



# **SCDF**

The Life Saving Force

## **SCIC - SCDF Dialogue 2017**



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20 Nov 2017

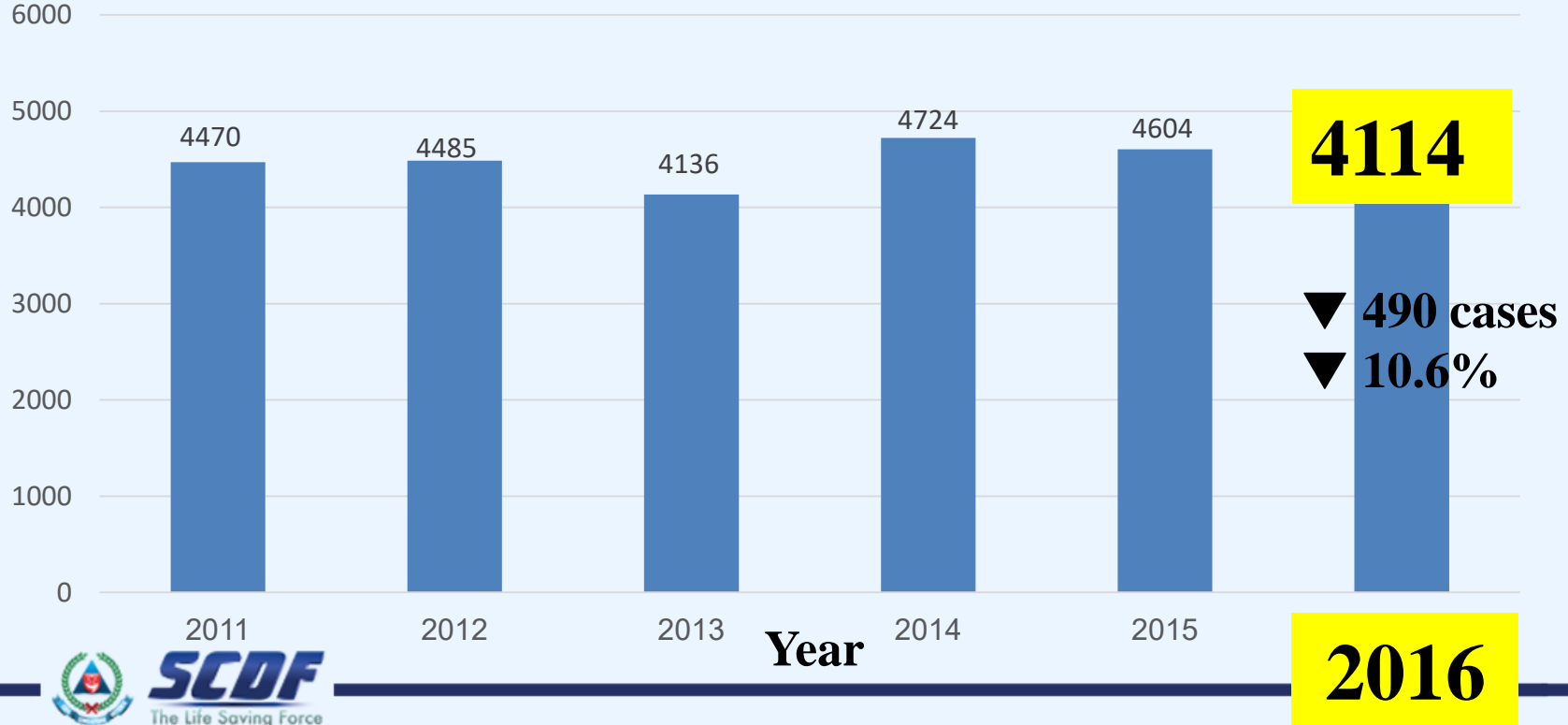
# SCOPE

- **Fire Statistics (2016)**
- **Case Studies**
