



SCDF

The Life Saving Force

FSM Briefing 2016



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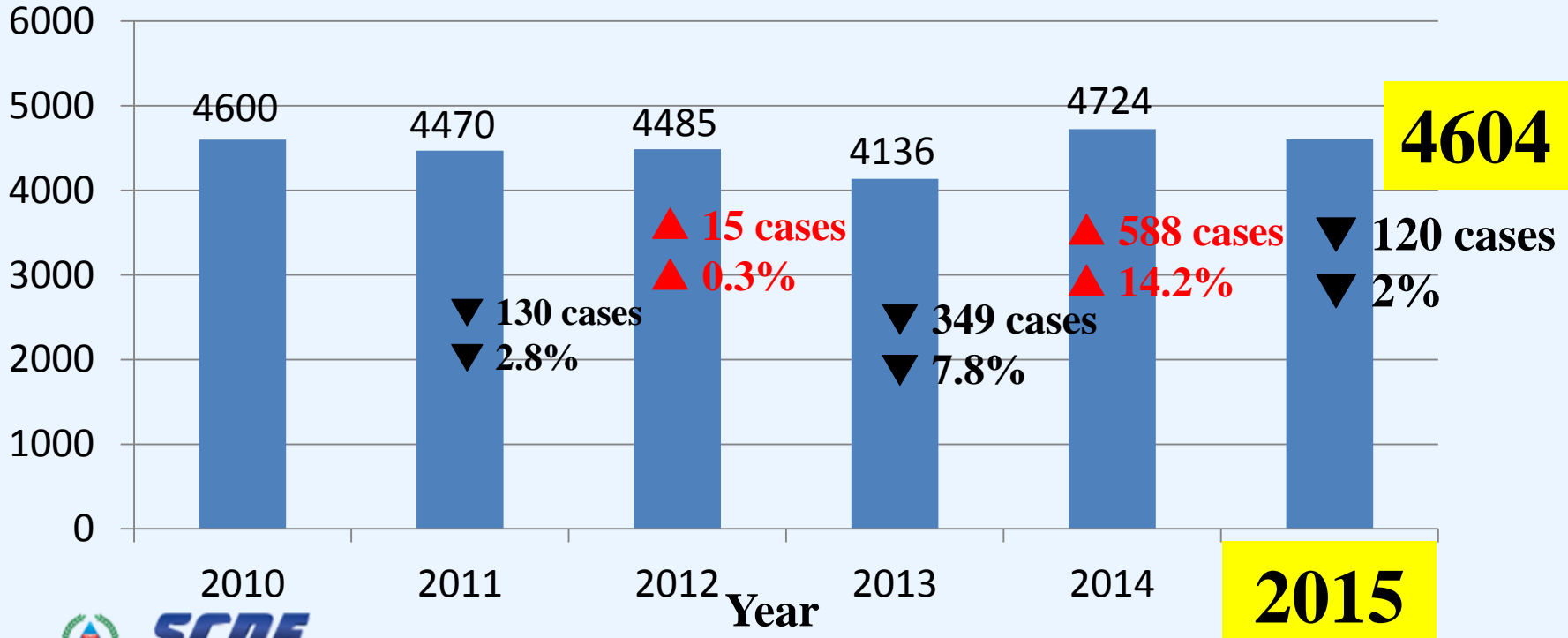
SCOPE

