

# Fire Safety Indaba October 2013



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Improving Fire Safety through new  
administrative paradigms





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# Brief overview of CCT



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- City area expands across 2455 km<sup>2</sup>
- Variable risks contained within - ranging from extreme to low risk.
- Includes Nuclear Power station, international airport and harbour, military installations, Petro-chemical industries, high risk commercial and industrial areas, high to low end market residential properties, wildland interface and informal settlements (approximately 250)
- Approximately 4 million inhabitants
- +-24000 staff members in the organisation
- +- 1100 Fire and Rescue staff members
- +- 930 Operational staff
- +- 40 Fire and Life safety staff



# Fire and Rescue Service

## Service delivery areas

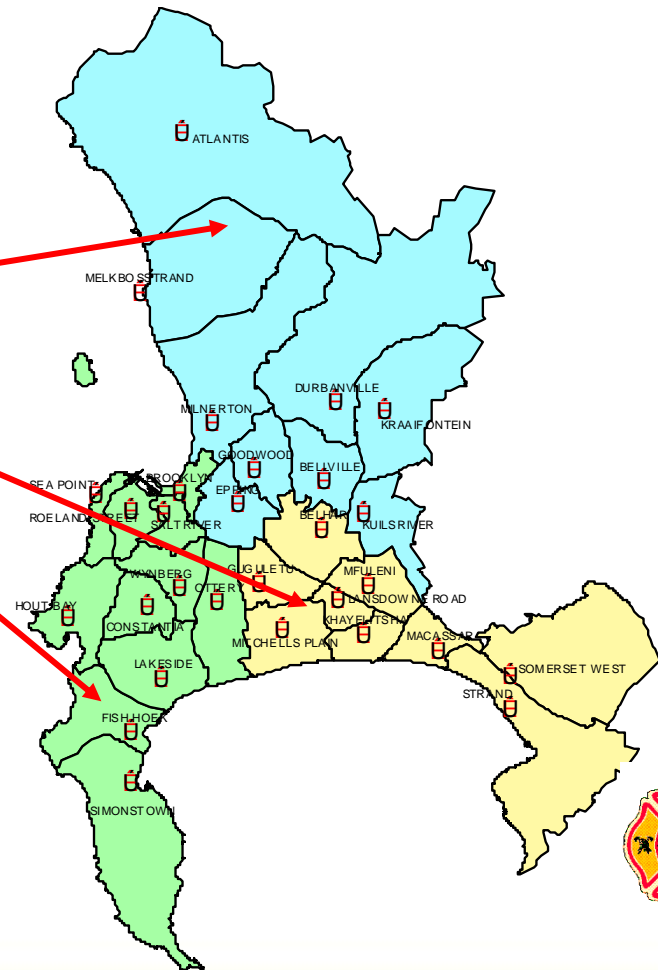


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Variable risk area = 2456 Km<sup>2</sup>

- 3 Districts
  - (District HQ in each)
- 9 Divisions
  - (Divisional HQ in each)
- 30 Fire Stations
  - (Community stations in each division)



