



# Count Appula

by Intelligent Gadgets

“I Like to Count (and Plot)”

Count Appula counts and plots items in user-selected tables. Several tables are provided for simple tasks, which also serve as examples that the user can modify for their own purposes.

## **How to use the app:**

Choose a table to begin. Move the picker wheel to the table you wish to use and tap CHOOSE in the second row of control buttons.

A different picker appears that contains items in the table that can be counted. Tap ADD to add to the count and SUBTRACT to subtract from the count. The current count is displayed at the bottom.

Notice the top middle tab COUNT is highlighted. Count Appula has three control modes: TABLE, COUNT, and PLOT.

The app starts in TABLE mode. After choosing a table you can go back to TABLE mode to clear the data in a table (tap CLEAR). This operation cannot be undone. You can also email the data in a table (tap EMAIL).

Tap COUNT to count something. Move the picker wheel to the item you wish to count and tap ADD or SUBTRACT. Some tables have pre-assigned increments that add to the total when you tap ADD and subtract from the total when you type SUBTRACT. Other tables require you to enter a value.

Tables store one year's worth of data. Tap PLOT to plot the items in the current table. Notice one or more additional items appear **in bold** at the bottom of the list of items in the picker wheel. These are category items that are subtotals across some or all of the items in the table.

Notice the control bar that appears in Plot mode. It contains five buttons: RED, GREEN, and BLUE (plot color buttons), COUNT/ACCUM, and WEEK/MONTH/YEAR.

To plot an item, select the item in the picker and tap one of the plot color buttons. A plot of that item will be displayed over a period of either one week, one month

(defined here as 4 weeks), or one year (defined as 52 weeks). Select another item using the picker and tap a different color to display that item.

Tap WEEK/MONTH/YEAR to change the plot interval. Tapping COUNT/ACCUM changes from plotting the count to a plot of accumulated values over the selected period of time. Notice plots go from right to left, where today's value is the rightmost value.

### **Creating your own tables:**

You need to use your computer to modify or create tables. Tables (.txt files) and count data (.bin files) are stored in the app's document directory. To access the document directory connect your device to your computer and open iTunes. Select the device and tap its "Apps" tab. File Sharing appears at the bottom (you might have to scroll down to see it). Select Count Appula to see the contents of the documents directory on the right.

The .txt files define the structure of the data. The .bin files contain the actual data that are entered. The .bin files are not readable outside of the app. Drag the .txt file corresponding to the table you wish to edit to your computer and open it using Excel, Word, BBEdit, Text

Edit, or some other program for editing text. The table contains one row for each item of data that can be counted. Each row contains 5 tab-delimited fields:

- 1) the name of the item
- 2) a category name
- 3) an increment value, or zero if you want to enter a different amount in the app each time you tap ADD or SUBTRACT
- 4) the unit that is displayed; e.g., if you are counting distance the unit could be mile(s)
- 5) descriptive text that provides additional information or instruction for each item.

After you have defined your table, save it as a .txt file. Make sure it is saved as a plain text file (no format information) and is tab delimited. **YOU MUST ALSO USE A DIFFERENT NAME FOR THE TABLE.** Drag the table back to your device. When you launch the app it should be in the list of tables that appear.

Please contact us at:

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if you have any questions or to report problems.