

2017 HOSPITALITY LAW CONFERENCE

HOTEL FORESIGHT: A HOTEL TERRORIST ATTACK PLAYBOOK

DATA FROM 2010

Jeff M. Moore, PhD CEO, Muir Analytics Purveyor, SecureHotel.US





Threat "math"

Big picture attack data, 2010

Tactical picture attack data, 2010

Main idea: to <u>understand</u> how and why belligerents attack hotels; <u>then take action</u>

Threat: Terrorism* impact "math"

(*political violence & hi-order criminal violence included)

Terrorism X Hotel = <u>reduced ROI</u>

- Casualties
- Physical damages
- Repairs/renovations
- Lawsuits
- Insurance
- Brand/social media damage
- Lost business
- "Care funds"

Threat: Terrorism impact on hotels

Example, November 2008 Mumbai attacks



- \$28.4 million, repairs/etc.
- approx. \$29 million, insurance



- \$35 -\$45 million, repairs/etc.
- > \$40 million lost business
- > \$14 million, insurance



aprox.\$80,000,repairs/etc.

Threat: Terrorism* protection "math"

(*political violence & hi-order criminal violence included)

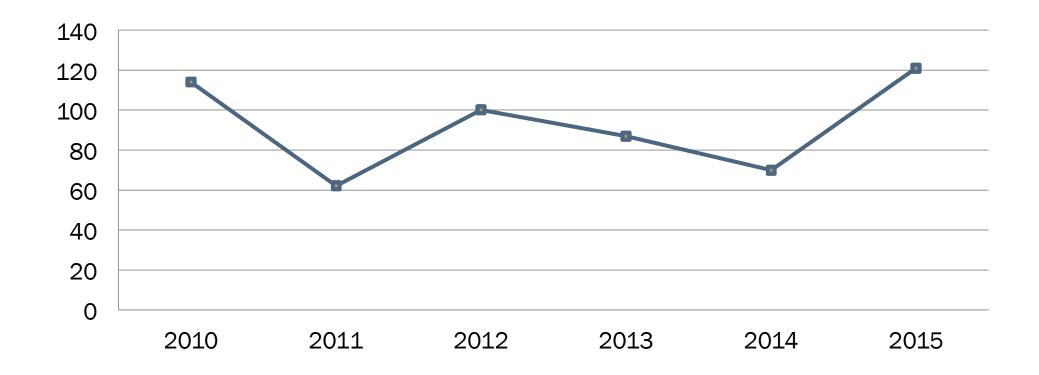
Protective intelligence X Hotel = <u>better protected ROI</u>*

New and superior standard of compliance

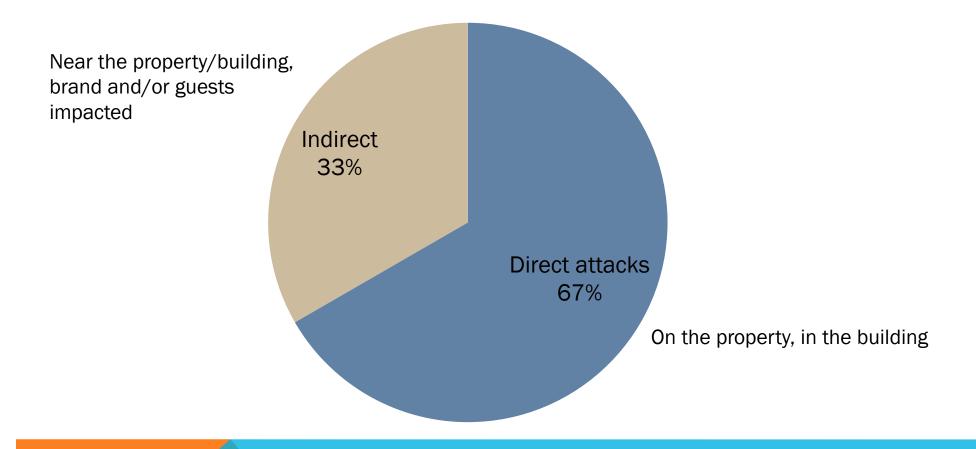
*Better protected ROI ACTIONS

- Improve security across an entire hotel chain
- Upgrade liabilities policies
- Calculate underwriting risks
- Write precise insurance policies
- Hone hotel development strategies/projections
- PR and crisis mgmt plans
- Justify security cost increases

