# Wage/Earning Estimates for NAICS-O\*Net Pairings

**Source:** Bureau of Labor Statistics: <https://www.bls.gov/oes/>

**Estimates Dated:** May 2021 (May 2022 will be out on 3/31/2023)

**Description:** Beyond employment, wage, and earnings estimates for O\*Net occupations, these data provide estimates for O\*Net occupations within each NAICS industry (provided the industry employs the occupation in quantities sufficient enough for reliable survey estimates). Due to survey limitations, O\*Net occupations are paired to NAICS industries at different levels of specificity – either 6-digit (maximum specificity), 4-digit, or 3-digit.

**Data Dictionary**

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| Variable | Description |
| geography | Area that wage/earnings estimates apply to – either US or Illinois |
| naics | NAICS code for industry ([link](https://www.census.gov/naics/reference_files_tools/2022_NAICS_Manual.pdf)): either 3, 4, or 6 digit specificity |
| naics\_title | Description of NAICS code |
| naicsA | Comma-separated list of NAICS codes composing a higher-level code (with “A” at the end) that is unique to OEWS data due to survey limitations |
| i\_group | Number of digits of specificity for NAICS code |
| own\_code ([link](https://www.bls.gov/cew/classifications/ownerships/sic-ownership-titles.htm)) | Ownership code of firms composing the wage/earnings estimates:  5 = Private, 0 = Total Covered, 1 = Federal gov’t, 2=State gov’t, 3=Local gov’t, 4 = International gov’t |
| occ\_code | O\*Net code for the occupation paired with NAICS code |
| occ\_title | Description of O\*Net code |
| o\_group | Granularity of O\*Net code: total, major, minor, broad, detailed |
| pair | Pairing of NAICS code + O\*Net code (joined by“.”) of wage/earnings estimates |
| tot\_emp | Total employment in geography for NAICS-O\*Net pairing |
| emp\_prse ([link](https://www.bls.gov/oes/2021/may/oes_research_estimates.htm)) | Percent Relative Standard Error (PRSE) of tot\_emp estimate:  (standard error of estimate / estimate \* 100) |
| pct\_total | Percent of industry employment that the occupation amounts to |
| pct\_rpt | Percent of establishments that employ given occupation in the given industry |
| hourly\_mean | Mean hourly wage of NAICS-O\*Net pairing |
| hourly\_pct10 | 10th percentile of hourly wage distribution |
| hourly\_pct25 | 25th percentile of hourly wage distribution |
| hourly\_median | Median (50th percentile) hourly wage |
| hourly\_pct75 | 75th percentile of hourly wage distribution |
| hourly\_pct90 | 90th percentile of hourly wage distribution |
| yearly\_mean | Mean annual earnings |
| yearly\_pct10 | 10th percentile of annual earnings distribution |
| yearly\_pct25 | 25th percentile of annual earnings distribution |
| yearly\_median | Median (50th percentile) annual earnings |
| yearly\_pct75 | 75th percentile of annual earnings distribution |
| yearly\_pct90 | 90th percentile of annual earnings distribution |