

HARBOR POINT
HARBOR POINT LIMITED

**CARe – Catastrophe
Modeling Update Session**

Jed Rhoads

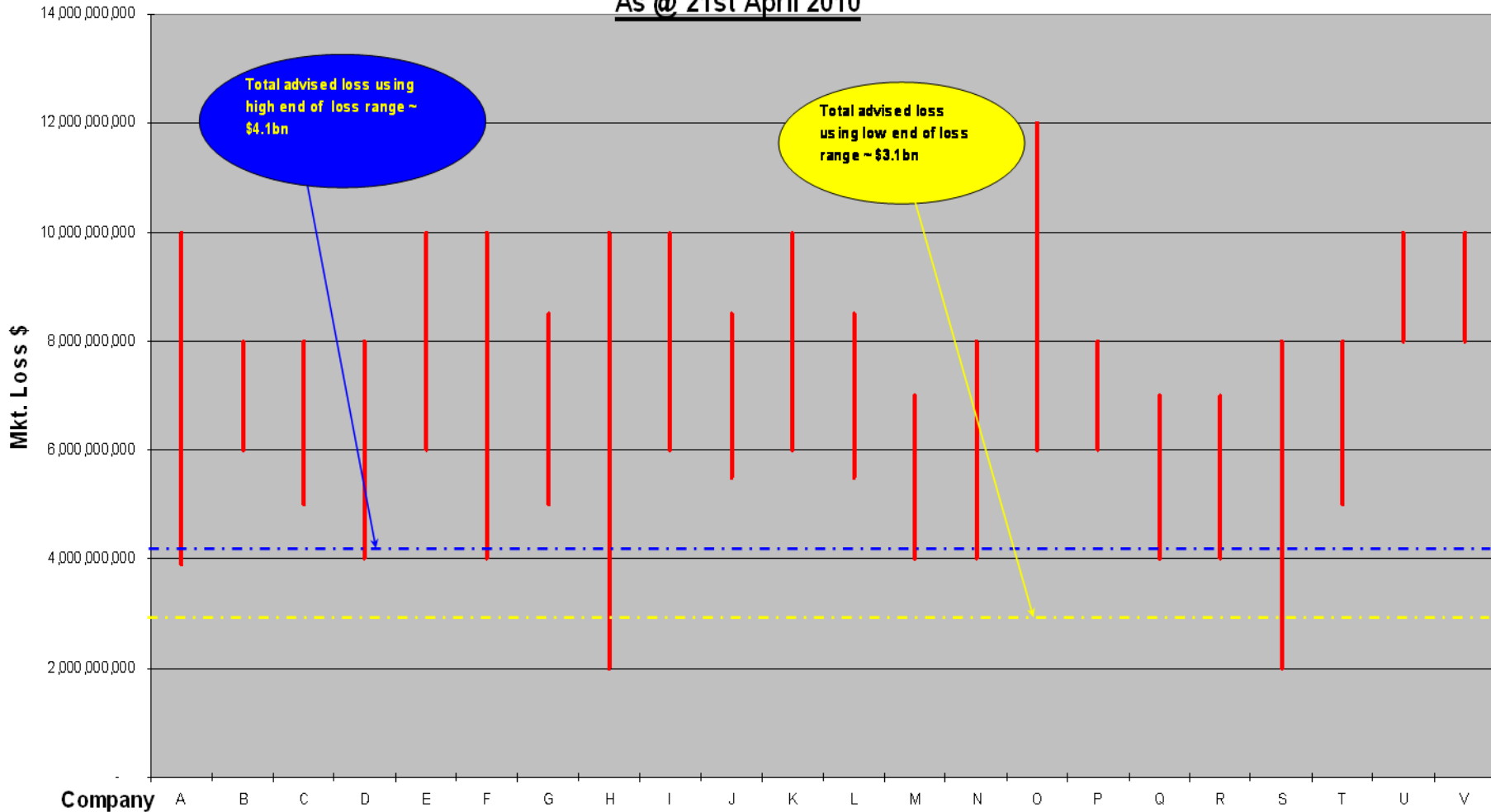
May 7, 2010, New York

Industry Loss Development – Property Cat

- How long does it take to estimate re/insured losses for major events?
- What types of events take longest to estimate accurately?
- Issues related to industry loss development estimation
 - » Cat Modelers
 - » Brokers
 - » Insurers
 - » Reinsurers
 - » PCS
- Lessons Learned

