



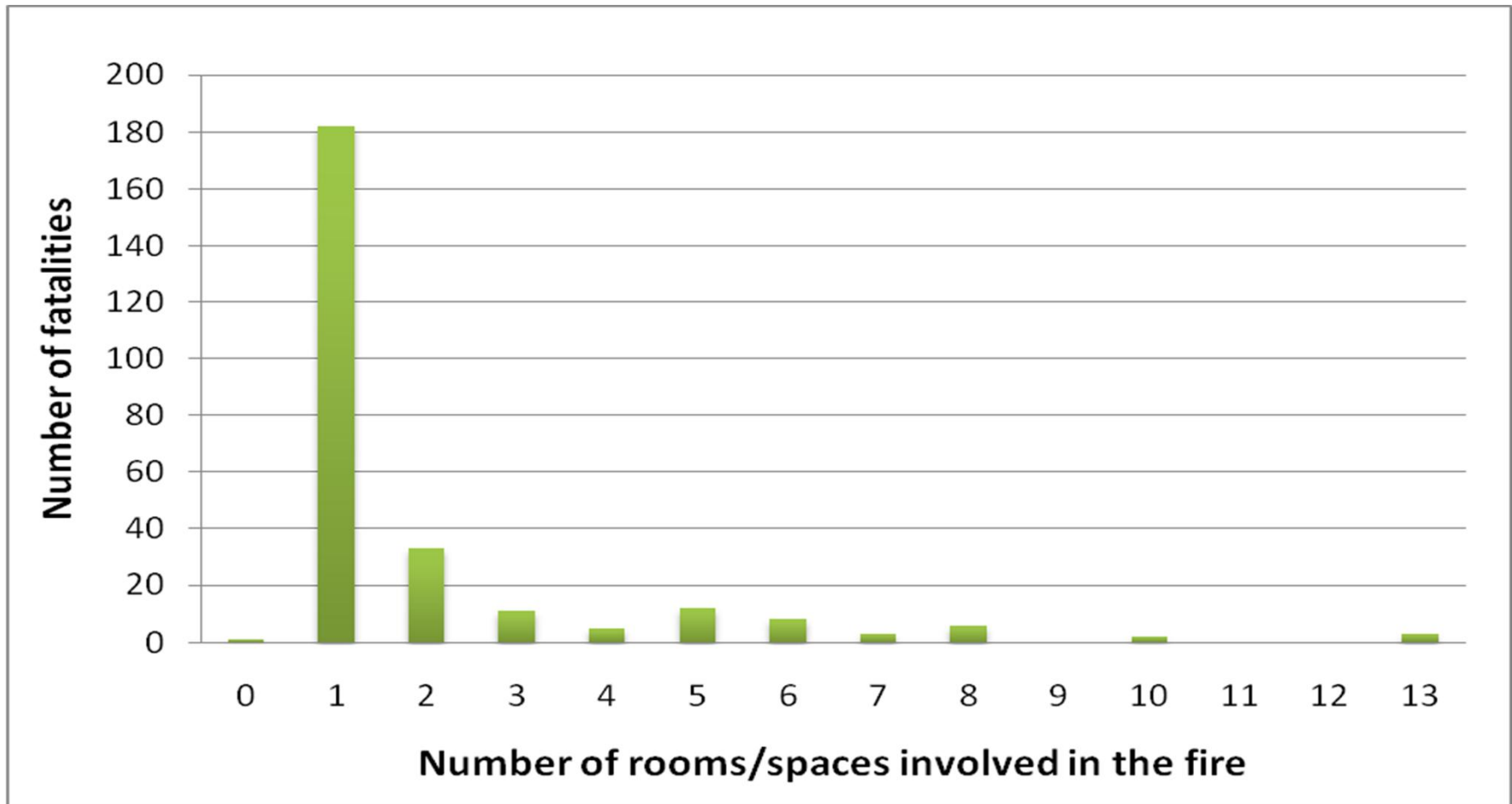
Central London Fire Scrutiny Tall buildings/high-rise and high density units

