**Building Level (BL) Tables**1/23/2022

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OVERVIEW

Summary:  **Building** and **Feature** level tables available from Statewide Risk Assessment for West Virginia. The hazard focus areas are the riverine 1%-annual-chance (100-yar) flood, dam failures, and landslides. The risk assessment information from these tables assists in generating community risk profiles and pinpointing communities of higher risk. Flood risk assessment data focuses on the built environment, specifically building exposure, occupancy class, building year (FIRM status), building damage loss, and structures of significant importance. Areas of Mitigation Interest (AoMI) are identified from repetitive loss structures, substantial damage estimates, and mitigated properties. Other hazards supported with risk assessment data include dam/levee failures and landslides. Refer to the building-level (BL) tables for risk assessment information at the structure level, while the feature-level (FL) tables (e.g, buyout parcels, National Register Areas) are for information other than the structure level.

|  |  |
| --- | --- |
| **Risk Assessment Focus Area** | **Building or Feature Level Tabular Report** |
| Floodplain Building Inventory and Future Map Conditions | * Building Level Risk Assessments (BLRA) - Primary Buildings in High-Risk Effective and Advisory Floodplains
* Verified LOMAs Removal/Non-Removal Status SFHA Status
* Stream Name Building Counts and Building Value Exposure
 |
| Significant Structures of Importance | * Essential Facilities
* Community Assets
* National Register Sites
* National Register Areas
 |
| Data Extracts from BLRA (County/Community data verification lists) | * High Building Exposure
* High Potential Damage Loss
* High Minus Rated Structures
 |
| Top 100 Lists from BLRA (Statewide most vulnerable lists) | * Top Building Dollar Exposure
* Top Base Flood Depth
* Top Damage Loss Estimates (%)
* Top Damage Loss Estimates ($)
* Top Minus Rated, Post-FIRM Construction Structures
* Top Mitigated Elevated Structures
 |
| Mitigation | * Areas of Mitigation Interest (AoMI)
* Buyout Properties
* Repetitive Loss Structures (not publicly accessible)
* Mitigated Structures (future development)
 |
| Other Hazards | * Dam and Levee Failures
* Communities Downstream of High Hazard Dams
 |
| Other Risk Assessment Datasets | * Elevation Certificates
* Building Proximity to Flood Source (future development)
* Substantial Improvement / Substantial Damage Changes
* Building Inventory Update Maintenance - Appraisal Change between Tax Year 2021 and Previous Tax Year 2020
* Housing Tenure
 |

# BUILDING LEVEL RISK ASSESSMENT

## Building Inventory and Risk Assessment (BLRA)

1. **Building Level Risk Assessment**
	1. File Names:
		1. Statewide: << BLRA\_Statewide.xlsx >>
		2. PDC Region: << Rx\_BLRA\_Full\_List.xlsx >>
	2. Description: Building characteristics, locational data, flood zone information, and risk assessment model outputs for every primary structure within the 1%-annual chance floodplain. Also includes structures classified as essential facilities within the 0.2%-annual chance floodplain. Statewide or regional GIS files can be downloaded.
	3. BLRA Data Categories
		1. Building Identification
			1. Lat
			2. Long
			3. Plus\_Code
			4. Building\_ID
			5. Building\_Type
			6. Full\_E-911\_Address
			7. GIS\_Parcel\_ID
			8. IAS\_ID
			9. WV\_Flood\_Tool\_Link
			10. WV\_Parcel\_Assessment\_Link
		2. Community Identification
			1. CID
			2. Community\_Name
			3. County
			4. Incorporated\_Unincorporated
		3. Stream Information
			1. Stream\_Name
			2. Watershed\_HUC8
		4. Flood Zone Information
			1. Flood\_Zone\_Designation
			2. Floodway
			3. FloodPlainType\_RiskLayer
			4. Non\_Regulatory
			5. FIRM\_Status
			6. Flood\_Depth\_Value
			7. Flood\_Depth\_Source
			8. WSEL\_Value
			9. WSEL\_Source
			10. Ground\_Elevation
			11. Ground\_Elevation\_Source
		5. Building Information
			1. Full\_Owner\_Address
			2. Owner\_Name\_s
			3. Year\_Built
			4. Grade
			5. Property\_Class\_Code
			6. Property\_Class\_Description
			7. Tax\_Class
			8. Land\_Use\_Code
			9. Land\_Use\_Description
			10. Hazard\_Occupancy\_Code
			11. General\_Occupancy\_Code
			12. Stories
			13. Exterial\_Wall\_Type
			14. Architectural\_Style
			15. Structure\_Area
			16. Basement\_Type
			17. Foundation\_Type
			18. First\_Floor\_Height
			19. Dwelling\_Value
			20. Commercial\_Value
			21. OBY\_Value
			22. Building\_Appraisal
			23. Building\_Value\_Source
			24. Total\_Structures
			25. Accessory\_Structures\_Count
			26. Units
		6. Other
			1. Critical\_Infrastructure / Essential Facilities / Community Assets (None, School, Hospital, Nursing Home, Police Station, Fire Station, 911 Center, College/University, Religious Institutions, Government, EMS, Utility, Other)
			2. Governmental\_Building (Federal, State, Local)
			3. Historical\_Structure
			4. Federal\_Land
			5. Comments
			6. Data\_Issue\_1
			7. Data\_Issue\_2
			8. Timestamp
		7. Population Displacement
			1. Average\_Household\_Size
			2. Residential\_Units\_FLD
			3. Displaced\_Population\_FLD\_BLD
		8. Risk Assessment Model Outputs
			1. Depth\_Grid
			2. Depth\_in\_Struc
			3. flExp
			4. SOID
			5. BDDF\_ID
			6. BldgDmgPct
			7. BldgLossUSD
			8. ContentCostUSD
			9. CDDF\_ID
			10. ContDmgPct
			11. ContentLossUSD
			12. InventoryCostUSD
			13. IDDF\_ID
			14. InvDmgPct
			15. InventoryLossUSD
			16. Debris\_Tot
			17. Restor\_Days\_Min
			18. Output Attribute
			19. Restor\_Days\_Max
			20. GridName