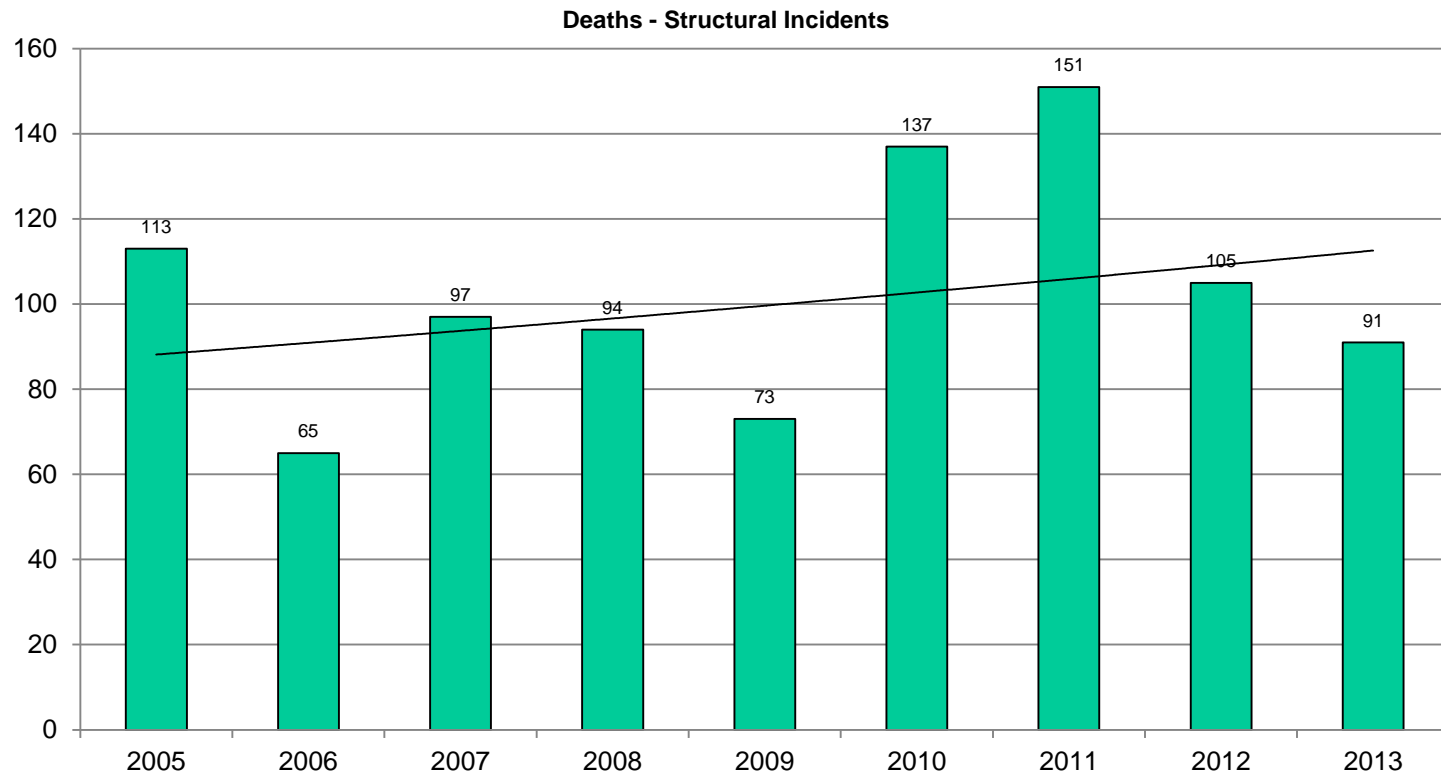
# Death Stats – Fires



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- Deaths