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BRE Global
22nd April 2013

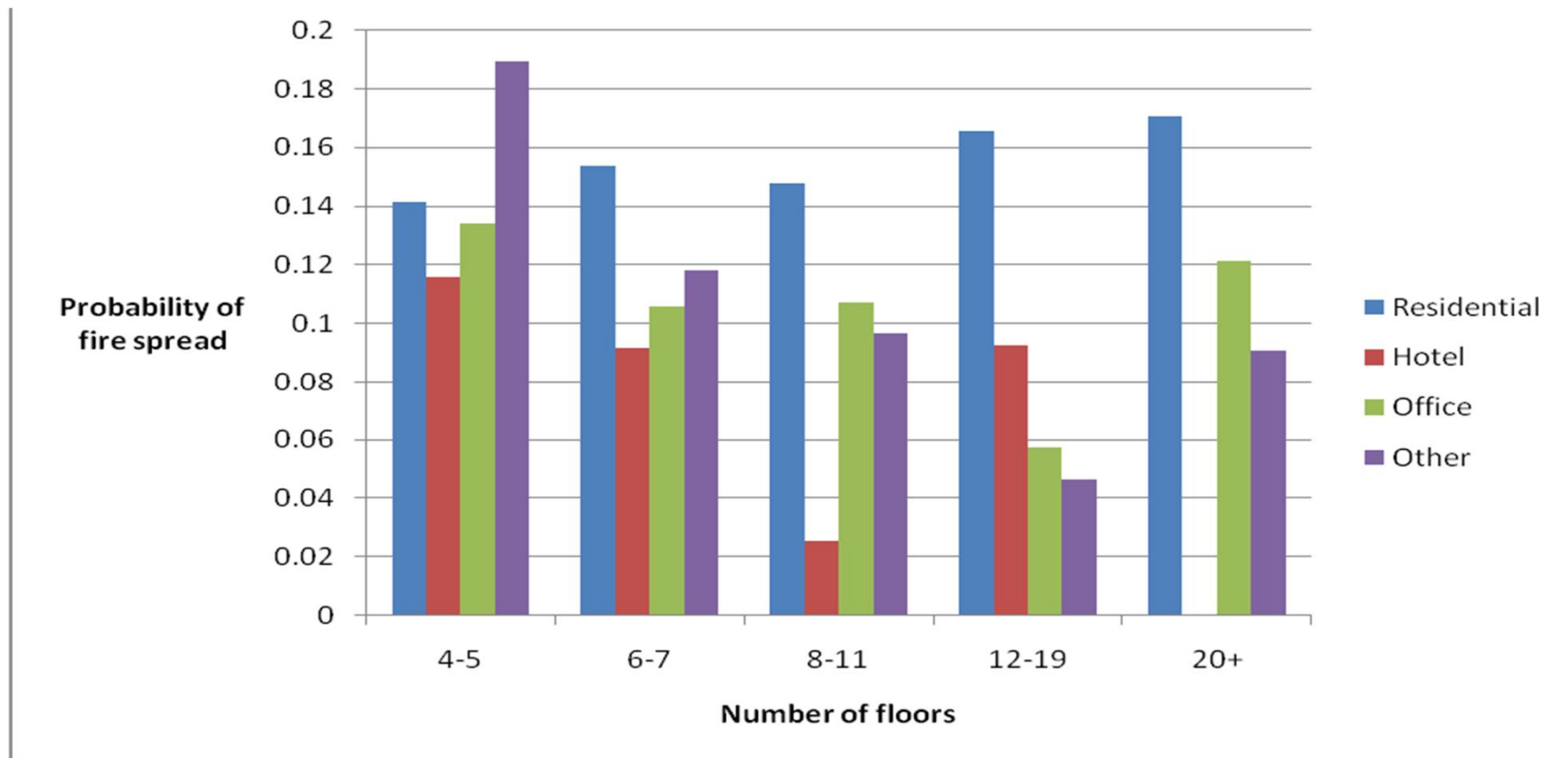
