

Data Refuge Data Catalog Acronym Controlled Vocabulary (v02)

Version v02 (2020.05.31) of the Abbreviation Controlled Vocabulary can accurately describe all data packages that were harvested from the U.S. Environmental Protection Agency (EPA [B2]).

1. Introduction and Use

1.1 What is the Acronym Controlled Vocabulary?

The Acronym Controlled Vocabulary is in development to provide guidance for indexing Data Refuge Data Catalog objects to improve trust and interoperability of the catalog. Based on needs defined by Data Refuge stakeholders, the Acronym Controlled Vocabulary is composed solely of abbreviated terminology found in the existing descriptive metadata of the catalog.

This controlled vocabulary is not meant to serve as a comprehensive thesaurus of either governmental organizations or their data and information resources and programs. It is entirely reflective of information that directly pertains to data packages harvested during Data Refuge rescue events and is meant to allow for multiple individuals to work on the descriptive metadata of objects ensuring consistency.

The Acronym Controlled Vocabulary is not complete but is formatted to allow for revisions and additions with little issue. For more information, review **Adding and Revising the Acronym Controlled Vocabulary (1.6)**.

1.2 What was used to construct the Acronym Controlled Vocabulary?¹

Constructing the Acronym Controlled Vocabulary involved analysis of descriptive metadata and source links within the Data Refuge Data Catalog for any named agencies, organizations, programs, or information resources. Once these were identified, the terms collected were checked against EPA for validity, relevance, and potential disambiguation issues. The final step was confirmed acronyms using the [EPA System of Registries](https://ofmpub.epa.gov/sor_internet/registry/sysofreg/home/overview/home.do)² [Terms & Acronyms resource](https://ofmpub.epa.gov/sor_internet/registry/termreg/searchandretrieve/termsandacronyms/search.do).³ For information that was found to be within the scope of the EPA, but not a sole EPA entity, [USA.gov](https://www.usa.gov/)⁴ was used to identify governing agencies and relevant resources accordingly.

¹ Information in this section is specific to information used to complete version **v02**. Additional sources should be added as the controlled vocabulary is expanded.

² https://ofmpub.epa.gov/sor_internet/registry/sysofreg/home/overview/home.do

³ https://ofmpub.epa.gov/sor_internet/registry/termreg/searchandretrieve/termsandacronyms/search.do

⁴ <https://www.usa.gov/>

1.3 Contents of the Acronym Controlled Vocabulary

1.3.1 Preferred Terms

Preferred terms, also called indexing terms or descriptors, are standardized words or phrases that can be used to describe an object and then used to search within a catalog of all works indexed using the same thesaurus (or controlled vocabulary). With preferred terms, the same word is used to describe the same concept across the entire domain (in this instance, Data Refuge Data Catalog); thus, the ability to discover items within a catalog becomes much easier and the user will be able to find materials that might not have been found otherwise due to inconsistent vocabulary.

Since this controlled vocabulary is intended to be used primarily for indexing to meet needs of Data Refuge stakeholders, abbreviations and acronyms for organizations, programs, and services have been preferred when possible. Preferred terms in this thesaurus are largely agents and products and adhere to the following:

- Abbreviations lack punctuation between abbreviated words (e.g. E.P.A. versus **EPA [B4]**)
- Non-abbreviated terms adhere to American English spelling standards; additional spellings, as relevant, are treated as non-preferred terms.
- Tense and pluralization of terms is not defined as most terms are agents and products consisting of outside naming structures
- Apostrophes, hyphens, and accents, are presently included where relevant and are subject to addition as the thesaurus grows

1.3.2 Non-Preferred Terms

Non-preferred terms are terms that are used in the domain of the Data Refuge Data Catalog, but aren't used as indexing terms in this controlled vocabulary. Non-preferred terms are largely long-form spelling of acronyms; they may also be synonyms of preferred terms or terms for similar, but not identical, concepts. In addition, non-preferred terms can be narrower concepts that are related to, but can be embodied by, broader-concept preferred terms.

1.3.3 The Classified Schedule

The Classified Schedule is a formal list of all preferred terms for this controlled vocabulary. The Classified Schedule communicates the relationships among preferred terms and thereby where they are conceptually situated in the Data Refuge Data Catalog and the associated sources for data packages. Terms are broadly organized into three thematic groups (which are called facets), and then presented in hierarchies of increasing specificity.

For further discussion, see **Reading Entries in Acronym Controlled Vocabulary (1.5)** below. Browse the Classified Schedule if you would like to familiarize yourself with terms common to the Data Refuge Data Catalog or get a sense of how you might apply these terms.

