

# O\*NET Database Update Summary

Produced for USDOL/ETA  
by the  
National Center for O\*NET Development  
Raleigh, North Carolina



# The O\*NET Database Update 'At a Glance'



|   |   |
|---|---|
| O*NET 98 (Oct-98)   | Release of the original 'Analyst Database' based on the Occupational Employment Statistical (OES) classification – O*NET OU 1998.   |
| O*NET 3.0/3.1 (Aug-00/Jun-01)                                       | Database classification converted to Standard Occupational Classification (SOC) standard - O*NET-SOC 2000.  |
| O*NET 4.0 (Jun-02)  | Release of the final 'Analyst Database' with a revised database structure consistent with the OMB approved Data Collection Program.   |
| O*NET 5.0 (Apr-03)  | 1 <sup>st</sup> update of database from Data Collection Program with a comprehensive update of 54 occupations.  |
| O*NET 5.1 (Nov-03)  | Occupational level and item level metadata added to the O*NET database.   |
| O*NET 6.0 (Dec-04)  | 2 <sup>nd</sup> update of database from Data Collection Program with a comprehensive update of 126 occupations.   |
| O*NET 7.0, 8.0, 9.0 & 10.0 (Dec-04), (Jul-05), (Dec-05), & (Jun-06) | 3 <sup>rd</sup> , 4 <sup>th</sup> , 5 <sup>th</sup> , & 6 <sup>th</sup> updates of database from Data Collection Program with a comprehensive update of 100 occupations each. |
| O*NET 11.0 (Dec-06)   | 7 <sup>th</sup> Update of database from Data Collection Program with a comprehensive update of 101 occupations.   |
| O*NET 12.0 (Jun-07)   | 8 <sup>th</sup> Update of database from Data Collection Program with a comprehensive update of 100 occupations.   |
| O*NET 13.0 (Jun-08)   | 9 <sup>th</sup> Update of database from Data Collection Program with a comprehensive update of 108 occupations.   |

# The O\*NET Database Update



## 'At a Glance'

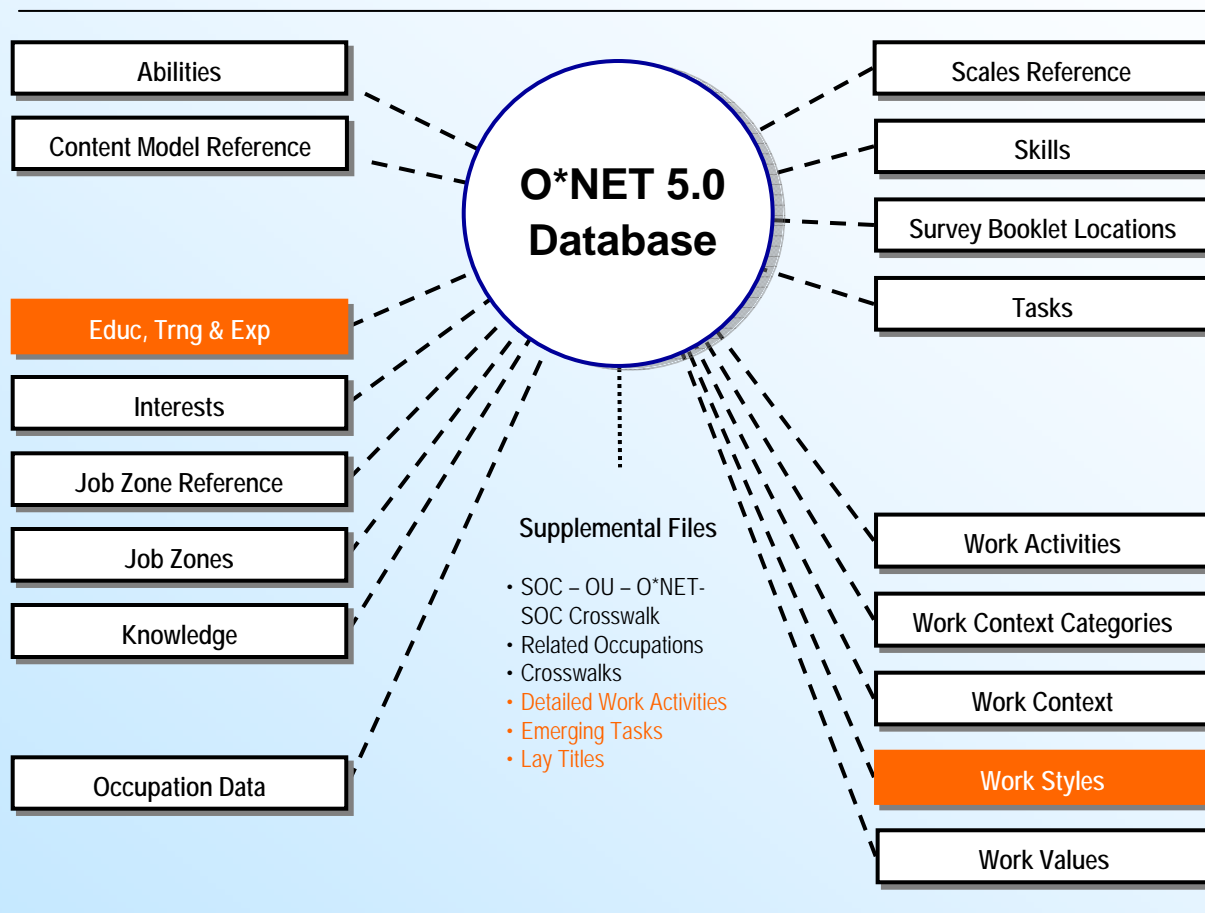
## O\*NET Database Versions 5.0 through 13.0