- **Singapore Fire Statistics (2015)**
- **Case Study**
- **Conclusion**



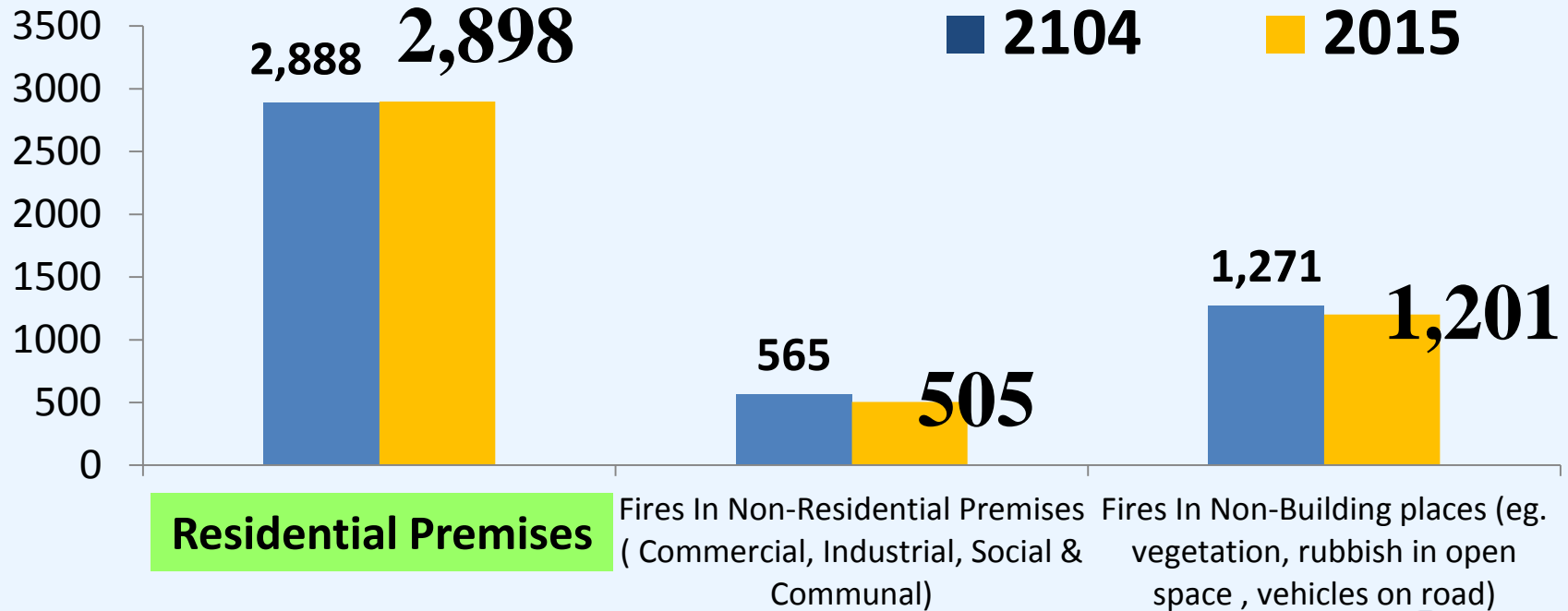
FIRE STATISTICS

Total no. of Fires Responded to by SCDF



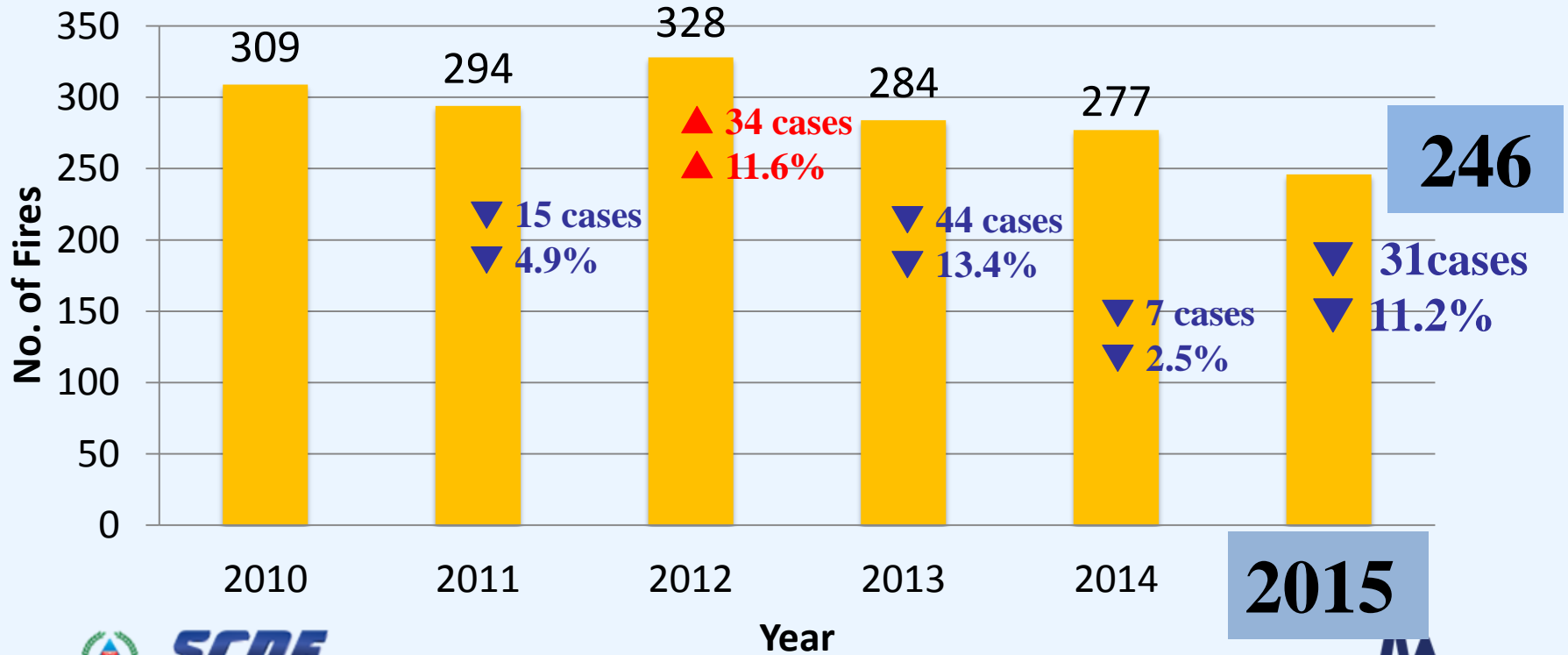
FIRE STATISTICS

Breakdown of Fires by Type of Premises