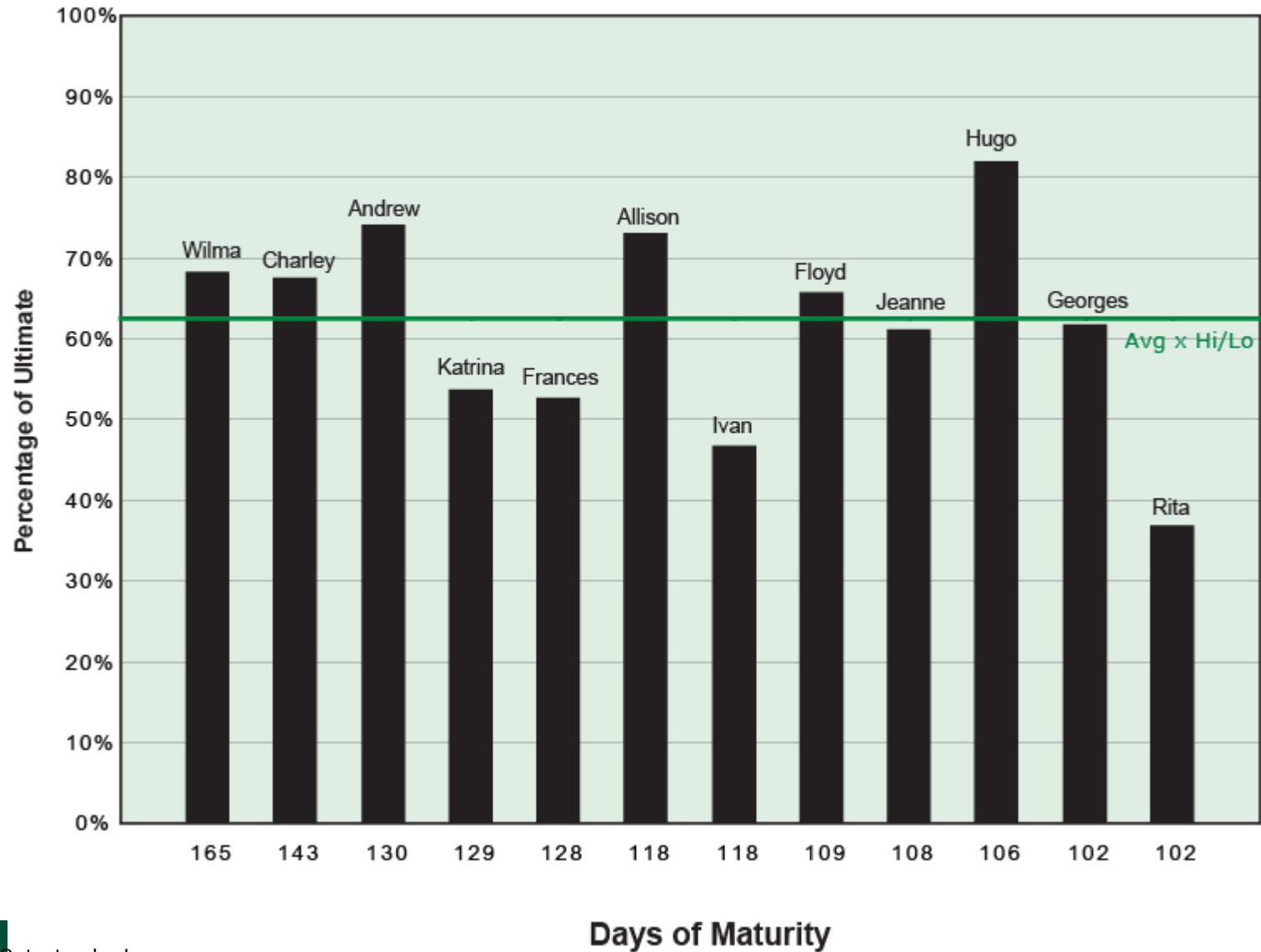
Chile, Feb 2010, loss range by Company

As @ 21st April 2010

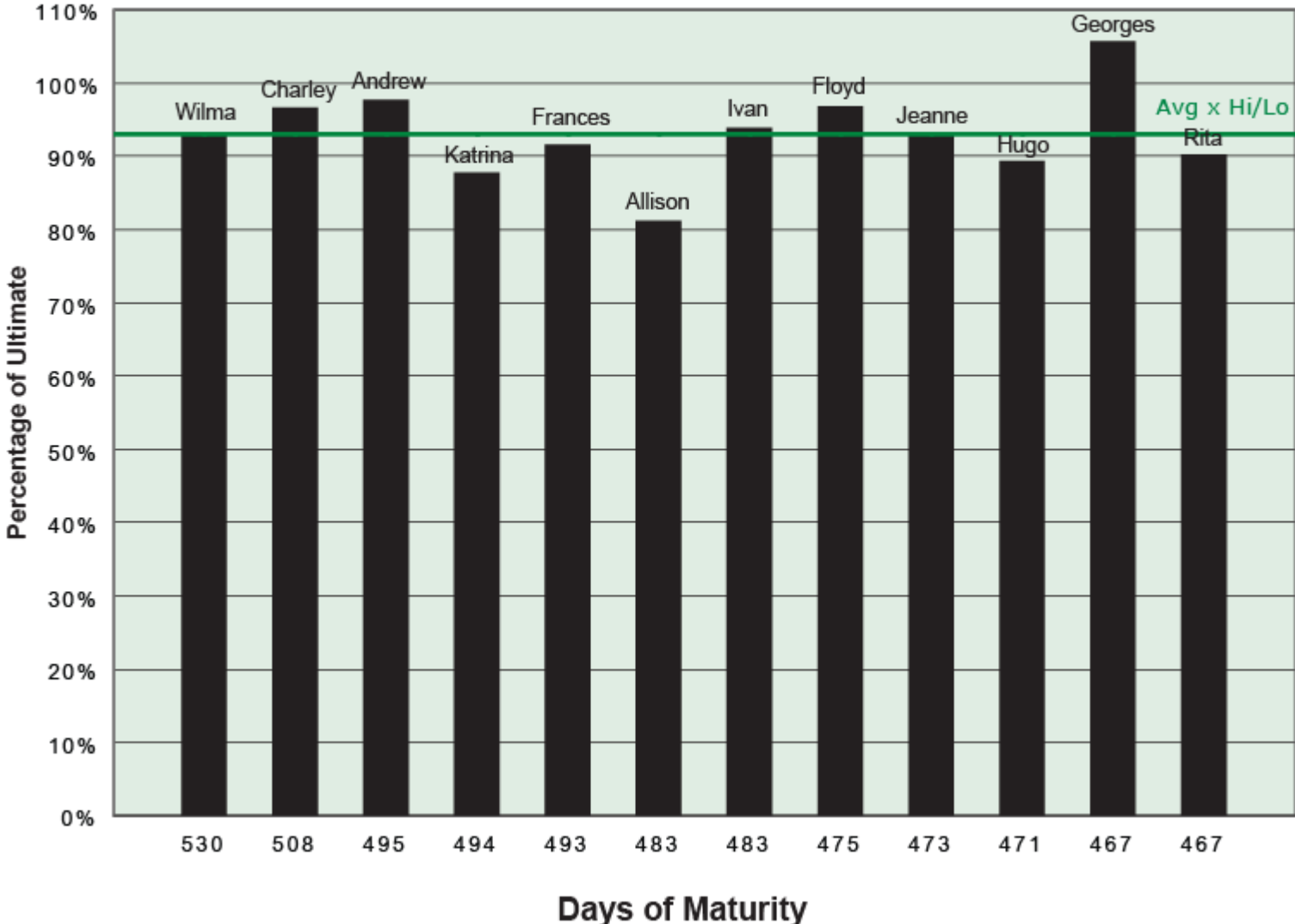


Of 22 Co's 7 have indicated no range of reported loss only a range of a market loss and provided a spot figure. If this is the case then the spot figure given has been taken as both high and low. Advised loss figs also include Co's who have not reported mkt loss but have reported a loss figure.