Part of the BRE Trust



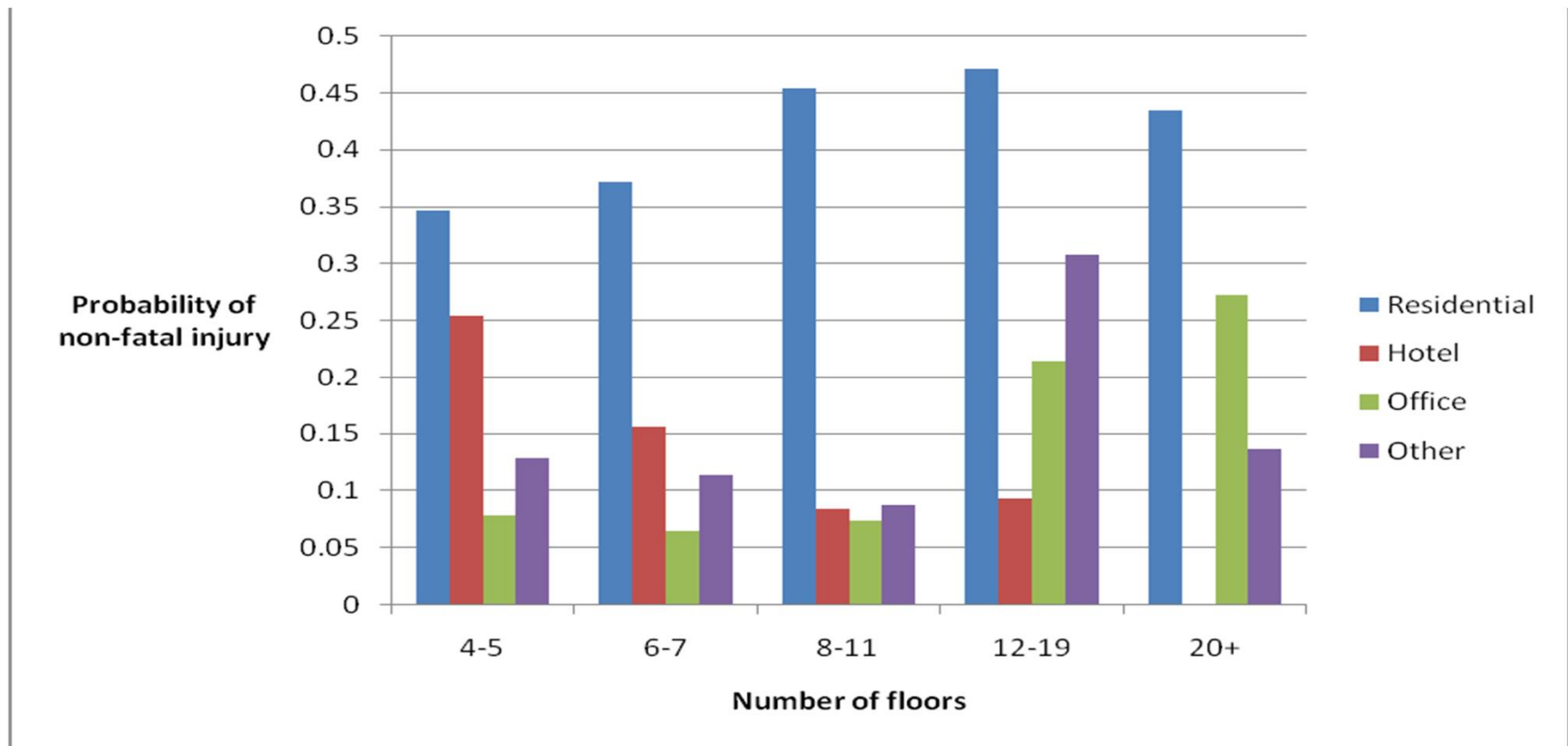
Number of fatalities against the number of rooms/spaces involved in the fire



