

PROGRAM C 3 © BUSHFIRE CRC LTD 2008

## Human induced ignitions

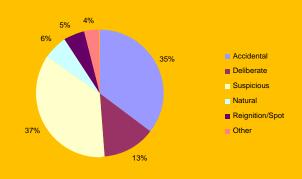
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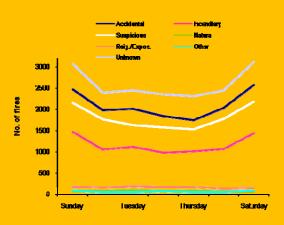
## Target Reduce numbers of deliberate ignitions

## What we know

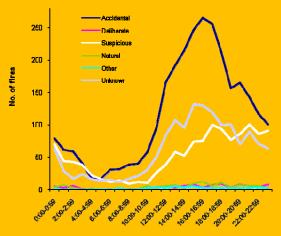
- •People are responsible for 85% of bushfires.
- •Many of these have severe consequences in terms of lives and/or property lost and severe damage to ecosystems.
- •Those deliberately lighting fires are hard to catch and even more difficult to convict.
- •There are strong patterns in human induced ignitions: more fires on weekends, ignition times later at night for deliberate and suspicious fires compared with accidental fires.



Source: Combined Australian fire agencies (computer data file)



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## What we can do

Build a model of bushfire ignitions based on geographic, demographic, climatic and socioeconomic variables

Predict deliberate ignition hotspots

Implement targeted strategies within communities at greater bushfire risk, including education





