Updated O*NET items

This release includes the following:

- New “Cross-Domain Linkages” section with linkages between:
  - Abilities to relevant Work Activities;
  - Abilities to relevant Work Context;
  - Skills to relevant Work Activities;
  - Skills to relevant Work Context.

- Removal of:
  - “Tools and Technology” file, which was deprecated in the 23.2 release. Developers should use the Technology Skills and Tools Used files instead.
  - “Green Occupations,” “Green Task Statements,” “Green DWA Reference,” and “Tasks to Green DWAs.” Developers interested in retaining this information may continue to use the files as published in the 24.1 release, available on the Archived data releases page.

- 441 technology skills related to 98 occupations were updated from employer job postings and other sources. Currently, 161 “hot technologies” are identified. This update includes information linked to 100 occupations which underwent a “spotlight” or detailed review by occupational analysts.

- 162 alternate titles related to 103 occupations were added from employer job postings and other sources.
The O*NET Database Update
Database Version 24.1

This release included the following:

- 1,416 technology skills related to 332 occupations were updated from employer job postings and other sources. Currently, 161 “hot technologies” are identified.

- 170 alternate titles related to 102 occupations were added from employer job postings and other sources.
The O*NET Database Update
Database Version 24.0

This release included the following:

- Addition and update of:
  - Task Statement ratings (importance, relevance, and frequency) for 100 occupations.
  - Abilities, Skills, Work Activities, Knowledge, and Work Context data for 100 occupations.
  - Training and Work Experience and Education data for 100 occupations.
  - Work Styles data for 100 occupations.
  - Job Zones data for 100 occupations.
  - Detailed Work Activities (DWAs) and linkages for 63 occupations.
  - Alternate Titles and Sample of Reported Titles for 299 occupations.
This release included the following:

- 197 technology skills related to 101 occupations were updated from employer job postings. Currently, 182 “hot technologies” are identified.

- 209 alternate titles related to 118 occupations were added from employer job postings and other sources.
The O*NET Database Update  
Database Version 23.2

This release included the following:

- 339 technology skills related to 133 occupations were updated from employer job postings. Currently, 186 “hot technologies” are identified.

- 150 alternate titles related to 84 occupations were added from employer job postings and other sources.
This release included the following:

- 946 technology skills related to 197 occupations were updated from employer job postings. Currently, 192 “hot technologies” are identified.

- 191 alternate titles related to 100 occupations were added from employer job postings and other sources.
This release included the following:

- Addition and update of:
  - **Task Statement ratings** (importance, relevance, and frequency) for 100 occupations.
  - **Abilities, Skills, Work Activities, Knowledge, and Work Context** data for 100 occupations.
  - **Training and Work Experience** and **Education** data for 100 occupations.
  - **Work Styles** data for 100 occupations.
  - **Job Zones** data for 100 occupations.
  - **Detailed Work Activities** (DWAs) and linkages for 33 occupations.
  - **Alternate Titles** and **Sample of Reported Titles** for 294 occupations.
The O*NET Database Update

Database Version 22.3

This release included the following:

- 460 technology skills related to 125 occupations were updated from employer job postings. Currently, 186 “hot technologies” are identified.

- 273 alternate titles related to 120 occupations were added from employer job postings and other sources.
This release included the following:

- 158 technology skills and 45 tools related to 83 occupations were updated from employer job postings. Currently, 178 “hot technologies” are identified.

- 215 alternate titles related to 98 occupations were added from employer job postings and other sources.
This release included the following:

- 408 technology skills and 88 tools related to 132 occupations were updated from employer job postings. This update includes information linked to 50 occupations with a bright outlook and/or apprenticeship opportunities which underwent a “spotlight” or detailed review by occupational analysts.

- 352 alternate titles related to 151 occupations were added from employer job postings and other sources.
The O*NET Database Update
Database Version 22.0

This release included the following:

- Addition and update of:
  - Task Statement ratings (importance, relevance, and frequency) for 100 occupations.
  - Abilities, Skills, Work Activities, Knowledge, and Work Context data for 100 occupations.
  - Training and Work Experience and Education data for 100 occupations.
  - Work Styles data for 100 occupations.
  - Job Zones data for 100 occupations.
  - Detailed Work Activities (DWAs) and linkages for 38 occupations.
  - Alternate Titles and Sample of Reported Titles for 121 occupations.
This release included the following:

- 80 technology skill examples related to 54 occupations were added from employer job postings.
- 80 alternate titles related to 40 occupations were added from professional association and customer input, transactional analyses, and occupational code requests.
This release included the following:

- 69 technology skill examples and 7 tools related to 59 occupations were added from employer job postings and other sources.
- 343 alternate titles related to 140 occupations were added from employer job postings and other sources.
This release included the following:

- 178 new technology examples related to 85 occupations were added from employer job postings and other sources.