6-Year hotel attack timeline

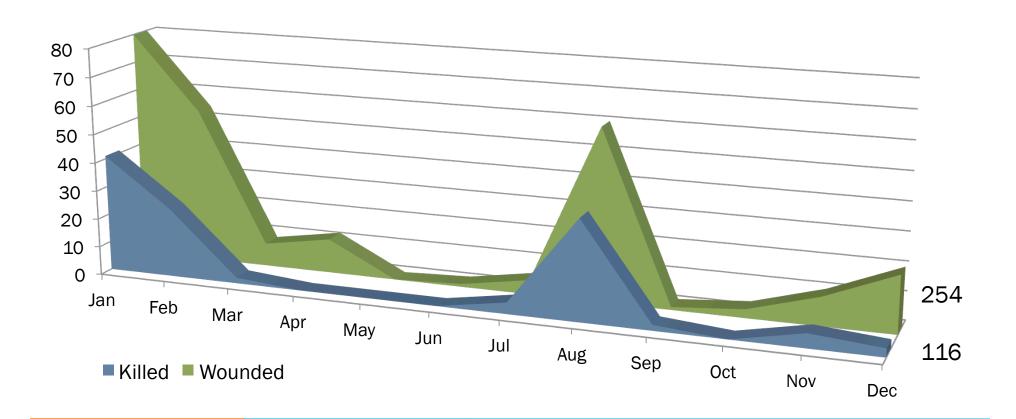


2010, Direct vs. indirect hotel attacks

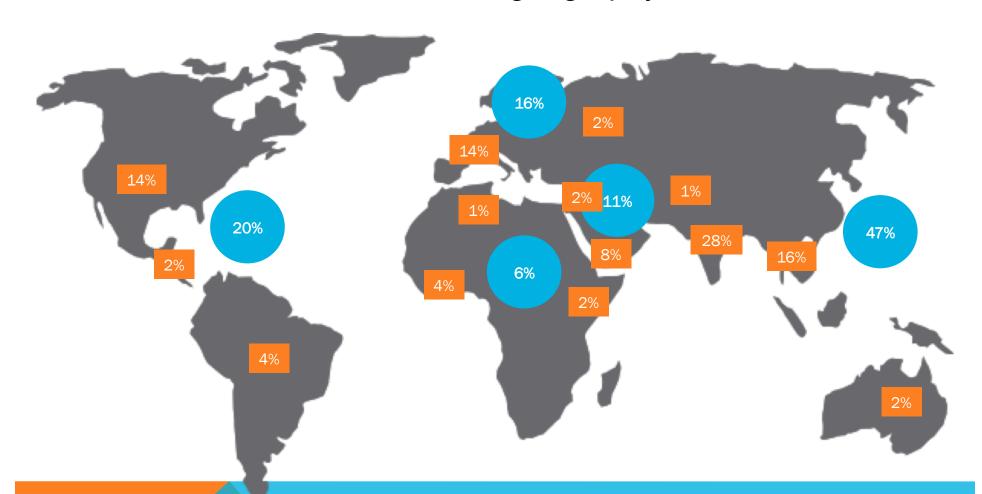


2010 Hotel attack casualty rates

(direct attacks)

