



## Data Collection Worksheet

**Please Note:** The Data Collection Worksheet (DCW) is a tool to aid integration of a PhenX protocol into a study. The PhenX DCW is not designed to be a data collection instrument. Investigators will need to decide the best way to collect data for the PhenX protocol in their study. Variables captured in the DCW, along with variable names and unique PhenX variable identifiers, are included in the PhenX Data Dictionary (DD) files.

### Percent Unionized for Non-Agricultural Labor Force

Access to historical data of union membership or jobs covered by a union can be found at the Bureau of Labor Statistics website (<https://www.bls.gov/cps/cpslutabs.htm>). Union affiliation can be accessed from three tables.

Table 1. Union affiliation of employed wage and salary workers by selected characteristics

Selected characteristics include age and sex; race, Hispanic or Latino ethnicity, and sex; full- or part-time status. For each characteristic, the user may view employment and union membership data.

Table 3. Union affiliation of employed wage and salary workers by occupation and industry

Occupation categories include Management, professional, and related occupations; Service occupations; Sales and office occupations; Natural resources, construction, and maintenance occupations; Production, transportation, and material moving occupations; and related subcategories for each.

Industry categories include Private and Public sector and related subcategories.

For each characteristic, the user may view employment and union membership data.

Table 5. Union affiliation of employed wage and salary workers by state

For each US state selected, the user may view employment and union membership data.

For all data in the tables:

Total employed = Total number employed

Members of unions = members of a labor union or an employee association similar to a union

Members of unions (Total) = Total number of members of a labor union or an employee association similar to a union

Members of unions (Percent of employed) = The percentage of members of a labor union or an employee association similar to a union out of the total number employed

Represented by unions = both union members and workers who report no union affiliation but whose jobs are covered by a union or an employee association contract

Represented by unions (Total) = Total number of both union members and workers who report no union affiliation but whose jobs are covered by a union or an employee association contract

Represented by unions (Percent of employed) = The percentage of both union members and workers who report no union affiliation but whose jobs are covered by a union or an employee association contract out of the total number employed

Numbers reported are in the thousands.

After retrieving results, the user may adjust the range of years for which data is shown, and also has the option to include line graphs. All data will have downloadable excel files.

Protocol source: <https://www.phenxtoolkit.org/protocols/view/290601>