- **Conclusion**



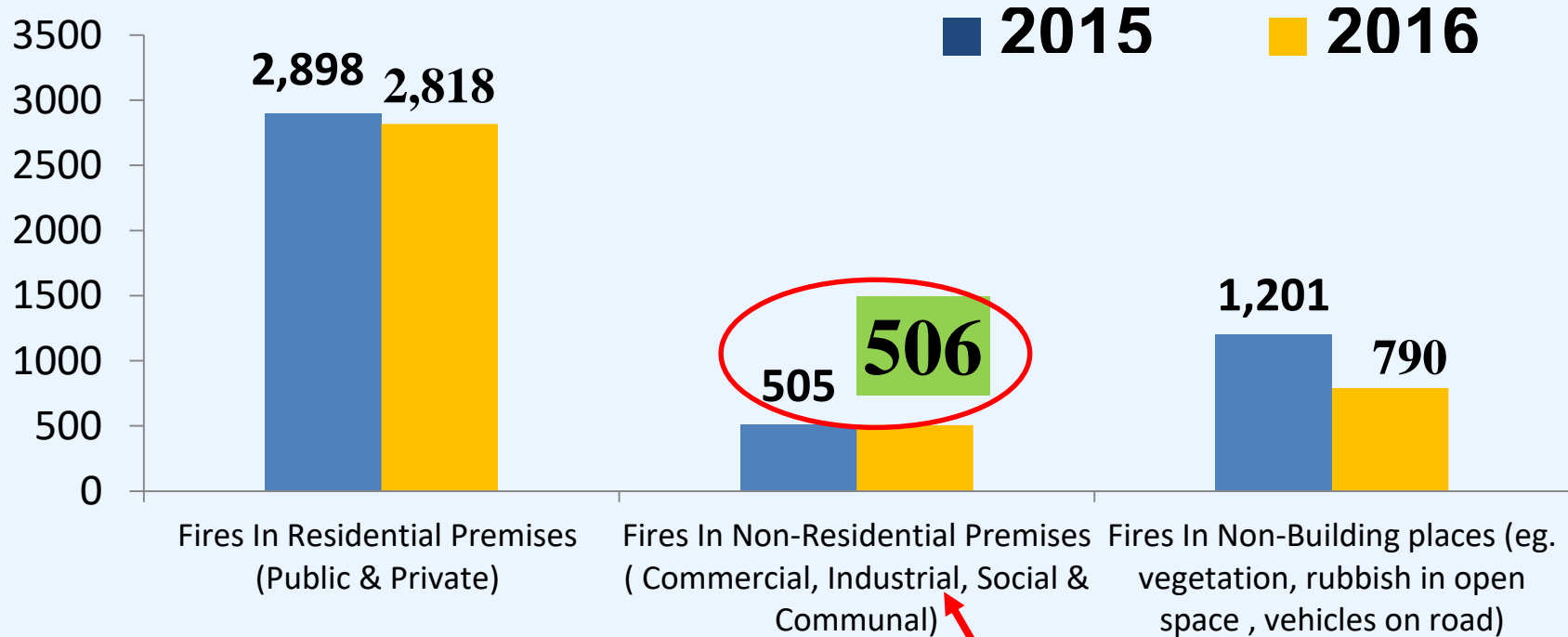
# FIRE STATISTICS

## Total no. of Fires Responded to by SCDF



# FIRE STATISTICS

## Breakdown of Fires by Type of Premises

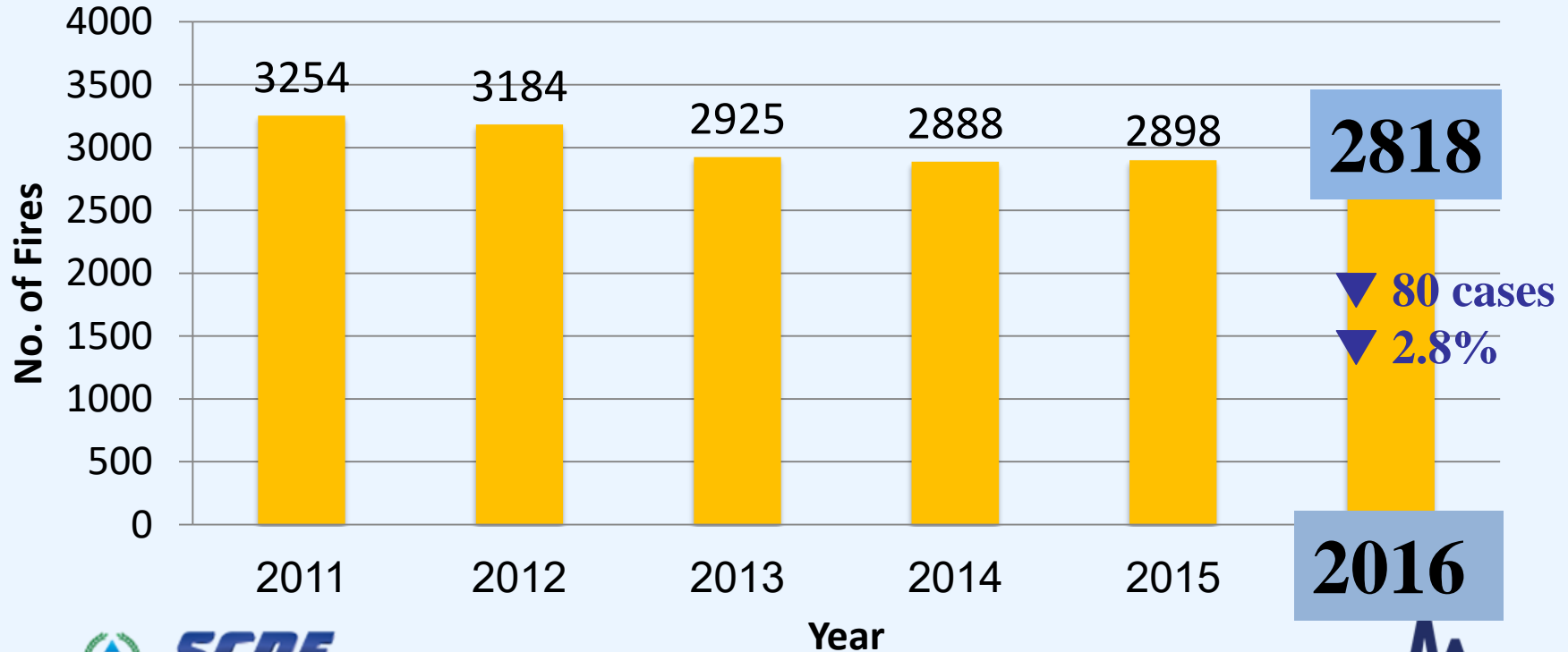