1.3.4 The Alphabetical Schedule

The Alphabetical Schedule is a formal list of preferred and non-preferred terms intended to assist users in locating and selecting the best preferred terms for their specific needs. All terms are presented in alphabetical order; preferred terms are in **boldface** and non-preferred terms are in non-bold type. Entries for non-preferred terms will refer you to the best preferred term to use instead, and entries for preferred terms will provide referrals to other conceptually or hierarchically related preferred terms as well as, in some cases, definitions and/or recommendations for how to use the term.

For further discussion, see **Reading Entries in Acronym Controlled Vocabulary (1.4)** below. Browse the Alphabetical Schedule to see relevant terms for data package organization sources (e.g. EPA [B2]) that may not be discovered otherwise.

1.4 Reading Entries in the Acronym Controlled Vocabulary

1.4.1 Alphabetical Schedule Entries

Entries for preferred terms in the Alphabetical Schedule include a variable set of elements to further describe the term's intended usage and its relationship to broader and narrower concepts. Preferred term entries can include any or all of the following, as relevant:

- A **Scope Note (SN)**, which clarifies how this term is intended to be used for indexing, and delineates it from other terms in the controlled vocabulary.
- **Use For (UF)** terms, which are the non-preferred terms for which the preferred term should be used—these terms are non-bolded in the schedule.
- A **Broader Term (BT)** is another preferred term that is conceptually broader; a BT is derived from the hierarchy within the Classified Schedule and is also represented within the Alphabetical Schedule.
- **Narrower Term(s) (NT)** are preferred terms that are conceptually narrower; NTs are derived from the hierarchy within the Classified Schedule and are also represented within the Alphabetical Schedule.
- **Related Terms (RT)** are preferred terms that are conceptually or functionally related and therefore of potential interest or relevance; RTs are also represented within the Alphabetical Schedule.

All preferred terms in the Alphabetical Schedule are accompanied by a **bracketed notation** (for example, [B2D]) that directs the user to the location of that term in the Classified Schedule. The notation reflects the position of the term within the hierarchy presented in the Classified Schedule—when entering the Classified Schedule, use the first letter of the notation as an initial orienting device to guide you to the appropriate facet, and work from there.

Example of a preferred term entry in the Alphabetical Schedule.

Notation	Example from schedule
Preferred term [Bracketed notation] SN Scope note UF Use for terms (non-preferred) BT Broader term (preferred) NT Narrower terms (preferred) RT Related terms (preferred)	NPDES [B2D] SN For instances of ICIS-NPDES (Integrated Compliance Information System - National Pollutant Discharge Elimination System), use ICIS [C7] + NPDES [B2D] . UF National Pollutant Discharge Elimination System BT EPA [B2] NT CAFO [B2D2] DMR [B2D1] RT ICIS [C7]

Each entry for a non-preferred (UF) term in the Alphabetical Schedule presents the term aligned to the left but in non-bold type and with no capitalization; it contains a recommendation for the preferred term to use in its place (USE).

Example of a non-preferred (UF) term entry in the Alphabetical Schedule.

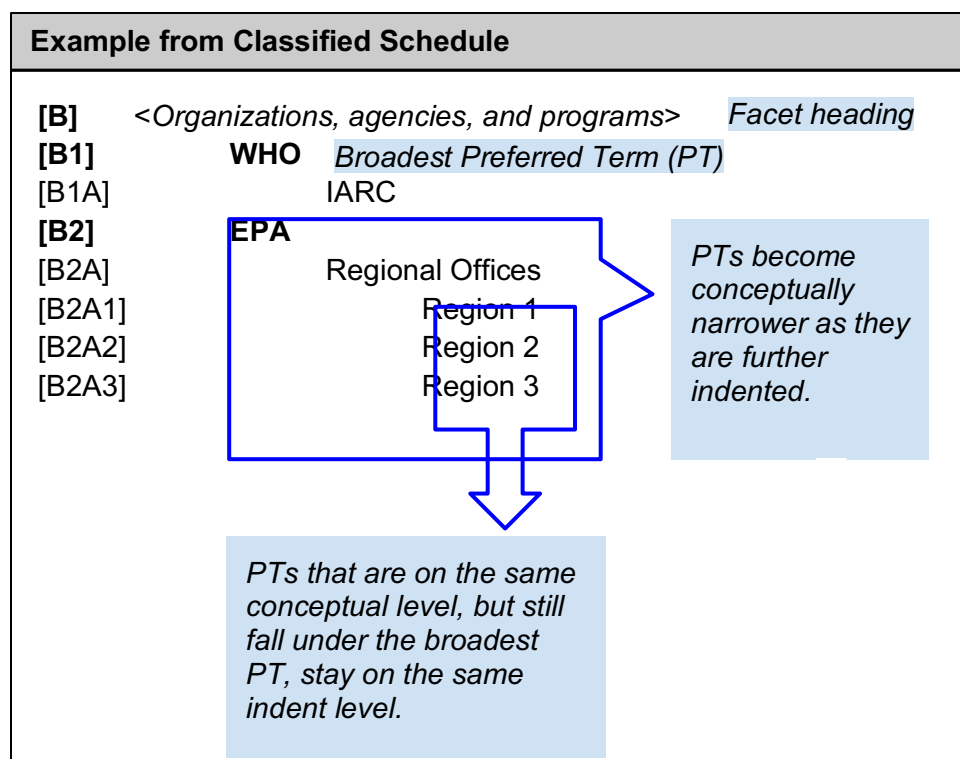
Notation	Example from schedule
Non-Preferred Term USE Preferred Term	Animal Feeding Operations USE CAFO [B2D1]