| New or Updated O*NET item  | O*NET-SOC 2006<br>Total<br>(812 Data Level<br>Occupations) |
|--|--|
| <p>Comprehensive Update</p> <p>Typically includes:</p> <ul style="list-style-type: none"><li>• Addition and/or update of <b>Task Statement</b> ratings (importance, relevance, and frequency), <b>Work Context</b>, <b>Work Styles</b>, <b>Training and Work Experience</b>, and <b>Education</b> data</li><li>• Updated <b>Abilities</b>, <b>Work Activities</b>, <b>Knowledge</b>, <b>Skills</b>, and <b>Work Context</b> data</li></ul> | 809  |
| Updated <b>Work Values</b> and <b>Interests</b> data   | 812  |
| <b>Supplemental Files</b>  |  |
| Updated with <b>Emerging Tasks</b>   | 324  |
| Addition of <b>Detailed Work Activities</b>  | 804  |
| Addition of <b>Tools and Technology</b>  | 256  |

# The O\*NET Database Update By Database Release – Version 5.0



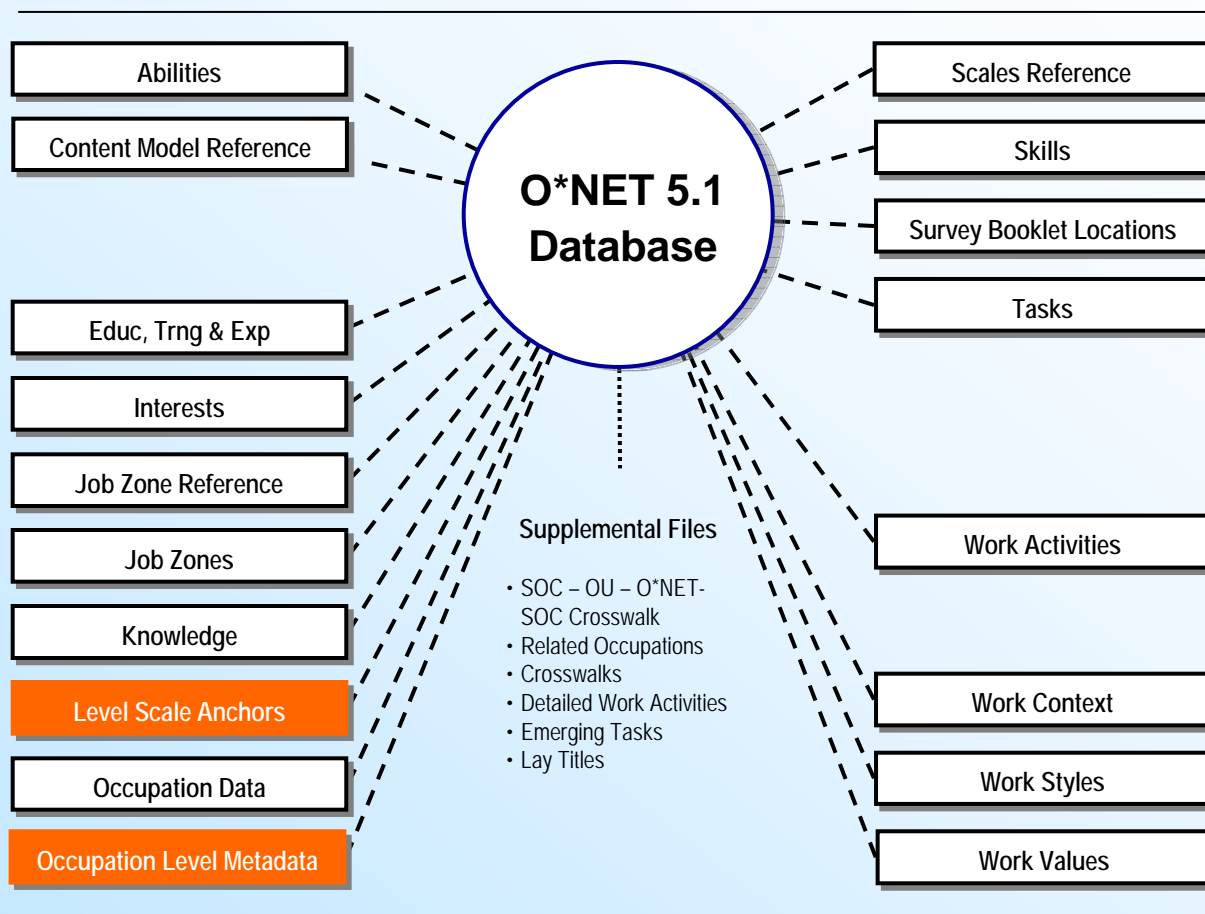
- ❖ Updated Abilities, Work Activities, Knowledge, Skills, and Work Context data (54 occupations)
- ❖ New and revised Task Statements (455 occupations)
- ❖ Addition of Task Statement ratings (54 occupations)
- ❖ Addition of Education, Training, and Experience data (54 occupations)
- ❖ Addition of Work Styles data (54 occupations)
- ❖ Addition of metadata to the file structure to specify source of data and date of update
- ❖ Addition of Detailed Work Activities (974 occupations)
- ❖ Addition of Emerging Task Statements (21 occupations)
- ❖ Addition of Lay titles



# The O\*NET Database Update By Database Release – Version 5.1



- ❖ Updated Tasks for 69 Occupations
- ❖ Updated Job Zones for 54 Occupations
- ❖ Added Occupational Level Metadata
- ❖ Added Item Rating Level Metadata
- ❖ Added Level Scale Anchors
- ❖ Updated Lay Titles



