

# O\*NET Database Update Summary

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

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# The O\*NET Database Update

## 'At a Glance'



<b>O*NET 98</b> (Oct-98)	Release of the original 'Analyst Database' based on the Occupational Employment Statistical (OES) classification – O*NET OU 1998.
<b>O*NET 3.0/3.1</b> (Aug-00/Jun-01)	Database classification converted to Standard Occupational Classification (SOC) standard - O*NET-SOC 2000.
<b>O*NET 4.0</b> (Jun-02)	Release of the final 'Analyst Database' with a revised database structure consistent with the OMB approved Data Collection Program.
<b>O*NET 5.0</b> (Apr-03)	1 <sup>st</sup> update of database from Data Collection Program - a comprehensive update of 54 occupations.
<b>O*NET 5.1</b> (Nov-03)	Occupational level and item level metadata added to the O*NET database.
<b>O*NET 6.0, 7.0, 8.0, 9.0</b> (Jul-04), (Dec-04), (Jul-05), (Dec-05)	2 <sup>nd</sup> , 3 <sup>rd</sup> , 4 <sup>th</sup> , & 5 <sup>th</sup> comprehensive updates of database from Data Collection Program: O*NET 6.0 – 126 occupations, O*NET 7.0 – 100 occupations, O*NET 8.0 – 100 occupations, & O*NET 9.0 – 100 occupations
<b>O*NET 10.0</b> (Jun-06)	6 <sup>th</sup> update of database from Data Collection Program – a comprehensive update of 100 occupations; release of the updated O*NET taxonomy – O*NET-SOC 2006
<b>O*NET 11.0, 12.0, 13.0</b> (Dec-06), (Jun-07), (Jun-08)	7 <sup>th</sup> , 8 <sup>th</sup> , & 9 <sup>th</sup> comprehensive updates of database from Data Collection Program: O*NET 11.0 – 101 occupations; O*NET 12.0 – 100 occupations; & O*NET 13.0 – 108 occupations.
<b>O*NET 14.0</b> (Jun-09)	10 <sup>th</sup> Update of database from Data Collection Program - a comprehensive update of 117 occupations; release of the updated O*NET taxonomy - O*NET-SOC 2009
<b>O*NET 15.0</b> (Jun-10)	11 <sup>th</sup> update of database from Data Collection Program – a comprehensive update of 120 occupations
<b>O*NET 16.0</b> (Jul-11)	12 <sup>th</sup> database update. Comprehensive update of 107 occupations. First database based on the 2010 SOC.

# The O\*NET Database Update



‘At a Glance’

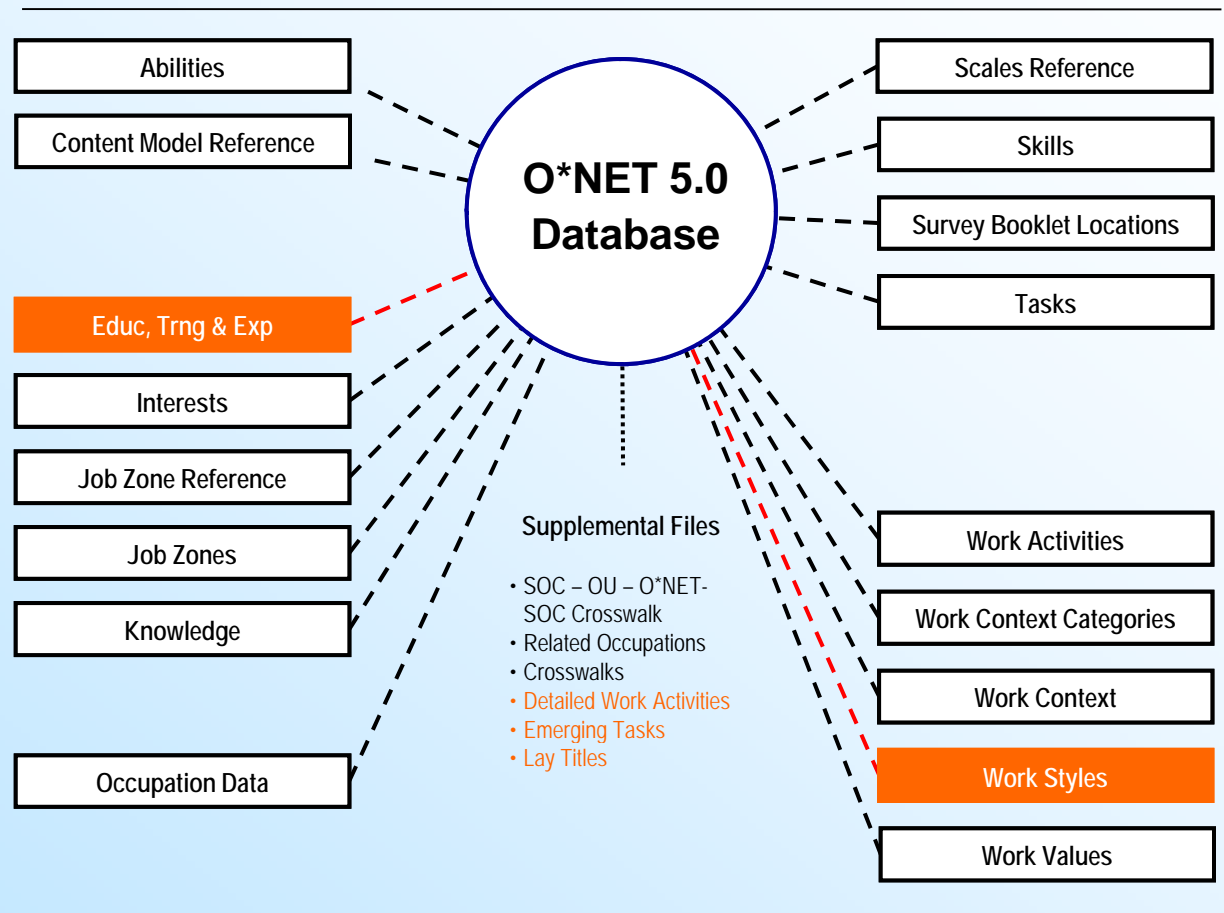
O\*NET Database Versions 5.0 through 16.0