1.4.2 Classified Schedule Entries

Each facet section in the Classified Schedule presents a facet heading (indicated by *<italicized angle brackets>*) followed by the set of preferred terms (PT) that fall within that heading. Increasing indentation represents the hierarchical relationships between terms and the broadest terms within the hierarchy are **bolded** (see **WHO [B1]** in the diagram below). All terms in the Classified Schedule are accompanied by a bracketed notation (for example, [B1A]) that is meant to assist you in moving between the Alphabetical and Classified Schedules.

Consider **Regional Offices [B2A]** in the diagram below. Regional offices are agencies within the EPA and as such **Regional Offices** is a narrower term in relation to **EPA [B2]**, and is represented by a single indentation. This narrowing of relationships continues with **Region 1 [B2A1]**, **Region 2 [B2A2]**, and **Region 3 [B2A3]**. **Region 1**, **Region 2**, and **Region 3** exist at the same level in the hierarchy because they are all conceptually similar agencies.

Example facet and hierarchy in the Classified Schedule.



1.5 Using the Acronym Controlled Vocabulary for Indexing Data Refuge Data Catalog Objects

This controlled vocabulary works with a post-coordinate structure. Individual terms in the thesaurus are simple building blocks and users have the opportunity to combine them in order to create more complex descriptions. An example of how to build a complex description is seen in the Alphabetical Schedule entry below. ICIS-NPDES is a specific type of data that can be pulled from ICIS. Since these are linked, combining the two acronyms, instead of having a third term, creates the same result in description and searching. Not all post-coordinate suggestions will be available in the scope notes, but the same process can apply throughout the controlled vocabulary.

ICIS [C7]	
SN	Use for all data packages that specifically name ICIS and those that are sourced from ICIS. For instances of ICIS-NPDES (Integrated Compliance Information System - National Pollutant Discharge Elimination System), use ICIS [C7] + NPDES [B2D] .
UF	Integrated Compliance Information System
RT	Envirofacts [C3]
	EPA [B2]
	NPDES [B2D]

After performing an analysis for your given data package, scan the Alphabetical Schedule (or Classified Scheduled as preferred) for terms that could reflect the subjects under discussion, either independently or through post-coordination. Use non-preferred terms as a means to access the best-suited preferred terms, and use all information in preferred term entries to determine the relative applicability and scope of coverage for a given term. **Looking at the Alphabetical Schedule entry for the broadest terms in the Classified Schedule's <Organizations, agencies, and programs> facet will provide relevant terms to organizations across facets (see EPA [B2] for an example).** Consider the many avenues through which a user might seek out the piece of literature at hand, and work to address each of them.

1.6 Adding and Revising the Acronym Controlled Vocabulary

1.6.1 Adding to the Vocabulary

To add to the Acronym Controlled Vocabulary, it is recommended to use steps outlined in **What Was Used to Create the Acronym Controlled Vocabulary? (1.2)**. This can be summarized as follows:

- Determine the [organization](https://www.datarefuge.org/organization)⁵ that data was harvested from and begin exploring the descriptions, files, and source links of the data
- Record any relevant named agencies, organizations, programs, or information resources in the Acronym Controlled Vocabulary Drafting spreadsheet.⁶
 - Put all terms in the “term” column
 - Put the next numerical version number in the “vNum” column for each new term added. See more information about versioning in **Versioning (1.6.3)**
- Use the organization's information hub to determine validity of recorded terms as well as any associated acronyms not given in the description, files, and source links of the data. Add any additional terms and acronyms found during this process to the Acronym Controlled Vocabulary (see above).
 - For example, when looking at data harvested from the EPA, the following resources were used: epa.gov,⁷ [EPA System of Registries](https://ofmpub.epa.gov/sor_internet/registry/sysofreg/home/overview/home.do),⁸ and [Terms & Acronyms resource](https://ofmpub.epa.gov/sor_internet/registry/termreg/searchandretrieve/termsandacronyms/search.do).⁹