Windstorms as of Second Quarter of Net Incurred Development

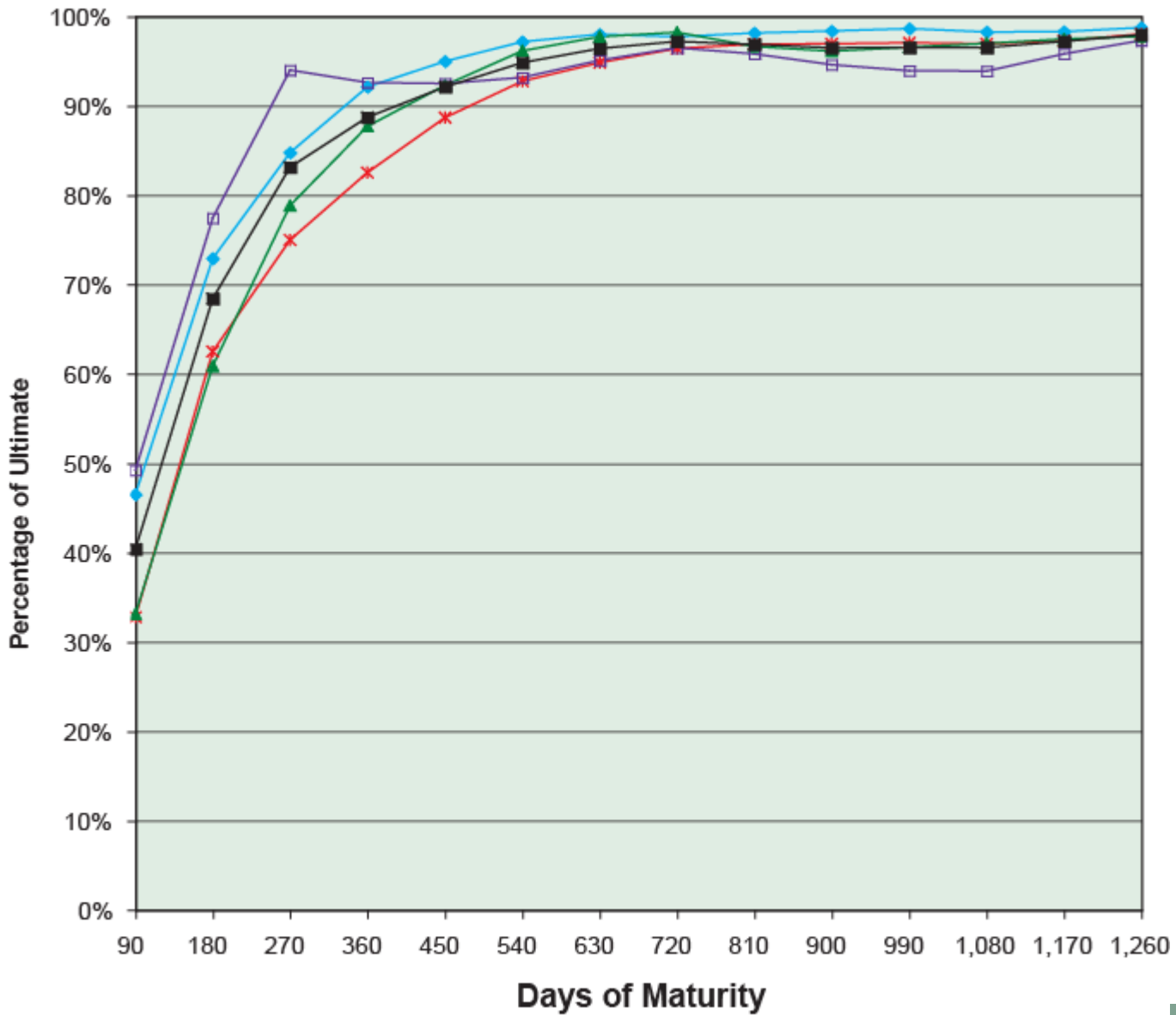


Windstorms as of Sixth Quarter of Net Incurred Development

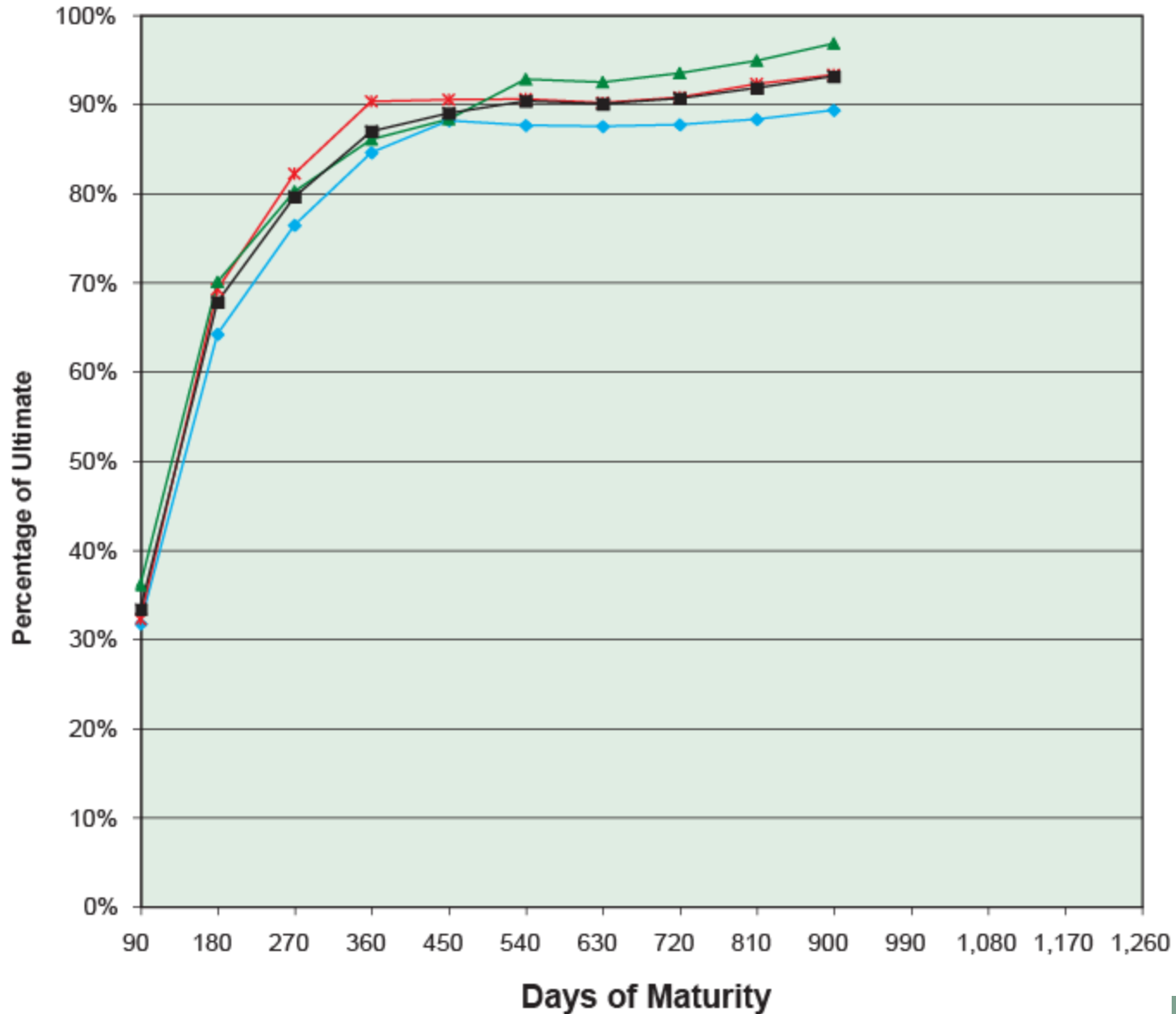


