Data Dictionary for Data Submission

Radon

National Environmental Public Health Tracking Network

Characteristic	Description
Data Source	Private radon testing labs and public health 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	November 26, 2019
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.**

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DATA DICTIONARY FOR AGGREGATE DATA **Environmental Public Health Tracking**						
Field Name	**Field Description**	**Data Type**	**Code Scheme**	**Legal Values**	**Field Length**	**Required**
AddressID	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	Twenty character value (at a maximum) consisting of numbers or letters that link to a specific address	nnnnnn.... String of integers and characters	20	Required* (If not submitting the test address)
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 U = Unknown	Any of the codes on in Code Scheme column	2	Required

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Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	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 R2B = Town house R2C = Duplex R2D = Apartments and Condominiums	Any of the codes in the Code Scheme column	3	Optional
CertifiedContractorIndicator	Indicator if the contractor performing the test is certified or not.	Integer	1 = Yes 0 = No	0,1	1	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	nnnn... U = Unknown	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.	35	Optional

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Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Required
CountyFIPSCode	County FIPS code over which birth defect cases and underlying birth populations are counted.	String	FIPS U = Unknown	A valid county FIPS code for the state, or 'U'.	5	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
DataSourceName	The data source where the radon test data is retrieved (when pulling from multiple data sources).	Text	Name of lab	Examples are: VDH-EH Radon Database ACCUSTAR; AIRCHEK; AK Radon Program; ALPHA; EMS; FL Radon Program KS Radon Program LANDAUERINC; Prolabs; RDS; RSSI; RTCA; UDEQ	25	Required

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Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Required
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
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

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Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	Required
FoundationTypeCode	A designator used to uniquely identify the Foundation Type that facility occupies.	Text	B = Basement C = Crawlspace S = Slab-on-grade P = Pier O = Other	Any of the codes in the Code Scheme column	1	Optional
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
MeasureValue	The actual Radon measurement	Integer	0 – nnnnnn.n -999=LLD (less than the limit of detection)	0-100000.5, -999	5,1	Required
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
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

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Field Name	**Field Description**	**Data Type**	**Code Scheme**	**Legal Values**	**Field Length**	**Required**
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
StateFIPSCode	State FIPS code.	String	FIPS	A valid state FIPS code.	2	Not specified in schema
StreetAddress	Please send the complete street address or if you cannot for some reason, please create a unique ID that can be linked to the address.	Text	Complete street address and unit number (if applicable) where test was taken.	Ex: 123 Cleveland Street Apt. 56 Philadelphia, PA 12345	100	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
TestMethodTypeCode	Identifier of the type or category of method.	Integer	1 = pre-mitigation 2 = post-mitigation 3 = Not collected	1, 2, 3	3	Required

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Field Name	Field Description	Data Type	Code Scheme	Legal Values	Field Length	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
TestYear	The year the data are assigned to	Integer	YYYY	Ex: 2018	4	Required