- Sample of Reported Titles selections for 10 occupations updated to reflect titles frequently reported by job incumbents.
The O*NET Database Update
Database Version 21.0

This release included the following:

- Addition and update of:
  - Task Statement ratings (importance, relevance, and frequency) for 116 occupations.
  - Abilities, Skills, Work Activities, Knowledge, and Work Context data for 116 occupations.
  - Training and Work Experience and Education data for 116 occupations.
  - Work Styles data for 116 occupations.
  - Job Zones data for 116 occupations.
  - Detailed Work Activities (DWAs) and linkages for 56 occupations.
  - Alternate Titles and Sample of Reported Titles for 116 occupations.
  - 121 new Technologies added across 134 occupations, including the identification of 17 additional “hot technologies.”
This release included the following:

- 626 new technology examples related to 144 occupations were added from employer job postings and other sources.

- 30 new alternate titles related to 5 occupations were added from customer and professional association input.
This release included the following:

- 1,056 new technology examples related to 417 occupations were added from employer job postings and other sources.

- 857 new alternate titles related to 266 occupations were added from employer job postings and other sources.

- All database files can be downloaded in Microsoft Excel format, in addition to the existing formats of tab-delimited text, and SQL files for MySQL, Microsoft SQL Server, or Oracle.
This release included the following:

- Data from the Alternate Titles, Sample of Reported Titles, Related Occupations, Tools & Technology, and Emerging Tasks projects are now included in the O*NET Database. These were previously available as separate supplemental file downloads.

- 2,332 new technology examples related to 272 occupations were added from employer job postings.

- 769 new alternate titles related to 247 occupations were added from employer job postings and other sources.

- All database files can be downloaded in Microsoft Excel format, in addition to the existing formats of tab-delimited text, and SQL files for MySQL, Microsoft SQL Server, or Oracle.
The O*NET Database Update
Database Version 20.0

This release included the following:

- Addition and update of:
  - Task Statement ratings (importance, relevance, and frequency) for 102 occupations.
  - Abilities, Skills, Work Activities, Knowledge, and Work Context data for 102 occupations.
  - Training and Work Experience and Education data for 102 occupations.
  - Work Styles data for 102 occupations.
  - Job Zones data for 102 occupations.
  - Detailed Work Activities (DWAs) and linkages for 102 occupations.
The O*NET Database Update

Database Version 19.0

This release included the following:

- Addition and update of:
  - Task Statement ratings (importance, relevance, and frequency) for 126 occupations.
  - Abilities, Skills, Work Activities, Knowledge, and Work Context data for 126 occupations.
  - Training and Work Experience and Education data for 126 occupations.
  - Work Styles data for 126 occupations.
  - Job Zones data for 126 occupations.
  - Detailed Work Activities (DWAs) and linkages for 126 occupations.
This release included the following:

- Addition and update of:
  - Task Statement ratings (importance, relevance, and frequency) for 134 occupations.
  - Abilities, Skills, Work Activities, Knowledge, and Work Context data for 105 occupations.
  - Training and Work Experience and Education data for 105 occupations.
  - Work Styles data for 105 occupations.
  - Job Zones data for 105 occupations.
  - Interests data for 83 occupations.
  - Newly developed Detailed Work Activities (DWAs).

*18.1 – Special database release with newly developed DWAs.
This release included the following:

- Addition and update of:
  - Task Statement ratings (importance, relevance, and frequency) for 107 occupations.
  - Abilities, Skills, Work Activities, Knowledge, and Work Context data for 107 occupations.
  - Training and Work Experience and Education data for 107 occupations.
  - Work Styles data for 107 occupations.
  - Job Zones data for 107 occupations.
  - Work Values for 83 occupations.
This release included the following:

- Addition and update of:
  - Task Statement ratings (importance, relevance, and frequency) for 120 occupations.
  - Abilities, Skills, Work Activities, Knowledge, and Work Context data for 120 occupations.
  - Training and Work Experience and Education data for 120 occupations.
  - Work Styles data for 120 occupations.
  - Job Zones data for 120 occupations.
  - Skills data for 853 occupations.
  - Green Occupation identification for 204 occupations.
  - Green Task Statements data for 140 occupations.

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This release included the following:

- Addition and update of:
  - Task Statement ratings (importance, relevance, and frequency) for 120 occupations.
  - Abilities, Skills, Work Activities, Knowledge, and Work Context data for 120 occupations.
  - Training and Work Experience and Education data for 120 occupations.
  - Work Styles data for 120 occupations.
  - Job Zones data for 120 occupations.
  - Skills data for 853 occupations.
  - O*NET-SOC 2009 to 2010 SOC file that maps the current O*NET-SOC taxonomy to the new 2010 SOC standard.