## LOMAs Verified – Removal/Non-Removal Status

1. **LOMAS Verified**
	1. File Name: << LOMA\_Verified\_Status.xlsx >>
	2. Description: Verified positional Elevation Certificates. SFHA Determination data field input for future map conditions for building level risk assessment.
	3. Data Field Categories
		1. LOMAs Verified
			1. GISPID (Lot only LOMA)
			2. Building ID (Structure LOMA)
			3. Test
			4. SFHA Map Status
			5. Determination of SFHA (Removal, Non-Removal, Out as Shown, Superseded)
			6. Correct\_XY
			7. New Coordinates
			8. CASENUMBER
			9. STATUS
			10. PROJECTNAM
			11. LOTTYPE
			12. OUTCOME
			13. NOTES
			14. Superseded?
			15. PROJECTCAT
			16. DATEENDED
			17. CID
			18. COMMUNITYN
			19. LAT
			20. LON
			21. PDFHYPERLI
			22. REVAL\_STAT
			23. DETERMINAT

# SIGNIFICANT STRUCTURES

## Essential Facilities

## Community Assets

1. **Significant Structures**
	1. File Name: << BL\_Essential Facilities.xlsx ; BL\_Community\_Assets.xlsx >>
	2. Description: Building level essential facilities and community assets.
	3. Data Field Categories. Key Variable is Facility Type.
		1. Significant Structures
			1. CID
			2. Community Name
			3. County
			4. Incorporated/Unincorporated
			5. WV RPDC Region
			6. Facility Name
			7. Building ID
			8. Parcel ID
			9. Full Address
			10. Facility Type
			11. Hazus Occupancy Code
			12. Building Appraisal
			13. Appraisal Source
			14. Floodplain Type
			15. In Floodway
			16. Flood Tool Link
			17. Governmental Building
			18. Depth Grid
			19. Building Damage Percent

## National Register Areas (Feature Level)

1. **Historical Community Assets – National Register Areas**
	1. File Name: << FL\_CommunityAssets\_NRAreas.xls >>
	2. Description: National Register Areas or Historical Districts features that intersect the 1%-annual-chance floodplain.
	3. Community: CID, Name, County, Unincorporated/Incorporated, RPDC
	4. NATIONAL REGISTER AREA
		1. Historic Name
		2. # Building Points in National Register Area
		3. Feature Link to WV Flood Tool

