

STAR METRICS

Overview of Files

We have enclosed a number of files in this zip file. This document provides an overview of their contents.

There are two workforce reports.

1. University Jobs Report. This provides a written layperson's summary of the main results for the most recent quarter of data that you sent. You can edit this as you wish, and add "stories" or text boxes.
2. STAR APPENDIX Template. This provides the tables and charts from which the summary data were drawn – as well as additional information that might be useful for you. In all cases we break out the federal science/non-science jobs based on the CFDA codes provided. If the CFDA code was 00.000, we report that as "other". The tables and charts are as follows:
 - a. Figure 1 provides a high level summary. The FTE jobs are calculated from the HR records; the direct jobs from institutional support, vendor and subawards are derived from the expenditure estimates you provided. Figure 2 breaks out the first column of Figure 1 by aggregate occupational classification. You provided your institutional occupations and we mapped them to the aggregate classification as reported in QC_Job_Crossref.xls. Please check this mapping for appropriateness; we can easily change any category at your request.
 - b. Figure 3 provides the counts of individuals (rather than FTEs) directly supported by each source of funding by occupation.
 - c. Figure 4 provides the summary information about expenditures as well as estimates of jobs supported by vendor expenditures. If you provided DUNS numbers, the expenditures and jobs are broken out by industry; otherwise they are identified as unclassified.
 - d. Figure 5 provides the summary information about expenditures as well as estimates of jobs supported by subaward expenditures. If you provided DUNS numbers, the expenditures and jobs are broken out by industry; otherwise they are identified as unclassified.

- e. Figure 6 provides a set of graphs. The first is a bar chart of the direct payroll jobs (from HR records) by your top three federal agencies (derived from CFDA code). The second is a bar chart of the jobs generated from institutional, subaward and vendor expenditures by your top three federal agencies (derived from CFDA code). The third gives you information about the average number of science awards per occupation; this is followed by two graphs showing occupational trends over time.
 - f. Figure 7 provides information about geographic impact at the state and national level.
3. Report.xls provides the source data for all the tables and charts in the university template and the jobs report. In addition, the sheets include Award level detail about jobs for stimulus funding (Stimulus funds).
 4. Star_map_county_tables_latest.xls includes multiple sheets
 - a. State Science jobs provides county level detail for all job categories supported by science spending within the state.
 - b. State All jobs provides county level detail for all job categories supported by all research spending within the state.
 - c. Out of State Science jobs provides county level detail for all job categories supported by science spending in all states.
 - d. Out of State All jobs provides county level detail for all job categories supported by all research spending in all states.
 5. Additional report detail
 - a. QC_Table_stats_subaward - Summary of subaward expenditures by detailed CFDA code
 - b. QC_Table_stats_vendor - Summary of vendor expenditures by detailed CFDA code
 - c. QC_Table_stats_individual - Summary of FTEs by detailed CFDA code
 - d. QC_Table_stats_award - Summary of overhead expenditures by detailed CFDA code
 - e. QC_CFDA_EXCEPTIONS – Summary of CFDA codes and awards where the CFDA could not be fully matched to the latest CFDA table (i.e., 93,000).
 - f. duplicate_individuals - Summary of the number of duplicate records from the Individual table. The duplicates are identified based on the unique combinations of Anonymized_Employee_Id, Federal_Award_Number Reporting, __Period_Start Reporting, __Period_End, fte_status, and Prop_of_time_allocated_to_award, with counts on the total number of duplicates and number of files that those duplicates appear.
 - g. QC_INDIVIDUAL_ALLOCATION – Exception report containing employee records from the Individual Table where the proportion of time allocation exceed 1 for each unique combination of Anonymized_Employee_Id, Reporting, __Period_Start, and Reporting, __Period_End.