Once a desired list of terms has been curated, you can begin parsing down to the Preferred Terms using the “preferred” column in the Acronym Controlled Vocabulary Drafting spreadsheet, referring to **Preferred Terms (1.3.1)** to assist in the process. You will begin filling

⁵ <https://www.datarefuge.org/organization>

⁶ See file *acronymControlledVocabulary_drafting_v02* at <https://github.com/jo-hua/dataRefugeCapstone>

⁷ <https://epa.gov>

⁸ https://ofmpub.epa.gov/sor_internet/registry/sysofreg/home/overview/home.do

⁹ https://ofmpub.epa.gov/sor_internet/registry/termreg/searchandretrieve/termsandacronyms/search.do

out the rest of the spreadsheet for the terms you've collected during this step as well. Here is a brief explanation of the various columns in the spreadsheet and how to fill them out:

* - Required for all added terms

** - Required for all preferred terms

- **vNum*** - describes which version the associated term was added to the spreadsheet; vNum is an ascending number beginning at v01. For more information about versioning, see Versioning (1.6.3).
- **term*** - This is where any terms collected, preferred or non-preferred, are placed. Capitalize each word in a term and only include necessary punctuation.
- **preferred*** - Assign the term as preferred or not using either Y/N.
- **hierarchyNum**** - Once a term has been noted as preferred, it will need to be placed into the hierarchy of the Classified Schedule, see **Classified Schedule (1.3.3)** and **Classified Schedule Entries (1.4.2)**. Place the resulting hierarchy number in this column.
- **facet**** - Determine which of the three existing facets a preferred term falls under. The facets already developed are:
 - *<Laws and Regulations>*
 - *<Organizations, Agencies, and Programs>*
 - *<Data and Information Programs and Resources>*
- **equivalentTerms_alternateSpellings** - Place all terms that are equivalent, as in a synonym, or have a different spelling for the same term. Most commonly, this will be where the full name of an acronym will go.
- **broaderTerms** - Use this column to help determine broader terms for a PT, see **Alphabetical Schedule Entries (1.4.1)** for description of BTs. This will help with placing within the hierarchy of the Classified Schedule.
- **narrowerTerms** - Use this column to help determine narrower terms for a PT, see **Alphabetical Schedule Entries (1.4.1)** for description of NTs. This will help with placing within the hierarchy of the Classified Schedule.
- **relatedTerms** - Use this column to help determine related terms for a PT, see **Alphabetical Schedule Entries (1.4.1)** for description of RTs. This will help with filling out the Alphabetical Schedule.
- **scopeNotes** - When necessary, provide information on how to use the term when indexing or searching. This is *not* a definition.
- **source**** - Place a source link for the agency, organization, program, or information resource

Once all necessary information in the spreadsheet has been filled out, use the information to put the terms within the Classified and Alphabetical Schedules. When adding terms to the Alphabetical Schedule, it's important to ensure the following is completed/maintained:

- **Reciprocal relationships:** every BT, NT, and RT has to be reflected in the associated term. For example:
 - Related Terms: if ACToR [C10] has EPA [B2] as a related term, then EPA [B2] must also have ACToR [C10] as a related term.
 - Broad and Narrow Terms: If ACToR [C10] has a narrow term, CPCat [C10A], then CPCat [C10A] must have ACToR [C10] as its broader term.
- **Bracketed hierarchy numbers:** these are required for all preferred terms regardless of their placement in the Alphabetical Schedule. It helps to define them as PTs and to also help users refer to the Classified Schedule as necessary.

1.6.2 Revising the Existing Vocabulary

In the event that existing terms need to be updated or revised, you'll need to make those revisions in the two Acronym Controlled Vocabulary documents (this document and the Drafting spreadsheet).

Revision of hierarchy placement and additional BT, NT, and/or RTs will need to be accurately completed in both the Alphabetical and Classified Schedule - if a revision involves changing the bracketed number of a term, using a "Find and Replace" function will best help in changing that information throughout the schedules.

