

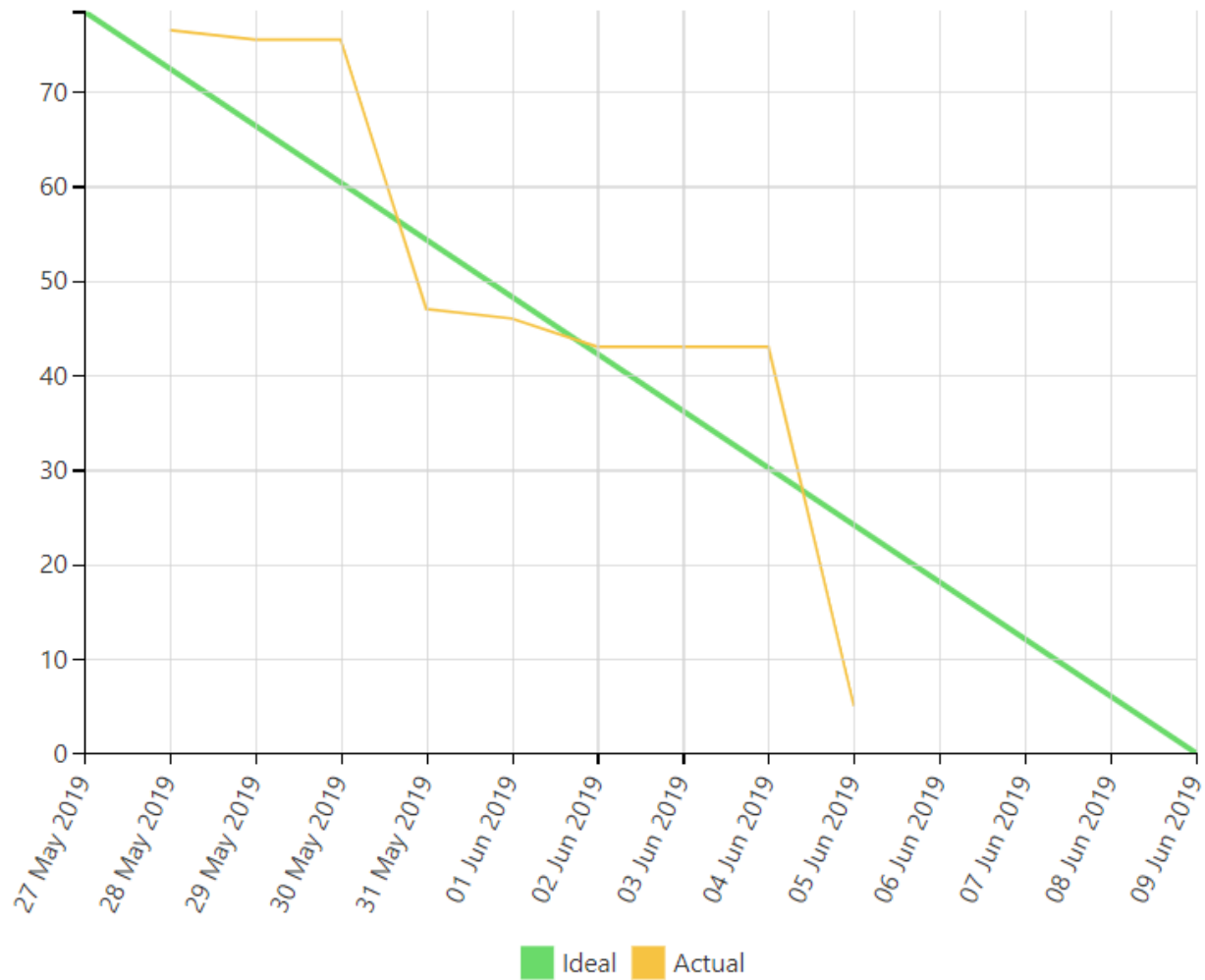
# Building a Burndown Chart

## Overview

The Source Table:

Key	T	Status	Sprint	Story Points	Resolved
ECS-100	↑	DONE	ECS Sprint 3	5.0	Jun 05, 2019
ECS-11	+	DONE	ECS Sprint 3	20.0	Jun 05, 2019
ECS-68	↑	DONE	ECS Sprint 3	8.0	May 31, 2019
ECS-34	↑	DONE	ECS Sprint 3	2.0	May 28, 2019
ECS-51	↑	DONE	ECS Sprint 3	0.5	May 31, 2019
ECS-26	↑	DONE	ECS Sprint 3	13.0	Jun 05, 2019
ECS-101	↑	DONE	ECS Sprint 3	0.5	Jun 01, 2019
ECS-91	↑	DONE	ECS Sprint 3	3.0	Jun 02, 2019
ECS-97	↑	DONE	ECS Sprint 3	20.0	May 31, 2019
ECS-65	↑	DONE	ECS Sprint 3	0.5	Jun 01, 2019
ECS-80	↑	DONE	ECS Sprint 3	1.0	May 29, 2019

