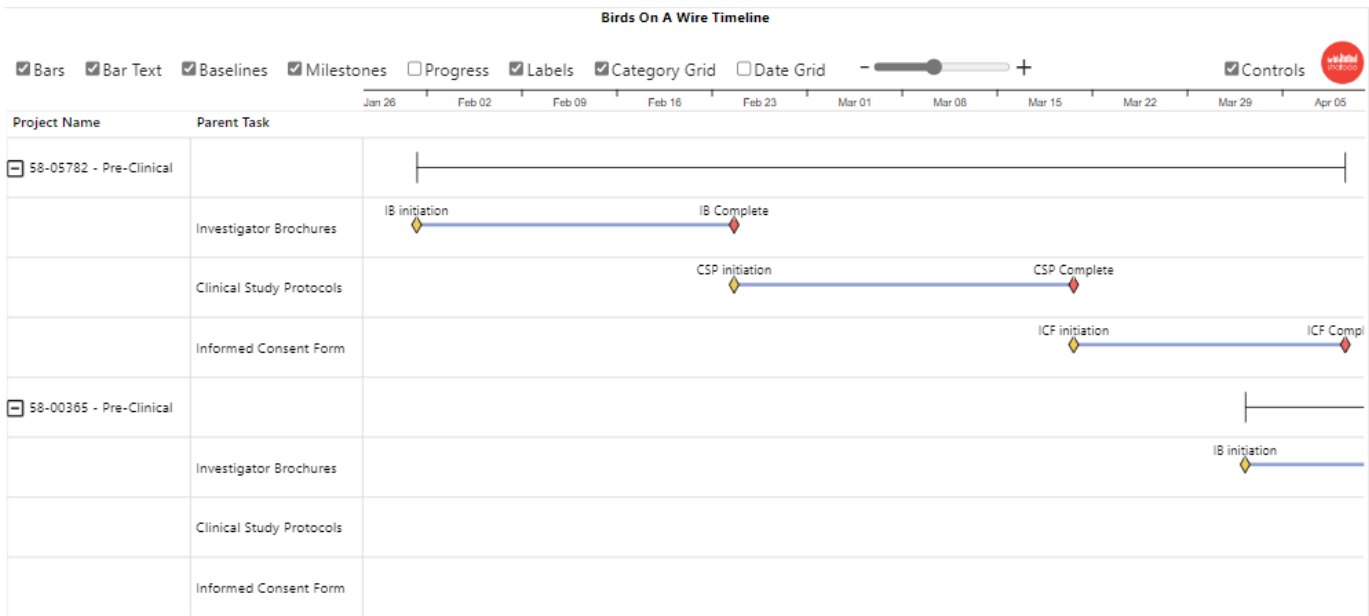


Birds On Wire

Here, we will show how to configure the “Birds On Wire” report included in the Sample Reports (download a pdf of this guide here)

In the Power BI sample report, click on the **Birds On Wire** tab.



Here are the fields in the order they appear

Parent Category (required)

Parent Category defines the rows in the Timeline visual. Multiple fields can be used to display a hierarchy. Our example shows: Project Name & Parent Task

From the Excel data file on the **Birds-on-a-wire** table, we will use Project Name.

| Project Name | Parent Task |
|-------------------------|--------------------------|
| 58-00365 - Pre-Clinical | Informed Consent Form |
| 58-00365 - Pre-Clinical | Clinical Study Protocols |
| 58-00365 - Pre-Clinical | Investigator Brochures |
| 58-05782 - Pre-Clinical | Informed Consent Form |
| 58-05782 - Pre-Clinical | Clinical Study Protocols |
| 58-05782 - Pre-Clinical | Investigator Brochures |

Here is the field in the Parent Category field well:

Parent Category

Project Name v x

Parent Task v x

In the visual the result is:

| Project Name | Parent Task |
|-------------------------|--------------------------|
| 58-05782 - Pre-Clinical | |
| | Investigator Brochures |
| | Clinical Study Protocols |
| | Informed Consent Form |
| 58-00365 - Pre-Clinical | |
| | Investigator Brochures |
| | Clinical Study Protocols |
| | Informed Consent Form |

Timeline Category (required)

Timeline Category is used to categorize both the Timeline Bars and Milestones and enables the ability to set Timeline Bar color by category, and Milestone color and shape by category. From our sample data we will use the Timeline Category field.