When revisions are made to terms, of any kind, the column **vNum** in the Drafting spreadsheet should be updated to reflect the most recent version of the Controlled Vocabulary. See **Versioning (1.6.3)** below.

1.6.3 Versioning

Versioning of the Acronym Controlled Vocabulary allows for management of multiple iterations of the controlled vocabulary so that any potential mistakes or lost information can be readily fixed or retrieved. Follow the steps below each time a change is made to any portion of the Acronym Controlled Vocabulary including the introductory information here, Alphabetical Schedule, the Classified Schedule, and the Drafting spreadsheet:

- When minor updates are made, the updated version number should be in the following format: **v00.0** (e.g. v02.1, v02.2). The decimal will increase with each change until a major update is made. Minor changes include:
 - Updating language in the introductory materials
 - Making edits to the Alphabetical Schedule
 - Adding or revising less than, or equal to, 5 terms
- If major updates are made, the version used should be in the following format: **v00** (e.g. v02). The whole number will increase with each major update. Major updates include:
 - Adding or revising greater than 5 terms
 - Making large changes in workflow and introductory texts
- All version updates, major or minor, will occur in the following places:

- Update to the title of this document to reflect current version
 - Update to the date and version number in the page numbers of this document to reflect current version
 - Ensure all changes made in the Drafting spreadsheet have an updated version number in the **vNum** column
- All new versions should be saved, or named if using a cloud service such as Google Docs, for provenance of documentation

2. Alphabetical Schedule

ACToR [C10]

UF Aggregated Computational Toxicology Online Resource
NT CPCat [C10A]
RT EPA [B2]

AFO

USE CAFO [B2D1]

Agency for Toxic Substances and Disease Registry

USE ASTDR [B4A]

Aggregated Computational Toxicology Online Resource

USE ACToR [C10]

American Recovery and Reinvestment Act

USE ARRA [A2]

Animal Feeding Operations

USE CAFO [B2D1]

ARRA [A2]

UF American Recovery and Reinvestment Act
Recovery Act
RT EPA [B2]

ASTDR [B4A]

UF Agency for toxic Substances and Disease Registry
BT CDC [B4]
RT EPA [B2]

CAA [A6]

UF Clean Air Act
RT CWA [A7]
EPA [B2]

CAFO [B2D1]

SN Concentrated Animal Feeding Operations are the Animal Feeding Operations that meet regulatory requirements and have data collected on them. CAFO is preferred over AFO for this reason.
UF AFO
Animal Feeding Operations
Concentrated Animal Feeding Operations

BT EPA [B2]
NPDES [B2D]

CASTNET [B13]

UF Clean Air Status and Trends Network
RT EPA [B2]
NADP [C22]
NTN [C22A]

CDC [B4]

SN Use for all data packages that were harvested from the World Health
Organization
UF Center for Disease Control
NT ATSDR [B4A]

CDR [B2G]

UF Chemical Data Reporting
RT Chemical Substance Inventory [C19]
EPA [B2]
TSCA [A1]

Center for Disease Control
USE CDC [B4]

Chemical Data Reporting
USE CDR [B2G]

Chemical Substance Inventory [C19]

RT CDR [B2G]
EPA [B2]
TSCA [A1]

Chemical Hazard Information Profile/CHIP
USE TRI-CHIP [C8A]

Chemical Hazard Information Profile System/CHIPS
USE TRI-CHIP [C8A]

Chemical Product Categories Database
USE CPCat [C10A]

CIMC [C20]

UF Cleanups In My Community
RT EPA [B2]

Clean Air Act
USE CAA [A6]

Clean Air Status and Trends Network
USE CASTNET [B13]

Clean Water Act
USE CWA [A7]

Cleanups In My Community
USE CIMC [C20]

CPCat [C10A]
UF Chemical Product Categories Database
BT ACToR [C10]
RT EPA [B2]

CROMERR [B2E]
UF Cross Media Electronic Reporting Rule
BT EPA [B2]

Cross Media Electronic Reporting Rule
USE CROMERR [B2E]

CWA [A7]
UF Clean Water Act
RT CAA [A6]
EPA [B2]

Department of Health and Human Services
USE HHS [B3]

Discharge Monitoring Report
USE DMR [B2D1]

Discharge Monitoring Report - Quality Assurance
USE DMR [B2D1]

DMR [B2D1]
UF Discharge Monitoring Report
Discharge Monitoring Report - Quality Assurance
DMR-QA
BT EPA [B2]

NPDES [B2D]

DMR-QA

USE DMR [B2D1]

ECHO [C4]

SN Use for all data packages that specifically name ECHO and those that are sourced from ECHO.

