

Data Dictionary for Data Submission

Radon

National Environmental Public Health Tracking Network

Characteristic	Description
Data Source	Radon testing labs
Purpose	This is a pilot dataset.
Geographic Level	
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.

CDC estimates the average public reporting burden for this collection of information as 120 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 D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-xxxx).

Data Element	Description	Option	Format
RadonDataIdentifier	A unique identifier for each batch of Radon Test Result. A batch is test results of multiple locations. Examples are numbers like this: 1034012 1048479 a batch may be an analytical batch; this number in combination with the RadonTestResultIdentifier will be unique.	O	A
RadonAddressIdentifier	this is a unique ID that can be linked to the address but maintain confidentiality; this number can be linked back to an address	R	A
RadonTestResultIdentifier	a unique identifier for each lab result, there may be multiple tests per address, this # will be unique for each test	R	A
StateCode	State FIPS code: designator used to identify a principal administrative subdivision of the United States, Canada, or Mexico	R	A
CountyCode	County FIPS code: represents the county. U = Unknown can be accessed from: https://www.census.gov/geo/reference/codes/cou.html	R	A
RadonDataSourceName	The data source where the test data is retrieved (when pulling from multiple data sources). Examples are: VDH-EH Radon Database ACCUSTAR AirCheck AIRCHEK ALPHA AlphaEnergy EMS EMSL Florida Department of Health Radon Program Kansas Radon Program Data Landauer LANDAUERINC Mitigation Prolab	R	A
MeasureValue	The recorded dimension, capacity, quality, or amount of Radon ascertained by measuring or observing.	R	A
MeasureUnitName	The code that represents the unit for measuring the item (Radon test Unit). pCi/L = Picocuries per Liter	R	A

TestMethodTypeCode	Identifier of the type or category of method. 1 = pre-mitigation 2 = post-mitigation NC = not collected	R	A
AddressPostalCode	The combination of the 5-digit Zone Improvement Plan (ZIP) code and the four-digit extension code (if available) that represents the geographic segment that is a subunit of the ZIP Code, assigned by the U.S. Postal Service to a geographic location to facilitate mail delivery; or the postal zone specific to the country, other than the U.S., where the mail is delivered.	O/R if no County Code	A
CountyName	A name used to identify a primary geopolitical unit of the world.	O	A
TestFloorLevelTested	The floor level in the building where the Radon test was conducted. B = Basement F = Floor Level F1 = 1st floor F2 = 2nd floor F3 = 3rd floor F4 = Beyond 3rd floor 5 = Other 6 = Unknown NC = Not Collected	O	A
StateName	A name used to identify a principal administrative subdivision of the United States, Canada, or Mexico.	O	A
TribalLandName	The name of an American Indian or Alaskan native area where the location address exists.	O	A
TribalLandIndicator	An indicator denoting the location address is a tribal land	O	A
MunicipalityName	The name of the municipality - incorporated municipality (may be different from city)	O	A
LatitudeMeasure	Latitude Measurement (centroid of NJ grid cell) where the Radon Test was conducted.	O	A
LongitudeMeasure	Longitude Measurement (centroid of NJ grid cell) where the Radon Test was conducted.	O	A
RadonTestBuildingInformation	Information of Radon Test Building	O	A
FoundationTypeCode	A designator used to uniquely identify the Foundation Type that facility occupies. B = Basement C = Crawlspace S = Slab-on-grade P = Pier O = Other NC = Not Collected	O	A

BuildingPurposeCode	<p>The designator that represents the building purpose.</p> <p>R = Residential N = Non-residential ND = Non-residential Daycare NP = Non-residential daycare center in public school NS = Non-residential School NC = Not Collected C = Community Water Supply D = Daycare center P = Daycare center in public school S = School U = Unknown</p>	R	A
BuildingTypeCode	<p>The designator that represents the Type of the building purpose.</p> <p>R1 = Unattached R2 = Attached R3 = Other NC = Not Collected</p>	O	A
BuildingSubTypeCode	<p>The designator that represents the Sub-Type of the building purpose. 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 NC = Not Collected</p>	O	A
TestDeviceLocationText	<p>Specific room in the house where the Radon test was conducted (text)</p> <ul style="list-style-type: none"> - Master Bedroom - Bedroom - Family Room - Living Room - Dining Room - Study/Den - Basement - Other 	O	A
QCCheckTypeCode	<p>Quality Control Checks performed in Radon test. S = D = B =</p>	O	
MitigationSystemIndicator	<p>Indicator of using a Mitigation System.</p> <p>Y = Active System Operating During Test N = No Active System Operating U = Unkown-Labs Only NC = Not Collected</p>	O	A

