

Productivity Metric

The metric that we will be using to measure productivity will be the following:

$$\text{Productivity} = (\text{Jobs Completed} + \text{Job Complexity}) / \text{Time Spent}$$

Jobs Completed is the total number deliverables generated by a team member for that week.

Job Complexity is a scale of 1 - 3; where 1 is low complexity (*ie. Power point creation, application of questionnaire*), 2 is medium complexity (*ie. More specific research, Instrument analysis, application of interview*) and 3 is high complexity (*ie. Interview and questionnaire result analysis*). If the member completed multiple jobs of varying degrees of complexity, their complexity factors will be added up as one value. This aspect of the metric is more subjective and will be decided as a team on what value of complexity to assign each job.

Time Spent is the total days taken to complete the job. The initial date is first day of the week and the final date is the day the job is marked as completed.

Example: The initial date is March 23rd and the final date is March 25th then there was a total of 2 days used to complete the job.

To put this metric in perspective, we will be using an example:

Member A completed 2 jobs with a complexity of 1 and 2 within 1 day. This awards Member A with productivity score of 5 for that week.

$$((2 + (1+2))/1) = 5$$

**Note: If Member A received a score of 2 the previous week, it will be added to his total overall productivity score.*