New or Updated O*NET item	O*NET-SOC 2010 Total (974 Data Level 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><li>• Updated <b>Job Zones</b> data</li></ul>	857
Updated <b>Interests</b> and <b>Work Values</b> data	897
Updated <b>Task Statements</b>	974
<b>Supplemental Files</b>	
Updated with <b>Emerging Tasks</b>	279
Addition of <b>Detailed Work Activities</b>	801
Addition of <b>Tools and Technology</b>	622

# 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

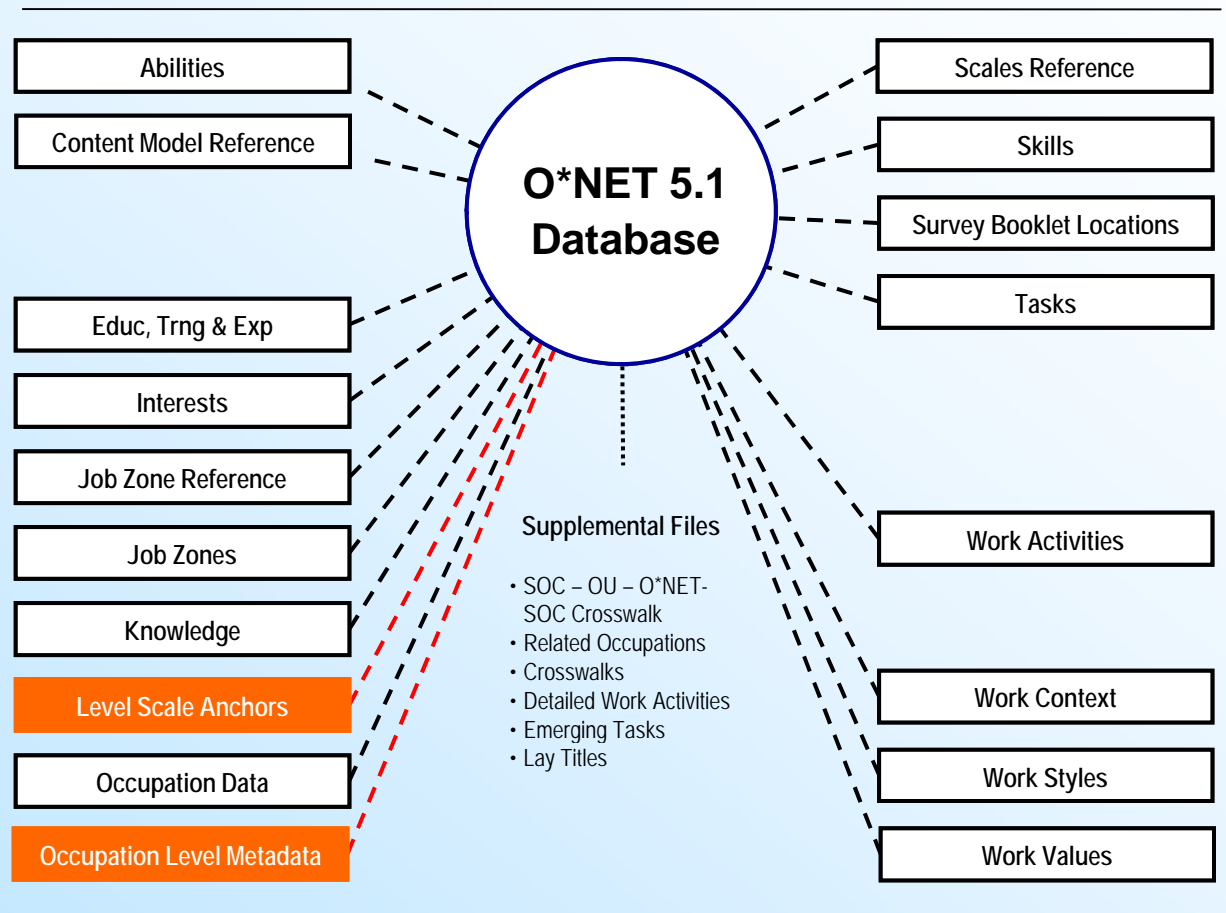