Source: RAA Catastrophe Loss Development Study 2008 Edition

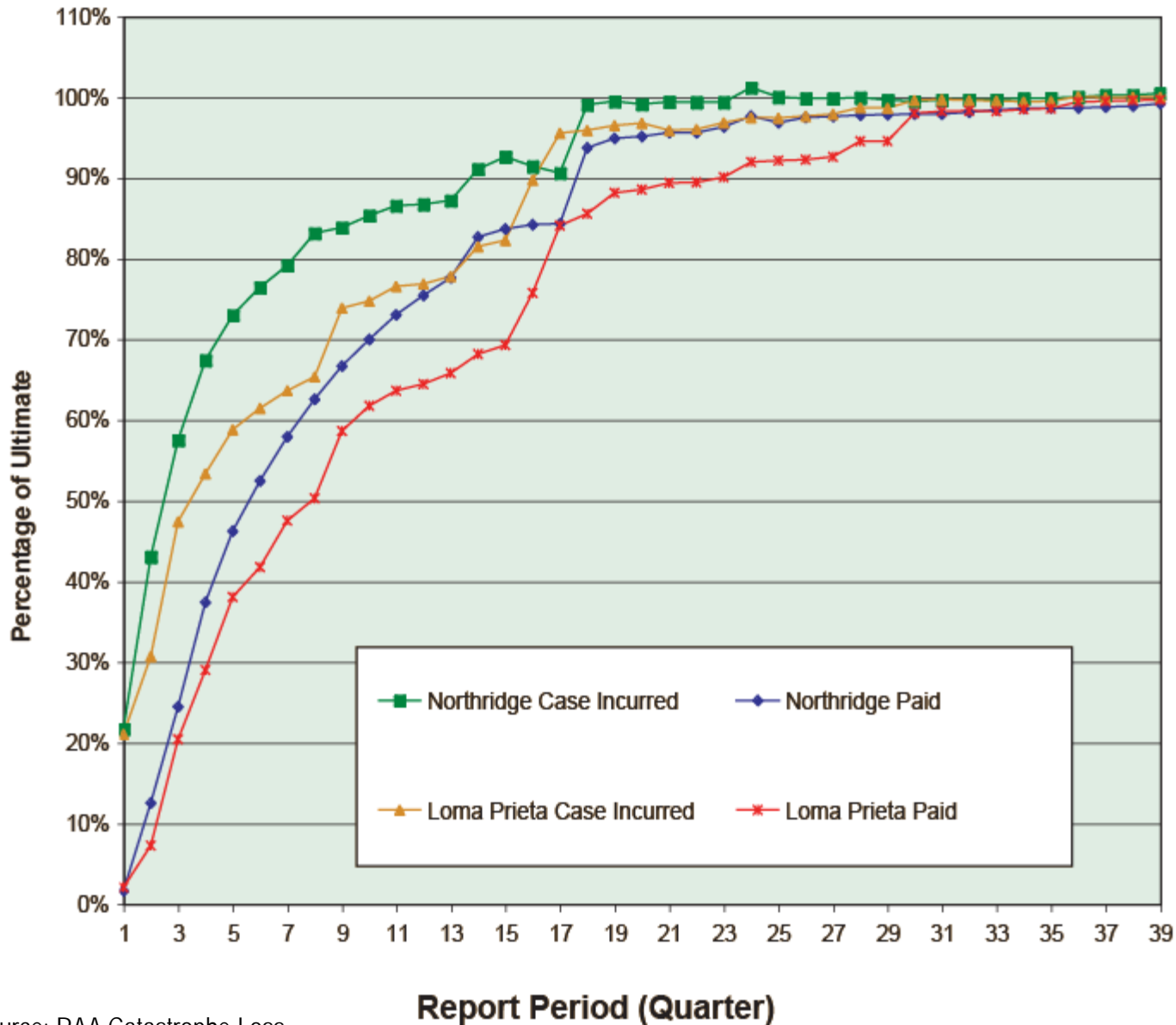
2004 Windstorms Net Incurred Development



2005 Windstorms Net Incurred Development



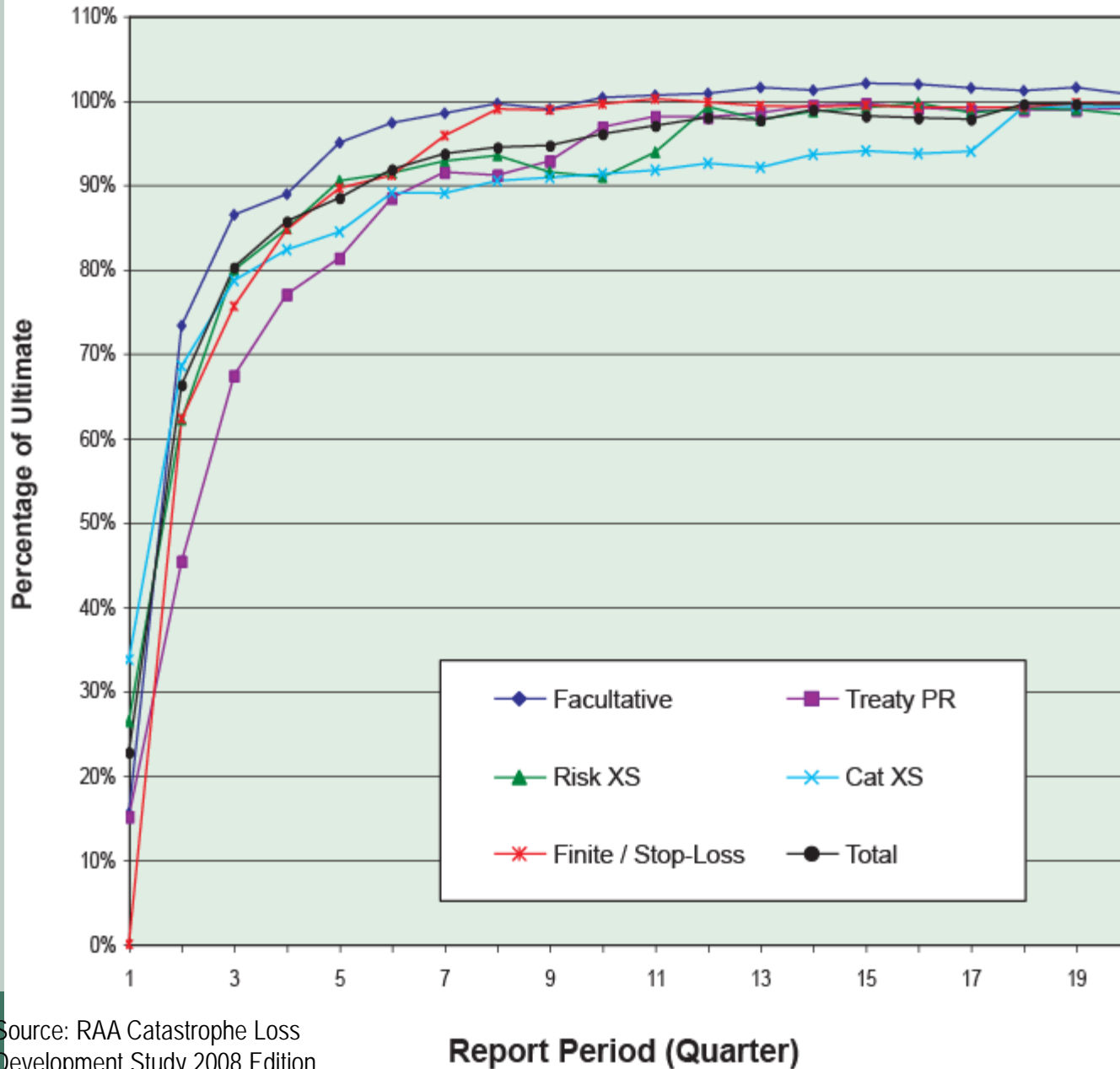
Historical Net Loss Development Earthquake Events



For the Loma Prieta development patterns, case incurred at March 31, 2002 is considered to be at ultimate value. No ACRs are excluded.