| Project Name | Timeline Category |
|-------------------------|---------------------------------------|
| 58-00365 - Pre-Clinical | Pre-clinical draft complete |
| 58-00365 - Pre-Clinical | Pre-clinical document review complete |
| 58-00365 - Pre-Clinical | Pre-clinical document initiation |
| 58-00365 - Pre-Clinical | Pre-clinical document complete |
| 58-05782 - Pre-Clinical | Pre-clinical draft complete |
| 58-05782 - Pre-Clinical | Pre-clinical document review complete |
| 58-05782 - Pre-Clinical | Pre-clinical document initiation |
| 58-05782 - Pre-Clinical | Pre-clinical document complete |

Here is the field in the Timeline Category field well:



Milestone/Task (required)

This is a True/False field that delineates between Tasks and Milestones in the data.

From our sample data:

| Project Name | TaskIsMilestone |
|-------------------------|-----------------|
| 58-00365 - Pre-Clinical | True |
| 58-00365 - Pre-Clinical | False |
| 58-00365 - Pre-Clinical | True |
| 58-00365 - Pre-Clinical | False |
| 58-00365 - Pre-Clinical | True |
| 58-00365 - Pre-Clinical | False |
| 58-05782 - Pre-Clinical | True |
| 58-05782 - Pre-Clinical | False |
| 58-05782 - Pre-Clinical | True |
| 58-05782 - Pre-Clinical | False |
| 58-05782 - Pre-Clinical | True |
| 58-05782 - Pre-Clinical | False |

Here is the field in the Milestone/Task field well:

Milestone/Task
TaskIsMilestone

Timeline Bar (required)

This field supplies the name for each Timeline bar. In many cases this will be the field used for the lowest level of the Parent Category – as in this case, we will use Timeline Bar 2. Note that the visual will only use the data from the Project Name field when the Milestone/Task field is False:

| Project Name | Timeline Bar 2 |
|-------------------------|----------------|
| 58-00365 - Pre-Clinical | Parent Task |
| 58-00365 - Pre-Clinical | Parent Task |
| 58-00365 - Pre-Clinical | Parent Task |
| 58-05782 - Pre-Clinical | Parent Task |
| 58-05782 - Pre-Clinical | Parent Task |
| 58-05782 - Pre-Clinical | Parent Task |

Here is the field in the Timeline Bar field well:

Timeline Bar
Timeline Bar 2

Timeline Bar Text (optional)

The Timeline Bar Text field enables the display of text in the Timeline Bar. In the example we will not use a Timeline Bar Text, so we leave that field well blank:

Timeline Bar Text

Add data fields here

Timeline Bar Start Date, Timeline Bar Finish Date (optional)

The Timeline Bar Start and Finish dates are used by the Timeline visual to define the Timeline bar display.

From the sample data we will use Parent Task Start Date and Earliest Parent Task Finish Date:

| Project Name | Parent Task Start Date | Earliest Parent Task Finish Date |
|-------------------------|------------------------|----------------------------------|
| 58-00365 - Pre-Clinical | 5/4/2020 5:00:00 PM | 5/20/2020 5:00:00 PM |
| 58-00365 - Pre-Clinical | 4/16/2020 5:00:00 PM | 5/4/2020 5:00:00 PM |
| 58-00365 - Pre-Clinical | 4/2/2020 8:00:00 AM | 4/16/2020 5:00:00 PM |
| 58-05782 - Pre-Clinical | 3/20/2020 5:00:00 PM | 4/9/2020 5:00:00 PM |
| 58-05782 - Pre-Clinical | 2/24/2020 5:00:00 PM | 3/20/2020 5:00:00 PM |
| 58-05782 - Pre-Clinical | 2/1/2020 8:00:00 AM | 2/24/2020 5:00:00 PM |

Here is the field in the Timeline Bar Start and Finish Date field wells:

Timeline Bar Start Date

Parent Task Start Date

Timeline Bar Finish Date

Earliest Earliest Parent...

