**SUPPLEMENTAL TABLE II.** Linkage of the Occupational Information Network (O\*NET) Version 9.0 to the National Birth Defects Prevention Study (NBDPS) using job titles.

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **O\*NET Generalized Work Activitiesa** | | | | **Step 1: O\*NET-SOC to SOC “detailed occupations”** | | | **Step 2: SOC detailed to SOC “broad occupations”** | | | **Final O\*NET data** | | **NBDPS** |
| O\*NET-SOC code | Mean**b** | N**c** | SE**d** | SOC detailed 2000 code | Mean | Standardized mean | SOC broad 2000 code | Mean | Standardized mean | O\*NET  job title | Standardized mean | NBDPS  Job title |
| 11-1011.01 | 1.83 | . | . | 11-1011 | 1.67**e** | 23.79**f** | 11-1010 | 1.67 | 23.79 | 11-1010 | 23.79 | 11-1010 |
| 11-1011.02 | 1.50 | . | . | 11-1011 | 23.79 | - |
| 11-1021.00 | 1.94 | 35 | 0.43 | 11-1021 | 1.94 | 27.71 | 11-1020 | 1.94 | 27.71 | 11-1020 | 27.71 | 11-1020 |
| 11-2011.00 | 1.72 | 36 | 0.68 | 11-2011 | 1.72 | 24.57 | 11-2010 | 1.72 | 24.57 | 11-1021 | 27.71 | - |
| 11-2021.00 | 1.44 | 20 | 0.86 | 11-2021 | 1.44 | 20.57 | 11-2020 | 1.98**g** | 28.29**h** | - | - | 11-2000 |
| 11-2022.00 | 2.52 | 17 | 0.76 | 11-2022 | 2.52 | 36.00 | 11-2010 | 24.57 | 11-2010 |
| 11-2031.00 | 1.48 | 22 | 0.52 | 11-2031 | 1.48 | 21.14 | 11-2030 | 1.48 | 21.14 | 11-2011 | 24.57 | 11-2011 |
| 11-3011.00 | 2.48 | 26 | 0.67 | 11-3011 | 2.48 | 35.43 | 11-3010 | 2.48 | 35.43 | 11-2020 | 28.29 | 11-2020 |
| 11-3021.00 | 2.79 | 31 | 0.97 | 11-3021 | 2.79 | 39.86 | 11-3020 | 2.79 | 39.86 | 11-2021 | 20.57 | 11-2021 |
| 11-3031.01 | 1.33 | . | . | 11-3031 | 1.25 | 17.79 | 11-3030 | 1.25 | 17.79 | 11-2022 | 36.00 | 11-2022 |
| 11-3031.02 | 1.16 | . | . | 11-2030 | 21.14 | 11-2030 |
| 11-3040.00 | 0.76 | 24 | 0.43 | 11-3040**i** | 0.76 | 10.86 | 11-3040 | 1.37**j** | 19.52 | 11-2031 | 21.14 | - |
| 11-3041.00 | 1.74 | 29 | 0.33 | 11-3041 | 1.74 | 24.86 | 11-3010 | 35.43 | 11-3010 |
| 11-3042.00 | 1.60 | 21 | 0.66 | 11-3042 | 1.60 | 22.86 | 11-3011 | 35.43 | - |
| 11-3051.00 | 3.45 | 16 | 0.56 | 11-3051 | 3.45 | 49.29 | 11-3050 | 3.45 | 49.29 | 11-3020 | 39.86 | 11-3020 |
| 11-3061.00 | 3.13 | 16 | 0.67 | 11-3061 | 3.13 | 44.71 | 11-3060 | 3.13 | 44.71 | 11-3021 | 39.86 | - |
| 11-3071.01 | 2.10 | 19 | 0.84 | 11-3071 | 2.24 | 31.93 | 11-3070 | 2.24 | 31.93 | 11-3030 | 17.79 | 11-3030 |
| 11-3071.02 | 2.37 | 24 | 0.38 | 11-3031 | 17.79 | - |
| 11-9011.01 | 2.66 | . | . | 11-9011 | 2.39 | 34.10 | 11-9010 | 3.44 | 49.19 | 11-3040 | 19.52 | 11-3040 |
| 11-9011.02 | 2.50 | . | . | 11-3041 | 24.86 | 11-3041 |
| 11-9011.03 | 2.00 | . | . | 11-3042 | 22.86 | 11-3042 |
| 11-9012.00 | 4.50 | . | . | 11-9012 | 4.50 | 64.29 | - | - | 11-3049 |

aPerforming physical activities that require considerable use of arms legs and moving whole body such as climbing, lifting, balancing, walking, stooping, and handling of materials.

bMean level of performing general physical activities (O\*NET-SOC occupation); 1 = low (e.g., walk between work stations in a small office), 7 = high (e.g., climb up and down poles).

cSample size of surveyed incumbents

dStandard error of the sample mean

eMean level of performing general physical activities at work (SOC “detailed occupation”). For example, 1.67 = (1.83 + 1.50) / 2

fStandardized mean level of performing general physical activities at work (SOC “detailed occupation”) = ((Mean – lowest possible value) / (highest possible value – lowest possible value))\*100. For example, 23.79 = ((1.665-0) / (7-0))\*100

gMean level of performing general physical activities at work (SOC “broad occupation”). For example, 1.98 = (1.44 + 2.52) / 2

hStandardized mean level of performing general physical activities at work (SOC “broad occupation”). For example, 28.29 = ((1.98-0) / (7-0))\*100

iFor some SOC “broad occupations” (e.g., 11-3040) that were included in the original O\*NET data, the original mean value carried over to the SOC broad level

jIncluded in the final O\*NET data