

Sources of Data to Supplement PDE Data

THE PHARMACY AND PRESCRIBER CHARACTERISTICS FILES

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Acronyms

- **CCW – Chronic Condition Warehouse**
- **Buccaneer**
- **PDE – Part D Event**
- **NPI – National Provider Identifier**
- **DEA – Drug Enforcement Administration**
- **UPIN – Unique Provider Identification Number**
- **NCPDP - National Council for Prescription Drug Programs**
- **NUCC – National Uniform Claims Committee**

Review of Characteristics Files

- **Unencrypted Provider (Pharmacy) and Prescriber identifiers will not be released to external researchers.**
- **Encrypted variables cannot be linked to outside data sources such as NPI, DEA or UPIN files OR linked to other Part A or B data file variables.**
- **CCW provides information regarding the prescriber and the pharmacy due to encryption of variables in PDE file.**

Sources for Characteristics Files

- The primary source data for the CCW Prescriber Characteristics File is the National Council for Prescription Drug Programs (NCPDP) HCIDEA™ PRESCRIBER DATABASE FILE STANDARD.
- Taxonomy codes are assigned by the National Uniform Claims Committee (NUCC).

Sources for Characteristics Files

- **CCW Pharmacy data source is an end-of-year snapshot of the historical NCPDP DATAQ™ Pharmacy Database File Standard.**
- **CCW has obtained permission from the NCPDP to release information for research purposes.**

Encrypted Identifiers

- **When the PDE data was first released there were 4 variables to identify provider and prescriber available in the data.**
 - **Service Provider ID (Encrypted)**
 - **Service Provider ID Qualifier**
 - **Prescriber ID (Encrypted)**
 - **Prescriber ID Qualifier**

Encrypted Identifiers

- **By the end of 2010, CCW created the Pharmacy Characteristic and Prescriber Characteristic files back to 2006.**
- **In turn, 2 new encrypted identifiers were created – the CCW Pharmacy ID and the CCW Prescriber ID.**
- **Both IDs are encrypted differently than their predecessor.**

Encrypted Identifiers

- For researchers that have already received PDE data and request characteristic files at a later date, a cross-walk file is also included with the characteristic files.
- This cross-walk file contains variables needed to cross-walk the PDE record to the CCW new encrypted variable for the respective file.
- Variables: PDE_ID, Bene_ID, Service Date, CCW Prescriber/Pharmacy ID, and PDE Prescriber Format Code.

Pharmacy Characteristic File

- Useful to determine:
- Type of dispenser
- State location of dispenser
- Relationship to a parent organization
- File can change from year to year, so be sure to use respective annual file

Pharmacy Characteristic File

Dispenser Class

- **The Dispenser Class Code is self-designated and is not related to taxonomy codes.**
- **Most classified as either a Chain pharmacy (61%) or an independent pharmacy (35%)**

Pharmacy Characteristic File

Primary Dispenser Type

- **More detailed than Dispenser Class**
- **Related to taxonomy codes**
- **Identifies Community/Retail pharmacy, Long Term Care pharmacy, Mail Order pharmacy**
- **Examples:**
 - 3336C0003X – Community/Retail Pharmacy
 - 3336L0003X - Long Term Care Pharmacy
 - 332800000X – Mail Order Pharmacy

Pharmacy Characteristic File

Primary Taxonomy Code

- Or you can use specific Taxonomy code
- Must link to taxonomy code list to identify
- Same results as Dispenser Type

Pharmacy Characteristic File

Relationship Information

- **Four Variables**
 - Relationship ID
 - Relationship From Date
 - Relationship Thru Date
 - Relationship Type

Pharmacy Characteristic File

Relationship Information

- Relationship ID is an encrypted variable that allows you to group chain pharmacies under a parent organization.
- Beginning /ending date of relationship in file
- Encryption same across years
- Cannot identify name of parent organization
- Relationship Type identifies whether it is a chain (~98%) or a franchise (~2%). Blank if provider has no chain or franchise relationships.

Relationship ID

Relationship Type=02 (Franchise)

Encrypted Relationship ID

RELATIONSHIP_ID	Frequency	Percent	Cumulative	Cumulative
			Frequency	Percent
9xe	591	62.01	591	62.01
e8e	3	0.31	594	62.33
k9o	177	18.57	771	80.9
o9D	5	0.52	776	81.43
odd	5	0.52	781	81.95
oo9	4	0.42	785	82.37
r9x	49	5.14	834	87.51
rol	107	11.23	941	98.74
rrx	9	0.94	950	99.69
xkx	3	0.31	953	100

CCW Prescriber Characteristics File

Prescriber Characteristic File

- **Contains 3 useful variables**
 - **Primary Taxonomy Codes with Description**
 - **Practice State listed as 2 CHAR Alpha code**
 - **Credentials**

Prescriber Characteristic File

Primary Taxonomy Code

- **Prescriber Specialty is listed under Taxonomy Codes and not the Specialty code used in Part B data.**
- **Examples**
 - 207Q00000X – Family Medicine
 - 207R00000X – Internal Medicine
 - 207RC0000X – Cardiovascular Disease
 - 2084P0800X - Psychiatry

Prescriber Characteristic File

- **Credentials** – lists up to 5 but only the first is well populated.
- **Examples**
 - MD
 - DO
 - PA
 - NP

Resources

- For the National Uniform Claims Committee (NUCC) Provider Taxonomy Codes and Descriptions see the Code Sets link at <http://www.nucc.org/>