# The O\*NET Database Update By Database Release – 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**

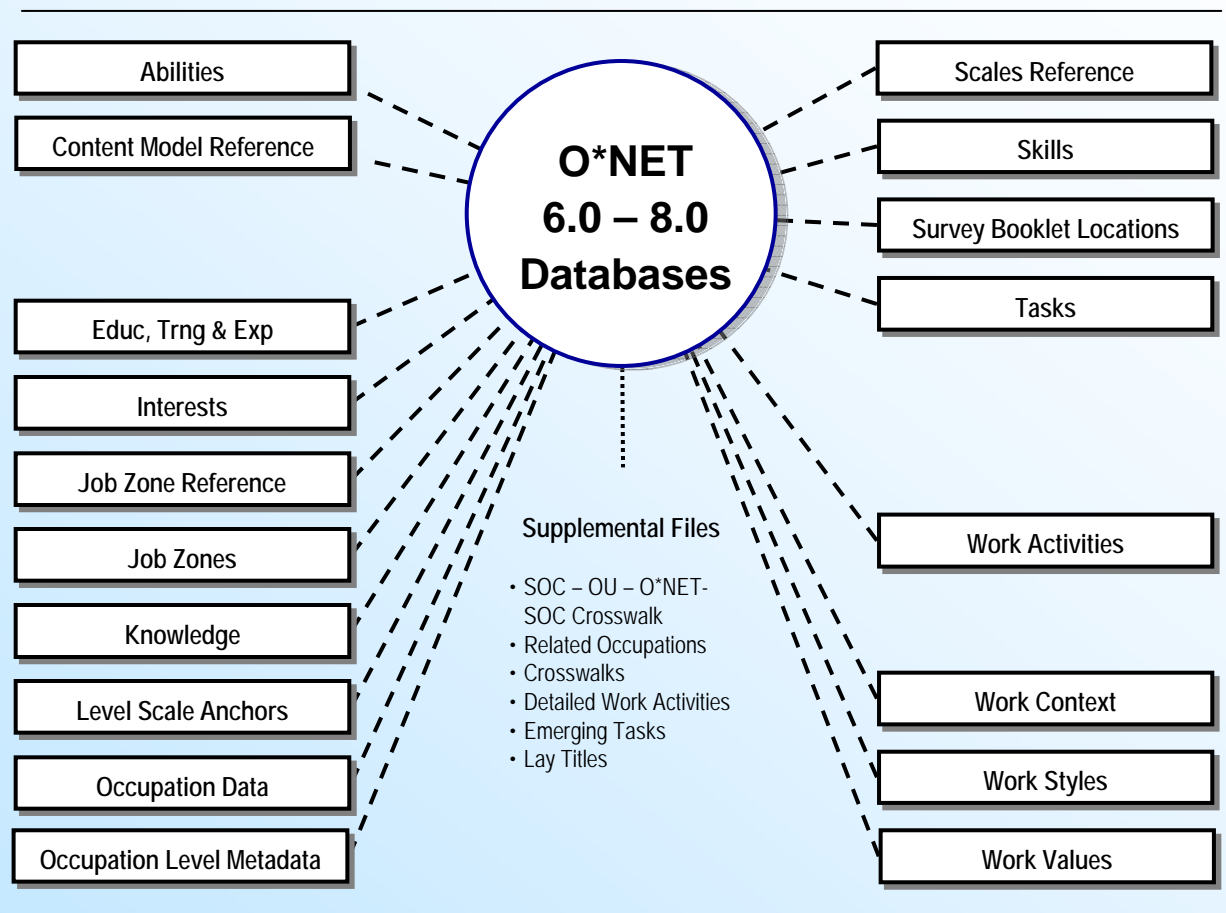
- ❖ Standard Error
- ❖ Lower 95% Confidence Interval Bound
- ❖ Upper 95% Confidence Interval Bound
- ❖ Sample Size
- ❖ Recommended Suppression
- ❖ "Not Relevant for the Occupation" flag