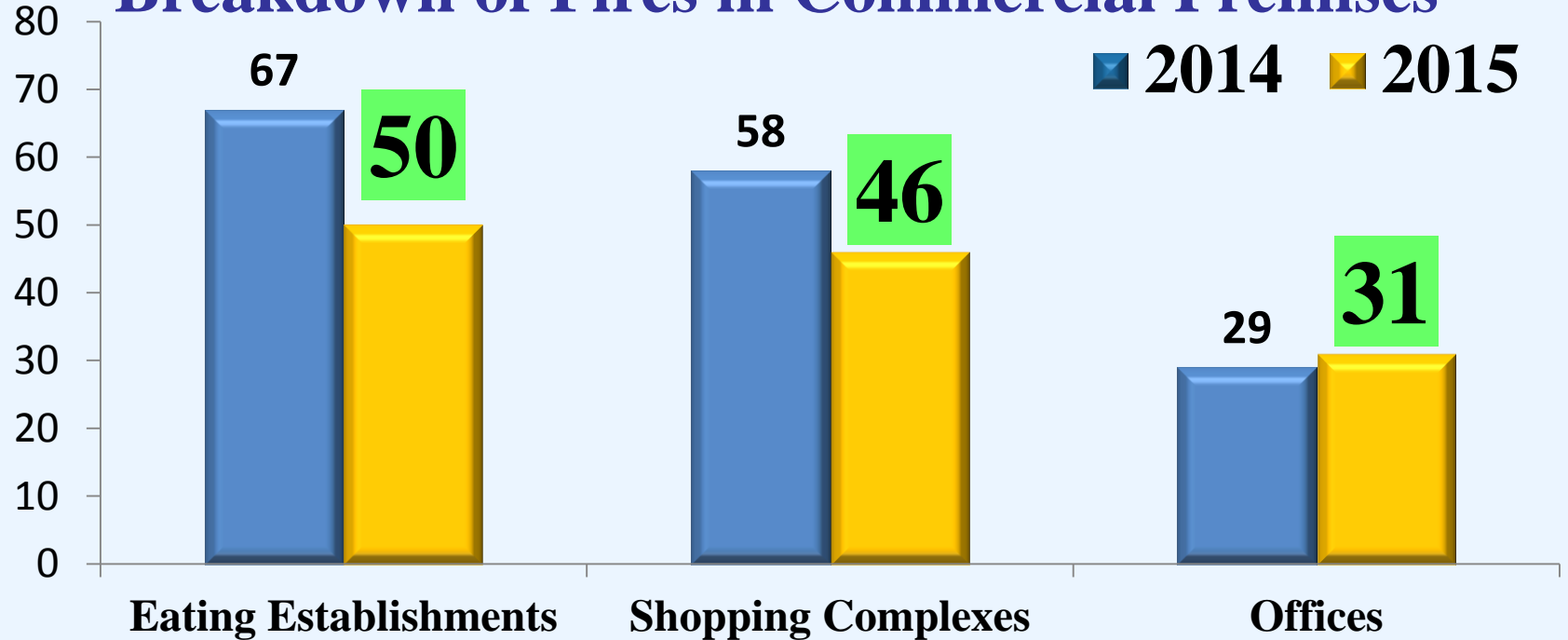
FIRE STATISTICS

Fires in Commercial Premises

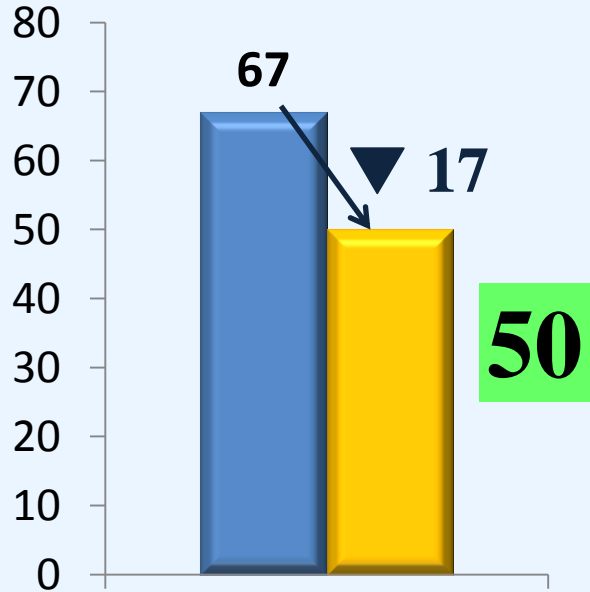


FIRE STATISTICS

Breakdown of Fires in Commercial Premises



Fires in Eating Establishments



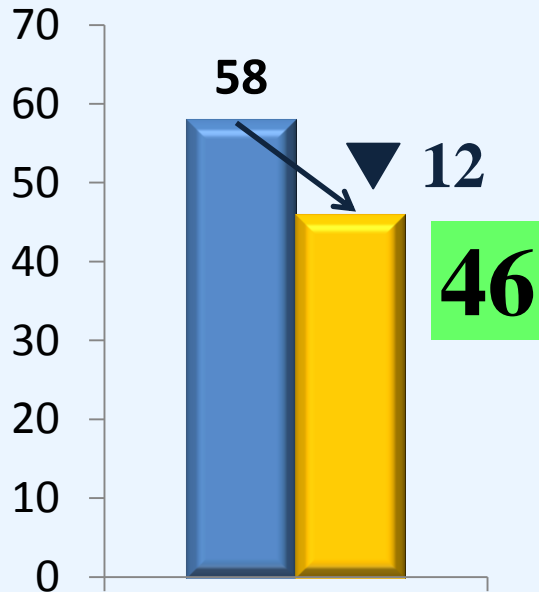
Eating Establishments