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# FIRE STATISTICS

## Fires in Residential Premises

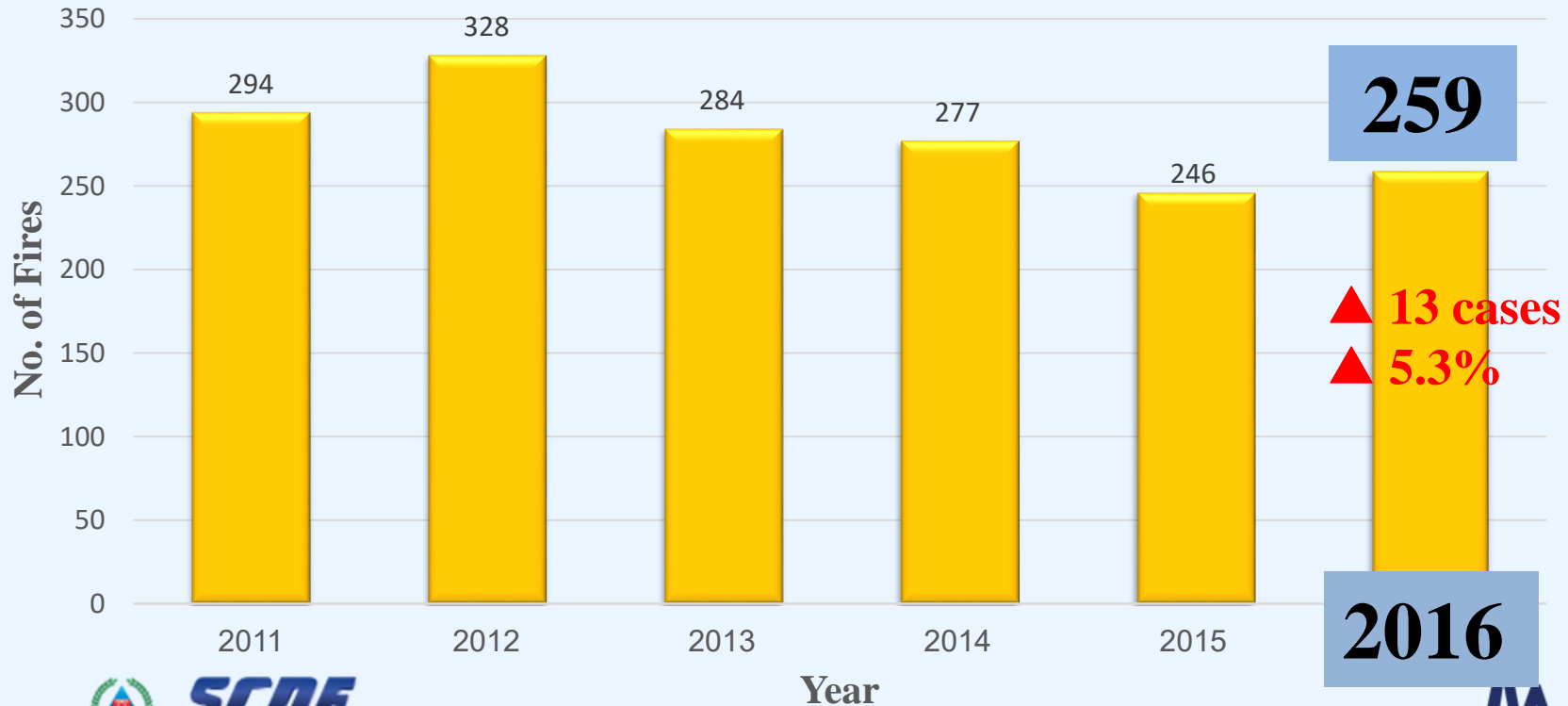


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# FIRE STATISTICS