# BLRA – DATA EXTRACTS

## High Building Dollar Exposure

## High Building Damage Estimates

## Minus Rated Post-FIRM Structures

1. **BLRA Data Extracts**
	1. File Names:
		1. High Building Dollar Exposure << BL\_buildingExposure\_Rx.xlsx >>
		2. High Building Damage Estimates << BL\_buildingDamage\_Rx.xlsx
		3. Minus Rated Post-FIRM Construction << BL\_minusRated\_Rx.xlsx << >>
	2. Description: Data extracts from Building Level Risk Assessment (BLRA) geodatabase for communities wanting to focus on the high building dollar exposure, high building damage estimates, and high post-FIRM minus rated structures. These data extracts are useful for validating building-level risk assessment information at the county and community levels. A spreadsheet Excel file exist for each region which is further divided into county data sheets. Building-level risk assessment records are sorted in descending order from high to low values. Records can be filtered on additional data fields liked occupancy class to segregate residential and non-residential structures. The BLRA data extracts are defined and sorted on criteria defined below.
	3. Extract Query Criteria:
		1. **High Building Dollar Exposure:** 10% of total floodplain building total for community or countywide.
		2. **High Building Damage Estimates:** All buildings with >50% damage percent and > $10,000 building loss
		3. **Minus Rated Post-FIRM Construction:** All buildings with water depth-in-structure > 1 ft. and appraisal value > $50,000 that are not pre-FIRM.
		4. Notes: Minimum of two building records displayed for all reports. At least one residential and non-residential building are included in the table listing. See [Data Extract Criteria](https://data.wvgis.wvu.edu/pub/RA/State/BL/Extract/_SelectionCriteria/) reference slide.
	4. BLRA Data Extract Categories. Query data fields denoted in **red** below. Other records for analytics in **blue**.
		1. << Building Identification >>
			1. Building ID
			2. Community Name
			3. GIS Parcel ID
			4. Full E-911 Address
			5. WV Flood Tool Link
			6. Owner Names
		2. << Flood Zone Information >>
			1. Stream Name (Flood Source)
			2. Flood Zone Designation
			3. **Floodway**
			4. FIRM Status (Pre-FIRM, Post-FIRM, Unknown)\*
		3. << Building Types and Characteristics >>
			1. Year Built
			2. **Grade**
			3. Hazard Occupancy Code
			4. **General Occupancy**
			5. Stories
			6. Structure Area
			7. Foundation Type
			8. First Floor Height
			9. Building Appraisal\*
			10. Building Value Source
		4. << Flood Damage Estimates >>
			1. **Depth Grid**
			2. Depth in Structure (Minus Rating)\*
			3. Building Damage Percent\*
			4. Building Loss Dollar Value\*

