

## Level of Service

Fighting fire in Kern County is truly a cooperative effort. Kern County Fire Department provides fire protection by contract to the cities of Delano, McFarland, Wasco, Shafter, Arvin, and Ridgecrest. Kern also cooperates fully with the other incorporated cities within the county: Bakersfield, Taft, and California City. Additionally, Kern County Fire Department actively participates in the State Master Mutual Aid system and has operating agreements with the USDA Forest Service Sequoia and Los Padres National Forests, the Bakersfield and Cal Desert Districts of the USDI Bureau of Land Management, CAL FIRE & Department of Forestry, and the Fish and Wildlife Service. The cooperation between all the above-listed agencies comprises the fire protection delivery system within the County of Kern.

The legislature has charged the California fire service with providing an equal level of fire protection to lands of similar type (PRC 4130). To do this, we must have a system to analyze the level of service being provided to the wildland areas. This rating is expressed as the percentage of fires that are successfully attacked. Success is defined as those fires that are controlled before unacceptable damage or cost is incurred.

$$\text{Success Rate} = \frac{\text{Annual number of fires that were small and extinguished by initial}}{\text{Total number of fires}} \times 100 = \text{the success rate in percent}$$

The result is an initial attack success rate in percentage. **For our purposes, and as defined by CDF (State Board of Forestry), any fire suppressed at less than 10 acres was considered an initial attack success.**

### Available Resources

Available Resources	
Resource Type	Number
Air Attack Platform	1
Helicopter Type 2/Hoist & Night Vision Capable	2
Dozer Type 2*	6
Hand Crew Type 1*	4
Engine Type 4	45
Engine Type 3	15
Engine Type 2x	5
Engine Type 1	36
Mobile Kitchen Unit	1

\* Crews/Dozers can be assembled in Strike Team configuration