## Fires in Commercial Premises

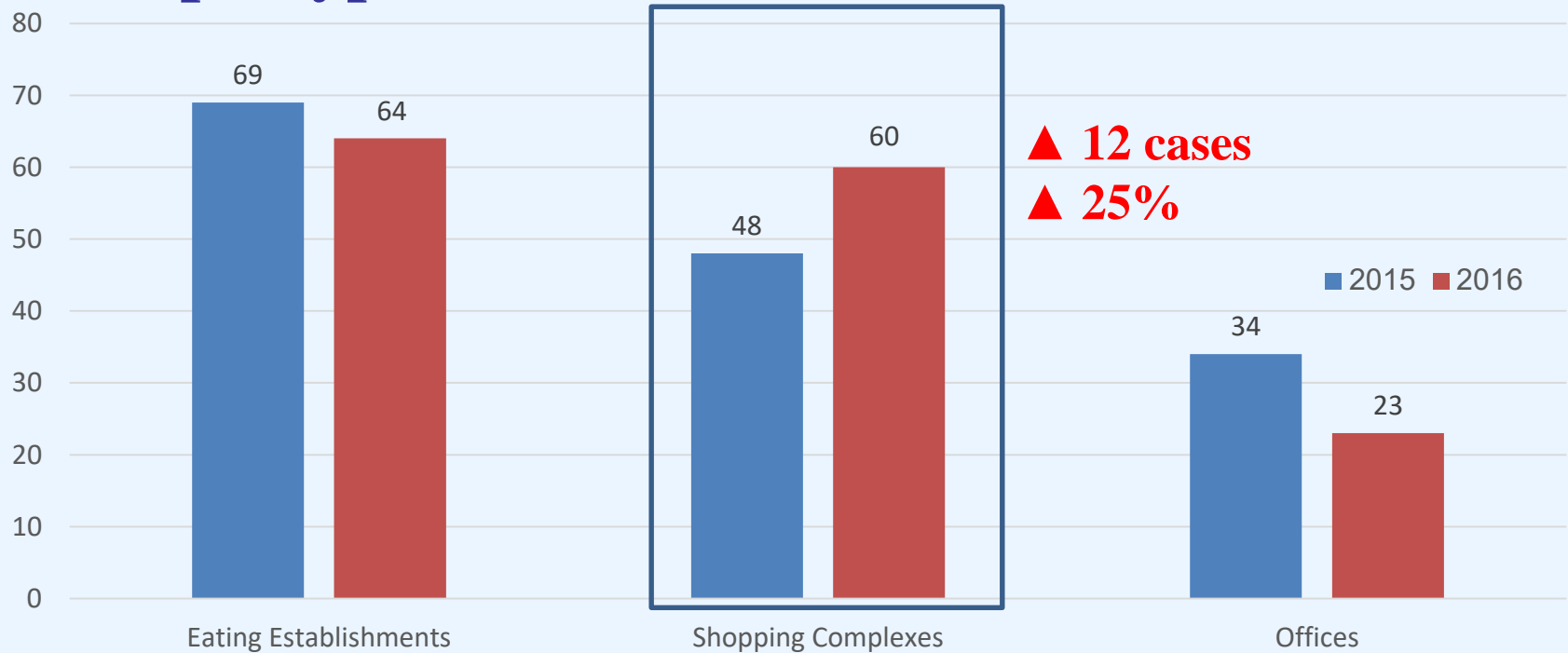


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# FIRE STATISTICS

## Top 3 types of Fires in Commercial Premises

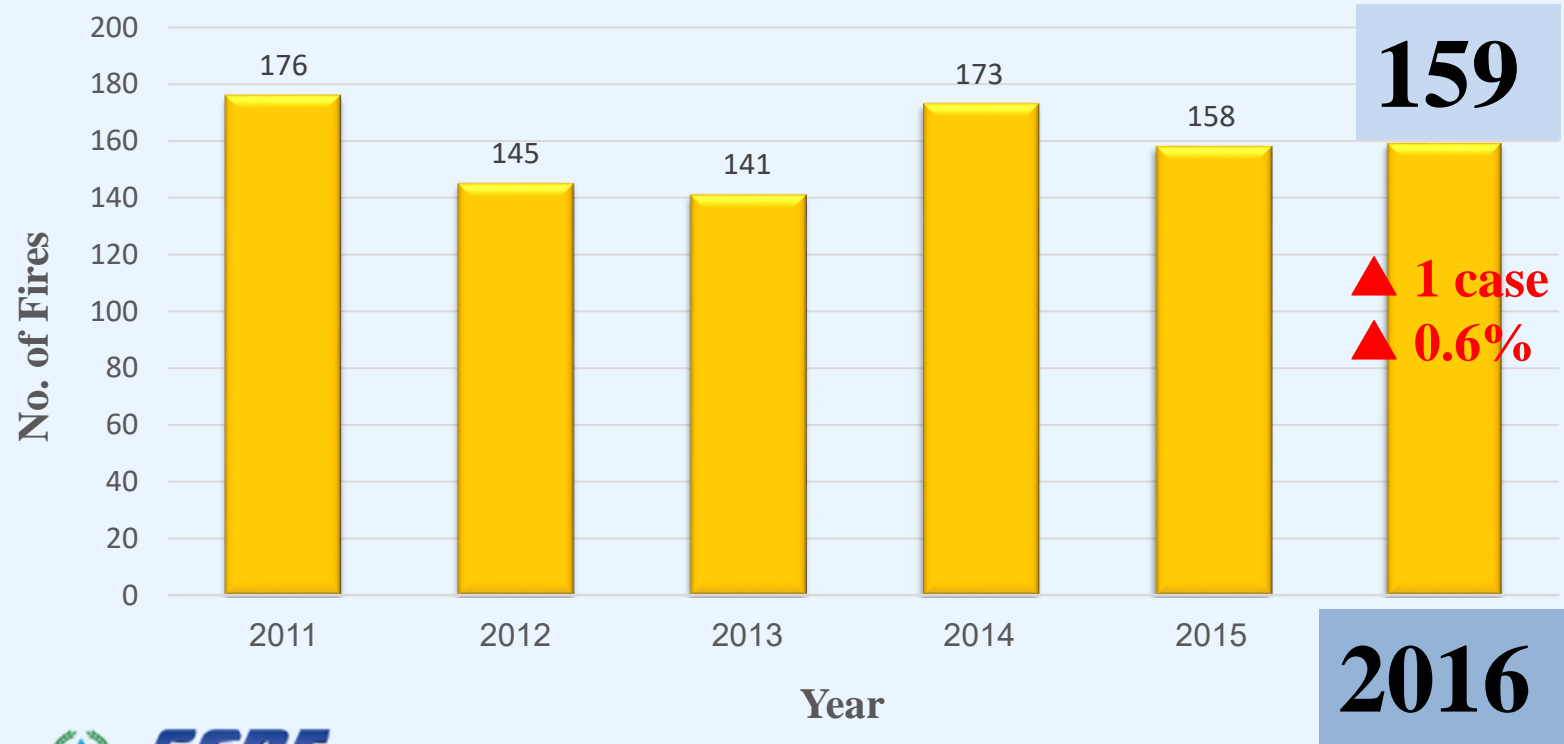