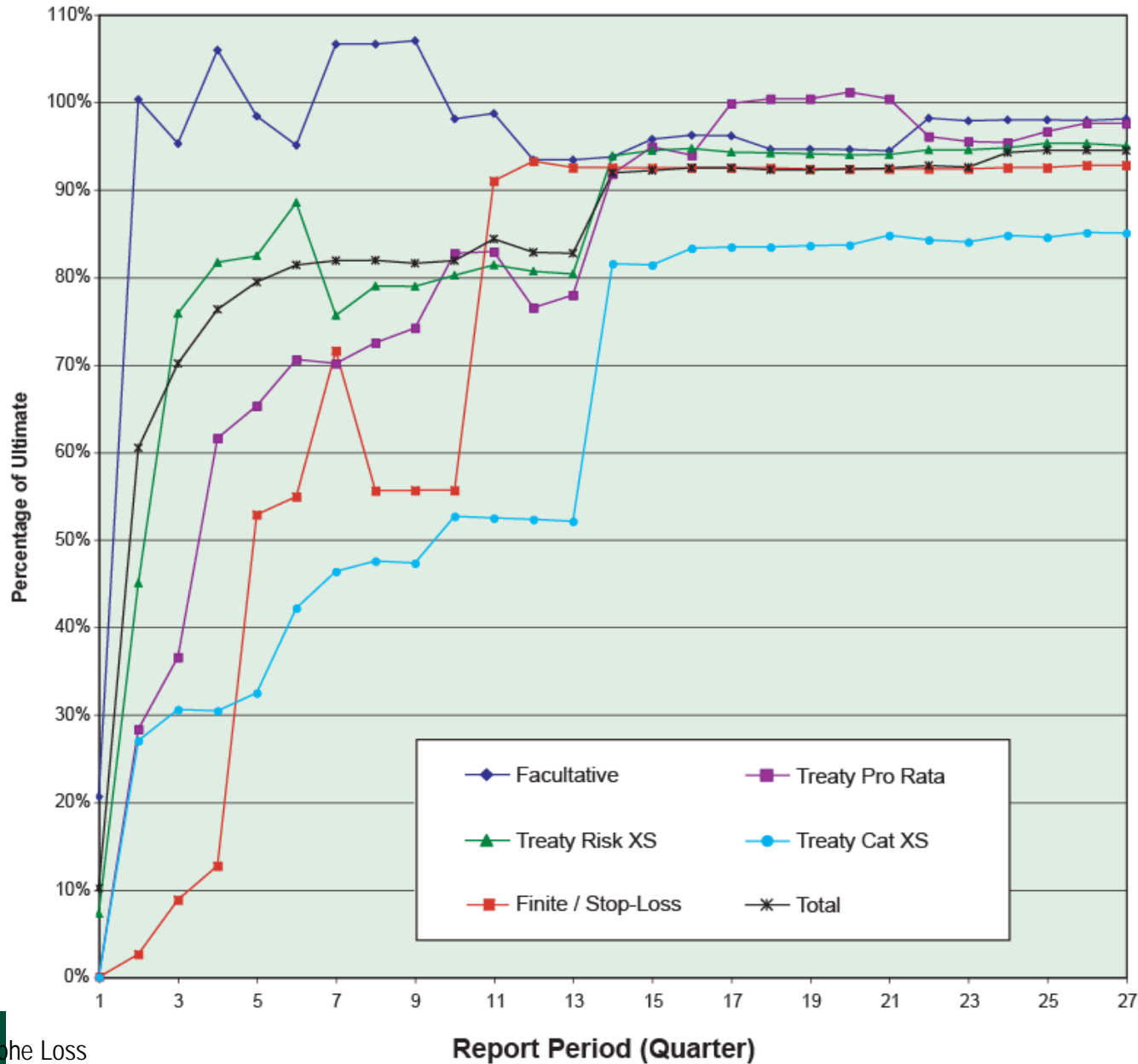
For Northridge development patterns, case incurred (including separately reported ACRs) at March 31, 2006 is considered to be at ultimate value.