# The O\*NET Database Update

## By Database Release – Versions 6.0 - 8.0



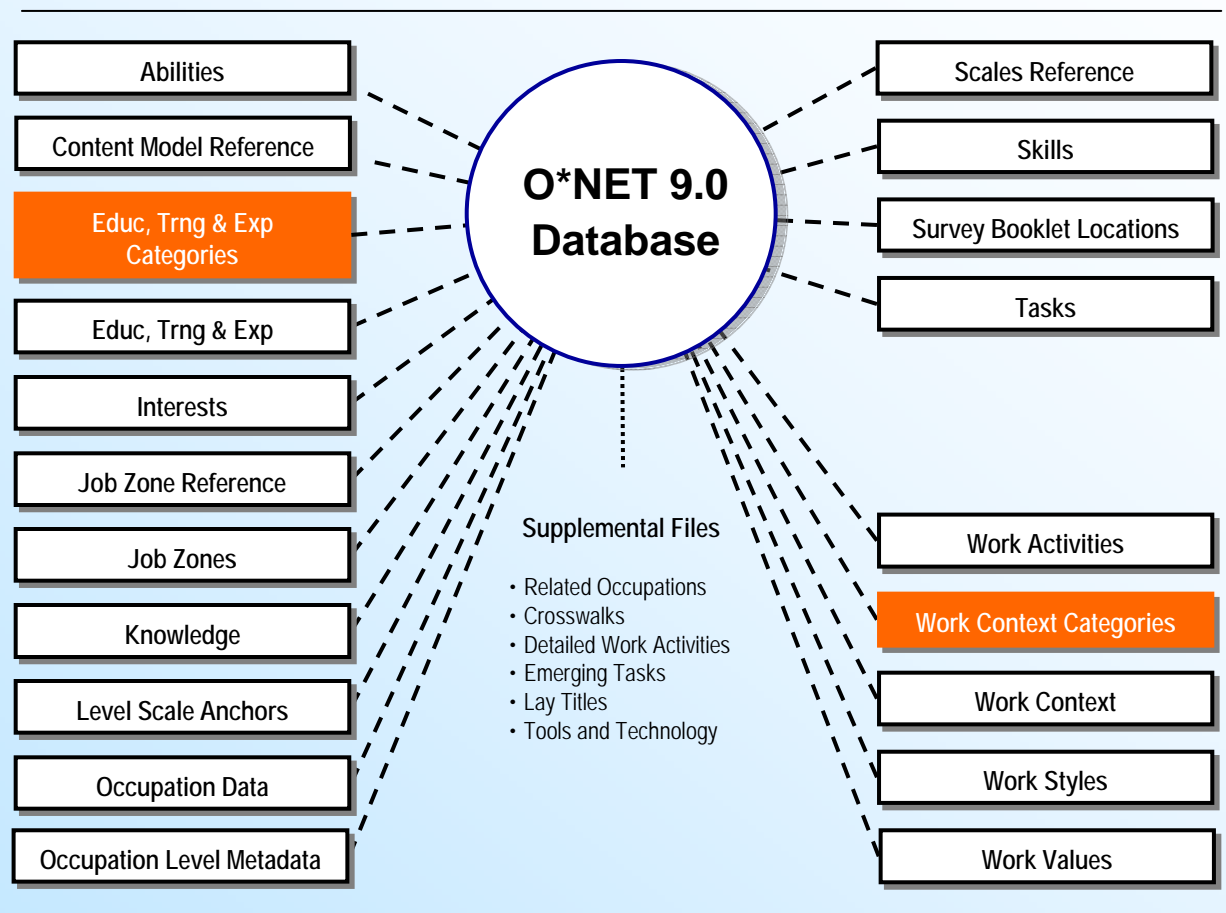
- ❖ Updated Abilities, Work Activities, Knowledge, Skills, and Work Context data (326 occupations)
- ❖ Addition of Work Styles and Task Statement ratings (326 occupations)
- ❖ Addition of new and revised Task Statements (238 occupations)
- ❖ Updated Job Zone data (326 occupations)
- ❖ Addition of Education, Training, and Work Experience (326 occupations)
- ❖ Addition of Emerging Tasks (177 occupations)
- ❖ Updated Lay Titles



