

2020 Chemical Data Reporting (CDR) Public Database Data Dictionary

Overview:

The following table lists the fields included in the 2020 CDR public database and is provided to aid users in interpreting and using the data. Due to reporting requirements, processing and use information is only relevant to activities in 2019. Note that consumer uses of a chemical substance or mixture include those where the substance or mixture is sold or made available to consumers for their use, whereas commercial uses include those in a commercial enterprise providing saleable goods or services. Production volume includes both domestically manufactured and imported volumes, and all quantities are reported in pounds. Some fields can be reported as NKRA if the information is "Not Known or Reasonably Ascertainable" by the submitter. To access the 2020 CDR data and additional guidance, visit the EPA CDR webpage at www.epa.gov/chemical-data-reporting. To learn how to further interpret the CDR data, visit <https://www.epa.gov/chemical-data-reporting/interpreting-cdr-data>.

Field Names	Field Description/Notes	New Field for 2020
CHEMICAL REPORT ID	Identification Link between tables	
CHEMICAL NAME	Chemical Substance Name as listed on the public portion of the Toxics Substances Control Act (TSCA) Inventory	
CHEMICAL ID	Chemical Substance Identification	
CHEMICAL ID W/O DASHES	Chemical Substance Identification without Dashes	
CHEMICAL ID TYPE	Identifies whether the chemical identification is expressed as a Chemical Abstracts Service Registry Number (CASRN) or Accession Number (if the chemical's specific identity is on the confidential portion of the TSCA Inventory)	
DOMESTIC PARENT COMPANY NAME	Domestic Parent Company Name	
DOMESTIC PC ADDRESS LINE1	Domestic Parent Company Address Line 1	
DOMESTIC PC ADDRESS LINE2	Domestic Parent Company Address Line 2	
DOMESTIC PC CITY	Domestic Parent Company City Location	
DOMESTIC PC COUNTY / PARISH	Domestic Parent Company County or Parish Location	
DOMESTIC PC STATE	Domestic Parent Company State Location	
DOMESTIC PC POSTAL CODE	Domestic Parent Company ZIP Code Locality	
DOMESTIC PC DUN & BRADSTREET NUMBER	Domestic Parent Company Dun & Bradstreet Number	
FOREIGN PARENT COMPANY NAME	Foreign Parent Company Name	✓
FOREIGN PC ADDRESS LINE1	Foreign Parent Company Address Line 1	✓
FOREIGN PC ADDRESS LINE2	Foreign Parent Company Address Line 2	✓
FOREIGN PC CITY	Foreign Parent Company City Location	✓
FOREIGN PC COUNTY / PARISH	Foreign Parent Company County or Parish Location	✓

Field Names	Field Description/Notes	New Field for 2020
FOREIGN PC POSTAL CODE	Foreign Parent Company Postal Locality	✓
FOREIGN PC COUNTRY CODE	Foreign Parent Company Country Location Code	✓
FOREIGN PC DUN & BRADSTREET NUMBER	Foreign Parent Company Dun & Bradstreet Number	✓
SITE NAME	Manufacture/Import Site Name	
SITE ADDRESS LINE1	Manufacture/Import Site Address Line 1	
SITE ADDRESS LINE2	Manufacture/Import Site Address Line 2	
SITE CITY	Manufacture/Import Site City Location	
SITE COUNTY / PARISH	Manufacture/Import Site County or Parish Location	
SITE STATE	Manufacture/Import Site State Location	
SITE POSTAL CODE	Manufacture/Import Site ZIP Code Locality	
SITE LATITUDE	Manufacture/Import Site Latitude	
SITE LONGITUDE	Manufacture/Import Site Longitude	
SITE DUN & BRADSTREET NUMBER	Manufacture/Import Site Dun & Bradstreet Number	
EPA-TSCA PROGRAM ID	EPA-Toxics Substances Control Act (TSCA) Program Identification	
EPA FACILITY REGISTRY ID	EPA Facility Registry Identification	
SITE NAICS CODE 1	First North American Industry Classification System Code & Description	✓
SITE NAICS ACTIVITY 1	First North American Industry Classification System Code Activity Manufacture, Import, or Both	✓
SITE NAICS CODE 2	Second North American Industry Classification System Code & Description	✓
SITE NAICS ACTIVITY 2	Second North American Industry Classification System Code Activity Manufacture, Import, or Both	✓
SITE NAICS CODE 3	Third North American Industry Classification System Code & Description	✓
SITE NAICS ACTIVITY 3	Third North American Industry Classification System Code Activity Manufacture, Import, or Both	✓
ACTIVITY	Indicates whether the Chemical was Domestically Manufactured, Imported, or Both	
2019 DOMESTIC PV	Principle Year Domestic (within United States) Manufacture Production Volume	
2019 IMPORT PV	Principle Year Production Volume Imported into the United States	
2019 PV	Principle Year Aggregated Production Volume: Domestically Manufactured + Imported (calculated value)	
2018 PV	Prior Year Production Volume	
2017 PV	Prior Year Production Volume	
2016 PV	Prior Year Production Volume	
2019 NATIONALLY AGGREGATED PV	Principle Year Per Chemical Nationally Aggregated Production Volume (calculated value or range)	
2018 NATIONALLY AGGREGATED PV	Prior Year Per Chemical Nationally Aggregated Production Volume (calculated value or range)	