# The O\*NET Database Update

## 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

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### 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**

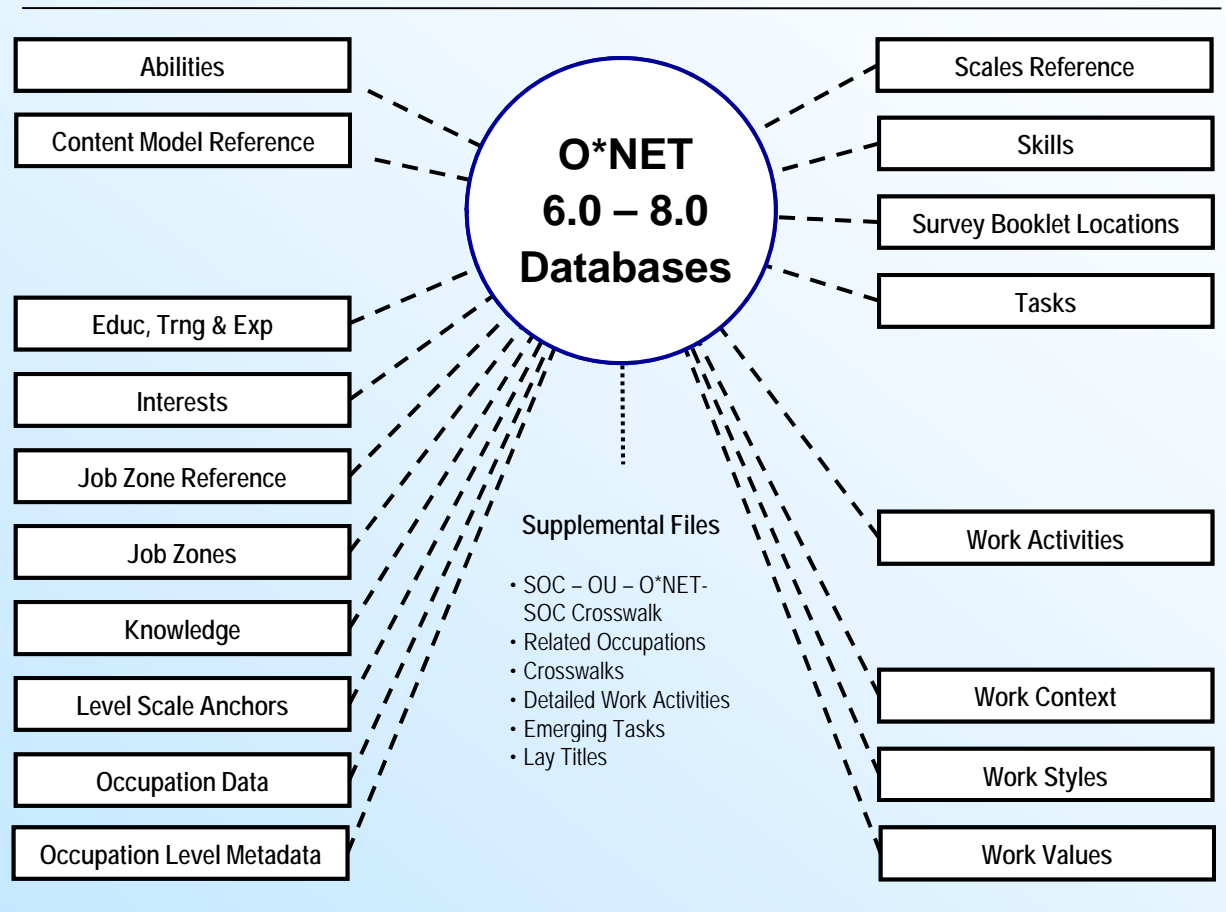
- ❖ Standard Error
- ❖ Lower 95% Confidence Interval Bound
- ❖ Upper 95% Confidence Interval Bound
- ❖ Sample Size
- ❖ Recommended Suppression
- ❖ "Not Relevant for the Occupation" flag

