

FLOOD RISK RESEARCH – including 2016 WV Flood Deaths



Remembering
the
West Virginia
2016
Flood Victims

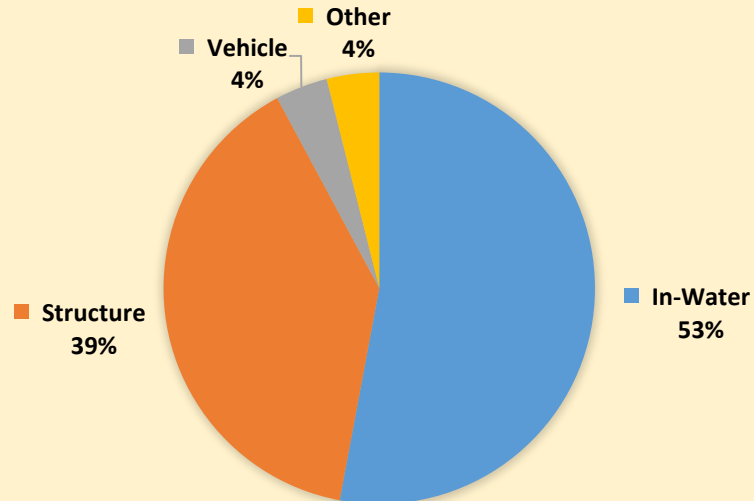


Delmas & Rita
Parsons

Counties:
Kanawha
Greenbrier
Jackson
Ohio

2016 WV Flood Fatality Research

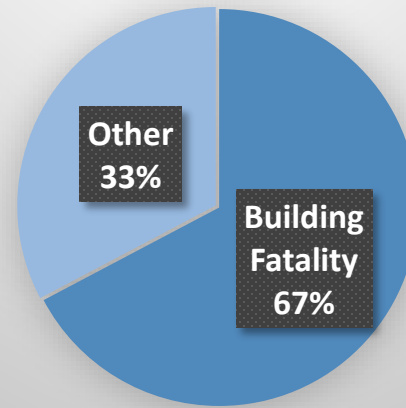
FATALITY LOCATION



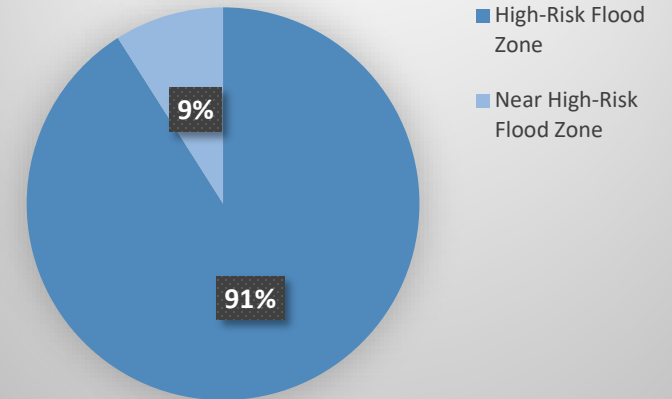
Most deaths occurred at or near the victims' residence.

Fatalities Associated with a Building

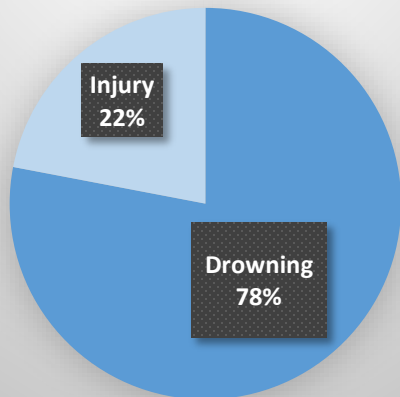
17 of the 23 fatalities were associated with private residential structures of which homes with basements or no second floor presented a greater risk of loss of life.