Historical Net Incurred Loss Development Mature Events

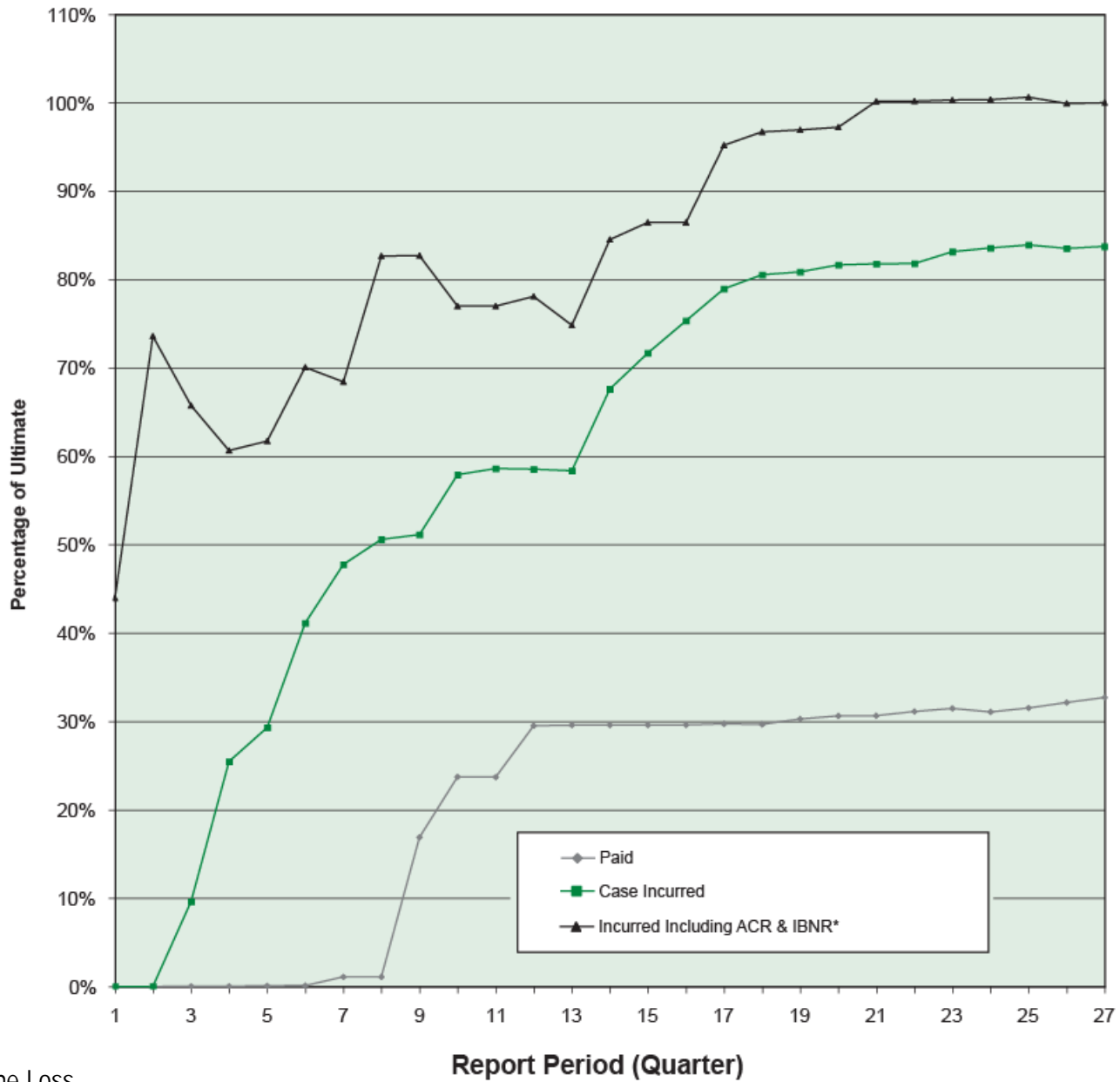


- Mature Events**
- Hurricane Andrew
 - Hurricane Floyd
 - Hurricane Georges
 - Hurricane Hugo
 - LA Riots
 - Loma Prieta Earthquake
 - Northridge Earthquake
 - Oakland Fires
 - Tropical Storm Allison
 - Wind and Hail Event - 2001
 - Wind and Hail Event - 2003

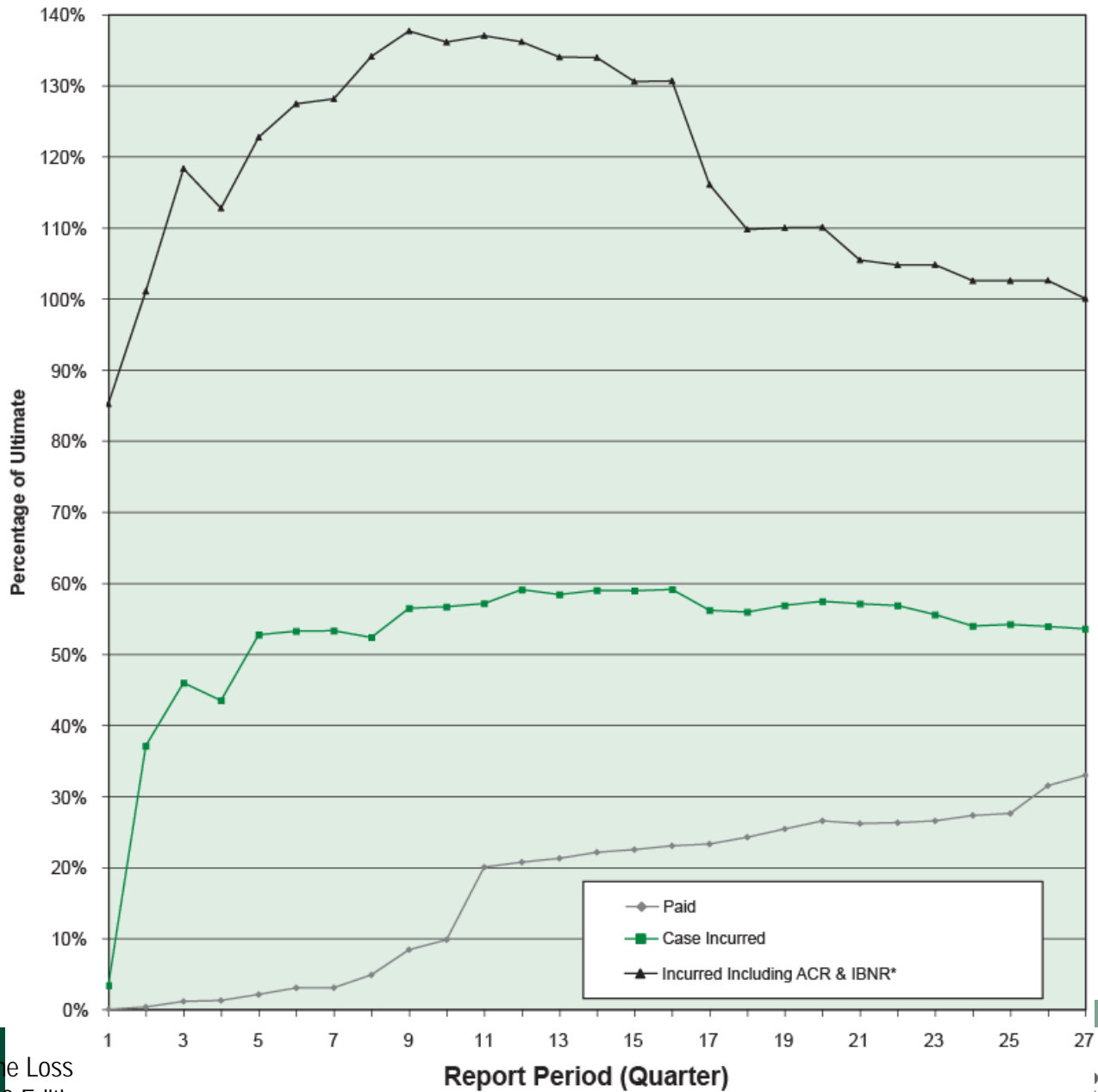
Historical Gross Incurred Development World Trade Center - Property