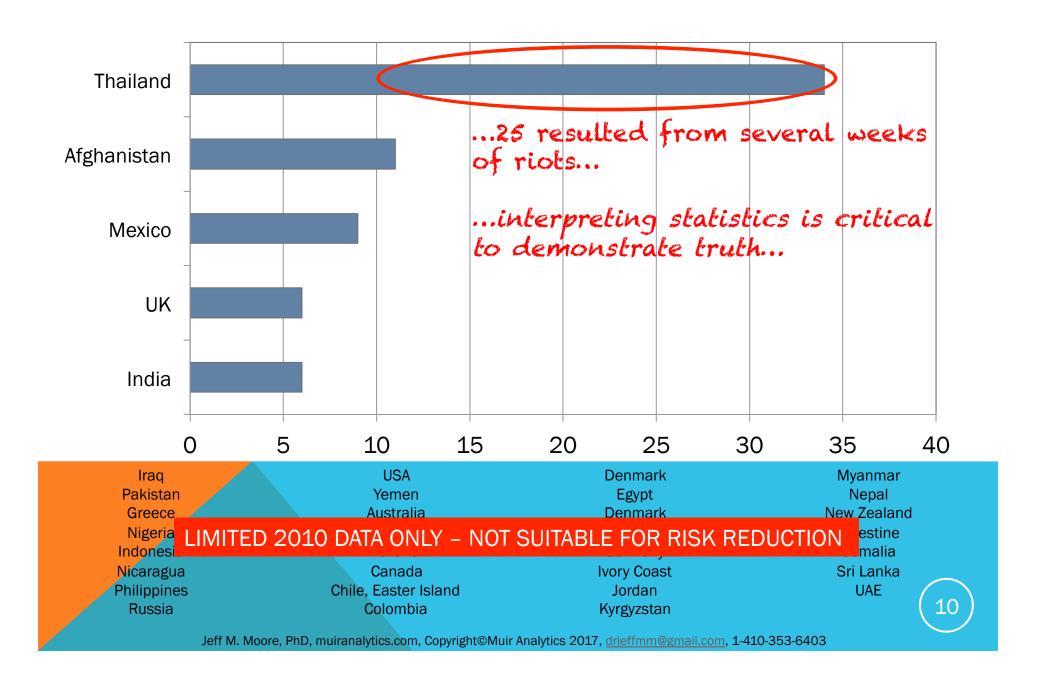


2010, Attack geography

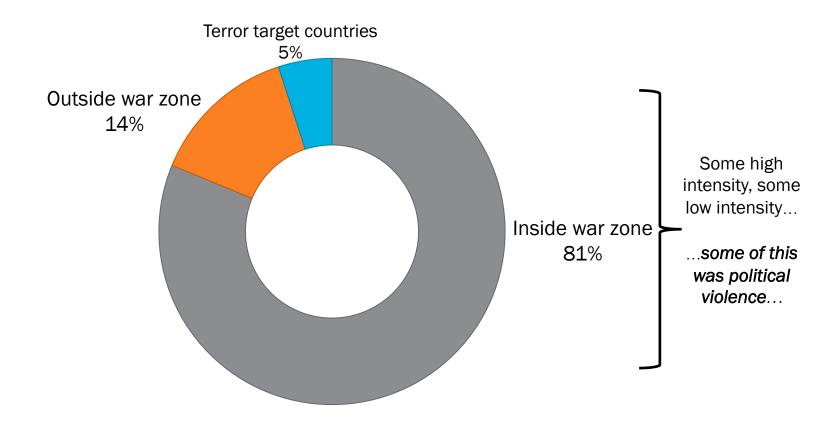




2010, Top 5 hotel attack countries



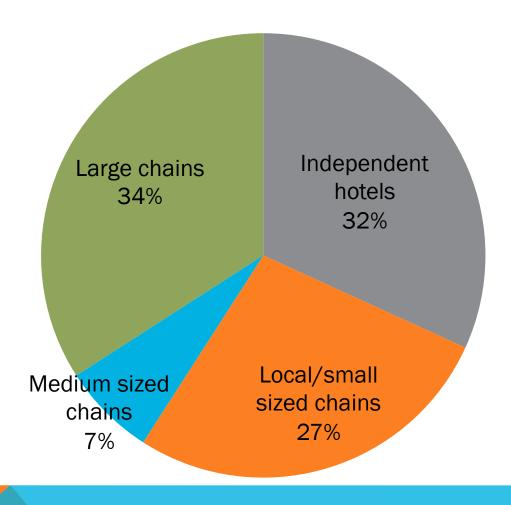
2010 Hotel attacks: in war zones or not?