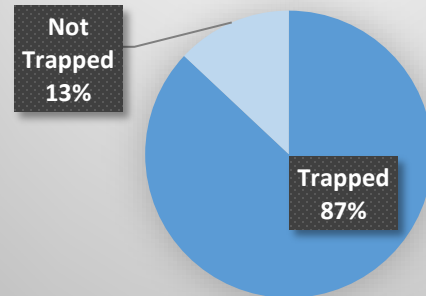
Fatalities by FEMA Flood Zone Risk



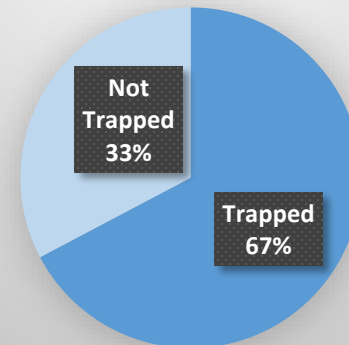
Cause of Death



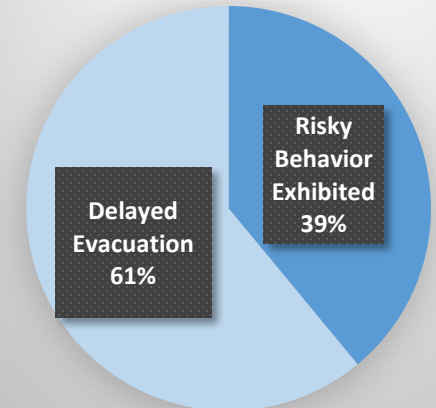
Rapid Rise of Water Contributed to Fatalities