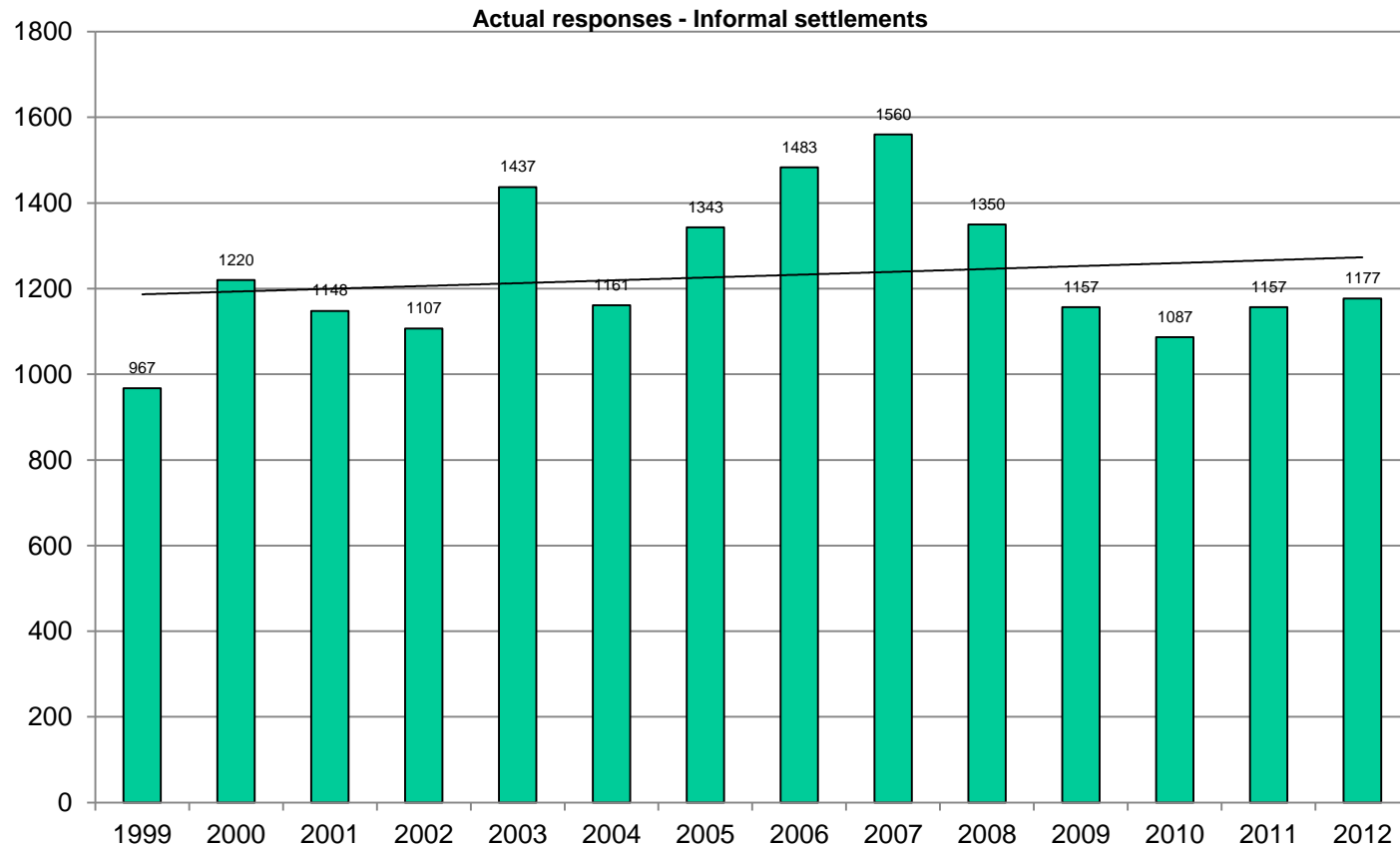
# Informal Fire Stats



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- Number of incidents responded to