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# FIRE STATISTICS

## Fires in Industrial Premises



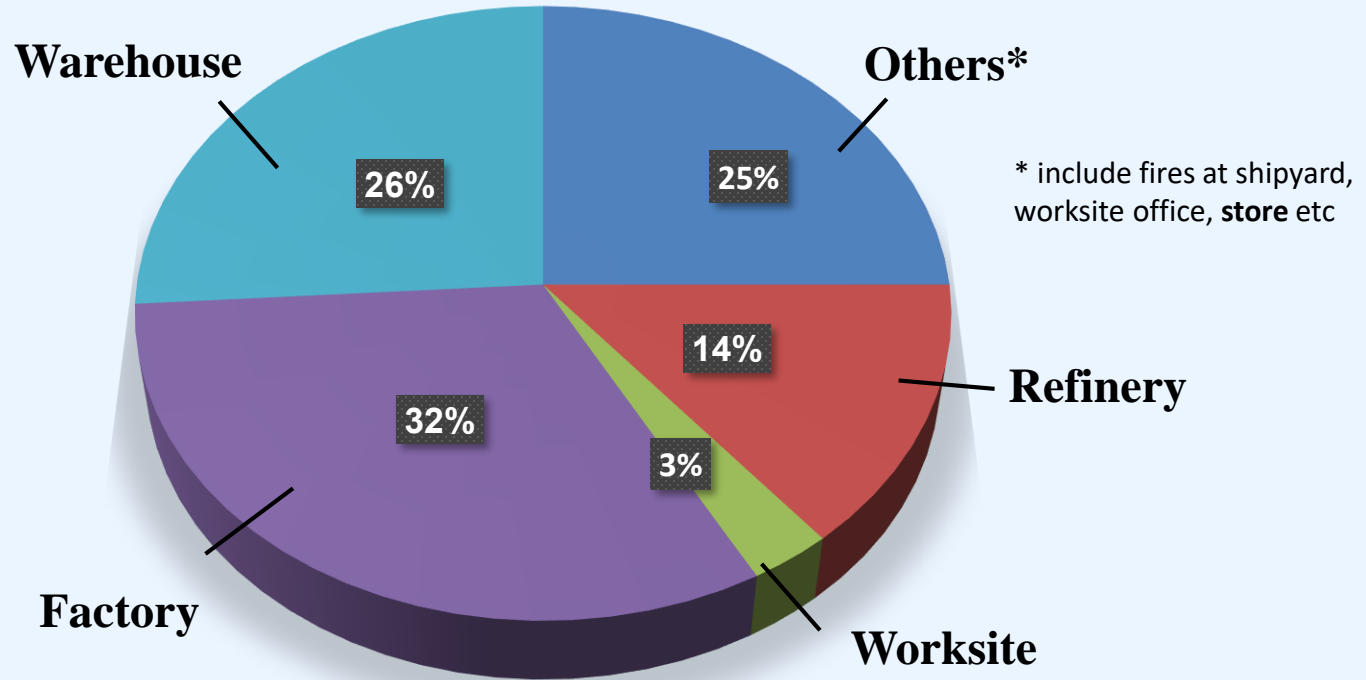
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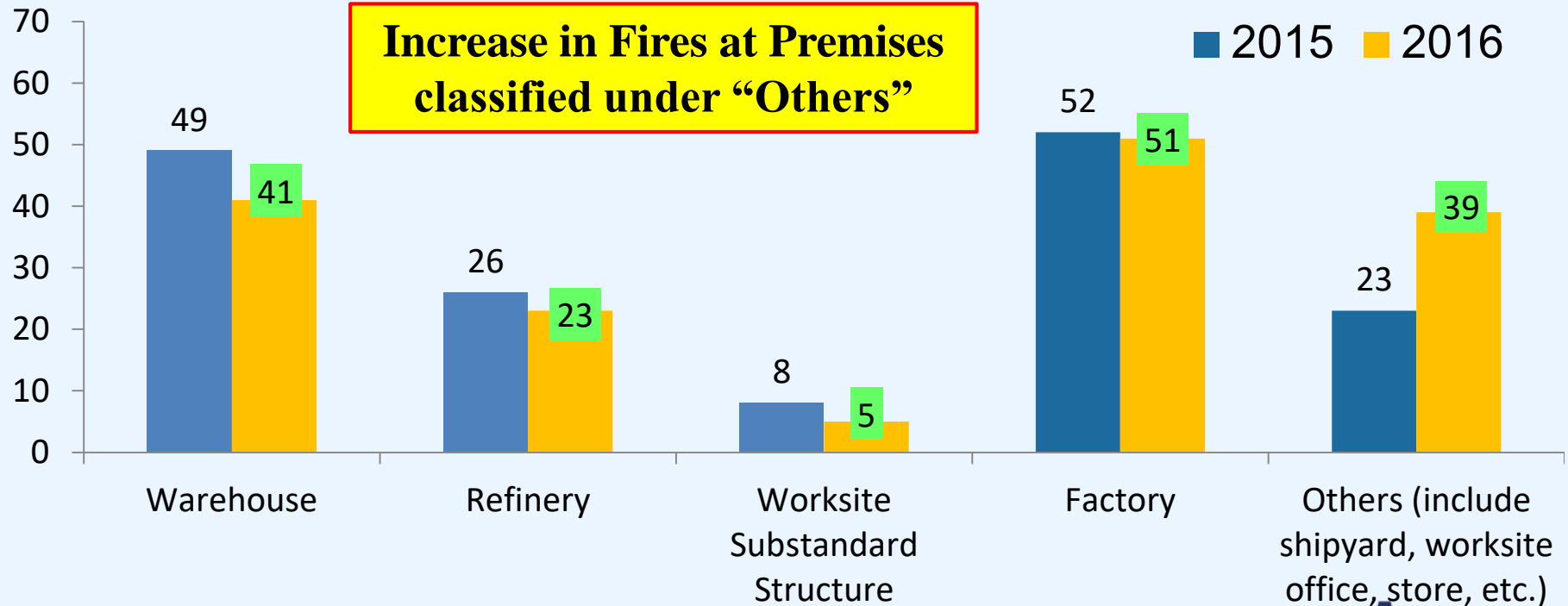
# FIRE STATISTICS