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Fires in Shopping Complexes



Shopping
Complexes

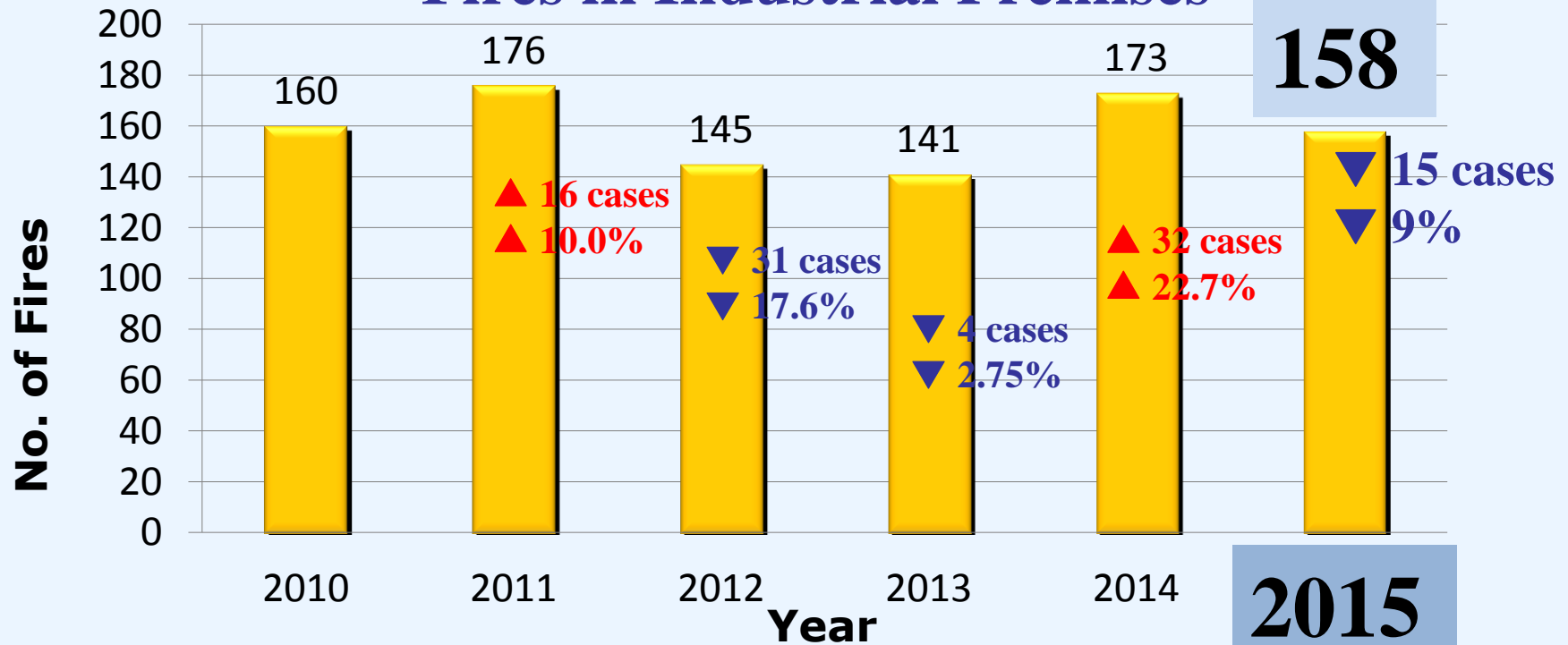


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FIRE STATISTICS

Fires in Industrial Premises



FIRE STATISTICS

Top 2 Causes of Fires In Singapore

