Detailed Work Activities (DWAs)
July 2011

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.

O*NET-SOC 2010 taxonomy

Note: These files are based on the O*NET-SOC 2010 taxonomy, which is used by O*NET database releases 15.1 and later. If you use these files with O*NET 15.0 or earlier, you may notice differences in occupational codes and titles. For more information about the O*NET-SOC 2010 taxonomy, and supplemental files compatible with earlier O*NET databases, please visit the O*NET Resource Center at http://www.onetcenter.org.

File Structure

Each file in the DWAs package is described in this document. A list of columns is included, showing the column name used in the file, its data type, and a description of the column content. A description and data example for each file are also included.

The data types specified in the file structures are ANSI (American National Standards Institute) compliant. The following data types are used in this document:

Character:	fixed-length character string
Character Varying:	varying-length string

Each file contains tab delimited fields in the above data types.

Content Model Reference

Purpose: This file contains Work Activity elements from the O*NET Content Model.

File Name: Content Model Reference.txt

Structure and Description:

Column	Type	Column Content
Element ID	Character Varying(20)	Work Activity outline position in the Content Model
Element Name	Character Varying(150)	Work Activity element name in the Content Model

This file contains a subset of the Content Model published in the O*NET database. The ID and name of each content model element representing a Work Activity is included. Detailed Work Activities are linked to these generalized Work Activities in the "DWAs to Content Model" file.

The file contains 2 tab delimited fields, identified using the column names provided above. The 2 fields are represented by one row. There are a total of 41 rows of data in this file.

Data Example:

Element ID	Element Name
4.A.1.a.1	Getting Information
4.A.1.a.2	Monitor Processes, Materials, or Surroundings
4.A.1.b.1	Identifying Objects, Actions, and Events
4.A.1.b.2	Inspecting Equipment, Structures, or Material
4.A.1.b.3	Estimating the Quantifiable Characteristics of Products, Events, or Information

DWA Reference

Purpose: This file contains the code and title of each Detailed Work Activity.

File Name: DWA Reference.txt

Structure and Description:

Column	Type	Column Content
DWA Code	Character(4)	Detailed Work Activity reference code
DWA Title	Character Varying(150)	Detailed Work Activity title

This file contains a listing of each Detailed Work Activity. This data was developed to help promote cross-occupational exploration as each DWA is related to more than one occupation. The reference code is used in other files to link DWAs to Work Activities and occupations.

The file contains 2 tab delimited fields, identified using the column names provided above. The 2 fields are represented by one row. There are a total of 2,164 rows of data in this file.

Data Example:

DWA Code	DWA Title
0002	access media advertising services
0003	coordinate social service activities with resource providers
0004	achieve special camera effects
0005	adhere to government aviation regulations
0007	adhere to safety procedures

DWAs to Content Model

Purpose: This file links each Detailed Work Activity to a Content Model Work Activity.

File Name: DWAs to Content Model.txt

Structure and Description:

Column	Type	Column Content
DWA Code	Character(4)	Detailed Work Activity reference code
Element ID	Character Varying(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. Every DWA is linked to exactly one Work Activity from the O*NET database Content Model.

The file contains 2 tab delimited fields, identified using the column names provided above. The 2 fields are represented by one row. There are a total of 2,164 rows of data in this file.

Data Example:

DWA Code	Element ID
0002	4.A.1.a.1
0003	4.A.4.b.1
0004	4.A.2.b.2
0005	4.A.2.a.3
0007	4.A.2.a.3

Occupation Reference

Purpose: This file contains the code and title of each O*NET-SOC occupation.

File Name: Occupation Reference.txt

Structure and Description:

Column	Type	Column Content
O*NET-SOC Code	Character(10)	O*NET-SOC reference code
O*NET-SOC Title	Character Varying(150)	O*NET-SOC occupational title

This file provides a subset of O*NET-SOC occupations from the O*NET database. The occupations listed in this file are linked to one or more Detailed Work Activities.

The file contains 2 tab delimited fields, identified using the column names provided above. The 2 fields are represented by one row. There are a total of 801 rows of data in this file.

Data Example:

O*NET-SOC Code	O*NET-SOC Title
11-1011.00	Chief Executives
11-1021.00	General and Operations Managers
11-1031.00	Legislators
11-2011.00	Advertising and Promotions Managers
11-2021.00	Marketing Managers

Occupations to DWAs

Purpose: This file links each O*NET-SOC occupation to Detailed Work Activities.

File Name: Occupations to DWAs.txt

Structure and Description:

Column	Type	Column Content
O*NET-SOC Code	Character(10)	O*NET-SOC reference code
DWA Code	Character(4)	Detailed Work Activity reference code

This file maps each Detailed Work Activity to the O*NET-SOC occupations requiring that activity. The occupation and DWA data can be referenced by code to other files in this package.

The file contains 2 tab delimited fields, identified using the column names provided above. The 2 fields are represented by one row. There are a total of 26,869 rows of data in this file.

Data Example:

O*NET-SOC Code	DWA Code
11-1011.00	0027
11-1011.00	0068
11-1011.00	0069
11-1011.00	0071
11-1011.00	0239