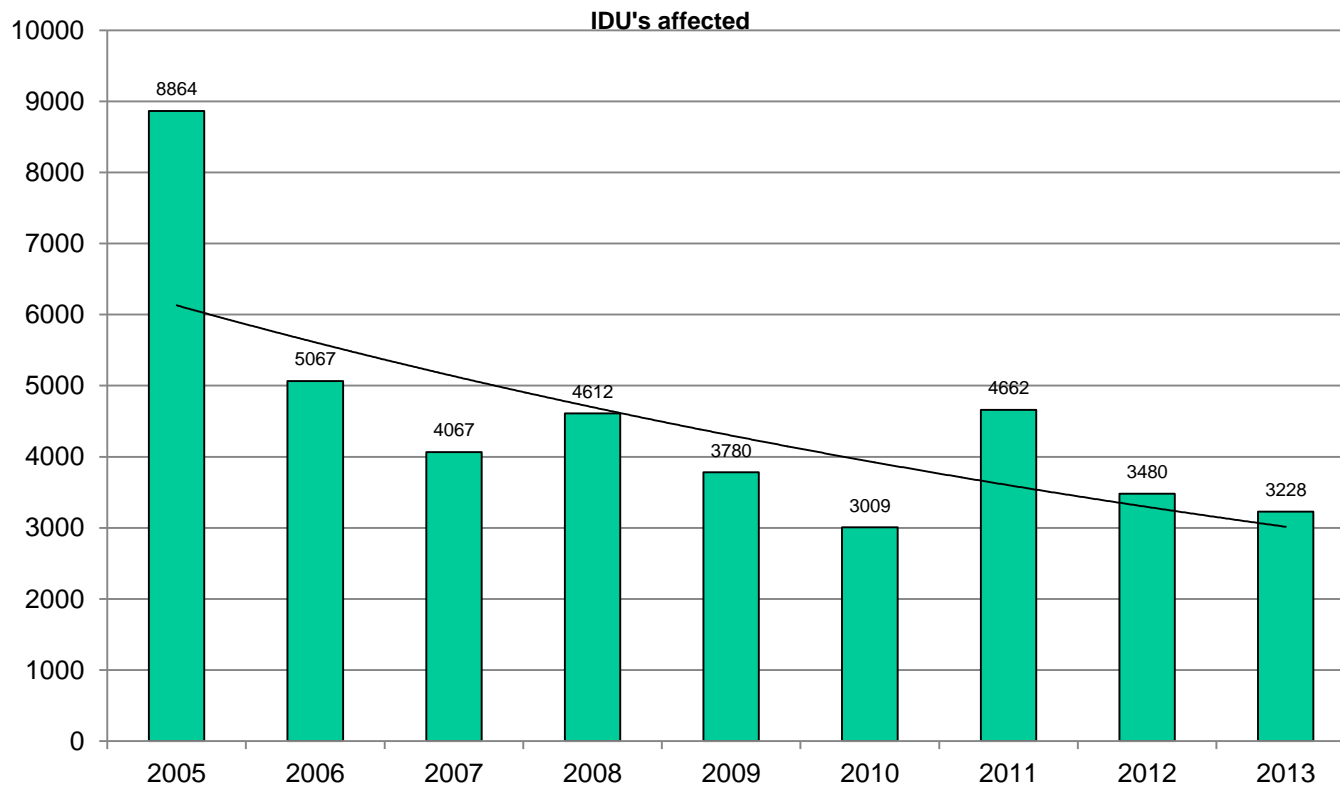
# Stats



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- Number of Structures affected



