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**Content Domain: Radon Data from Labs**

**Recommendations for**

**Nationally Consistent Data and Measures**

**Revised: May 27, 2021**

CDC estimates the average public reporting burden for this collection of information as 50 hours per response, including the time for reviewing instructions, searching existing data/information sources, gathering and maintaining the data/information needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB Control Number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Information Collection Review Office, 1600 Clifton Road NE, MS H21-8, Atlanta, Georgia 30333; ATTN: PRA (0920-1175).

| **Data Dictionary for Data Submission**  **Labs Radon Data**  **National Environmental Public Health Tracking Network** | |
| --- | --- |
| **Characteristic** | **Description** |
| Data Source | Private radon testing labs |
| Purpose | This data set contributes to the Environmental Public Health Tracking Network. The Content Workgroup Radon Team identified nationally consistent data sources and developed a nationally consistent indicator and measures of radon in air. |
| Geographic Level | County or census tract |
| Restrictions | **This is a restricted access data set.**  Data will be displayed via the national public portal only when sufficient conditions have been met to protect data privacy. |
| Last Revised | **May 27, 2021** |
| **Instruction for Use** | **This data dictionary is a reference for creating the Radon data for submission. Refer to the Radon schema for the order of variables and final data structure.** |

| **Labs Radon Data Dictionary**  **Environmental Public Health Tracking** | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Field Name** | **Field Description** | **Data Type** | **Code Scheme** | **Legal Values** | **Field Length** | **Required** |
| **Header Information for Labs** | **Code to identify the lab** | **String** | **XX** | **01 - 50** | **2** | **Required (provided by CDC)** |
| RowIdentifier | An identifier for each row of data | Integer | 1 – nnnn  The maximum RowIdentifier should be equal to the number of test results submitted for that year. | Consecutive numerical identifier for each record in the dataset. | N/A | Required |
| TestYear | The year the data are assigned to, i.e., the year analysis completed | Integer | YYYY | Ex:  2018 | 4 | Required |
| StateFIPSCode | State FIPS Code where test was taken | String | XX | 01-50 | 2 | Required |
| CountyFIPSCode | County FIPS Code where test was taken | String | XXXXX | A valid county FIPS Code for the state and county in which test was conducted | 5 | Required |
| AddressPostalCode | 5-digit zip code and 4-digit extension code (if available) | String | xxxxx or  xxxxx-xxxx | Example:  19145 or  19145-5208 | 5 or 10 | Optional |
| CensusTract | Consists of the 2- digit state FIPS code, the 3-digit county FIPS code and the 6-digit code for the census tract | String | XXXXX | Ex: Census Tract 48201533701 is located in Harris County, Texas. The 48 is the FIPS code for Texas; the 201 is the FIPS code for Harris County; and the 533701 identifies the specific Census Tract. Alpha Numeric so that leading zeroes are not deleted. U=Unknown | 35 | Required |
| DataIdentifier | A unique identifier for each batch of Radon Test Results. | String | XXXXXXXXX | Nine-character value consisting of numbers or letters identifying the batch | 9 | Optional |
| AddressIdentifier | This is a unique ID that can be linked to the address but maintain confidentiality; this number represents an address level record but it is not the address. | String | One hundred character value (at a maximum) consisting of numbers or letters that link to a specific address | nnnnnn….  String of integers and characters | 100 | Required |
| TestResultIdentifier | A unique identifier for each lab result, there may be multiple tests per address, this number will be unique for each test | String | XXXXXX | Any number character value (up to 20) that identifies a unique test result | 20 | Required |
| TestStartDate | The date the test was begun | Integer | YYYYMMDD; NC = not collected | Ex:  20181022 | 8 | Required |
| TestStopDate | The date the test ended | Integer | YYYYMMDD; NC = not collected | Ex:  20181025 | 8 | Required |
| MeasureValue | The actual Radon measurement | Integer | nnnnn.n  -999=LLD (less than the limit of detection) | 0-10000.5,  -999 | 5,1 | Required |
| MeasureUnitName | The code that represents the unit for measuring Radon (pCi/L = picocuries per Liter) Note: look for conversion factor for Working Levels in How-To Guide | Integer | Please report only as 1= pCi/L for Radon | 1 | 1 | Required |
| TestMethodTypeCode | Identifier of the type or category of test. | Integer | 1 = pre-mitigation  2 = post-mitigation  3 = Not collected | 1, 2, 3 | 3 | Required |
| ReasonForTest | The reason the radon test is being conducted. | Integer | 1=Real Estate Transaction  2=Homeowner’s choice (personal knowledge)  3=Legal requirement  4=Real estate transaction and legal requirement  5=Response to outreach/promotion  6=Post-mitigation test | Any of the codes in the Code Scheme column | 1 | Optional |
| RealEstateTransactionIndicator | Indicator of the building being tested for radon due to a Real Estate transaction or not. | Integer | 1 = Yes 0 = No | 0, 1 | 1 | Optional |
| AddressPostalCode | 5-digit zip code and 4-digit extension code (if available) | String | xxxxx or  xxxxx-xxxx | Example:  19145 or  19145-5208 | 5 or 10 | Optional |
| FloorLevelTested | The floor level in the building where the Radon test was conducted. | String | B = Basement  F1 = 1st floor  F2 = 2nd floor  F3 = 3rd floor  F4 = above the 3rd floor  O = Other | Any of the codes in the Code Scheme column | 2 | Optional |
| BuildingPurposeCode | The designator that represents the building purpose. | Text | R = Residential  N = Non-residential/Commercial  C = Community Water Supply this is a water sample  D = Daycare center  P = Daycare center in public school  S = School  H= Hospital  G = Government building  CU = Colleges or Universities  I = Institutional  U = Unknown | Any of the codes in Code Scheme column | 2 | Required |
| BuildingTypeCode | The designator that represents the Type of the building tested; R1 buildings are unattached and R2 buildings are attached. | Text | R1A = Mobile home R1B = Single level home  R1C = Multi level home R1D = Other R2A = Row house single  R3A = Row house multi-level R2B = Town house R2C = Duplex R2D = Apartments and Condominiums | Any of the codes in the Code Scheme column | 3 | Optional |
| FoundationTypeCode | A designator used to uniquely identify the Foundation Type that facility occupies. | Text | B = Basement C = Crawlspace S = Slab-on-grade P = Pier  K= Skirted in pier O = Other | Any of the codes in the Code Scheme column | 1 | Optional |
| TestDeviceLocation | Specific room in the house where the Radon test was conducted | Text | MB = Master Bedroom  BR = Bedroom FR = Family Room LR = Living Room DR = Dining Room SD = Study/Den/Office BA = Basement O = Other | Any of the codes in the Code Scheme column | 2 | Optional |
| DeviceTypeName | Name of instrument or equipment used for the Radon test. | String | AC = Activated Charcoal Adsorption  AT = alpha track  ES = Short-term electret  EL = Long-term electret  CR = continuous radon monitor  CW = continuous working level monitor  LS = Charcoal Liquid Scintillation  WL = Working Level  CC = Charcoal Canister  GR = Grab Sample – Radon  GW = Grab Sample – Working Level  RP = Radon Progeny Integrated Sampling Unit (RPISU)  O= Other | Any of the codes in the Code Scheme column | 2 | Optional |
| CertifiedContractorIndicator | Indicator if the con- tractor performing the test is certified or not. | Integer | 1 = Yes 0 = No | 0,1 | 1 | Optional |