

Codebook for State Laws on Soil Vapor Intrusion

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State Laws on Soil Vapor Intrusion

This codebook describes the variables in a dataset that examines variation in state laws regulating soil vapor intrusion. This is a cross-sectional dataset, and captures laws in effect as of August 1, 2017. The jurisdictions selected for measurement are the 50 states and the District of Columbia.

This codebook should be used in conjunction with the statistical data extract that can be downloaded from the dataset homepage by clicking on the Data button. There are four standard variables in every LawAtlas dataset. They are:

JURISDICTION

This is a dropdown selection in each coding form. It includes the jurisdictions coded in the dataset.

EFFECTIVE DATE

This date (MM/DD/YYYY) is the most recent effective date of the legal text captured for this place. The effective date represents the date the policy coded was put into effect.

VALID THROUGH DATE

This date (MM/DD/YYYY) is either the last date a law or policy was in effect prior to an amendment or the last date the researcher confirmed the law or policy was in effect during the research process.

LEGAL TEXT

This is a text box that captures all legal text relevant to the coding questions. This will not download into Microsoft Excel.

Questions	
Question 1:	Does the state require soil vapor sampling?
Question Type:	Binary - mutually exclusive
Variable Name 1:	sampling
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 2:	
Question 2:	What type of VI sampling does this state require?
Question Type:	Categorical - check all that apply
Variable Name 2:	type-of-sampling_Crawl space air
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 3:	
Question 3:	What type of VI sampling does this state require?
Question Type:	Categorical - check all that apply
Variable Name 3:	type-of-sampling_Groundwater
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 4:	
Question 4:	What type of VI sampling does this state require?
Question Type:	Categorical - check all that apply
Variable Name 4:	type-of-sampling_Indoor air
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 5:	
Question 5:	What type of VI sampling does this state require?
Question Type:	Categorical - check all that apply
Variable Name 5:	type-of-sampling_Outdoor air
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes

Question 6:	What type of VI sampling does this state require?
Question Type:	Categorical - check all that apply
Variable Name 6:	type-of-sampling_Soil vapor
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 7:	What type of VI sampling does this state require?
Question Type:	Categorical - check all that apply
Variable Name 7:	type-of-sampling_Sub-slab
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 8:	What type of VI sampling does this state require?
Question Type:	Categorical - check all that apply
Variable Name 8:	type-of-sampling_Surface
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 9:	What type of VI sampling does this state require?
Question Type:	Categorical - check all that apply
Variable Name 9:	type-of-sampling_Sub-surface
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 10:	What type of VI sampling does this state require?
Question Type:	Categorical - check all that apply
Variable Name 10:	type-of-sampling_None
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 11:	Does the state have a law, regulation or stand alone guidance document regarding soil vapor intrusion?

Question Type:	Binary - mutually exclusive
Variable Name 11:	guidance
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 12:	Does the state address soil vapor intrusion within other guidance, law, and/or regulation?
Question Type:	Binary - mutually exclusive
Variable Name 12:	guidance
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 13:	Specify the type of guidance
Question Type:	Text Field
Variable Name 13:	guidance-specified
Question 14:	What categories of chemicals does the state address in SVI Pathway
Question Type:	Categorical - check all that apply
Variable Name 14:	products-chemicals_Volatile organic chemicals (VOC's)
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 15:	What categories of chemicals does the state address in SVI Pathway
Question Type:	Categorical - check all that apply
Variable Name 15:	products-chemicals_Semi-Volatile organic chemicals
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 16:	What categories of chemicals does the state address in SVI Pathway
Question Type:	Categorical - check all that apply
Variable Name 16:	products-chemicals_Petroleum hydrocarbons
Variable Values:	0, 1
Value Label:	0 = No

Value Label:	1 = Yes
Question 17:	What categories of chemicals does the state address in SVI Pathway
Question Type:	Categorical - check all that apply
Variable Name 17:	products-chemicals_Halogenated solvents
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 18:	What categories of chemicals does the state address in SVI Pathway
Question Type:	Categorical - check all that apply
Variable Name 18:	products-chemicals_pesticides
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 19:	What categories of chemicals does the state address in SVI Pathway
Question Type:	Categorical - check all that apply
Variable Name 19:	products-chemicals_radon
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 20:	What categories of chemicals does the state address in SVI Pathway
Question Type:	Categorical - check all that apply
Variable Name 20:	products-chemicals_metals
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 21:	What categories of chemicals does the state address in SVI Pathway
Question Type:	Categorical - check all that apply
Variable Name 21:	products-chemicals_Polychlorinated biphenyls (PCB's)
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes

