**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