #999999</li> <li>• Dark grey bar: #666666</li> <li>• Dark grey bar onMouseOver: #333333</li> <li>• Bar background highlight (onMouseOver): AEAEAE</li> </ul>	
Tooltip text, bubble charts	Arial, 12px, #333333	
Chart panel	From class = "well": background-color: #f5f5f5; border: 1px solid #e3e3e3; border-radius: 4px;	
Chart panel sizing	<b>Panel height</b> , minimum: min-height: 690px. This is the height that's optimized to display ten countries. This way when two panels are displayed side by side they will have the same height when 10 countries are viewed.  Panels should get taller if more height is required by the chart container. When two panels are displayed side by side each should grow past 690px individually  <b>Panel width</b> . The panels that contain the charts should dynamically resize based on the available screen space: they should take the full available width and height of the screen. As the browser window is made smaller, the panels should become smaller until width of 1366px is reached. Beyond this point the panels should not get any smaller, but force sideways scrolling.  When two panels are displayed side by side ("EBT", "Operating Margin", "Margin Check" sections), each panel should take up 50% of the screen <b>width</b> .	
Chart sizing	The charts themselves should take advantage of the entire container panel's space: they should be sized to dynamically fill the entire height and width of the panel.	

Sample chart data (.xlsx):



20150707\_Daten...gänzungen.xlsx