

RISK INDICATOR RESOURCES

<i>Findings</i>	<i>Report</i>	<i>In Development</i>
Fast Facts	Report (RPT)	30 Fast Facts about Flooding in West Virginia
FLOODPLAIN CHARACTERISTICS		
• Floodplain Area	? Map RPT	Total acreage of Special Flood Hazard Area (unincorporated place and larger scales)
• Floodplain Area Ratio	? Map RPT	Ratio of Special Flood Hazard Area to total geographic scale area (incorporated place scale)
• Floodplain Length	? Map RPT	The total river/stream length in miles of high-risk 1%-annual-chance (100-year) floodplains
• Floodplain Length Ratio	? Map RPT	Length of floodplain length in miles to total community area (incorporated place scale)
• Flood Declared Disasters	? Map RPT	Number of-declared flood disasters in a county since 1953
• Flood Depth Median	? Map RPT	Median value of base flood (100-yr) depths of all primary structures inventoried in the high-risk flood zones
BUILDING EXPOSURE		
• Bldg. Floodplain Count	? Map RPT	Primary structures in the Special Flood Hazard Area (SFHA)
• Bldg. Floodway Count	? Map RPT	Primary structures located in the Regulatory Floodway (main river channel) of 100-year floodplain
• Bldg. Floodplain Ratio	? Map RPT	Percentage of floodplain buildings to total buildings
• Bldg. Density	? Map RPT	Density of buildings in high-risk flood areas to total floodplain acres (or building per mile for rivers/streams).
BUILDING CHARACTERISTICS		
• Bldg. Median Value	? Map RPT	Appraised building median values from the most recent tax assessment data or other building value data sources for tax-exempt structures in the high-risk floodplain
• Mobile Homes Ratio	? Map RPT	Percentage of manufactured buildings (occupancy code RES2) among all single-family structures (RES1 and RES2) in the high-risk floodplain
• Basement Ratio	? Map RPT	Percentage of primary structures with subgrade basements in the high-risk floodplain
• One-Story Ratio	? Map RPT	Percentage of one-story structures in floodplain
• Pre-FIRM Ratio	? Map RPT	Percentage of pre-FIRM buildings
• Post-FIRM Ratio	? Map RPT	Percentage of minus rated post-FIRM buildings
• Occupancy Class	? Map RPT	Occupancy class (residential/non-residential) information

CRITICAL INFRASTRUCTURE		
• Essential Facilities	? Map RPT	Number of essential facilities (police/fire stations, E-911, EOC's, schools, hospitals, and nursing homes) in the high, moderate, and reduced risk flood zones
• Roads Inundated Ratio	? Map RPT	Percentage of roads inundated by flood waters of 1 foot or more by a major 1% annual chance (100-yr) flood event
COMMUNITY ASSETS		
• Historical Community Assets	? Map RPT	Number of historical community assets listed on the National Register of Historic Places, the official list of the Nation's historic places worthy of preservation and includes buildings identified within National Register Areas/Districts constructed before 1930
• Non-Historical Community Assets	? Map RPT	Number of non-historical community assets including utilities (water, sewage, gas, electric, or phone), post-secondary educational facilities, emergency medical services (EMS), government buildings providing public services, and facilities hosting religious services.
DAMAGE ESTIMATES		
• Substantial Damage Count	? Map RPT	Estimated number of primary structures substantially damaged from a 1% annual chance (100-yr) flood.
• Substantial Damage Ratio	? Map RPT	Percentage of substantially damaged structures (damaged equal to or greater than 50% of the building value) to total floodplain structures.
• Previous Damage Claims	? Map RPT	Number of previous flood-related insurance claims for a geographic unit since 1978.
• Repetitive Loss Structures	? Map RPT	Number of NFIP-insured structures that have had at least 2 paid flood losses of more than \$1,000 each in any 10-year period since 1978.
PEOPLE / SOCIAL		
• Population in Floodplain Ratio	? Map RPT	Percentage of population residing in the high-risk Special Flood Hazard Area to total population.
• Population Displaced Ratio	? Map RPT	Estimated percentage of population displaced by a major flood of a 1% annual chance (100-yr) probability, causing inundation of equal to or greater than 1 foot.
• WV Social Vulnerability Index	? Map RPT	Social vulnerability index developed for West Virginia based on eight socioeconomic and demographic indicators.
OTHER HAZARDS		
• Landslides	? Map RPT	Landslide hazard resources

CUMULATIVE FLOOD RISK		
<ul style="list-style-type: none">Cumulative Index Score	? Map RPT	Cumulative Riverine Flood Risk Index for 7 aggregate scales: region, county, community, unincorporated area, incorporated place, watershed, and river/stream

Compiled 12/4/2025 by Kurt Donaldson