2010, Hotels attacks by star rating



2010, Hotels attacked by size of enterprise



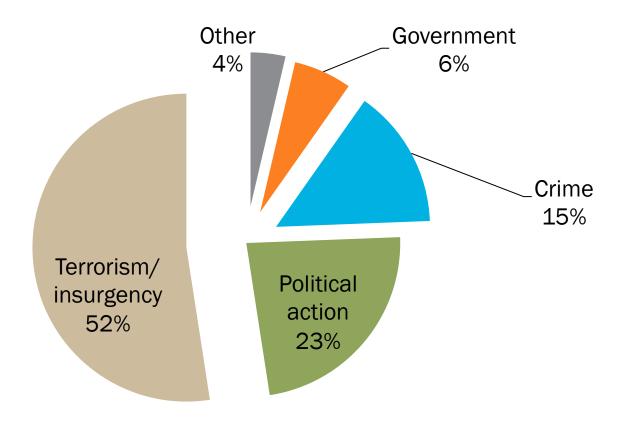
2010, Major chains attacked





2010, Types of attack groups

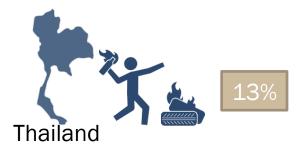
(what kinds of organizations are attacking hotels?)



2010, Top 5 ideologies of terror/political groups involved in hotel attacks















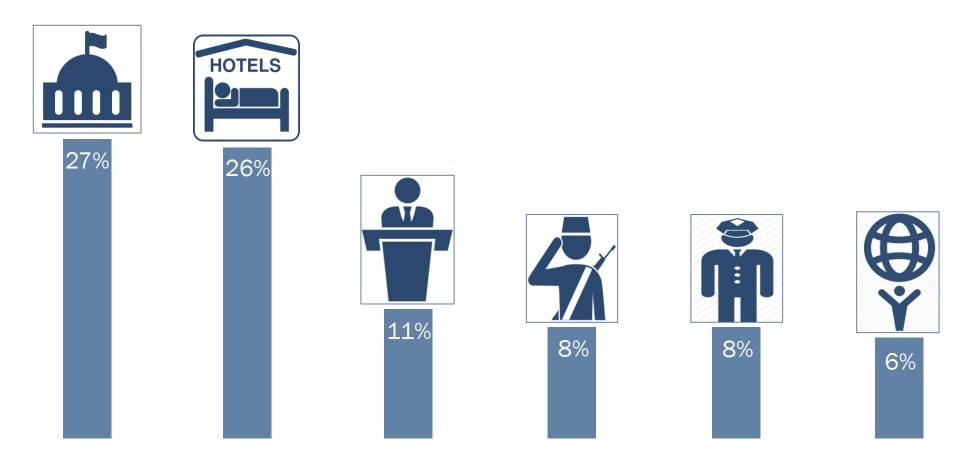
or REAL



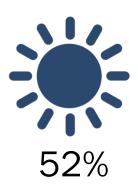
4%

2010, Top 6 hotel attack targets

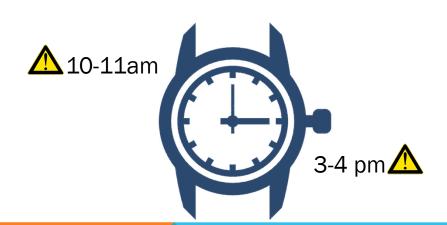
(who or what were the attackers going after?)

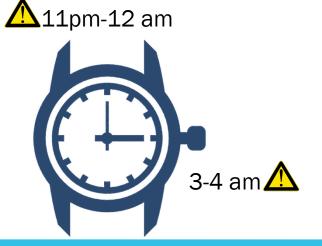


2010, Attack timing trends









2010, 2 "popular" hotel attack tactics

(21 different types of tactics were identified over a 6-year period)





25 Jan, Cristal Grand Ishtar & Babel (Babylon Warwick Hotel,) Baghdad, Iraq

21 Feb, Hotel Panorama (or Panorama Balas,) Cairo, Egypt

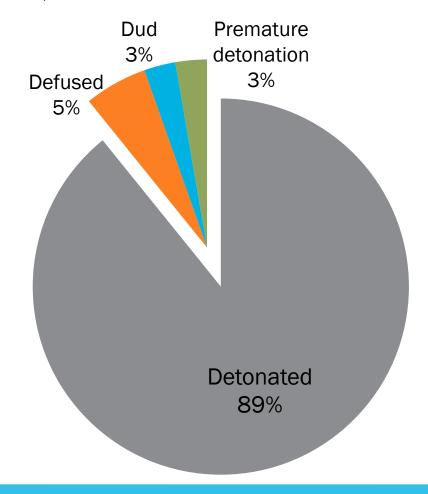
5 Oct, Bank and the Ramada Da Vincis Hotel (name since changed,) Londonderry, NI, UK