UF Enforcement and Compliance History Online

RT EPA [B2]

EDG [C2A]

SN Use for all data packages that specifically name ECHO and those that are sourced from ECHO.

UF Environmental Dataset Gateway

BT SOR [C2]

RT EPA [B2]

eGRID [C5]

SN Use for all data packages that specifically name eGRID and those that are sourced from eGRID.

UF Emissions and Generation Resource Integrated Database

RT EPA [B2]

EIS [C11A]

UF Emissions Inventory System

BT NEI [C11]

RT Envirofacts [C3]

EPA [B2]

EJSCREEN [C18]

SN Use for all data packages that specifically name EJSCREEN and those that are sourced from EJSCREEN.

UF Environmental Justice Screening and Mapping Tool

RT EPA [B2]

SOR [C2]

Emergency Planning and Community Right-to-Know Act

USE EPCRA [A4]

Emissions and Generation Resource Integrated Database

USE eGRID [C11A]

Emissions Inventory System

USE EIS [C11A]

Enforcement and Compliance History Online

USE ECHO [C4]

Envirofacts [C3]

SN Use for all data packages that specifically name Envirofacts and those that are sourced from Envirofacts.

RT EPA [B2]

Environmental Dataset Gateway

USE EDG [C2A]

Environmental Justice Screening and Mapping Tool

USE EJSCREEN [C18]

Environmental Protection Agency

USE EPA [B2]

EPA [B2]

SN Use for all data packages that were harvested from the U.S. Environmental Protection Agency.

UF Environmental Protection Agency
U.S. Environmental Protection Agency
United States Environmental Protection Agency

NT CROMERR [B2E]
IRIS [B2F]
NPDES [B2D]
OEI [B2B]
OPP [N2C]
Regional Offices [B2A]
SSA Program [B2H]

RT ACToR [C10]
ARRA [A1]
ATSDR [B4A]
CAA [A6]
CASTNET [C13]
CDR [B2G]
Chemical Substance Inventory [C19]
CIMC [C20]
CMAQ [C14]
CPCat [C10A]
CWA [A7]
ECHO [C4]

EDG [C2A]
 eGRID [C5]
 EIS [C11A]
 EJSCREEN [C18]
 Envirofacts [C3]
 EPCRA [A4]
 FRS [C2B]
 GHGRP [C15]
 IARC [B1A]
 ICIS [C7]
 LES [C21]
 NADP [C22]
 NAICS [C1]
 NEI [C12]
 NEPA [A3]
 NSCEP [C6]
 NTP [B3A]
 NTN [C22A]
 RCRA [A5]
 RCRAInfo [C9]
 RCS [C2C]
 SOR [C2]
 STORET [C16]
 TRI [C8]
 TRI-CHIP [C8A]
 TSCA [A1]
 WATERS [C17]

EPCRA [A4]

UF Emergency Planning and Community Right-to-Know Act
 RT EPA [B2]

Facility Registry System

USE FRS [C2B]

FRS [C2B]

SN Use for all data packages that specifically name FRS and those that are sourced from FRS.
 UF Facility Registry System
 BT SOR [C2]
 RT EPA [B2]

GHGRP [C15]

UF Greenhouse Gas Reporting Program

RT Envirofacts [C3]
EPA [B2]

Greenhouse Gas Reporting Program
USE GHGRP [C15]

HHS [B3]

SN Use for all data packages that were harvested from the U.S. Department of Health and Human Services
UF Department of Health and Human Services
U.S. Department of Health and Human Services
United States Department of Health and Human Services
NT NTP [B3A]
RT TSCA [A1]

IARC [B1A]

UF International Agency for Research on Cancer
BT WHO [B1]
RT EPA [B2]

ICIS [C7]

SN Use for all data packages that specifically name ICIS and those that are sourced from ICIS. For instances of ICIS-NPDES (Integrated Compliance Information System - National Pollutant Discharge Elimination System), use **ICIS [C7] + NPDES [B2D]**.
UF Integrated Compliance Information System
RT Envirofacts [C3]
EPA [B2]
NPDES [B2D]

ICIS-NPDES

USE ICIS [C7] + NPDES [B2D]

Integrated Compliance Information System
USE ICIS [C7]

International Agency for Research on Cancer
USE IARC [B1A]

Integrated Risk Information System
USE IRIS [B2F]

IRIS [B2F]

UF Integrated Risk Information System

BT EPA [B2]

LES [C21]

SN Use for data packages that contain information, or are sourced from, the Lake Ecosystem Services GIS Application.