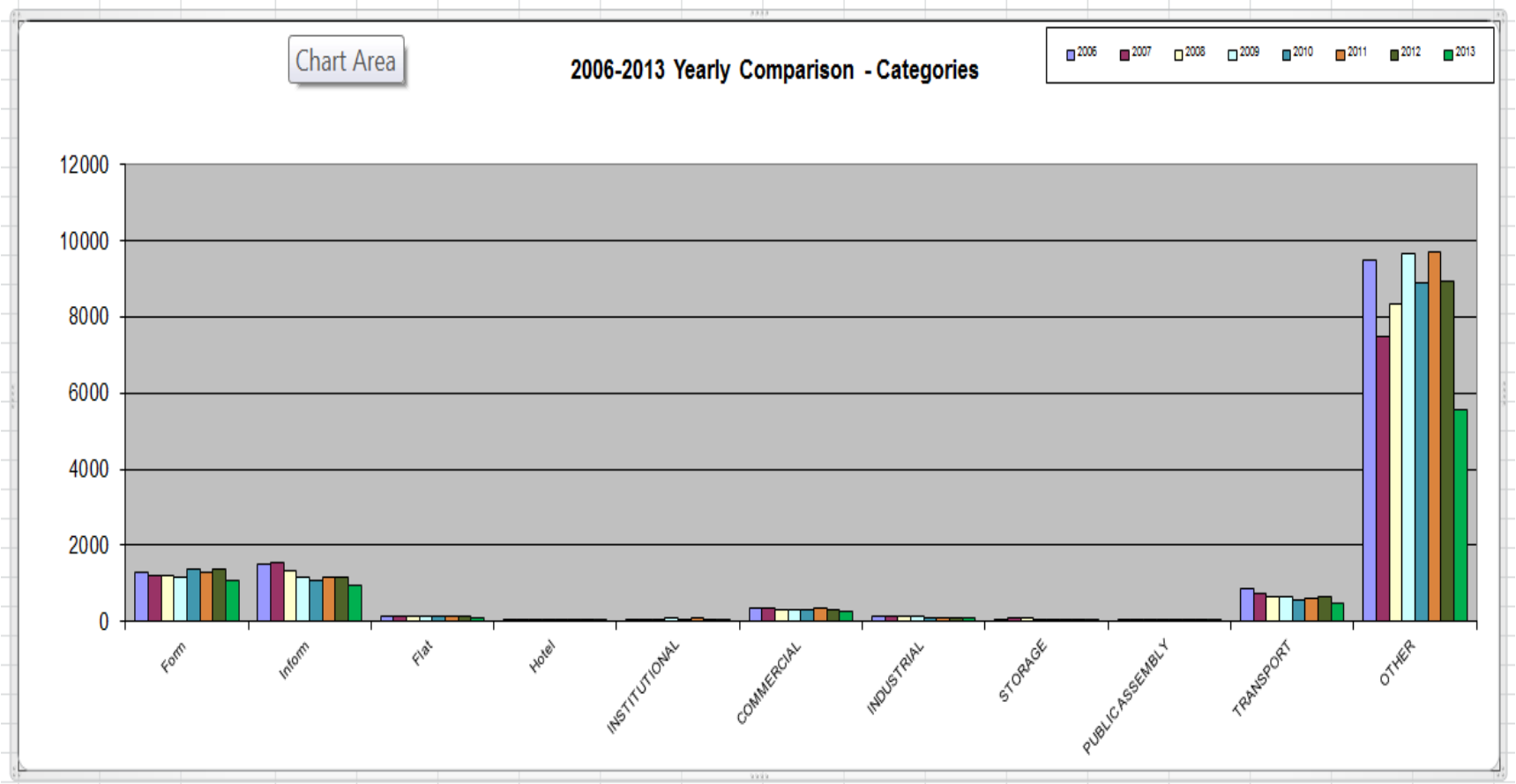


# Structural responses



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# New Paradigms



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- Is it not time to introduce changes into our Fire and Rescue Services
- Traditionally a reactive service – minimal focus on fire safety – why?
  - Not enough resources and manpower
  - Not enough time
  - Rapid development of cities
  - Population influx into urban environments
  - Increase in population and structural densities
- So what new administrative processes and paradigm shifts can be implemented and how do we “squeeze blood from a stone”

# Alter the thought patterns

- “Prevention is better than cure”
  - Change the mind-set and vision
- Pro-active vs reactive
  - Change the strategy
- Training and development
  - Change the focus
- Implementation
  - Change the plans



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# How do we do that?



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- “Prevention is better than cure”
  - Vision, mission, thought processes
- Pro-active vs reactive
  - Traditionally reactive service – respond quickly
  - Work quickly and efficiently (Fire-fighters prayer)
  - Putting the “wet stuff on the red stuff” vs pre-planning and prevention
- Training and development
  - Current training of entry level focusses on pure operational fire-fighting practices – introduce fire safety from day one.
- Implementation
  - Have an action plan – develop the material and implement across the service – work with tangible follow up evidence – communication.
  - Educate the community – not just about the dangers, but what to do.