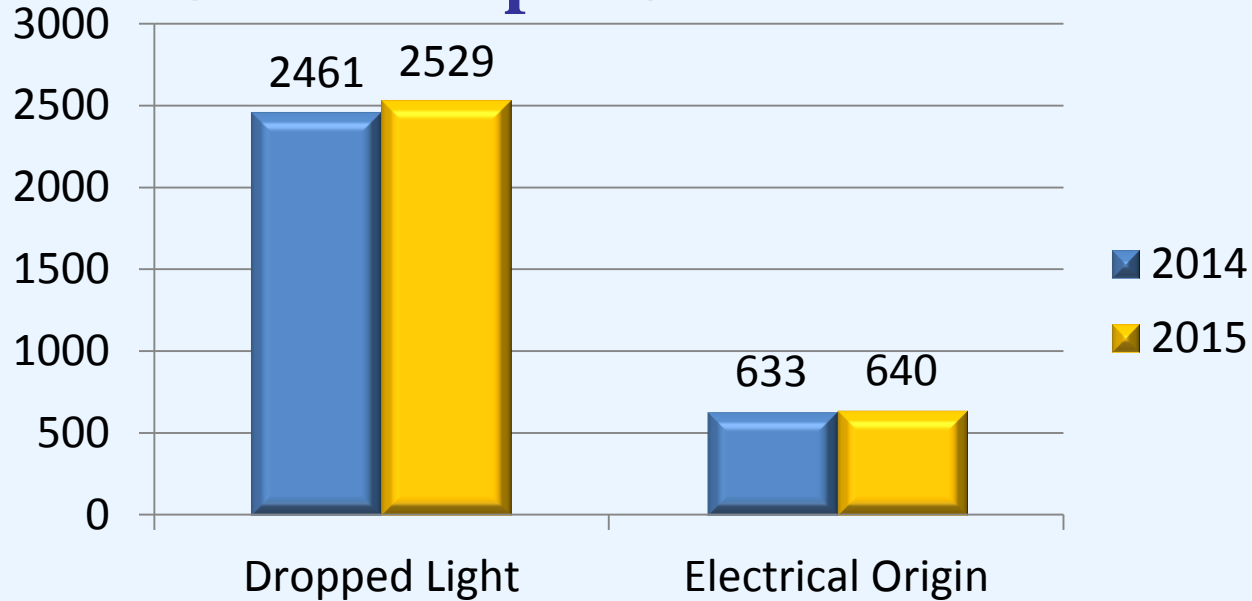


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FIRE STATISTICS

Overall Top 2 Causes of Fires



* 'Dropped light' refers to lighted cigarette butts that were not completely extinguished, embers from charcoal and lighted incense sticks