# 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

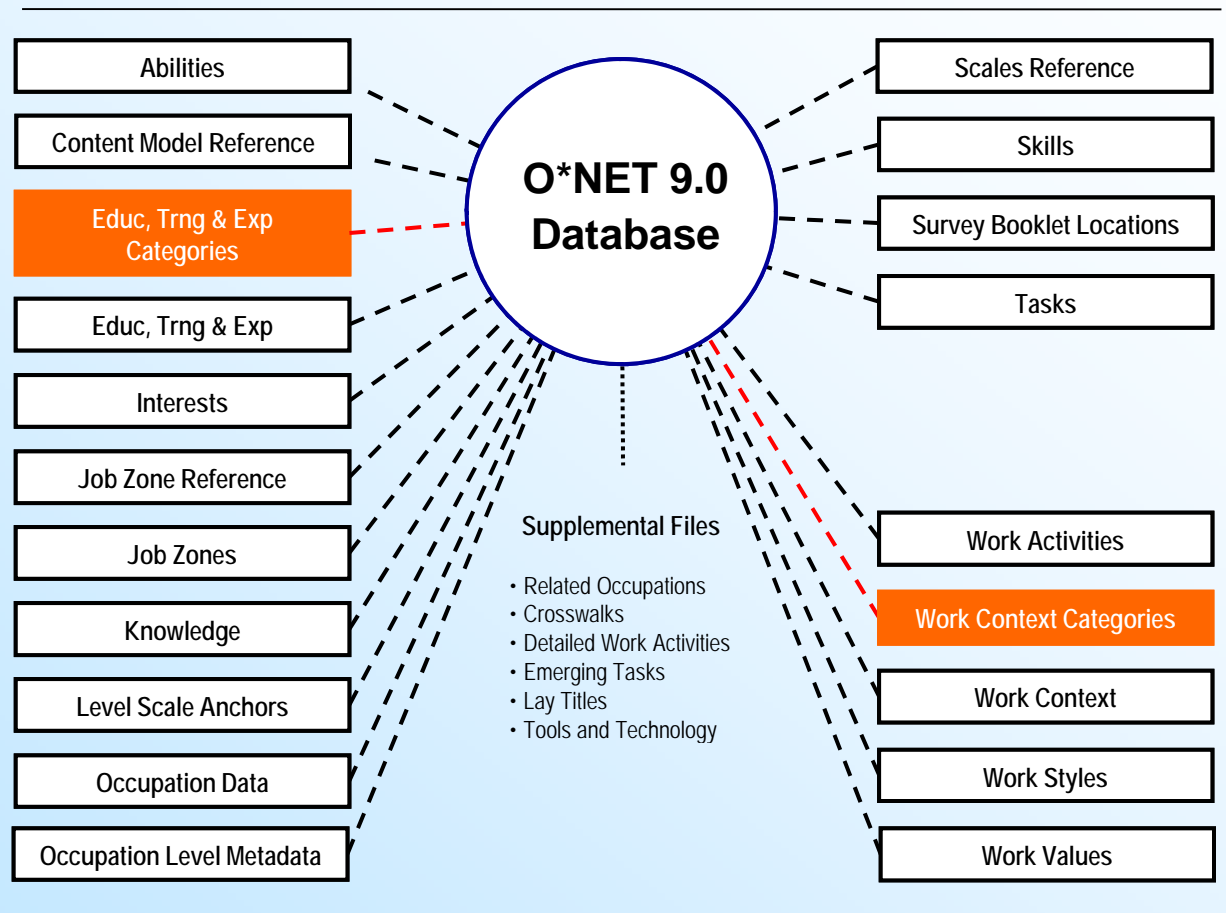


# The O\*NET Database Update

## 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

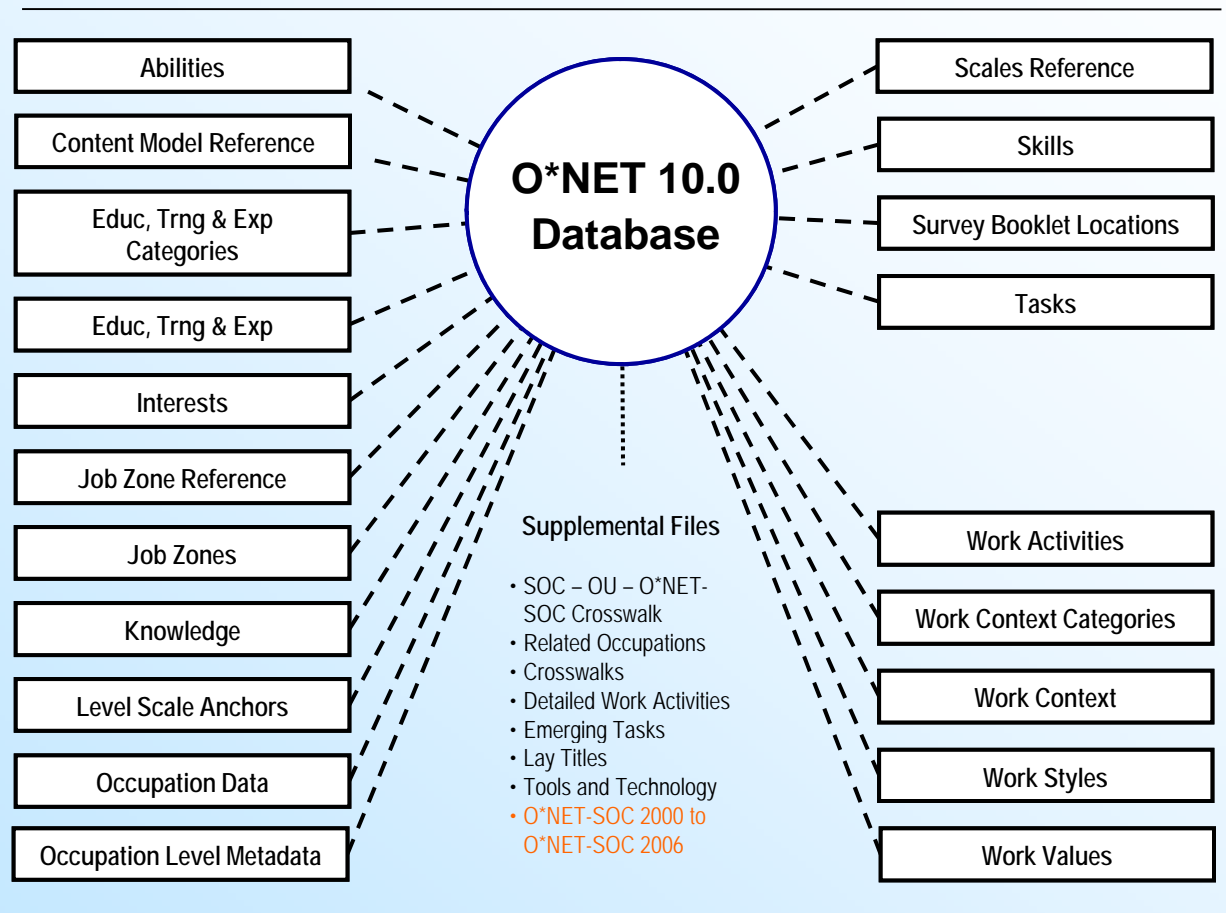