# Utilise operational staff



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- A potential work-force is almost immediately available
- 30 fire stations with an approximately 200 fire-fighters on duty per shift
- Assign fire safety as a priority in terms of performance management and KPI's
- Compulsory basic fire safety inspections – Inspectorate
- Compulsory basic fire safety education intervention - awareness
- Daily shift program - one intervention per shift in the community you serve
- Fire safety introduction in the education curriculum – School fire safety officers – “adopt a school” program
- Fire safety message and targeted fire safety interventions

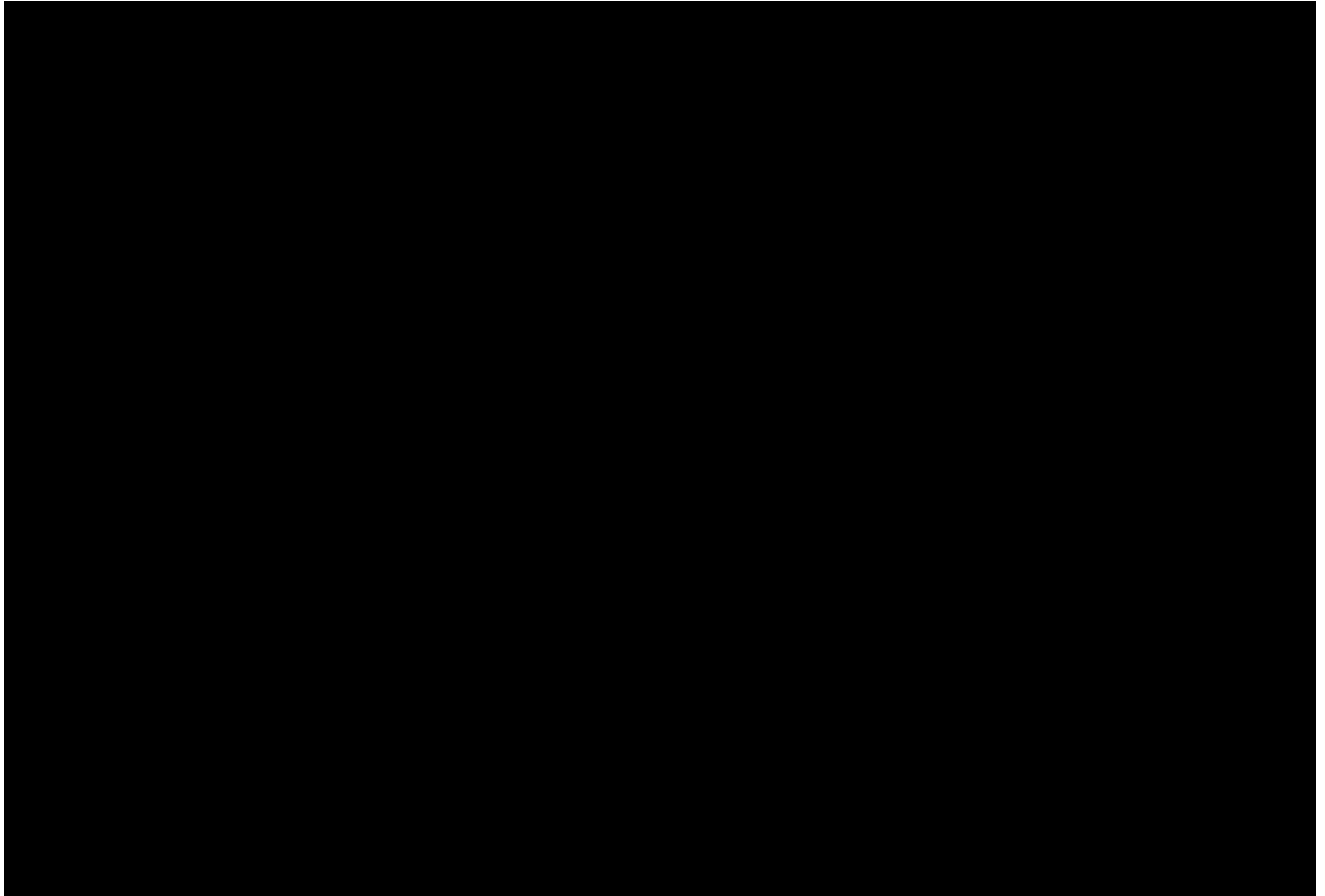
# Need to do more of this



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# [AKitchenOilFire.wmv](#)



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To ensure that this



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**Does not land up like this**



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**Thank you**

