

Supplemental file to the O*NET 5.0 Database Detailed Work Activities (DWAs) Data Dictionary

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Introduction

This document provides a reference to the files available in the O*NET Detailed Work Activities (DWAs) database. It serves as documentation for systems analysts and developers who plan to use the database as a basis for developing other products, software, or system applications.

The data in each file are contained in tab-delimited text fields with column headings in the first row of the file. A list of columns is included, showing the column name used in the file, its data type, and the full name of its content. The data type is taken from the Oracle database management system (DBMS): VARCHAR2, varying-length character string. A description and data example from the file follow the list of columns. This information is provided to describe the data in this file only. It does not represent a database structure, but enables a database developer to select columns for database field and table creation with a database management system (DBMS) of choice.

Each item below corresponds to a file in the DWA database. A list of columns is included, showing the column name used in the file, its data type, and the full name of its content. A description and data example from each file are included.

File Descriptions

1) O*NET Content Model - Work Activity Data

Purpose: This file contains O*NET-Work Activity data as contained in the O*NET 5.0 database.

File Name: CME_code

Column	Type	Column Content
Element ID	VARCHAR2(20)	Work Activity Outline Position in the Content Model
Element Name	VARCHAR2(150)	Work Activity Element Name in the Content Model

This file contains each O*NET Element ID, and O*NET Element Name. They are displayed in two (2) tab-delimited fields with the columns named Element Name and Element ID. Each of the two (2) fields is represented by one (1) row (line of text). There are a total of 41 records or rows of data in this file.

Data Example:

Element ID	Element Name
4.A.1.a.1	Getting Information

2) Detailed Work Activity

Purpose: The data in this file contains Detailed Work Activities. This data was developed to help promote cross-occupational exploration as each DWA is related to more than one occupation.

File Name: DWA_code

Column	Type	Column Content
DWA Code	VARCHAR2(4)	Detailed Work Activity Reference Code
DWA Title	VARCHAR2(150)	Detailed Work Activity Title

This file provides the Detailed Work Activity (2) tab delimited fields with the columns named DWA Code and DWA Title. Each of the two (2) fields is represented by one row (line of text). There are 2165 records or rows of data in this file representing each Detailed Work Activity.

Data Example:

DWA Code	DWA Title
0002	access media advertising services
0003	coordinate social service activities with resource providers
0004	achieve special camera effects

3) DWA-O*NET-Content Model Work Activity Reference

Purpose: The data in this file contains the O*NET database Content Model Work Activity associated with each Detailed Work Activity. This file maps the Content Model Work Activity Descriptor to the Detailed Work Activities. Each DWA is associated with one GWA that most characterizes the DWA.

File Name: DWA_by_CME

Column	Type	Column Content
DWA Code	VARCHAR2(4)	Detailed Work Activity Reference Code
Element ID	VARCHAR2(20)	Work Activity Outline Position in the Content Model

This file provides each Detailed Work Activity code and its corresponding O*NET Work Activity code. Each record is displayed in two (2) tab-delimited fields with the columns named DWA Code and Element ID. Each of the two (2) fields is represented by one row (line of text). There are a total of 2165 records or rows of data in this file.

Data Example:

DWA Code	Element ID
0002	4.A.1.a.1
0003	4.A.4.b.1

4) O*NET-SOC Data

Purpose: This file contains O*NET-SOC data. O*NET-SOC Codes and titles are provided.

File Name: ONET_code

Column	Type	Column Content
O*NET-SOC Code	VARCHAR2(10)	O*NET-SOC Code
O*NET-SOC Title	VARCHAR2(150)	O*NET-SOC Title

This file contains each O*NET SOC code and occupational title. They are displayed in two (2) tab-delimited fields with the columns named O*NET-SOC Code and O*NET-SOC Title. Each of the two (2) fields is represented by one (1) row (line of text). There are a total of 974 records or rows of data in this file.

Data Example:

O*NET-SOC Code	O*NET-SOC Title
11-1011.01	Government Service Executives

5) Detailed Work Activity - O*NET SOC Data

Purpose: Each Detailed Work Activity is mapped to the O*NET SOC Data.

File Name: ONET_by_DWA

Column	Type	Column Content
O*NET-SOC Code	VARCHAR2(10)	O*NET-SOC Code
DWA Code	VARCHAR2(4)	Detailed Work Activity Reference Code

The data in this file links the Detailed Work Activity codes to O*NET-SOC occupations requiring the activity. It is displayed in two (2) tab-delimited fields with the columns named O*NET-SOC Code and DWA Code. Each of the two (2) fields is represented by one row (line of text). There are a total of 29974 records or rows of data in this file.

Data Example:

O*NET-SOC Code	DWA Code
11-2011.00	0002
11-9141.00	0002
13-1011.00	0002
27-3031.00	0002
35-9031.00	0002
41-1011.00	0002
41-1012.00	0002