

NONSTRUCTURAL MITIGATION MEASURES

A statewide assessment of open space parcels and mitigated structures indicates that the most commonly implemented nonstructural flood mitigation measures in West Virginia are **structure acquisition/demolition** combined with **relocation outside the floodplain**, followed by **structure elevation**, which often includes wet floodproofing (e.g., flood vents) for closed foundations.

MITIGATION TYPES

STRUCTURE ACQUISITION & RELOCATION

Acquisition & Demolition



Relocate to Higher Ground

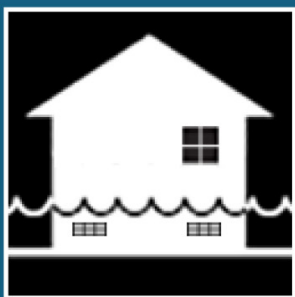


Relocate to Safer Location



STRUCTURE ELEVATION

Closed Foundation
(Solid Wall > 5 ft.,
Crawlspace < 5 ft.)



Open Foundation
(Columns, Posts,
Piers, Piles)



Raised Foundation
on Slab or Fill



OTHER FLOOD RISK ADAPTIVE MEASURES

Wet
Floodproofing



Dry
Floodproofing



Barrier
System



Basement
Backfilling