26 Mar, Oval Hotel, Surabaya, Indonesia

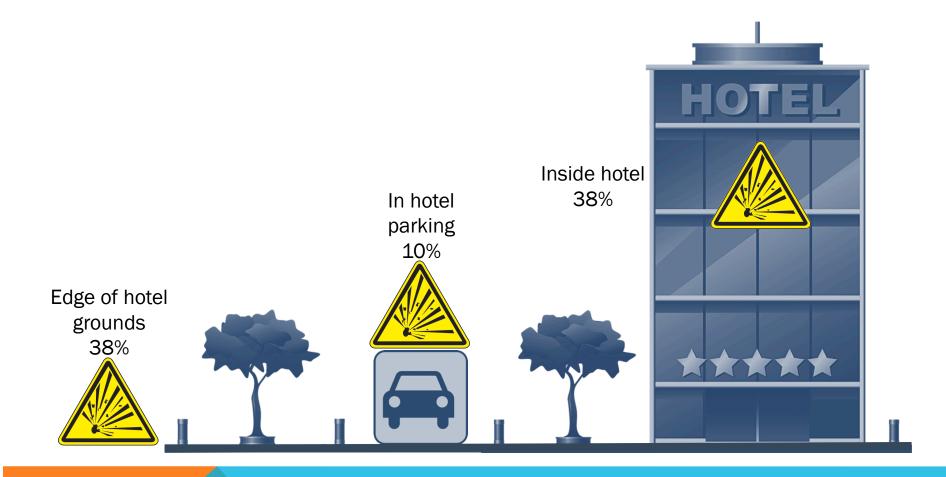
22 Apr, Holiday Inn, Monterrey, Mexico

24 Aug, Hotel Muna, Mogadishu, Somalia

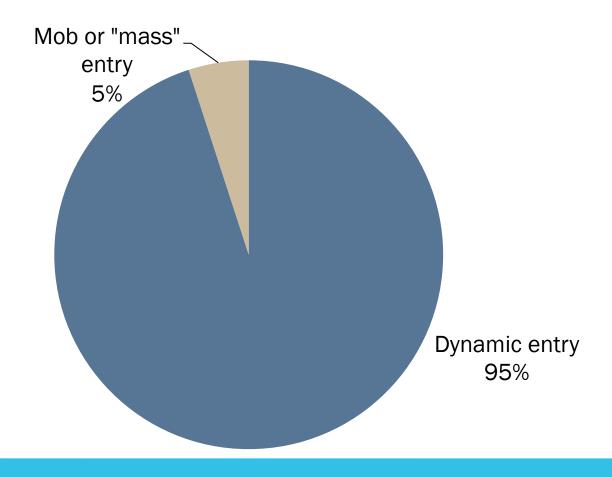
2010, Hotel bomb detonation rates



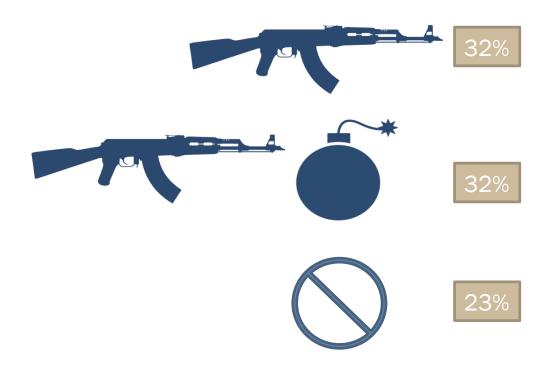
2010, Top 3 bomb placement locations



2010, Raid entry tactics



2010, Top 3 raid weapons/weapons sets used



2010, Top 3 hotel raid formation sizes

(how many people were in the attack group?)

2-6 PAX

100-150 PAX



10 PAX





Questions?

Jeff M. Moore, PhD CEO, Muir Analytics (muiranalytics.com) drjeffmm@gmail.com jmoore@muiranalytics.com 1-410-353-6403