*15.1 – Special database release for early adopters of the O*NET-SOC 2010 taxonomy. The database was converted to the new taxonomy. No additional occupations were updated.
This release included the following:

- Addition and update of:
  - Task Statement ratings (importance, relevance, and frequency) for 117 occupations.
  - Task Statements for 153 N&E occupations.
  - Abilities, Skills, Work Activities, Knowledge, and Work Context data for 117 occupations.
  - Training and Work Experience and Education data for 117 occupations.
  - Work Styles data for 117 occupations.
  - Job Zones data for 117 occupations.
  - Interests and Work Values data for 96 occupations.
  - O*NET-SOC 2006 to O*NET-SOC 2009 file that maps occupations to the updated O*NET-SOC taxonomy.
The O*NET Database Update
Database Version 13.0

This release included the following:

- Addition and update of:
  - Abilities, Skills, Work Activities, Knowledge, and Work Context data for 106 occupations.
  - Training and Work Experience and Education data for 106 occupations.
  - Work Styles and Task Statement ratings for 106 occupations.
  - Emerging Tasks for 28 occupations.
  - Job Zones data for 108 occupations.
  - Interests and Work Values data for 812 occupations.
  - Work Needs file (this data formerly part of core O*NET database).
  - Task Statements, Categories, and Ratings files to replace former Tasks file (Release 5.1 File Layout version retained in Supplemental files).
The O*NET Database Update
Database Version 11.0 – 12.0

This release included the following:

- Addition and update of:
  - Abilities, Skills, Work Activities, Knowledge, Job Zones, and Work Context data for 201 occupations.
  - Training and Work Experience and Education data for 201 occupations.
  - Work Styles and Task Statement ratings for 201 occupations.
  - Emerging Tasks for 51 occupations.
  - Tools and Technology for 256 occupations.
  - Lay Titles.
The O*NET Database Update
Database Version 10.0

This release included the following:

- Addition and update of:
  - Abilities, Skills, Work Activities, Knowledge, Job Zones, and Work Context data for 100 occupations.
  - Training and Work Experience and Education data for 100 occupations.
  - Work Styles and Task Statement ratings for 100 occupations.
  - Emerging Tasks for 39 occupations.
  - O*NET-SOC 2000 to O*NET-SOC 2006 file that maps occupations to the updated O*NET-SOC taxonomy.
  - Lay Titles.
This release included the following:

- Addition and update of:
  - Abilities, Skills, Work Activities, Knowledge, Job Zones, and Work Context data for 100 occupations.
  - Training and Work Experience and Education data for 100 occupations.
  - Work Styles and Task Statement ratings for 100 occupations.
  - Emerging Tasks for 42 occupations.
  - New and revised Task Statements for 98 occupations.
  - Tools and Technology for 157 occupations.
  - Work Context and Education, Training, and Work Experience Categories (pre-existing data; new tables).
  - Lay Titles.
This release included the following:

- Addition and update of:
  - Abilities, Skills, Work Activities, Knowledge, and Work Context data for 326 occupations.
  - Training and Work Experience and Education data for 326 occupations.
  - Work Styles and Task Statement ratings for 326 occupations.
  - Emerging Tasks for 177 occupations.
  - New and revised Task Statements for 238 occupations.
  - Job Zone data for 326 occupations.
  - Lay Titles.
The O*NET Database Update

Database Version 5.1

This release included the following:

- Addition and update of:
  - Tasks for 69 occupations.
  - Job Zones for 54 occupations.
  - Occupational Level Metadata.
  - Item Rating Level Metadata.
  - Level Scale Anchors.
  - Lay Titles.
The O*NET Database Update

Version 5.1 - Metadata

Occupational Level Statistics
- O*NET-SOC Establishment Response Rate
- O*NET-SOC Employee Response Rate
- O*NET-SOC Case Completeness Rate
- Total Completes for O*NET-SOC

Occupational Level Distribution Statistics
- Data Collection Mode
- How long at Current Job
- Industry

Ratings Level Statistics
- Standard Error
- Lower 95% Confidence Interval Bound
- Upper 95% Confidence Interval Bound
- Sample Size
- Recommended Suppression
- “Not Relevant for the Occupation” flag
The O*NET Database Update
Database Version 5.0

This release included the following:

- Addition and update of:
  - Abilities, Work Activities, Knowledge, Skills, and Work Context data for 54 occupations.
  - New and revised Task Statements for 455 occupations.
  - Task Statement ratings for 54 occupations.
  - Education, Training, and Experience data for 54 occupations.
  - Work Styles data for 54 occupations.
  - Metadata to the file structure to specify source of data and date of update.
  - Detailed Work Activities for 974 occupations.
  - Emerging Task Statements for 21 occupations.
  - Lay Titles.