MitigationTypeCode	<p>Specify the type of Mitigation System.</p> <p>ASD = Active Sub-slab Depressurization</p> <p>ASM = Active Sub-membrane Depressurization</p> <p>AEU = Air Exchange units</p> <p>A2A = Air -to-air Heat Exchangers</p> <p>BWS = Block Wall Suction</p> <p>CSV = Crawl Space Ventillation</p> <p>DTV = Drain Tile Ventillation</p> <p>EAC = Electronic Air Cleaner</p> <p>FV = Forced Ventillation</p> <p>GSC = General Sealing Caulking</p> <p>HRV = Heat Recovery Ventillation</p> <p>PSD = Passive Sub-slab Depressurization</p> <p>PSM = Passive Sub-membrane Depressurization</p> <p>VEN = Ventillation</p> <p>RFD = Reroute of Furnace Ductwork</p> <p>SFP = Sealed French Drain/Sump Pump</p> <p>SFD = Sealed French Drain</p> <p>SSP = Sealed Sump Pump</p> <p>OTH = Other</p> <p>NC = Not Collected</p>	O	A
MitigationInstallDate	Specify the Date when the mitigation system was installed	O	D
RealEstateTransactionIndicator	<p>Indicator of the building being tested for radon due to a Real Estate transaction or not.</p> <p>Y = Yes</p> <p>N = No</p> <p>NC = Not Collected</p>	O	
DeviceTypeName	<p>Name of instrument or equipment used for the Radon test.</p> <p>AC = Activated Charcoal Adsorption</p> <p>AT = alpha track</p> <p>ES = Short-term electret</p> <p>EL = Long-term electret</p> <p>CR = continuous radon monitor</p> <p>CW = continuous working level monitor</p> <p>LS = Charcoal Liquid Scintillation</p> <p>WL = Working Level</p> <p>NC = Not Collected</p> <p>CC = Charcoal Canister</p> <p>GR = Grab Sample - Radon</p> <p>GW = Grab Sample - Working Level</p> <p>RP = Radon Progeny Integrated Sampling Unit (RPISU)</p>	O	A
DeviceSerialNumberText	Serial number of the device that was used when the radon test was conducted.	O	A
PostMitigationMeasure	A Radon test result that occurs after a mitigation system has been installed.	O	A

LocationAddressText	The address that describes the physical (geographic) location of the front door or main entrance of a facility site, including urban-style street address or rural address	O	A
SupplementalLocationText	The text that provides additional information about a place, including a building name with its secondary unit and number, an industrial park name, an installation name or descriptive text where no formal address is available.	O	A
StateCodeListIdentifier	A code designator used to identify a principal administrative subdivision of the United States, Canada, or Mexico	O	A
CountryCode	A code designator used to identify a primary geopolitical unit of the world.	O	A
CountryCodeListIdentifier	A designator specifying the code set used to provide a country code. Can be used to identify the URL of a source that defines the set of currently approved permitted values.	O	A
CountryName	A name used to identify a primary geopolitical unit of the world.	O	A
CountyCodeListIdentifier	A designator specifying the code set used to provide a country code. Can be used to identify the URL of a source that defines the set of currently approved permitted values.	O	A
LocationDescriptionText	A brief explanation of a location, including navigational directions and/or more descriptive information.	O	A
StatePlaneNorthingYMeasure	Y Measurement where the Radon Test was conducted.	O	A
StatePlaneEastingXMeasure	X Measurement where the Radon Test was conducted.	O	A
CoordinateTypeCode	Defines whether the coordinates are actual or an estimate. A = Actual E = Estimate	O	A
CertifiedContractorIndicator	Indicator if the contractor performing the test is certified or not. Y = Yes N = No NC = Not Collected	O	A
ContractorName	A designator used to identify the certified/licensed contractor performing the test (company name).	O	A
SubstanceName	The name assigned to a chemical, biological or radiological substance or feature that describes it in terms of its molecular composition, taxonomic nomenclature or other characteristic (e.g, Radon test Analyte name)	O	A
MitigationInformationText	Mitigation information	O	A
LocalityName	The name of a city, town, village or other locality where tested structure is located	O	A
Census Tract Placeholder	Placeholder for Census Tract elements	O	A
PostMitigationUnitName	Radon test result unit for tests that occur after a mitigation system has been installed. pCi/L = Picocuries per Liter WL = Working Levels	O	A

