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Subject: Re: maximum number of bins/categories for bar charts

Posted by [nbehrnd](#) on Sat, 07 Jan 2023 19:45:11 GMT

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Dear Greg,

I think the maximum number of bins the bar chart is capable to display equates to 100,\* which is less than the binning algorithm is capable to generate and simultaneously, which is less than the interactive preview (Data -> Add Bins from Numbers) apparently can visualize when adjusting the slide rules.

This suggests the addition of a display, or/and a dial about the number of bins created; a bit similar to what the generation of histograms with e.g. Origin implements.[1] Perhaps complemented with a note to the user («Danger, Will Robinson») if the number of bins computed reached, or exceeds the critical threshold of bins the bar chart still is capable to visualize.

Norwid

[1] <https://www.originlab.com/doc/en/Origin-Help/PD-Dialog-Data-Tab>

\* I had a 5k set at hand, and iteratively progressed by division by 2, rounded to integers somewhat easier to recall. By this approach, 100 bins passed, and 150 bins were too many.