FIRE STATISTICS

Top 2 Causes of Fires In Industrial & Commercial Premises



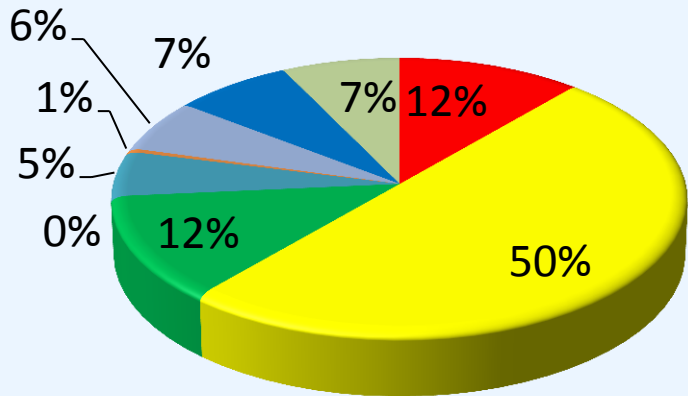
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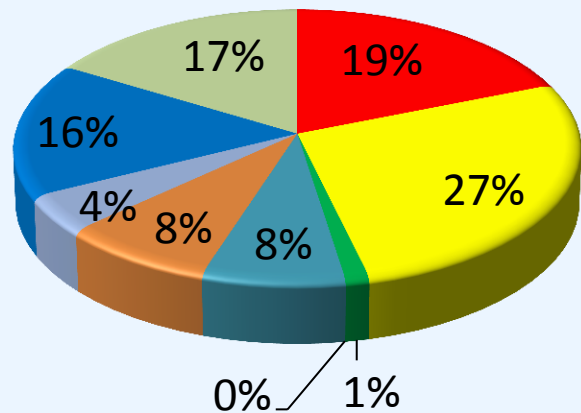
FIRE STATISTICS

Breakdown of Fires in Industrial and Commercial Premises

2015 Commercial



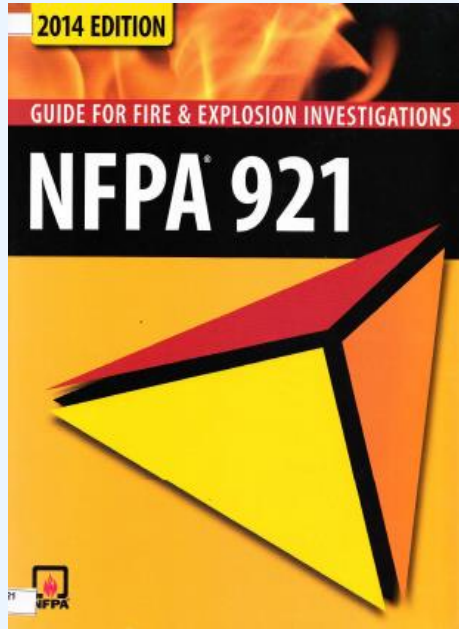
2015 Industrial



- Dropped Light
- Electrical Origin
- Overheating of Food
- Sun's ray
- Naked Light
- Sparks
- Incendiary
- Overheating of Machinery
- Others



Prevention of Electrical Fires



9.9 Ignition by Electrical Energy.

9.9.1 General. For ignition to be from an electrical source, the following must occur:

- (1) The electrical wiring, equipment, or component must have been energized from a building's wiring, an emergency system, a battery, or some other source.

**Switch 'OFF'
at the wall
sockets!**



Prevention of Fires due to Dropped Light



Remember:



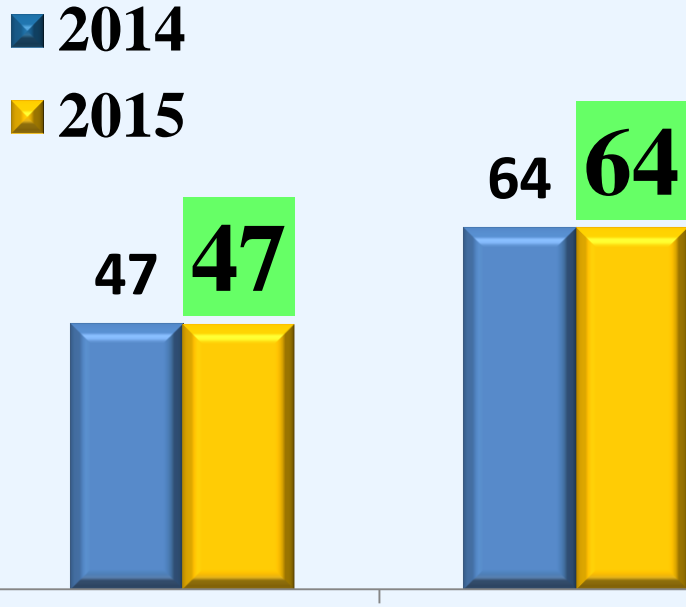
Extinguish Completely,



Dispose Properly.