# BLRA – TOP 100 LISTS

## Top Building Dollar Exposure

## Top Flood Depths

## Top Building Damage Percent and Dollar Loss Estimates

## Minus Rated Post-FIRM Structures

## Mitigated Elevated Structures

1. **Top 100 Building Lists**
	1. File Name: << BL\_top\_100\_statewide.xlsx >>
	2. Description: Statewide lists of the top 100 most vulnerable structures for building dollar exposure, damage loss estimates (percent and dollar loss values for 1%-annual-chance flood), and minus rated post-FIRM construction. A list of mitigated structures with the highest first floor heights is also provided. The top lists derived from the Building Level Risk Assessment (BLRA) geodatabase are useful for validating building-level risk assessment information at the statewide level. The table is organized by the different list types: building exposure, building damage, minus-rated structures, and mitigated structures. The building-level risk assessment records are sorted in descending order from high to low values. Records can be filtered on additional data fields like occupancy class to segregate residential and non-residential structures. The BLRA top lists are defined and sorted on the selection criteria defined below.
	3. Top List Query Criteria:
		1. **Building Dollar Exposure**: Structures with highest Building Appraisal values. Non-residential properties typically have the highest values.
		2. Flood Depths: Structures with highest Flood Depth values. Model-backed depth grids are not available for all Approximate A Zones.
		3. **Damage Loss Estimates %:** Structures with highest Building Damage Percent (%). 1%-annual-chance damage loss estimates as percent damage. Substantial Damage >= 50%. Flood depth, first floor height, and building value are key variables.
		4. **Damage Loss Estimates $**: Structures with highest Building Damage Loss Dollar ($) Value. 1%-annual-chance damage loss estimates as percent damage. Flood depth, first floor height, and building value are key variables.
		5. **Minus Rated Post-FIRM Construction**: Post-FIRM structures with highest minus rating. Includes structures in which building year of construction is unknown.
		6. **Mitigated Elevated Structures**: Mitigated elevated structures with the highest first floor heights. An elevated structure has a First Floor Height >= 5 feet. Source information: First Floor Height, Foundation Type, Mitigated Structure Inventories, Elevation Certificates, Building Pictures, etc.
	4. Top List Data Categories. Query data fields denoted in **red** below. Other records for analytics in **blue**.
		1. << Building Identification >>
			1. Building ID
			2. CID
			3. Community Name
			4. County
			5. Community Type
			6. Region
			7. GIS Parcel ID
			8. Full E-911 Address
			9. WV Flood Tool Link
			10. Owner Names
		2. << Flood Zone Information >>
			1. Stream Name (Flood Source)
			2. Flood Zone Designation
			3. Floodway
			4. FIRM Status (Pre-FIRM, Post-FIRM, Unknown)\*
		3. << Building Types and Characteristics >>
			1. Year Built
			2. Grade
			3. Hazard Occupancy Code
			4. General Occupancy
			5. Asset (Essential Facility or Community Asset)
			6. Stories
			7. Structure Area
			8. Foundation Type
			9. First Floor Height\*
			10. Building Appraisal\*
			11. Building Value Source
		4. << Flood Damage Estimates >>
			1. Flood Depth\*
			2. Flood Depth Source
			3. Depth In Structure\*
			4. Building Damage Percent\*
			5. Building Loss Value\*
		5. << Mitigated >>
			1. Mitigated Building (Yes / No)\*
	5. Other Top List BLRA Statewide Queries and Graphics. A total of 98,451 structures have been inventoried in the high-risk effective and advisory 1%-annual-chance floodplains.
		1. Building Exposure
			1. Top 26 Non-Residential Structure Type (Design and Materials). [Graphic](https://data.wvgis.wvu.edu/pub/RA/State/BL/Graphic/BL_Top_Bldg_Exposure.pdf).
			2. Top 375 Single Family Residential >= $300K. [Graphic](https://data.wvgis.wvu.edu/pub/RA/State/BL/Graphic/BL_Top_RES1_Exposure.pdf).
		2. Damage Loss Estimates
			1. Top 30 Non-Residential Damage Loss Dollar Estimates >= $474K. [Graphic](https://data.wvgis.wvu.edu/pub/RA/State/BL/Graphic/BL_Top_Damage_Loss_Estimate.pdf).
			2. Top 125 Residential Single Family Loss >= $100K. [Graphic](https://data.wvgis.wvu.edu/pub/RA/State/BL/Graphic/BL_Top_RES1_Damage_Loss_Estimate.pdf).
			3. Top 6,751 (7%) of 98,451 Floodplain Structures Estimated for Substantial Damage (>=50% Damage). 98.8% of substantially damaged structures are single dwelling structures (RES1 = 47.1%) and RES2 = 51.7%). [Graphic](https://data.wvgis.wvu.edu/pub/RA/State/BL/Graphic/BL_Damage_estimate_greater_50percent.pdf).
		3. Post-FIRM and Minus Rated Structures
			1. Post-FIRM Structures 22,812 (23% of total floodplain structures)
			2. Post-FIRM and Minus Ratings
				1. Minus Rating 1: 4,223 (4% statewide) in which water depth in structure > 1 ft.
				2. Minus Rating 3:

Statewide: 2,272 (2% statewide) in which water depth in structure >= 3 ft. BLRA lists 46 structures >= 15 feet. [Graphic](https://data.wvgis.wvu.edu/pub/RA/State/BL/Graphic/BL_Top_Minus-Rated_Post-FIRM_greater_3ft.pdf).

Region 4: 142 Structures (2%) of 7,122 high-risk floodplain structures. [Graphic](https://data.wvgis.wvu.edu/pub/RA/State/BL/REG4_post-FIRM_water_depth_20211014.pdf).