# The O\*NET Database Update



## 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

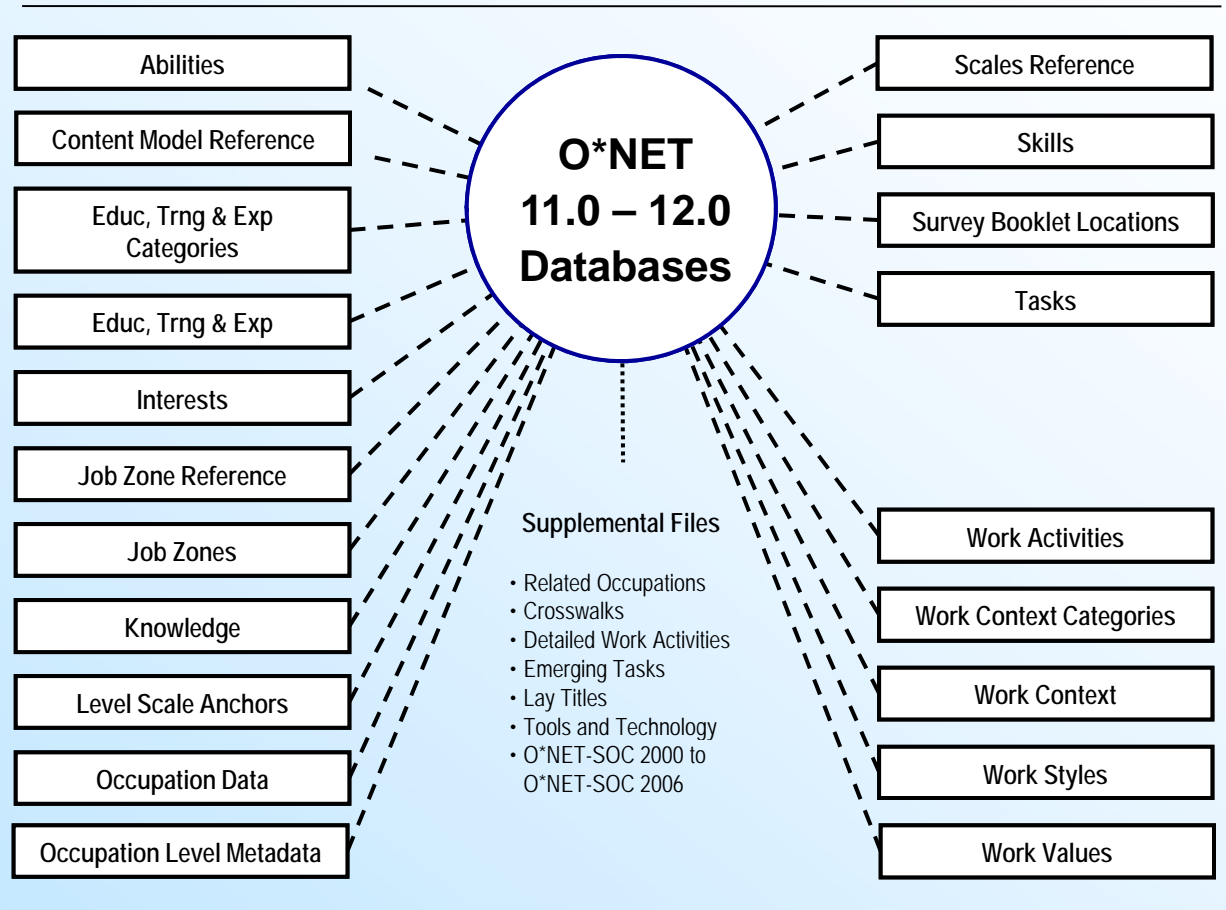


# The O\*NET Database Update



## 