Fire Injuries in Singapore



Smoke Inhalation

Fire Injuries

Fatalities



Two foreign workers die in pre-dawn Geylang fire

Walk-up apartment where they lived was inspected by SCDF last week

By TON YONG CHUAN

A GEYLANG apartment that had been inspected by the Singapore Civil Defence Force (SCDF) last last week caught fire yesterday, killing two men and injuring three others.

One of the dead men, 36-year-old Abdulaziz, 37, from Bangi, Kedah, had recently married and started celebrating his wedding in the apartment in the early hours of the morning. The four-storey building caught fire in the second-floor and had played a cat-and-mouse game with SCDF last week, by smearing oil just before the inspection and returning the same evening.

The SCDF found the apartment locked during a surprise check in February. It then issued a notice to its owners, asking them to open up on March 2. When the SCDF visited the apartment last week, it was empty.

Raffia contractor T.K. Isaac, who lives opposite the unit that caught fire, said he has seen "many workers living there" for many years. "But they keep to themselves and do not bother us."

The SCDF said it received an alert about the fire at about five minutes and saw black smoke rising from the unit.

They got out the fire within 10 minutes and found two missing Indonesians, 32 & 36-year, both were



36-year-old Mr. Rama Adhith, who died in the fire, started working here only a few months ago and was newly married.

10, said Mr. Isaac. "We seldom come. They don't trouble us, we don't trouble them."

Yesterday's fire occurred barely four months after a similar fire in December gutted the ground-floor unit of a three-storey shop-house in Geylang East. A killing of four foreign workers

after the fire, Manpower Minister Chan Chun Sing said that the US-born firm was working with the US Bureau of Investigation and private building partners, including the USA, to improve residential practices and make the fire-safety of eight people, specialists of the SCDF is investigating the cause of yesterday's fire and the police are probing the criminal charges.



Source: The Straits Times

6 INJURED, INCLUDING A FIREFIGHTER WHO SUFFERED HEAT EXHAUSTION

Fire at Parry Ave house leaves 2 dead

By HOLLY MATTHEWS
hollymatthews@sg.com.sg



Singapore Civil Defence Force (SCDF) arrived, and had to be helped out by the SCDF. Neighbours said the gates, which are electronically controlled, appeared to be malfunctioning and could not open, so occupants had to climb out.

Five of them, including one of the children, suffered smoke inhalation and were taken to Singapore General Hospital for treatment. A firefighter also suffered heat exhaustion while trying to get out the flames, said the

SCDF, which responded to the call at about 1am. The fire was brought under control after half an hour, but it was fully extinguished until about 4:30am, said the SCDF. The police are still investigating the cause of the fire.

had smelt burning rubber and saw an orange light outside his window.

Aljunied GRC Member of Parliament Shivalin Lim visited some of the residents at around 2:45pm. "I have already spoken to the family and contacted my witness," said Ms Lim.

Grassroots leaders from Serangoon Citizens' Consultative Committee (SCCC) also came by to offer help. "We have an friends to help them in whatever way we can, especially emotionally," said branch chair Chai Hul Yuh, who has organised the buying of new school books and uniforms to replace those lost in the blaze for the two children in Primary 4 and 6.

Source: TODAY

Fire Fatalities in 2015

- Residential Fire at Lorong 6, Geylang
on 3 April **(2 fatalities)**
- Residential Fire at Parry Avenue
on 9 June **(2 fatalities)**



Conclusion

- **Fire Statistics of 2015** (Fire Safety Tips on Electrical Fire and Dropped Light – Smouldering fire: 1hr before flameup)
- **Case Study about fire due to spontaneous combustion** (Smouldering fire: 4 hrs before flameup)
- **Recap that the TOP Cause of Fires in Commercial & Industrial Premises– Electrical Origin** (Turn them OFF at the MAIN switch socket outlet)



Thank you for your attention



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