Baseline Bar Start and Finish Dates (optional)

If you have baseline date, these can be used to show baseline bars. In the example we will not use a Baseline Bar Start and Finish Dates, so we leave that field well blank:

Baseline Bar Start Date

Add data fields here

Baseline Bar Finish Date

Add data fields here

Milestone

Much like the Timeline Bar field, Milestone is used to name the milestones. Again, in many cases the field in the lowest Parent Category position will be used – as in this case, we use Milestone. Note that the visual will only use the data from the Task field when the Milestone/Task field is True:

| Project Name | Milestone |
|-------------------------|---------------------|
| 58-00365 - Pre-Clinical | CSP Draft |
| 58-00365 - Pre-Clinical | CSP Review Complete |
| 58-00365 - Pre-Clinical | CSP initiation |
| 58-00365 - Pre-Clinical | CSP Complete |
| 58-05782 - Pre-Clinical | CSP Draft |
| 58-05782 - Pre-Clinical | CSP Review Complete |
| 58-05782 - Pre-Clinical | CSP initiation |
| 58-05782 - Pre-Clinical | CSP Complete |

Here is the field in the Milestone field wells:

Milestone

Milestone

Milestone Date

Milestones only need one date, and this is where it's needed. In this example, we will use a Earliest Milestone date field well:

| Project Name | Milestone | Earliest Milestone Date |
|-------------------------|---------------------|-------------------------|
| 58-00365 - Pre-Clinical | CSP Draft | 4/22/2020 8:00:00 AM |
| 58-00365 - Pre-Clinical | CSP Review Complete | 4/29/2020 5:00:00 PM |
| 58-00365 - Pre-Clinical | CSP initiation | 4/16/2020 5:00:00 PM |
| 58-00365 - Pre-Clinical | CSP Complete | 5/4/2020 5:00:00 PM |
| 58-00365 - Pre-Clinical | | |
| 58-05782 - Pre-Clinical | CSP Draft | 3/4/2020 8:00:00 AM |
| 58-05782 - Pre-Clinical | CSP Review Complete | 3/12/2020 5:00:00 PM |
| 58-05782 - Pre-Clinical | CSP initiation | 2/24/2020 5:00:00 PM |
| 58-05782 - Pre-Clinical | CSP Complete | 3/20/2020 5:00:00 PM |
| 58-05782 - Pre-Clinical | | |

Data Label

Data labels can be displayed on milestones, timeline bars or both. For this example, we only want to display labels on milestones. Our data has a field called Milestone which has data for milestones but not for timeline bars (this could also be accomplished through simple DAX):

| Project Name | Milestone |
|-------------------------|---------------------|
| 58-00365 - Pre-Clinical | CSP Draft |
| 58-00365 - Pre-Clinical | CSP Review Complete |
| 58-00365 - Pre-Clinical | CSP initiation |
| 58-00365 - Pre-Clinical | CSP Complete |
| 58-05782 - Pre-Clinical | CSP Draft |
| 58-05782 - Pre-Clinical | CSP Review Complete |
| 58-05782 - Pre-Clinical | CSP initiation |
| 58-05782 - Pre-Clinical | CSP Complete |

Sort By

Sort By allows for custom sorting of your data. In the example we will not use a custom sort, so we leave that field well blank:

Sort By

Add data fields here

% Completion

Percent completion will display a progress bar inside a timeline bar. From our sample data we will use the Task Percent Completed field:

| ProjectName | TaskPercentCompleted |
|---|----------------------|
| Data Governance Project Services | 100 |
| Information Exchange with Enrollment system | 71 |
| Data Governance Project Services | 22 |
| Information Exchange with Enrollment system | 0 |
| Electronic Patient Record Migration | 0 |
| Cardiology Equipment Upgrade | 0 |
| Clinical Applications Bug Fix | 0 |
| Electronic Patient Record Migration | 0 |
| Data Governance Project Services | 0 |
| Cardiology Equipment Upgrade | 0 |
| Information Exchange with Enrollment system | 0 |
| Electronic Patient Record Migration | 0 |
| Clinical Applications Bug Fix | 0 |
| Clinical Applications Bug Fix | 0 |

Here is the field in the % Completion field well:

% Completion

TaskPercentCompleted

Timeline Bar and Milestone Tooltips

The Tooltips field wells allow you to add one or more fields to be displayed for either Timeline Bars or Milestones. For this example, we will leave them blank:

Timeline Bar Tooltips

Add data fields here

Milestone Tooltips

Add data fields here