# The O\*NET Database Update By Database Release – Version 9.0



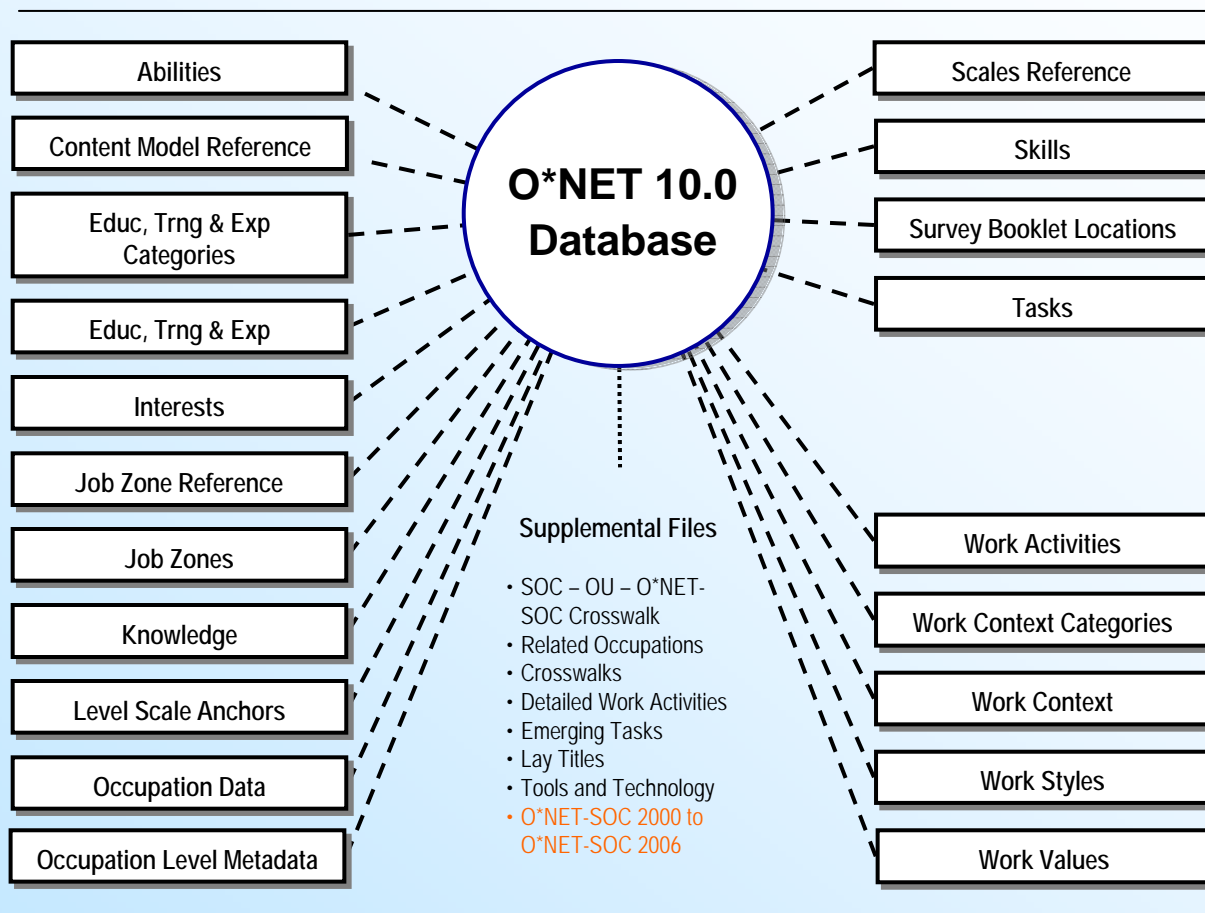
- ❖ Updated Abilities, Work Activities, Knowledge, Skills, Work Context, and Job Zones data (100 occupations)
- ❖ Addition of Work Styles and Task Statement ratings (100 occupations)
- ❖ Addition of new and revised Task Statements (98 occupations)
- ❖ Addition of Education, Training, and Work Experience (100 occupations)
- ❖ Addition of Emerging Tasks (42 occupations)
- ❖ Addition of Tools and Technology (157 occupations)
- ❖ Addition of Work Context and Education, Training, and Work Experience Categories (pre-existing data; new tables)
- ❖ Updated Lay Titles



# The O\*NET Database Update By Database Release – Version 10.0



- ❖ Updated Abilities, Work Activities, Knowledge, Skills, Work Context, and Job Zones data (100 occupations)
- ❖ Addition of Work Styles and Task Statement ratings (100 occupations)
- ❖ Addition of Education, Training, and Work Experience (100 occupations)
- ❖ Addition of Emerging Tasks (39 occupations)
- ❖ Addition of O\*NET-SOC 2000 to O\*NET-SOC 2006 file that maps occupations to the updated O\*NET-SOC taxonomy
- ❖ Updated Lay Titles