Victims Trapped in Homes or Vehicles



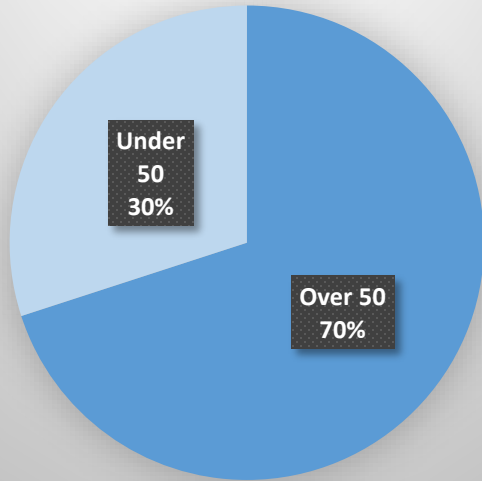
Flood Behavior



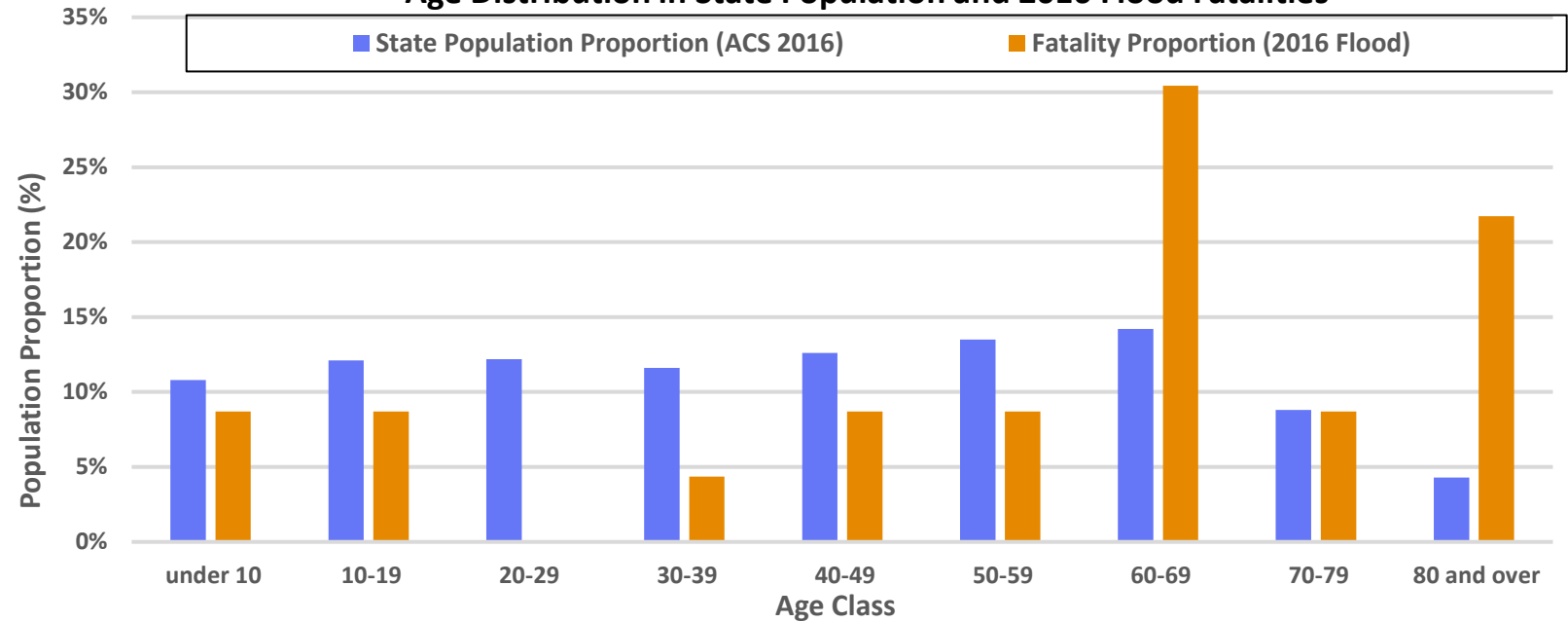
Risky behavior was identified for 9 of the 23 victims. It is estimated that the other 14 victims delayed evacuating.

2016 WV Flood Fatality Research

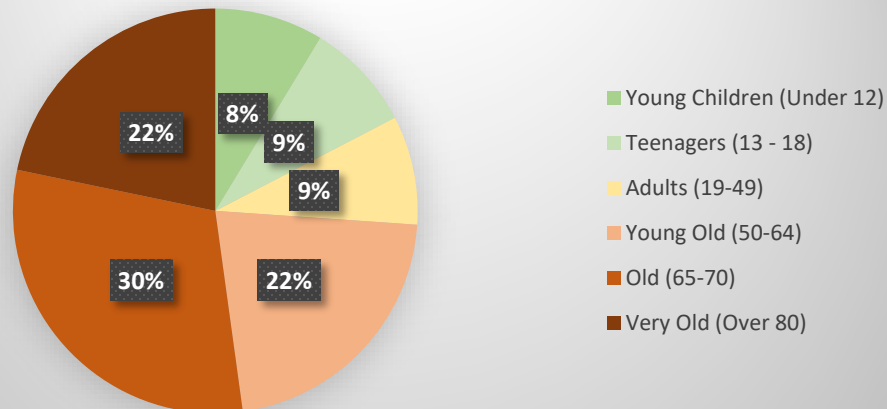
Age



Age Distribution in State Population and 2016 Flood Fatalities

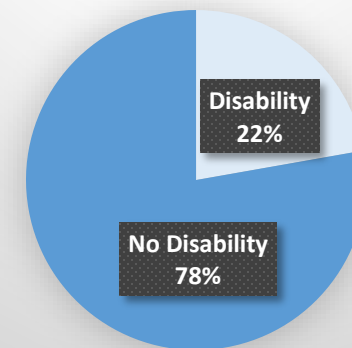


Age Groups



Disabilities

A minimum of 5 victims had pre-existing health conditions and disabilities while living with care givers who were unable to seek medical attention or evacuate persons of need in a timely manner.



WV 12 Deadliest Floods (1870-2016) for Fatalities

