Wills Enrichment Dictionary

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| Name | Definition | Data Type | Possible Values |
| Area Code | 5-character FIPS code | object | int64, US000 |
| St | 2-character State FIPS code | object | (Blanks), int64, US |
| Cnty | 3-character County FIPS code | float64 | (Blanks), int64 |
| Own | 1-character Ownership code | int64 | 0-5 |
| NAICS | 4-character Industry code (SuperSector) | int64 | 10, 101, 1011, 1012, 1013, 102, 1021, 1022, 1023, 1024, 1025, 1026, 1027, 1029 |
| Year | 4-digit year | int64 | 2023 |
| Qtr | 1-character quarter (always A for annual) | int64 | 1 |
| Area Type | Category of the given area. (State, County, Nation, etc.…) | object | Nation, State, County, MSA |
| St Name | Multi-character State name | object | Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming |
| Area | Area title associated with the area's FIPS code | object | object in the form of a String |
| Ownership | Ownership title associated with the ownership code | object | Federal Government, Local Government, Private, State Government, Total Covered |
| Industry | Industry title associated with the industry code | object | (10 Total, all industries), 101 Goods-producing, 1011 Natural resources and mining, 1012 Construction, 1013 Manufacturing, 102 Service-providing, (1021 Trade, transportation, and utilities), 1022 Information, 1023 Financial activities, 1024 Professional and business services, 1025 Education and health servics, 1026 Leisure and hospitality, 1027 Other services, 1029 Unclassified |
| Status Code | Status code, or disclosure code ('N' for not disclosed) | object | (Blanks), N |
| Establishment Count | Annual establishment count for a given year | int64 | int64 |
| January Employment | Employment level for the first month of the quarter. The name of the month is displayed. (EX: January) | int64 | int64 |
| February Employment | Employment level for the second month of the quarter. The name of the month is displayed. (EX: February) | int64 | int64 |
| March Employment | Employment level for the third month of the quarter. The name of the month is displayed. (EX: March) | int64 | int64 |
| Total Quarterly Wage | Total quarterly wage level for the given quarter | int64 | int64 |
| Average Weekly Wage | Average weekly wage based on the 12-monthly employment levels and total annual wage levels | int64 | int64 |
| Employment Location Quotient Relative to U.S. | Employment Location Quotient Relative to U.S. | float64 | float64 |
| Total Wage Location Quotient Relative to U.S. | Total Wage Location Quotient Relative to U.S. | float64 | float64 |

Wills Task 2 Question Answers:

The individual variable I will use to map between my enrichment data set and the shared data set will be the countyFIPS.

Are employees working in certain industries more susceptible to covid infection and death? The employment enrichment data helps analyze covid spread by allowing us to correlate rates of covid infections and deaths to an area's employment distribution. This insight can reveal trends among covid infections relative to certain jobs and industries. I hypothesize that we will observe industries exhibiting higher rates of covid infections and deaths than others, giving rise to a question of why workers in that industry appear more susceptible to the effects of covid than workers in other industries.