The Result:



## Macro combination (the chart is based on two transformed pivot tables):

### Step 1. Configure Table1:

1. Insert the [Jira Issues](#) macro.
2. Wrap the Jira Issues macro in the [Table Filter](#) macro.
3. Wrap the Table Filter macro in the [Pivot Table](#) macro.
4. Insert the Jira issues macro with all the issues from the particular sprint (or use the [Table Excerpt](#) and [Table Excerpt Include](#) macros to reuse the filtered Jira Issues macro from Table2).
5. Wrap the Pivot Table macro and the Jira Issues macro in the [Table Transformer](#) macro.

### Step 2. Configure Table2:

1. Insert the [Jira Issues](#) macro (or use one Jira issues macro for both tables with the help of the [Table Excerpt](#) and [Table Excerpt Include](#) macros).

The screenshot shows a Jira dashboard with two tables, Table1 and Table2, configured using various macros. Table1 is a Pivot Table macro with the following configuration:   
 - Macro: Pivot Table  
 - Column: Resolved  
 - Aggregation: story points  
 - Type: Sum  
 - Sort: false  
 - Decimals: 0  
 - Table Filter: column = sprint, status = AND, separator = Point (.)  
 - Date pattern: yy-mm-dd  
 - Table Excerpt: name = issues  
 - Table Excerpt Include: name = All issues, type = ...  
 - Table Transformer: column = Resolved, aggregation = story points, type = Sum, sort = false, decimal separator = M dd...

Table2 is a Pivot Table macro with the following configuration:   
 - Macro: Pivot Table  
 - Column: Resolved  
 - Aggregation: story points  
 - Type: Sum  
 - Sort: false  
 - Decimals: 0  
 - Table Filter: column = sprint, status = AND, separator = Point (.)  
 - Date pattern: M dd, yy | default...  
 - Table Excerpt: name = All issues  
 - Table Excerpt Include: name = issues, type = this...

2. Wrap the Jira Issues macro in the [Table Filter](#) macro.
3. Wrap the Table Filter macro in the [Table Excerpt](#) macro to reuse this table in Table1.
4. Wrap the Table Filter macro in the [Pivot Table](#) macro.
5. Place the Pivot Table macro in a cell of a manually created table containing start and end dates of a sprint.

**Step 3. Wrap Table1 and Table2 in the [Chart from Table](#) macro.**

## Macro configuration:

**Step 1. Configure Table1:**

**Table Filter:**

<b>Filter Column</b>	Status	Sprint
<b>Filter Type</b>	Dropdown	Dropdown
<b>Filter Values</b>	Done	ECS Sprint 3

**Pivot Table:**

<b>Row Labels</b>	Resolved
<b>Column Labels</b>	-
<b>Calculated Column</b>	Story points
<b>Operation Type</b>	Sum

**Table Transformer:**

Use the following SQL query:

```
SELECT 'Resolved',
(SELECT SUM(T2.'story
points') FROM T2) - SUM
(TT2.'Sum of story
points') AS 'Actual'
FROM T1 AS TT1
JOIN T1 AS TT2 on
TT1.'Resolved' >=
TT2.'Resolved'
GROUP BY TT1.'Resolved'
ORDER BY TT1.'Resolved'
```

Or use this one if the [Cumulative count](#) option (available since the 7.4.0 version of the app) is enabled in Pivot Table:

```
SELECT 'Resolved',
(SELECT SUM(T2.'Story
points') FROM T2) - SUM
(T1.'Sum of Story points')
AS 'Actual'
FROM T1
GROUP BY T1.'Resolved'
ORDER BY T1.'Resolved'
```

## Step 2. Configure Table2:

### Table Filter:

<b>Filter Column</b>	Sprint
<b>Filter Type</b>	Dropdown
<b>Filter Values</b>	ECS Sprint 3

### Pivot Table:

<b>Row Labels</b>	-
<b>Column Labels</b>	-
<b>Calculated Column</b>	Story points
<b>Operation Type</b>	Sum

## Step 3. Wrap Table1 and Table2 in the **Chart from Table** macro.

### Chart from Table:

<b>Type</b>	Time Line
<b>Dates Column</b>	Resolved
<b>Values Column</b>	Ideal, Actual

### Edit 'Pivot Table' Macro

Macro generates a pivot table. Post [Idea](#) or [Issue](#). [Documentation](#)

[Data Source](#) [Options](#)

Row labels  
Click and start typing...

Column labels  
Click and start typing...

Calculated column

Operation type

Select macro

#### Preview

Sum of story points	
Total	78.5

sprint =

58 issues [Refresh](#) Only currently displayed rows of the table can be filtered, aggregated and visualized.

[Save](#) [Cancel](#)