Field Names	Field Description/Notes	New Field for 2020
2017 NATIONALLY AGGREGATED PV	Prior Year Per Chemical Nationally Aggregated Production Volume (calculated value or range)	
2016 NATIONALLY AGGREGATED PV	Prior Year Per Chemical Nationally Aggregated Production Volume (calculated value or range)	
IMPORTED CHEM NEVER AT SITE	Indicates whether Imported Chemical is Never Physically at Site	
2019 V USED ON-SITE	Volume Used On-Site	
2019 V EXPORTED	Volume Directly Exported	
PCT BYP CODE	Percentage of Chemical Being Manufactured as a Byproduct Code (optional field; reported as a range - 5 choices)	✓
PERCENT BYPRODUCT	Percentage of Chemical Being Manufactured as a Byproduct Description (optional field; reported as a range - 5 choices)	✓
WORKERS CODE	Number of Workers Reasonably Likely to be Exposed Code (reported as a range - 9 options)	
WORKERS	Number of Workers Reasonably Likely to be Exposed Description (reported as a range - 9 options)	
MAX CONC CODE	Maximum Concentration by Weight Code (reported as a range - 6 options)	
MAXIMUM CONCENTRATION	Maximum Concentration by Weight Description (reported as a range - 6 options)	
RECYCLED	Chemical is Recycled or Otherwise Used Instead of Being Treated as a Waste	
PHYSICAL FORM(S)	Physical Form(s) of Chemical (7 options - Dry Powder, Pellets or Large Crystals, Water- or Solvent-Wet Solid, Other Solid, Gas or Vapor, Liquid, NKRA)	
IND TYPE CODE	Industrial Type of Processing or Use Operation Code (6 options - PC, PF, PA, PK, U, NKRA)	
INDUSTRIAL TYPE OF PROCESS OR USE OPERATION	Industrial Type of Processing or Use Operation Description (6 options)	
IND SECT CODE	Industrial Sector Code for Processing or Use Operation	
INDUSTRIAL SECTOR	Industrial Sector Description for Processing or Use Operation	
IND SECTOR OTHER DESC	Industrial Sector Description for "Other" Sector (required when Code IS48 is reported)	
IND FC CODE	Industrial Function Category Code for Processing or Use Operation/Industry Sector combination	
INDUSTRIAL FUNCTION CATEGORY	Industrial Function Category Description for Processing or Use Operation/Industry Sector combination	
IND FUNCT CAT OTHER DESC	Industrial Function Category Description for "Other" Function (required when Codes F999 or U999 are reported)	
JOINT FC CODE	Joint Function Category Code (reported by secondary submitter if applicable)	✓
JOINT FUNCTION CATEGORY	Joint Function Category Description (reported by secondary submitter if applicable)	✓
JOINT FUNCT CAT OTHER DESC	Joint Function Category Description for "Other" Function (required when Codes F999 or U999 are reported)	✓
IND PV PCT	Industrial Percentage of Production Volume for Processing or Use Operation/Sector/Function combination	

Field Names	Field Description/Notes	New Field for 2020
IND SITES CODE	Number of Industrial Sites Code for Processing or Use Operation/Sector/Function combination (reported as a range - 8 options)	
INDUSTRIAL SITES	Number of Industrial Sites Description for Processing or Use Operation/Sector/Function combination (reported as a range - 8 options)	
IND WORKERS CODE	Number of Industrial Workers Reasonably Likely to be Exposed Code for Processing or Use Operation/Sector/Function combination (reported as a range - 9 options)	
INDUSTRIAL WORKERS	Number of Industrial Workers Reasonably Likely to be Exposed Description for Processing or Use Operation/Sector/Function combination (reported as a range - 9 options)	
C / C PROD CAT CODE	Consumer/Commercial Product Category Code	
CONSUMER / COMMERCIAL PRODUCT CATEGORY	Consumer/Commercial Product Category Description	
CONS / COMM PROD CAT OTHER DESC	Consumer/Commercial Product Category Description for "Other" Product (required when Codes CC980 or C909 are reported)	
C / C FC CODE	Consumer/Commercial Function Category Code for Product Category	✓
CONS / COMM FUNCTION CATEGORY	Consumer/Commercial Function Category Description for Product Category	✓
CONS / COMM FUNCT CAT OTHER DESC	Consumer/Commercial Function Category Description for "Other" Function (required when Codes F999 or U999 are reported)	✓
JOINT FC CODE	Joint Function Category Code (reported by secondary submitter if applicable)	✓
JOINT FUNCTION CATEGORY	Joint Function Category Description (reported by secondary submitter if applicable)	✓
JOINT FUNCT CAT OTHER DESC	Joint Function Category Description for "Other" Function (required when Codes F999 or U999 are reported)	✓
CONS OR COMM USE	Indicates whether the Use is Consumer, Commercial, or Both for Product/Function Category combination	
USED IN PROD FOR CHILDREN	Used in Product(s) Intended for Use by Children for Product/Function Category & Use combination	
C / C PV PCT	Consumer/Commercial Percentage of Production Volume for Product/Function Category & Use combination	
C / C MAX CONC CODE	Consumer/Commercial Maximum Concentration by Weight Code for Product/Function Category & Use combination (reported as a range - 6 options)	
C / C MAXIMUM CONCENTRATION	Consumer/Commercial Maximum Concentration by Weight Description for Product/Function Category & Use combination (reported as a range - 6 options)	
COMM WORKERS CODE	Number of Commercial Workers Reasonably Likely to be Exposed Code for Product/Function Category & Use combination (reported as a range - 9 options)	
COMMERCIAL WORKERS	Number of Commercial Workers Reasonably Likely to be Exposed Description for Product/Function Category & Use combination (reported as a range - 9 options)	