# MITIGATION

## Areas of Mitigation Interest (AoMI)

1. **Areas of Mitigation Interest**
	1. File Name: << BL\_AoMI.xlsx >> *partial statewide coverage*
	2. Description: Areas of Mitigation Interest (AoMI) identified by:
		1. Repetitive Loss Structures
		2. Substantial Damage Estimates
		3. Mitigated Properties
		4. Flood Depths
		5. High Water Marks
		6. Similar Topography
	3. Data Field Categories.
		1. AOMi Data Fields. AoMI Name = red text. Factors in identifying AoMIs = blue text. High water marks and similar topography are factors too.
			1. Building ID
			2. Community Name
			3. CID
			4. County
			5. Incorporated/Unincorporated
			6. WV RPDC Region
			7. Stream Name (Flood Source)
			8. AoMI Name
			9. **RL Area**
			10. GIS Parcel ID
			11. Full E-911 Address
			12. WV Flood Tool Link
			13. Flood Zone Designation
			14. **Floodway**
			15. Owner Names
			16. FIRM Status
			17. Year Built
			18. Grade
			19. Hazard Occupancy Code
			20. General Occupancy
			21. Stories
			22. Structure Area
			23. Foundation Type
			24. First Floor Height
			25. Building Appraisal
			26. Building Value Source
			27. **Depth Grid**
			28. Depth in Structure
			29. **Building Damage Percent**
			30. **Building Loss Value**
			31. ***Mitigated***

## Buyout Properties

1. **Buyout Properties**
	1. File Name: << FL\_Buyout\_Properties.xlsx >>
	2. Description: Mitigated buyout properties. Features identified at the property parcel level.
	3. Data Field Categories.
		1. Buyout Data Fields.
			1. Root\_PID
			2. PID
			3. CountyCode
			4. DISTRICT
			5. MAP
			6. PARCEL
			7. SUFFIX
			8. LAT\_83
			9. LONG\_83
			10. CID
			11. CID\_Name
			12. County
			13. Incorp\_Unincorp
			14. WVRPDC
			15. IAS\_Owner\_Full
			16. IAS\_Legal\_Desc\_Full
			17. S\_Date\_Executed
			18. IAS\_DeedBook
			19. IAS\_DeedPage
			20. IAS\_DeedAcres
			21. S\_Agency (County, State, Federal)
			22. S\_Project\_ID
			23. S\_Hazard (Flood or Landslide)
			24. S\_Program (FEMA, NRCS, USACE)
			25. S\_Address
			26. S\_PrevOwner
			27. Comments
			28. QC\_Acres
			29. QC\_Geometry\_Flag
			30. QC\_Assmt\_Flag
			31. QC\_Imagery\_Flag
			32. QC\_Comments
			33. Parcel\_Link
			34. IAS\_Link
			35. FloodTool\_Link

# OTHER HAZARDS

## Dams

1. **High Hazard Dams**
	1. File Name: << HH\_Dams\_Communities\_Downstream.xlsx >>
	2. Description: High and significant hazard dams. Attributes from the National Inventory Dams, supplemented with location links to the WV Flood Tool and communities downstream of dam structure.
	3. Data Field Categories.
		1. Data Fields
			1. DAM\_NAME
			2. OTHER\_DAM\_
			3. DAM\_FORMER
			4. STATEID
			5. Inundation (Inundation flood zones from WV Conservation Agency)
			6. NIDID
			7. LONGITUDE
			8. LATITUDE
			9. SECTION
			10. COUNTY
			11. REGION
			12. RIVER
			13. CITY
			14. DISTANCE
			15. OWNER\_NAME
			16. OWNER\_TYPE
			17. DAM\_DESIGN
			18. PRIVATE\_DA
			19. DAM\_TYPE
			20. CORE
			21. FOUNDATION
			22. PURPOSES
			23. YEAR\_COMPL
			24. YEAR\_MODIF
			25. DAM\_LENGTH
			26. DAM\_HEIGHT
			27. STRUCTURAL
			28. HYDRAULIC\_
			29. NID\_HEIGHT
			30. MAX\_DISCHA
			31. MAX\_STORAGE (Acre-Feet)
			32. NORMAL\_STO
			33. NID\_STORAG
			34. SURFACE\_AR
			35. DRAINAGE\_A
			36. HAZARD
			37. Rank
			38. %
			39. Normalize
			40. EAP
			41. INSPECTION
			42. INSPECTI\_1
			43. STATE\_REG\_
			44. STATE\_REG1
			45. SPILLWAY\_T
			46. SPILLWAY\_W
			47. OUTLET\_GAT
			48. VOLUME
			49. NUMBER\_OF\_
			50. LENGTH\_OF\_
			51. WIDTH\_OF\_L
			52. FED\_FUNDIN
			53. FED\_DESIGN
			54. FED\_CONSTR
			55. FED\_REGULA
			56. FED\_INSPEC
			57. FED\_OPERAT
			58. FED\_OWNER
			59. FED\_OTHER
			60. SOURCE\_AGE
			61. STATE
			62. SUBMIT\_DAT
			63. URL\_ADDRES
			64. CONG\_NAME
			65. PARTY
			66. CONG\_DIST
			67. OTHERSTRUC
			68. NUMSEPARAT
			69. PERMITTING
			70. INSPECTI\_2
			71. ENFORCEMEN
			72. JURISDICTI
			73. EAP\_LAST\_R
			74. Remarks
			75. X\_wmA84
			76. Y\_wmA84
			77. Flood\_Tool\_Link
			78. LSAD
			79. CLASSFP
			80. MTFCC
			81. CSAFP
			82. CBSAFP
			83. METDIVFP
			84. FUNCSTAT
			85. ALAND
			86. AWATER
			87. INTPTLAT
			88. INTPTLON
			89. Owner\_Type\_Full
			90. Hazard\_Level\_Full
		2. Communities Downstream
			1. C1 (nearest) to C38 (farthest) communities