UF Lake Ecosystem Services

RT EPA [B2]

NADP [C22]

SN Use for data that comes from the broader National Atmospheric Deposition Program. For information that comes from the National Trends Network, use

NTN

[C22A].

UF National Atmospheric Deposition Program

NT NTN [C22A]

RT CASTNET [C13]

EPA [B2]

NADP National Trends Network

USE NTN [C22A]

NAICS [C1]

UF North American Classification System
Standard Industrial Classification

RT EPA [B2]

NATA [C12]

UF National Air Toxics Assessment

RT EPA [B2]

National Air Toxics Assessment

USE NATA [C12]

National Atmospheric Deposition Program

USE NADP [C22]

National Emissions Inventory

USE NEI [C11]

National Environmental Policy Act

USE NEPA [A3]

National Pollutant Discharge Elimination System

USE NPDES [B2D]

National Service Center for Environmental Publications
USE NSCEP [C6]

National Toxicology Program
USE NTP [B3A]

National Trends Network
USE NTN [C22A]

NEI [C11]

SN Use for all data packages that specifically name NEI and those that are sourced from NEI.
UF National Emissions Inventory
NT EIS [C11A]
RT Envirofacts [C3]
EPA [B2]

NEPA [A3]

UF National Environmental Policy Act
RT EPA [B2]

NPDES [B2D]

SN For instances of ICIS-NPDES (Integrated Compliance Information System - National Pollutant Discharge Elimination System), use **ICIS [C7] + NPDES [B2D]**.
UF National Pollutant Discharge Elimination System
BT EPA [B2]
NT CAFO [B2D2]
DMR [B2D1]
RT ICIS [C7]

North American Classification System
USE NAICS [C1]

NSCEP [C6]

SN Use for all data packages that specifically name NSCEP and those that are sourced from NSCEP.
UF National Service Center for Environmental Publications
RT EPA [B2]

NTN [C22A]

SN Use for datasets that reference information from the National Trends Network of the NADP (as compared to other NADP resources).

UF NADP National Trends Network
National Trends Network
RT CASTNET [C13]
EPA [B2]

NTP [B3A]

UF National Toxicology Program
BT HHS [B3]
RT EPA [B2]

OEI [B2B]

SN The Office of Environmental Information is no longer in operation and has been replaced by the Office of Mission Support. Given the temporal coverage of the repository, use of OEM has been given priority.
UF Office for Environmental Information
Office of Mission Support
BT EPA [B2]

Office for Environmental Information
USE OEI [B2B]

Office of Mission Support
USE OEI [B2B]

Office of Pesticide Programs
USE OPP [B2C]

OPP [B2C]

UF Office of Pesticide Programs
BT EPA [B2]

RCRA [A5]

UF Resource Conservation and Recovery Act
RT EPA [B2]
RCRAInfo [C9]

RCRAInfo

UF Resource Conservation and Recovery Act Information System
RT Envirofacts [C3]
EPA [B2]
RCRA [A5]

RCS [C2C]

SN Use for all data packages that specifically name RCS and those that are sourced

from RCS.
UF Reusable Component Services
BT SOR [C2]
RT EPA [B2]

Recovery Act
USE ARRA [A2]

Region 1 [B2A1]

SN Use for all data packages that specifically name Region 1 either as the source of data or contained within contents.
BT Regional Offices [B2A]

Region 2 [B2A2]

SN Use for all data packages that specifically name Region 2 either as the source of data or contained within contents.
BT Regional Offices [B2A]

Region 3 [B2A3]

SN Use for all data packages that specifically name Region 3 either as the source of data or contained within contents.
BT Regional Offices [B2A]

Region 4 [B2A4]

SN Use for all data packages that specifically name Region 4 either as the source of data or contained within contents.
BT Regional Offices [B2A]

Region 5 [B2A5]

SN Use for all data packages that specifically name Region 5 either as the source of data or contained within contents.
BT Regional Offices [B2A]

Region 6 [B2A6]

SN Use for all data packages that specifically name Region 6 either as the source of data or contained within contents.
BT Regional Offices [B2A]

Region 7 [B2A7]

SN Use for all data packages that specifically name Region 7 either as the source of data or contained within contents.
BT Regional Offices [B2A]

Region 8 [B2A8]

- SN Use for all data packages that specifically name Region 8 either as the source of data or contained within contents.
- BT Regional Offices [B2A]

Region 9 [B2A9]

- SN Use for all data packages that specifically name Region 9 either as the source of data or contained within contents.
- BT Regional Offices [B2A]

Region 10 [B2A10]