## Breakdown of Fires in Industrial Premises



# FIRE STATISTICS

## Breakdown of typ of Fires in Industrial Premises



# Fires in Waste Management Facilities

## (Industrial Premises)

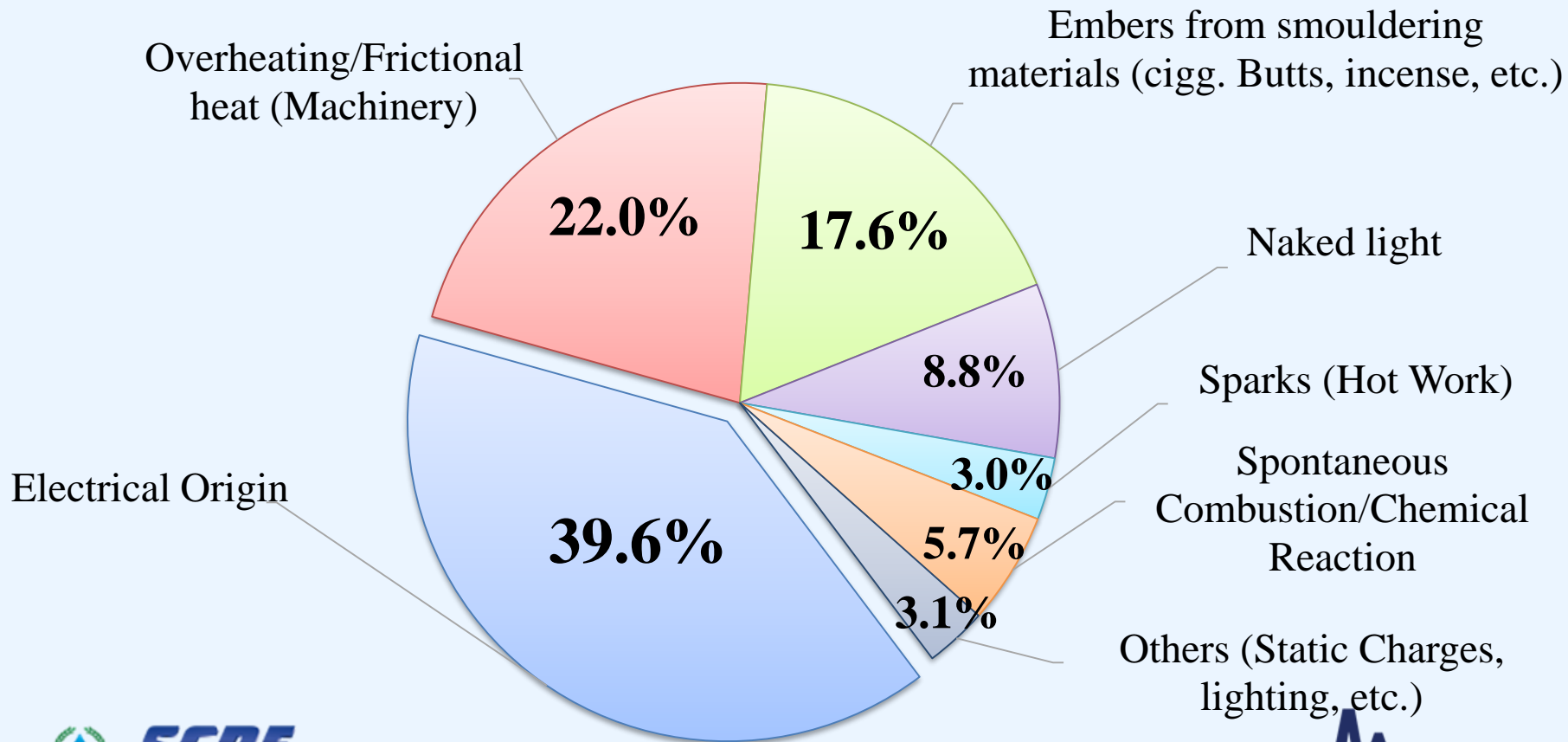
Year	No. of Fires
2013	1
2014	2
2015	2
2016	1
2017	4