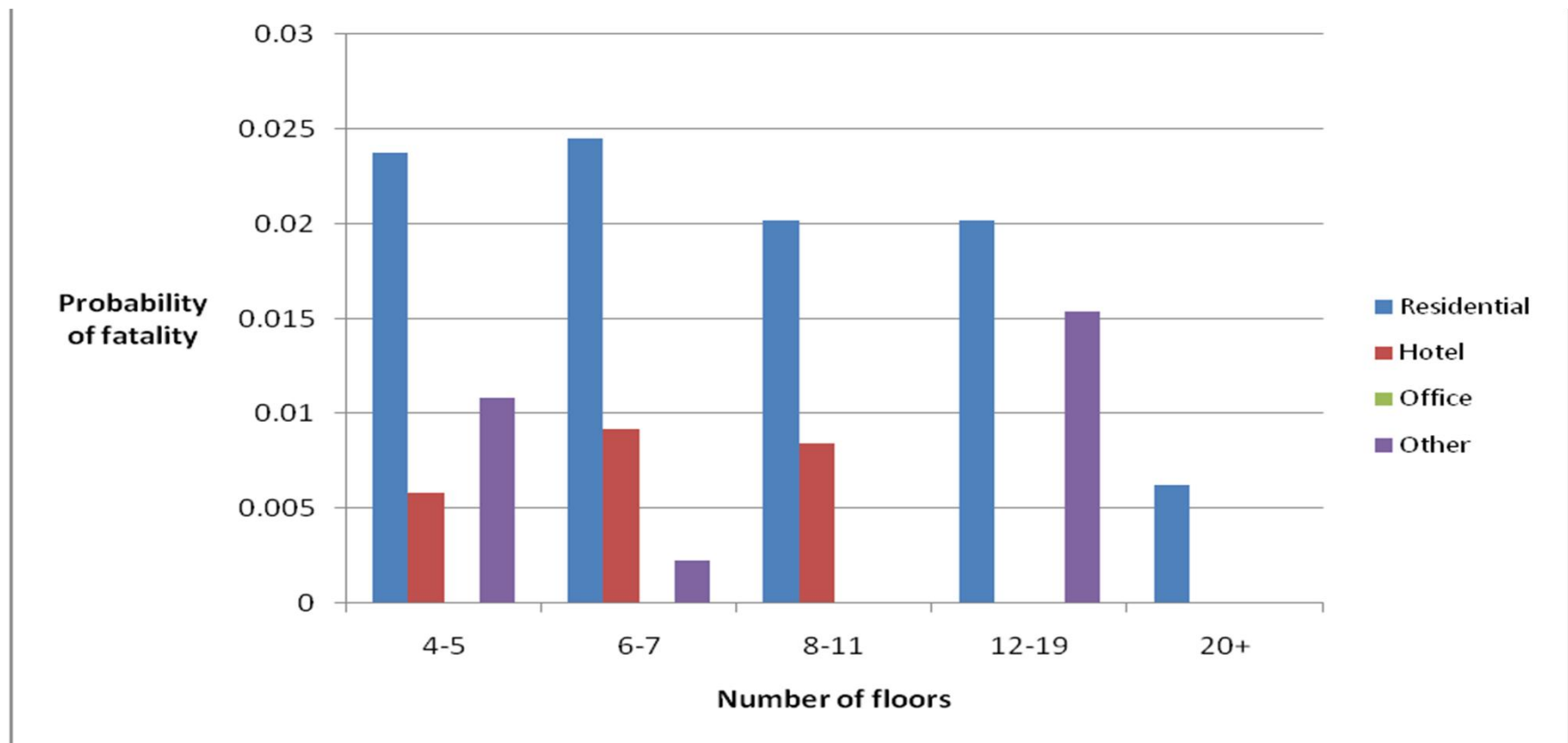
Probability of spread to additional rooms/spaces (per thousand fires) by building height



Probability of injury (per thousand fires) by building height



Probability of fatality (per thousand fires) by building height



1. Fire risks in tall buildings

Understanding complex buildings (p44):

“...how those responsible for complex buildings can make sure that the property is suitably risk assessed.”

London Assembly: Fire risks in London’s tall and timber-framed buildings 2010:

– Recommendation 6:

Recommendation 6

By 2012, LFEPA should review whether more proactive enforcement activity is needed with managers of large scale tall residential buildings who are not able to demonstrate a history of compliance with the Fire Safety Order.

2. Providing the right response (p35)

Targets (p9):

- Fires in the **home**
- **Home** fire safety visits
- Fires in **care homes** and **sheltered** housing
- Fires in non-domestic buildings
- Fire related fire deaths (33 in 2011/12 in the **home**)
- Rubbish fires
- False alarms from automatic systems in non-domestic buildings (- *without potentially compromising emergency response to real fires*)
- Shut in lift releases

Reduction in the number of fire appliances (p38):

- From 169 in 112 locations to 151 in 100 locations