- SN Use for all data packages that specifically name Region 10 either as the source of data or contained within contents.
- BT Regional Offices [B2A]

Regional Offices [B2A]

- SN Use for data packages that pertain to multiple regional offices; if data package is specific to a region, use that named Region exclusively.
- BT EPA [B2]
- NT Region 1 [B2A1]
Region 2 [B2A2]
Region 3 [B2A3]
Region 4 [B2A4]
Region 5 [B2A5]
Region 6 [B2A6]
Region 7 [B2A7]
Region 8 [B2A8]
Region 9 [B2A9]
Region 10 [B2A10]

Resource Conservation and Recovery Act

- USE RCRA [A5]

Resource Conservation and Recovery Act Information System

- USE RCRAInfo [C9]

Reusable Component Services

- USE RCS [C2C]

Sole Source Aquifers

- USE SSA [B2H]

Sole Source Aquifers for Drinking Water/DWSSA

- USE SSA [B2H]

SOR [C2]

SN Use for all data packages that specifically name SOR and those that are sourced from SOR.

UF System of Registries

NT EDG [C2A]
FRS [C2B]
RCS [C2C]

RT EPA [B2]

SSA Program [B2H]

UF Sole Source Aquifers
Sole Source Aquifers for Drinking Water/DWSSA

BT EPA [B2]

Standard Industrial Classification

USE NAICS [C1]

Storage and Retrieval of Water Related Data

USE STORET [C16]

STORET [C16]

UF Storage and Retrieval of Water Related Data
STORET Legacy Data Center

RT EPA [B2]

STORET Legacy Data Center

USE STORET [C16]

System of Registries

USE SOR [C2]

Toxic Release Inventory

USE TRI [C8]

TRI [C8]

UF Toxic Release Inventory

NT TRI-CHIP [C8A]

RT EPA [B2]

TRI-CHIP [C8A]

UF Chemical Hazard Information Profile/CHIP
Chemical Hazard Information Profile System/CHIPS
TRI-Chemical Hazard Information Profile

BT TRI [C8]

RT EPA [B2]

TSCA [A1]

UF Toxic Substances Control Act

RT CDR [B2G]
Chemical Substance Inventory [C19]
EPA [B2]
HHS [B3]

U.S. Department of Health and Human Services

USE HHS [B3]

U.S. Environmental Protection Agency

USE EPA [B2]

United States Department of Health and Human Services

USE HHS [B3]

United States Environmental Protection Agency

USE EPA [B2]

WATERS [C17]

UF Watershed Assessment Tracking Environmental Results

RT EPA [B2]

Watershed Assessment Tracking Environmental Results

USE WATERS [C17]

WHO [B1]

SN Use for all data packages that were harvested from the World Health Organization.

UF World Health Organization

NT IARC [B1A]

3. Hierarchical Schedule

[A] <Laws and Regulations>

[A1] **TSCA**
[A2] **ARRA**
[A3] **NEPA**
[A4] **EPCRA**
[A5] **RCRA**
[A6] **CAA**
[A7] **CWA**

[B] <Organizations, agencies, and programs>

[B1] **WHO**
[B1A] IARC
[B2] **EPA**
[B2A] Regional Offices
[B2A1] Region 1
[B2A2] Region 2
[B2A3] Region 3
[B2A4] Region 4
[B2A5] Region 5
[B2A6] Region 6
[B2A7] Region 7
[B2A8] Region 8
[B2A9] Region 9
[B2A10] Region 10
[B2B] OEI
[B2C] OPP
[B2D] NPDES
[B2D1] DMR
[B2D1] CAFO
[B2E] CROMERR
[B2F] IRIS
[B2G] CDR
[B2H] SSA Program
[B3] **HHS**
[B3A] NTP
[B4] **CDC**
[B4A] ATSDR

[C] <Data and information programs and resources (gathering term; do not assign)>

[C1] **NAICS**
[C2] **SOR**

[C2A]	EDG
[C2B]	FRS
[C2C]	RCS
[C3]	Envirofacts
[C4]	ECHO
[C5]	eGRID
[C6]	NSCEP
[C7]	ICIS
[C8]	TRI
[C8A]	TRI-CHIP
[C9]	RCRAInfo
[C10]	ACToR
[C10A]	CPCat
[C11]	NEI
[C11A]	EIS
[C12]	NATA
[C13]	CASTNET
[C14]	CMAQ
[C15]	GHGRP
[C16]	STORET
[C17]	WATERS
[C18]	EJSCREEN
[C19]	Chemical Substance Inventory
[C20]	CIMC
[C21]	LES
[C22]	NADP
[C22A]	NTN