# OTHER RISK ASSESSMENT DATASETS

## Elevation Certificates

1. **Elevation Certificates**
	1. File Name: << Elevation\_Certificates.xlsx >>
	2. Description: Elevation Certificates. Focus is on collecting and publishing elevation certificates of mitigated construction in which structures are elevated (Building Diagrams 5 through 8).
	3. Data Field Categories
		1. Building Identification
			1. Building\_ID
			2. CASE\_NUM
			3. Address
			4. CITY
			5. COUNTY
			6. Lat
			7. Long
			8. Flood\_Tool\_Link
			9. EC\_Web\_Link
			10. Building\_Picture
		2. Elevation Certificate Information
			1. EC\_A7\_Building\_Diagram
			2. EC\_A8\_Flood\_Openings
			3. EC\_B6\_FIRM\_Index\_Date
			4. EC\_B7\_Map\_Panel\_Date
			5. EC\_B8\_Flood\_Zone
			6. EC\_B9\_BFE
			7. EC\_B11\_Vertical\_Datum
			8. EC\_C1\_Built\_Status
			9. EC\_C2a\_ToBF
			10. EC\_C2b\_ToNHF
			11. EC\_C2c\_BoLSM
			12. EC\_C2f\_LAG
			13. EC\_D\_Certified\_Year
			14. Superseded
			15. Notes
			16. Processing\_Notes
			17. Processor
			18. Foundation\_Code
			19. Subgrade\_Structure
			20. LFE
			21. FFH
			22. Minus\_Rating
			23. QC
			24. QC\_Notes

## Building Distance to Flood Source

1. **Proximity to Flood Source**
	1. File Name: << BL\_Nearest\_Stream.xlsx >>
	2. Description: With BLRA points as Input Features and FEMA’s NFHL water lines (flood source) as Near Features, the Near geoprocessing tool from Analysis toolbox in Arc computes the distance between the structure and stream centerline.
	3. Data Field Categories
		1. Structure to Proximity Categories
			1. Building ID
			2. Community Name
			3. Stream Name
			4. GIS Parcel ID
			5. Full E-911 Address
			6. WV Flood Tool Link
			7. Flood Zone Designation
			8. Floodway
			9. Nearest Stream Name
			10. Distance to Nearest Stream (ft.)
			11. Owner Names
			12. FIRM Status
			13. Year Built
			14. Grade
			15. Hazard Occupancy Code
			16. General Occupancy
			17. Stories
			18. Structure Area
			19. Foundation Type
			20. First Floor Height
			21. Building Appraisal
			22. Building Value Source
			23. Depth Grid
			24. Depth in Structure
			25. Building Damage Percent
			26. Building Loss Value

## Substantial Improvement / Substantial Damage

1. **Substantial Improvement / Substantial Damage**
	1. File Name: << SI\_SD.xlsx >>
	2. Description: Building appraisal changes, either substantial improvement or damage, greater than 50% for consecutive tax assessment years. Report generated from SQL query of statewide tax assessment database. Split parcels may have difference tax classes (e.g., Tax Class 2 and 3 records) and form part of the unique identifier.
		1. Structure to Proximity Categories
			1. IAS-PID
			2. GISPID
			3. TaxClass
			4. TaxYear
			5. BuildingAppraisalPrev
			6. BuildingAppraisal
			7. % Change (% change = building value change of two consecutive years ÷ initial value × 100)
			8. SD/SI
			9. Owner Change
			10. Flood Tool Link