

Sprint Burn Down Templates

Instructions: What are these charts? How do I work them?

[Updated 2020](#)

Classic Agile Iteration Charts

- A Burn DOWN for hours (and a version without this, as it's a bit out of fashion these days)
- A Burn UP for story points
- A Cumulative flow chart to help you to identify bottlenecks in your workflow.

How do I use this Template?

- Choose "Make a copy" from the "File" menu above.
- This will save an editable version to your own Google Drive.
- Overwrite the content of the **white cells**, *don't delete rows or the calcs in the grey or coloured cells!*
- By entering data in the input grids, the charts will just happen
- *Even if you don't use all of the Cumulative flow, keep track of stories completed in the "Done" row*

What do the charts show?

Burn Down

Estimated number of hours remaining to complete the sprint goal.

- Normally updated each day, immediately after the stand-up meeting
- The Scrum Master adds up all of the estimated hours remaining on all incomplete user stories
- Also shows the total number of hours available to the team in the remaining days of the sprint
- So, it's designed whether things are on track, ahead or behind schedule
- In recent experience (2020), fewer teams do this. So there's a version here without this chart included

Burn Up

Story points completed daily, throughout a sprint.

- Very similar to the burn down
- Rather than tracking work still to be done, it tracks work that has been completed
- Shows the accumulation of "Done" story points throughout the course of a sprint.

Cumulative Flow

Tracks: Efficiency through stages in the delivery process

- Highlights workflow bottlenecks, by charting the progress of stories through each stage of the sprint
- The coloured bands each represent one stage in the development workflow
- In a “pull” system, a widening of a coloured bands will indicate a bottleneck in the phase that follows
- It could in practice though (when used in Scrum), indicate a lag in the phase itself

Let me know how you go!

You are free copy this doc, and use it in any way you like. Knock yourself out. It'd be great if you could post a link back to the blog (somewhere) if you find the charts give you some help at work!

<http://scrumage.com/>

If you find any errors, or think of ways to improve these charts, don't keep it to yourself. Any feedback at all is great.

Adrian
adrian@fittolani.com

[illegible]

Sprint

Days in this sprint

15

Total number of work days in Sprint (exclude public holidays etc)

Points Target

Story Points in sprint after Sprint Planning

Number of Stories

Stories in sprint after Sprint Planning

Points

Date	0	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8	12/9	12/10	12/11	12/12	12/13	12/14	12/15
Forecast Burn	0	2	4	4.0	5	8	11	15	16	18	18	19	21	23	25	29
Required Burn	2	1.93	3.87	5.8	7.7	9.7	11.6	13.5	15.5	17.4	19.3	21.3	23.2	25.1	27.1	29
Done	0	2	2	2	3.5	6	8.5	12.5	14.5	16.5	17.5	17.5	19.5	20.5	21.5	21.5

Stories

Elapsed Days	0	12/1	12/2	12/3	12/4	12/5	12/6	12/7	12/8	12/9	12/10	12/11	12/12	12/13	12/14	12/15
Set up local environment - establish database		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
DAR ORM - Research ORMs		0	0	0	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
DAR ORM - Create comparison matrix		0	0	0	0	2.5	2.5	5	5	5	5	5	5	5	5	5
DAR ORM - Revisions		0	0	0	0	0	0	4	6	8	9	9	10	10	10	10
Coding - User Management		0	0	0	0	0	0	0	0	0	0	0	1	2	3	3
Change From Planned		2	2	2	3.5	6	6	12.5	14.5	16.5						

Points Burn Up

Forecast Burn
Required Burn
Done

Date	Forecast Burn	Required Burn	Done
0	0	2	0
12/1	2	1.93	2
12/2	4	3.87	2
12/3	4.0	5.8	2
12/4	5	7.7	3.5
12/5	8	9.7	6
12/6	11	11.6	8.5
12/7	15	13.5	12.5
12/8	16	15.5	14.5
12/9	18	17.4	16.5
12/10	18	19.3	17.5
12/11	19	21.3	17.5
12/12	21	23.2	19.5
12/13	23	25.1	20.5
12/14	25	27.1	21.5
12/15	29	29	21.5

Cumulative Flow & Stories Done

Coding - User Management
DAR ORM - Revisions
DAR ORM - Create comparison matrix
DAR ORM - Research ORMs
Set up local

Date	Coding - User Management	DAR ORM - Revisions	DAR ORM - Create comparison matrix	DAR ORM - Research ORMs	Set up local
12/1	0	0	0	0	0
12/2	0	0	0	0	2
12/3	0	0	0	0	2
12/4	0	0	0	0	3.5
12/5	0	0	0	0	6
12/6	0	0	0	0	8.5
12/7	0	0	0	0	12.5
12/8	0	0	0	0	14.5
12/9	0	0	0	0	16.5

ELAPSED DAYS

44539

TAKT

4.50

POINTS DONE

16.5

STORIES DONE

2