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

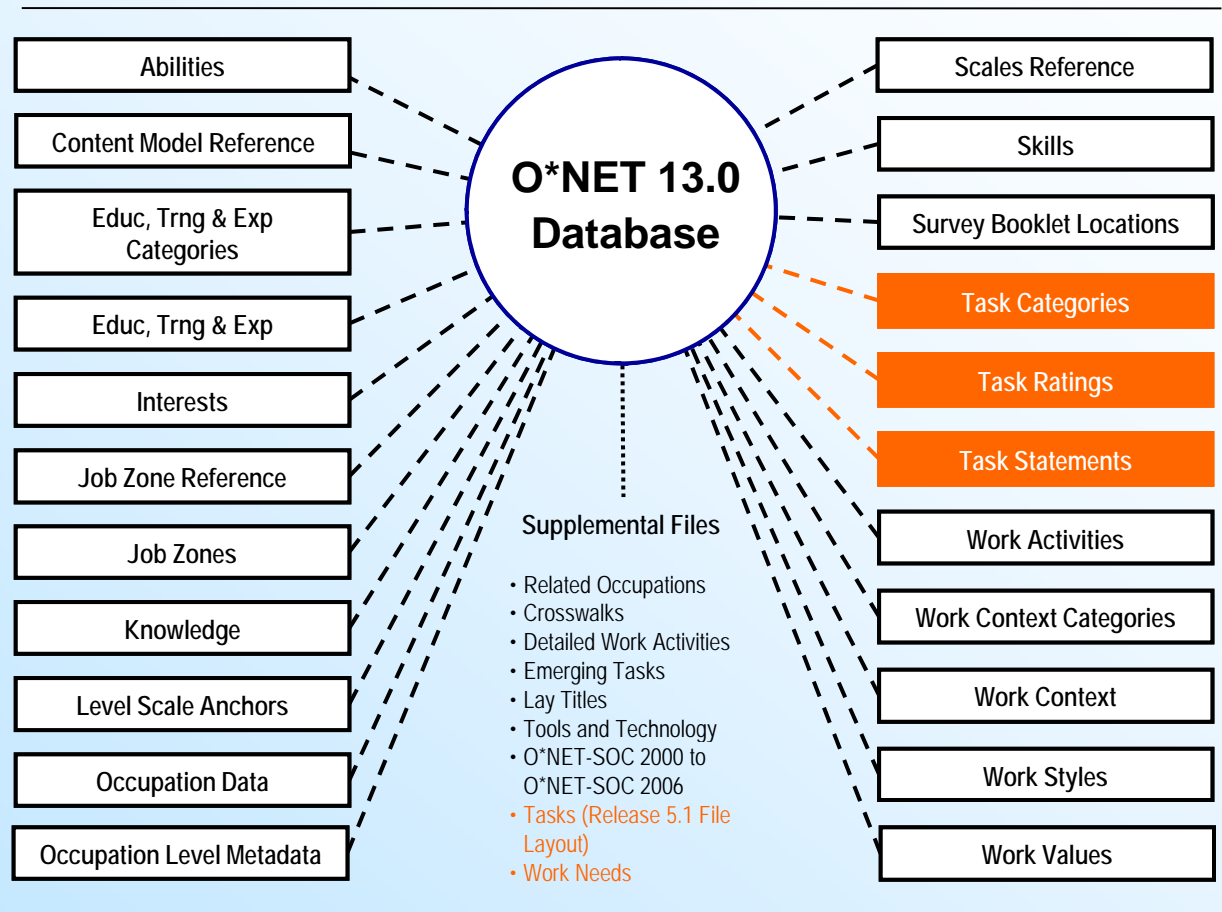


# The O\*NET Database Update

## 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)

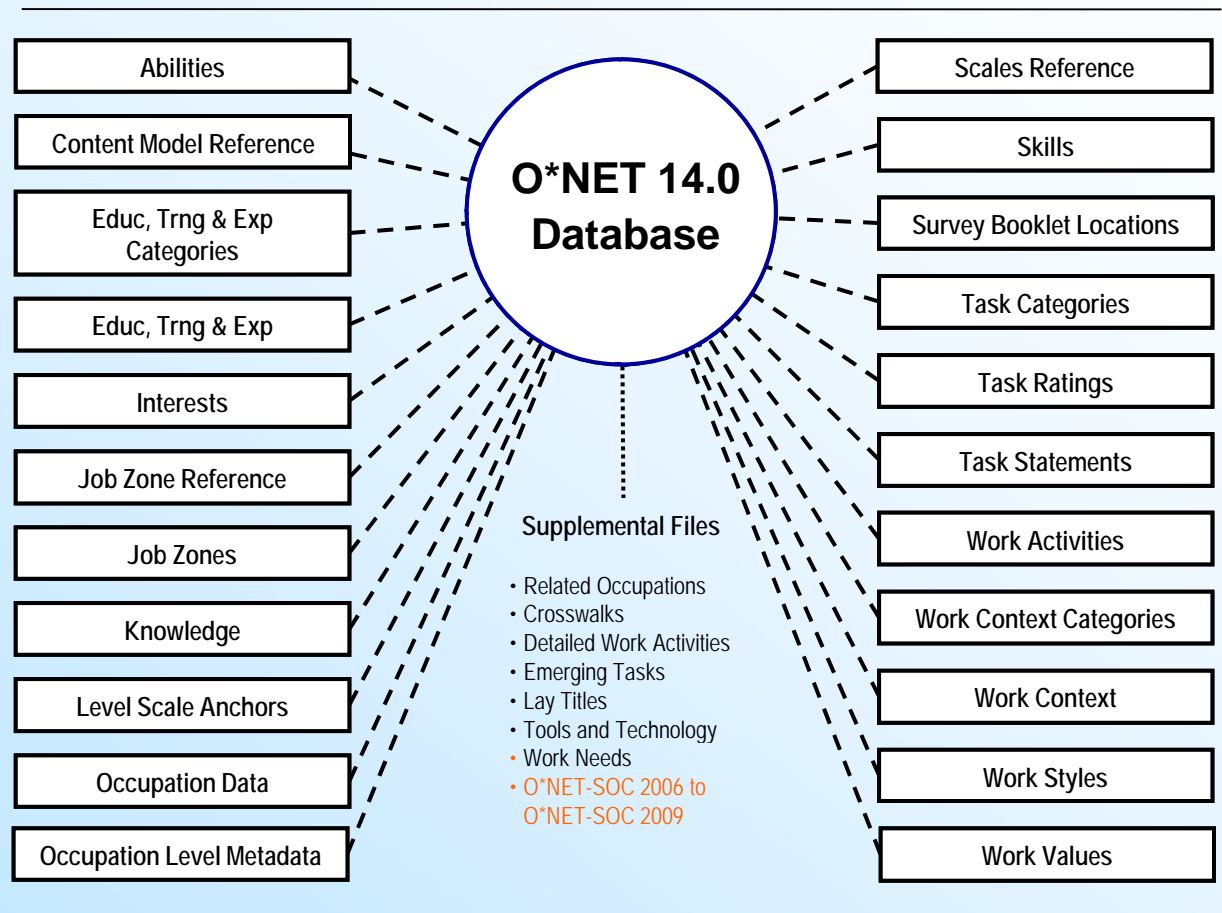