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# Breakdown of Fire Causes in Industrial Premises (2016)



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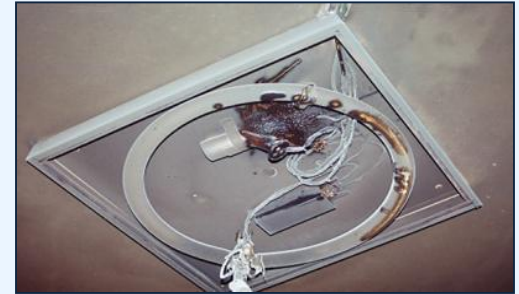


# FIRE STATISTICS

## Breakdown of Fires in Industrial Premises

**Top Cause:  
Electrical Origin**

- 63 cases (39.6%)



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# FIRE SAFETY TIPS

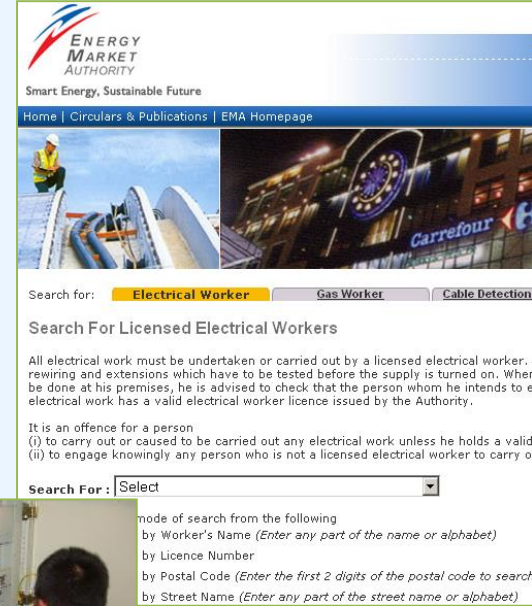
**Check:**

**Condition of wirings & electrical products**

**Overloading is not present**

**Off the main switch when not in use**

**Licensed Electrical Worker are used**



# FIRE SAFETY TIPS

Most fires in Industrial Premises are **Accidental**.

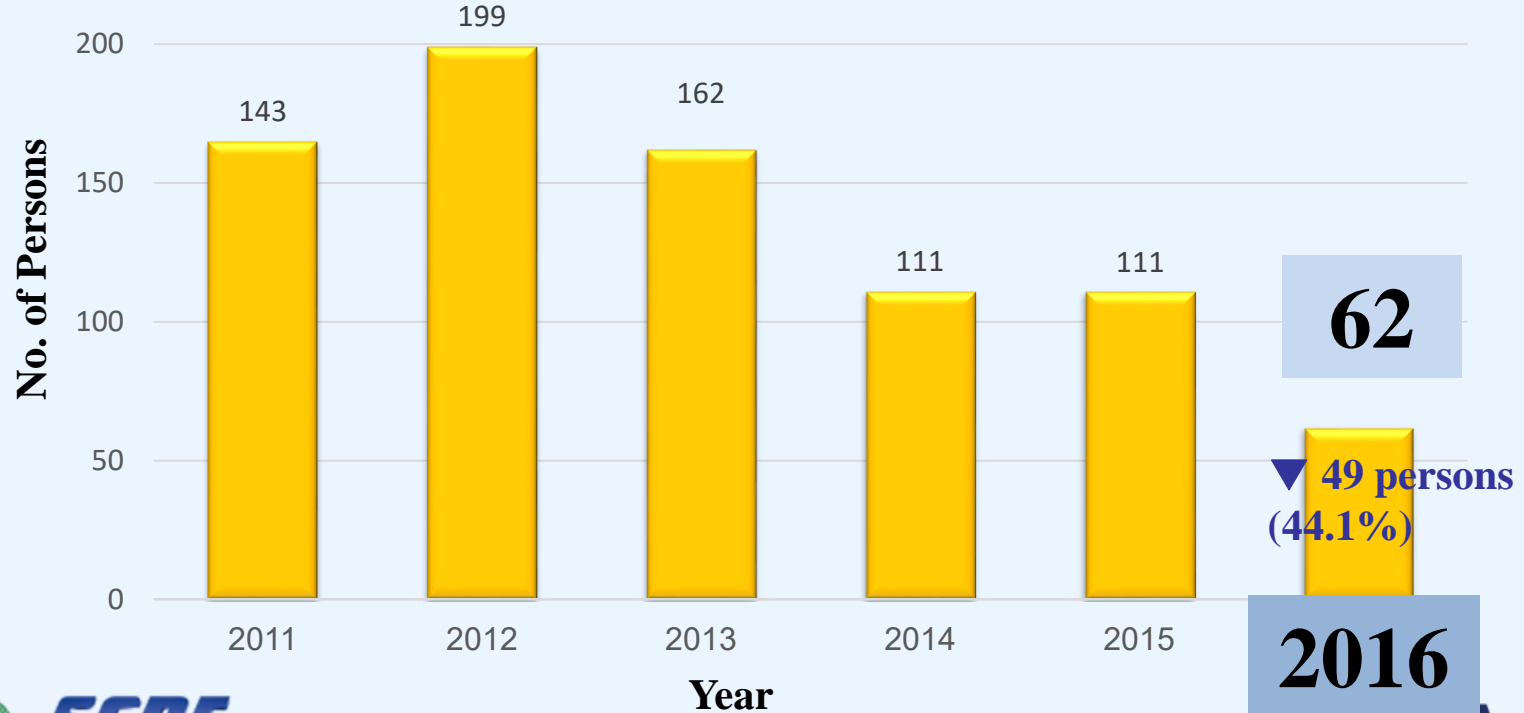
Some fires in industrial premises can be attributed to **work processes** such as Hot Work, handling of chemicals, etc.

