

areas are classified as WUI Community Protection Zones/CPZs. As indicated by the table above, 97% of county's WUI population live in CPZs.

By use of the Professional Viewer and Community Assessor Applications of the SouthWRAP Portal, a WUI CPZ is defined and summarized in relation to wildfire information for the area. A detailed Risk Summary Report is generated using a set of pre-defined map products for the WUI CPZ. These support tools are available for homeowners, land owners, elected officials, local fire agencies and state/federal fire management agencies to utilize in their determinations concerning key priorities for planning and wildland fire management issues. These issues include home safety, firefighter safety, wildfire response, and reduction of firefighting costs. Each product in this report is accompanied by a general description, table, chart and/or map.

A list of available SouthWRAP products in this report is provided in the following table:

SouthWRAP Product	Description
Wildland Urban Interface (WUI)	Depicts where humans and their structures meet or intermix with wildland fuel
WUI Risk Index	Represents a rating of the potential impact of a wildfire on people and their homes*
Community Protection Zones	Represents those areas designated as primary and secondary priorities for community protection planning
Burn Probability	Probability of an area burning given current landscape conditions, percentile weather, historical ignition patterns and historical fire prevention and suppression efforts
Wildfire Ignition Density	Likelihood of a wildfire starting based on historical ignition patterns
Characteristic Rate of Spread	Represents the speed with which a fire moves in a horizontal direction across the landscape
Characteristic Flame Length	Represents the distance between the tip and base of the flame
Fire intensity Scale	Quantifies the potential fire intensity for an area by orders of magnitude
Fire Type – Extreme	Represents the potential fire type (surface or canopy) under extreme percentile weather conditions
Surface Fuels	Contains the parameters needed to compute surface fire behavior characteristics
Dozer Operability Rating	Level of difficulty to operate a dozer in an area based on limitations associated with slope, bodies of water, and vegetation type

* The key WUI input reflects housing density data (houses per acre). The location of people living in the WUI and rural areas is key information for defining potential wildfire impacts upon people and their homes.