# The O\*NET Database Update



## By Database Release – Version 14.0

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

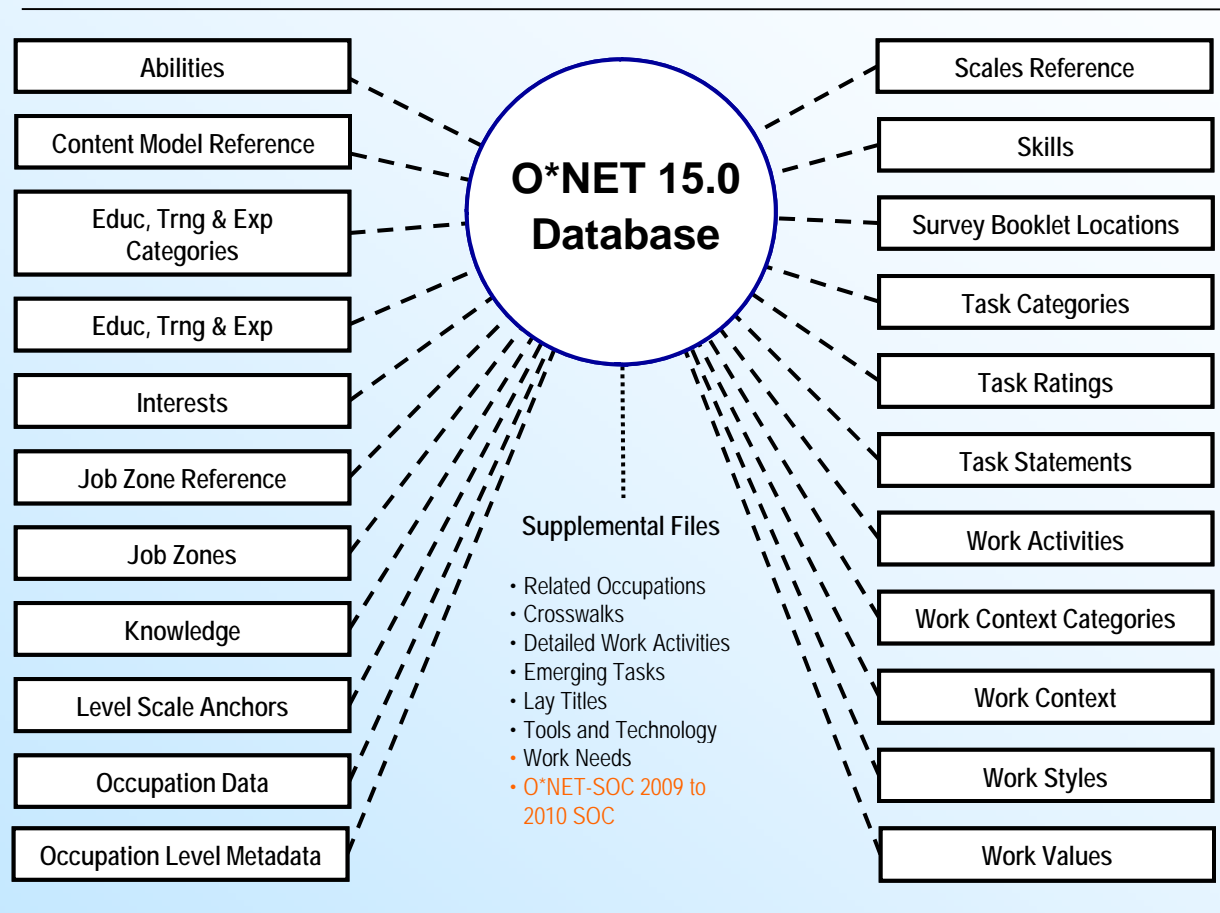


# The O\*NET Database Update

## By Database Release – Version 15.0



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



# The O\*NET Database Update

## By Database Release – Version 16.0



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