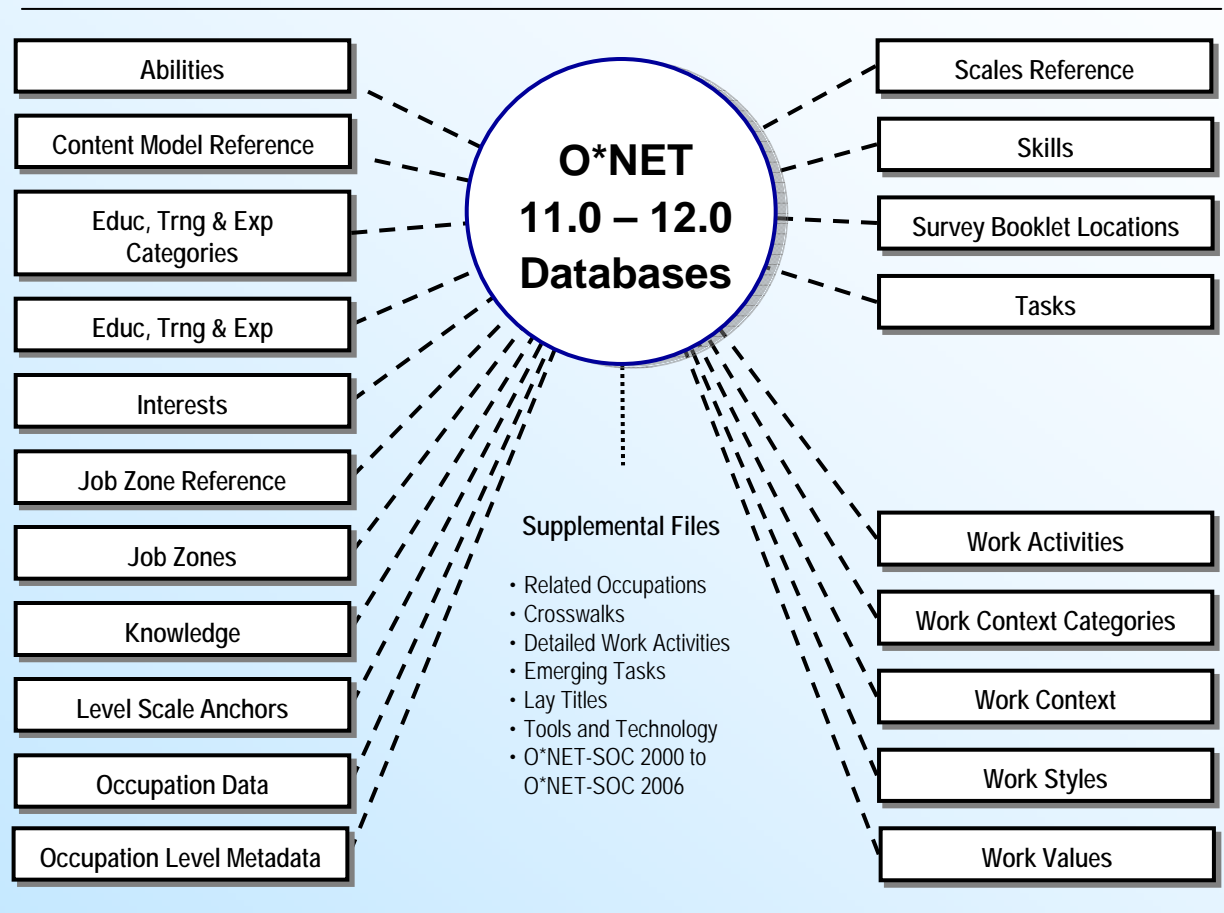


# The O\*NET Database Update



## By Database Release – Versions 11.0 - 12.0

- ❖ Updated Abilities, Work Activities, Knowledge, Skills, Work Context, and Job Zones data (201 occupations)
- ❖ Addition and update of Work Styles and Task Statement ratings (201 occupations)
- ❖ Addition and update of Education, Training, and Work Experience (201 occupations)
- ❖ Addition and update of Emerging Tasks (51 occupations)
- ❖ Addition and update of Tools and Technology (256 occupations)
- ❖ Updated Lay Titles



# The O\*NET Database Update By Database Release – Version 13.0



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

