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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** |
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| **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** |
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| **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 – nnnnThe 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 orxxxxx-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-mitigation2 = post-mitigation3 = Not collected | 1, 2, 3 | 3 | Required |
| ReasonForTest | The reason the radon test is being conducted. | Integer | 1=Real Estate Transaction2=Homeowner’s choice (personal knowledge)3=Legal requirement4=Real estate transaction and legal requirement5=Response to outreach/promotion6=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 = Yes0 = No | 0, 1 | 1 | Optional |
| AddressPostalCode | 5-digit zip code and 4-digit extension code (if available) | String | xxxxx orxxxxx-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 = BasementF1 = 1st floor F2 = 2nd floorF3 = 3rd floorF4 = above the 3rd floorO = Other  | Any of the codes in the Code Scheme column | 2  | Optional |
| BuildingPurposeCode | The designator that represents the building purpose.  | Text | R = ResidentialN = Non-residential/CommercialC = Community Water Supply this is a water sampleD = Daycare centerP = Daycare center in public schoolS = School H= HospitalG = Government buildingCU = Colleges or UniversitiesI = InstitutionalU = 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 homeR1B = Single level home R1C = Multi level homeR1D = OtherR2A = Row house singleR3A = Row house multi-levelR2B = Town houseR2C = DuplexR2D = 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 = BasementC = CrawlspaceS = Slab-on-gradeP = PierK= Skirted in pierO = 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 = BedroomFR = Family RoomLR = Living RoomDR = Dining RoomSD = Study/Den/OfficeBA = BasementO = 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 LevelCC = Charcoal CanisterGR = Grab Sample – RadonGW = Grab Sample – Working LevelRP = 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 = Yes0 = No | 0,1 | 1 | Optional |