Know the **risks involved** and adopt safe work practices!



# FIRE STATISTICS

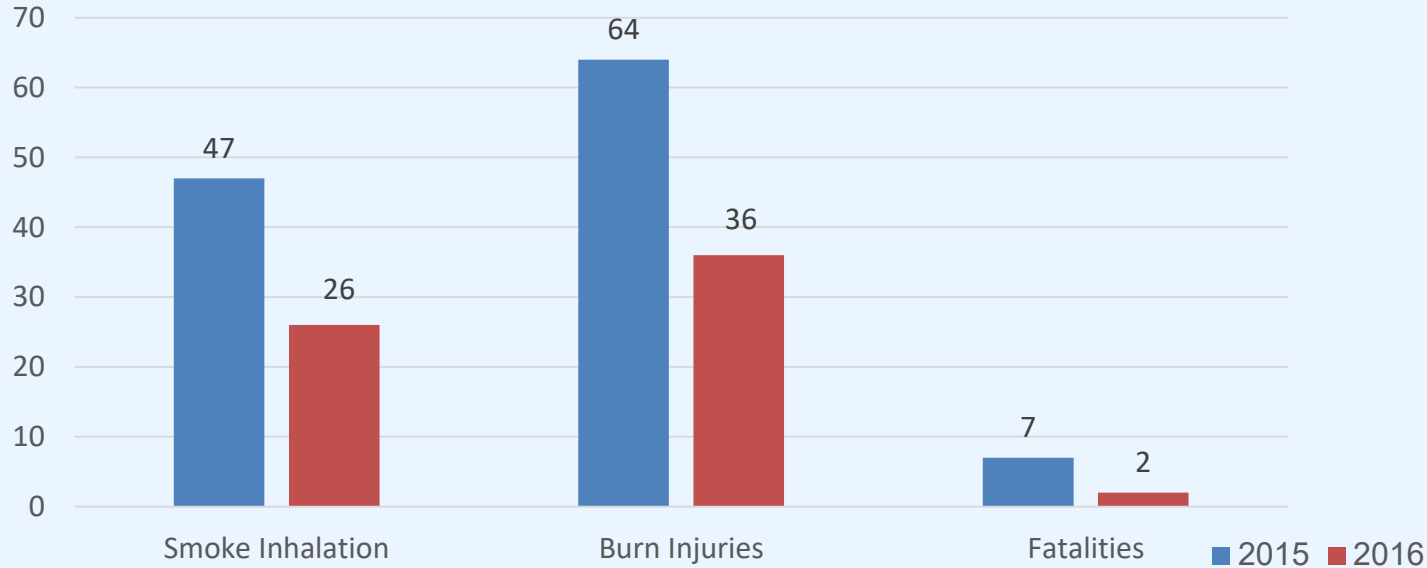
## Fire Injuries in Singapore





# FIRE STATISTICS

## Fire Injuries in Singapore



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# Fire Fatalities in 2016

- Residential Fire at Hume Avenue on 30 April (1 fatality)
- Residential Fire at Rowell Road on 31 October (1 fatality)



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# Fire Safety Advisory

- **Identify and evaluate the risks involved associated to the industry and implement fire safety measures to minimise them.**
- **Conduct daily routine checks to remove potential fire hazards.**
- **Ensure that all fire-fighting installations are kept well maintained.**



# Fire Safety Advisory

- **Good design, sound operation and diligent maintenance of the plant.**
- **Control of ignition source in flammable atmosphere.**
- **Need for rigorous process hazard analyses.**



# Conclusion

**ALL OF US CAN PLAY A  
CRITICAL ROLE IN  
PREVENTING FIRES**



Prepare

Prevent

Respond



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# Thank you for your attention



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