Question 22:	Specify PCBs air limit (ug/m3)
Question Type:	Numeric Field
Variable Name 22:	pcb-s
Question 23:	Specify vinyl chloride indoor air limit (ug/m3)
Question Type:	Numeric Field
Variable Name 23:	vinyl-chloride
Question 24:	Specify methylene chloride indoor air limit (ug/m3)
Question Type:	Numeric Field
Variable Name 24:	methylene-chloride
Question 25:	Specify styrene Indoor Air levels (ug/m3)
Question Type:	Numeric Field
Variable Name 25:	styrene
Question 26:	Specify TCE Indoor air limit (ug/m3)
Question Type:	Numeric Field
Variable Name 26:	tce
Question 27:	Specify PCE indoor air limit (ug/m3)
Question Type:	Numeric Field
Variable Name 27:	perchloroethylene
Question 28:	Specify mercury indoor air limit (ug/m3)
Question Type:	Numeric Field
Variable Name 28:	mercury
Question 29:	Specify naphthalene indoor air limit (ug/m3)
Question Type:	Numeric Field
Variable Name 29:	naphthalene
Question 30:	Specify xylene indoor air limit (ug/m3)
Question Type:	Numeric Field
Variable Name 30:	xylene
Question 31:	Specify Toluene Indoor Air levels (ug/m3)

Question Type:	Numeric Field
Variable Name 31:	toluene
Question 32:	Specify ethyl benzene indoor air limit (ug/m3)
Question Type:	Numeric Field
Variable Name 32:	ethyl-benzene
Question 33:	Specify benzene Indoor Air levels (ug/m3)
Question Type:	Numeric Field
Variable Name 33:	benzene
Question 34:	Does the state specify a distance from impact area that is higher or lower than the EPA's established distance of 100ft?
Question Type:	Categorical - check all that apply
Variable Name 34:	distance-criterion-zone_Higher
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 35:	Does the state specify a distance from impact area that is higher or lower than the EPA's established distance of 100ft?
Question Type:	Categorical - check all that apply
Variable Name 35:	distance-criterion-zone_Lower
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 36:	Does the state specify a distance from impact area that is higher or lower than the EPA's established distance of 100ft?
Question Type:	Categorical - check all that apply
Variable Name 36:	distance-criterion-zone_Same
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 37:	Does the state specify a distance from impact area that is higher or lower than the EPA's established distance of 100ft?
Question Type:	Categorical - check all that apply
Variable Name 37:	distance-criterion-zone_Varies for chemicals of concern

Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 38:	Specify
Question Type:	Text Field
Variable Name 38:	limit-for-vapor-inclusion-zone
Question 39:	Does the state specify sampling requirements for pathways of the VI pathway?
Question Type:	Binary - mutually exclusive
Variable Name 39:	sampling-requirements
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 40:	Does the state distinguish between the following types of buildings?
Question Type:	Categorical - check all that apply
Variable Name 40:	types-of-buildings_Residential
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 41:	Does the state distinguish between the following types of buildings?
Question Type:	Categorical - check all that apply
Variable Name 41:	types-of-buildings_Commercial
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 42:	Does the state distinguish between the following types of buildings?
Question Type:	Categorical - check all that apply
Variable Name 42:	types-of-buildings_Industrial
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 43:	Does the state distinguish between the following types of buildings?

Question Type:	Categorical - check all that apply
Variable Name 43:	types-of-buildings_Schools
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 44:	Does the state distinguish between the following types of buildings
Question Type:	Categorical - check all that apply
Variable Name 44:	types-of-buildings_Day Cares
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes
Question 45:	Does the state specify requirements for SVI mitigation and/or remediation?
Question Type:	Binary - mutually exclusive
Variable Name 45:	mitigation
Variable Values:	0, 1
Value Label:	0 = No
Value Label:	1 = Yes