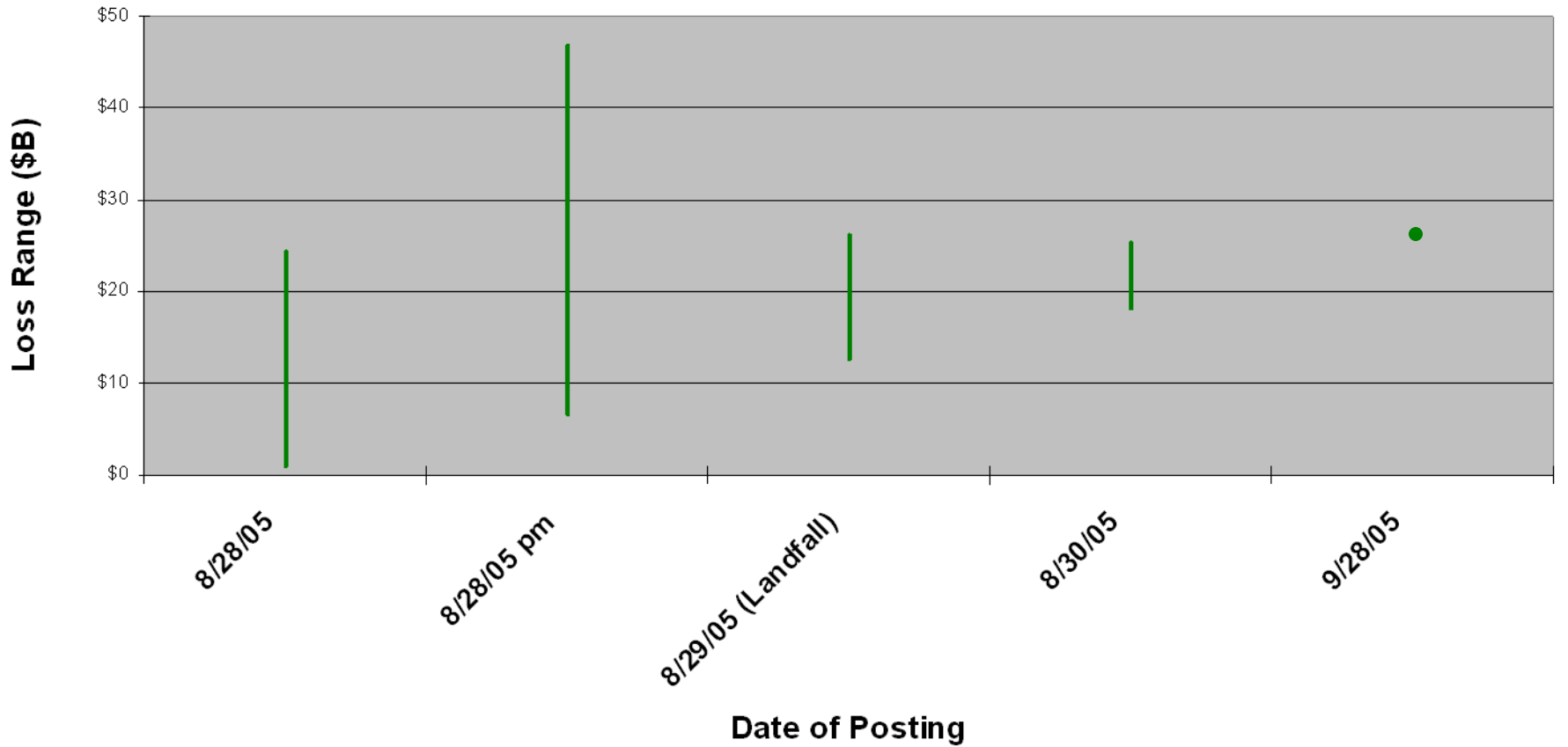
Historical Gross Loss Development World Trade Center - Aviation



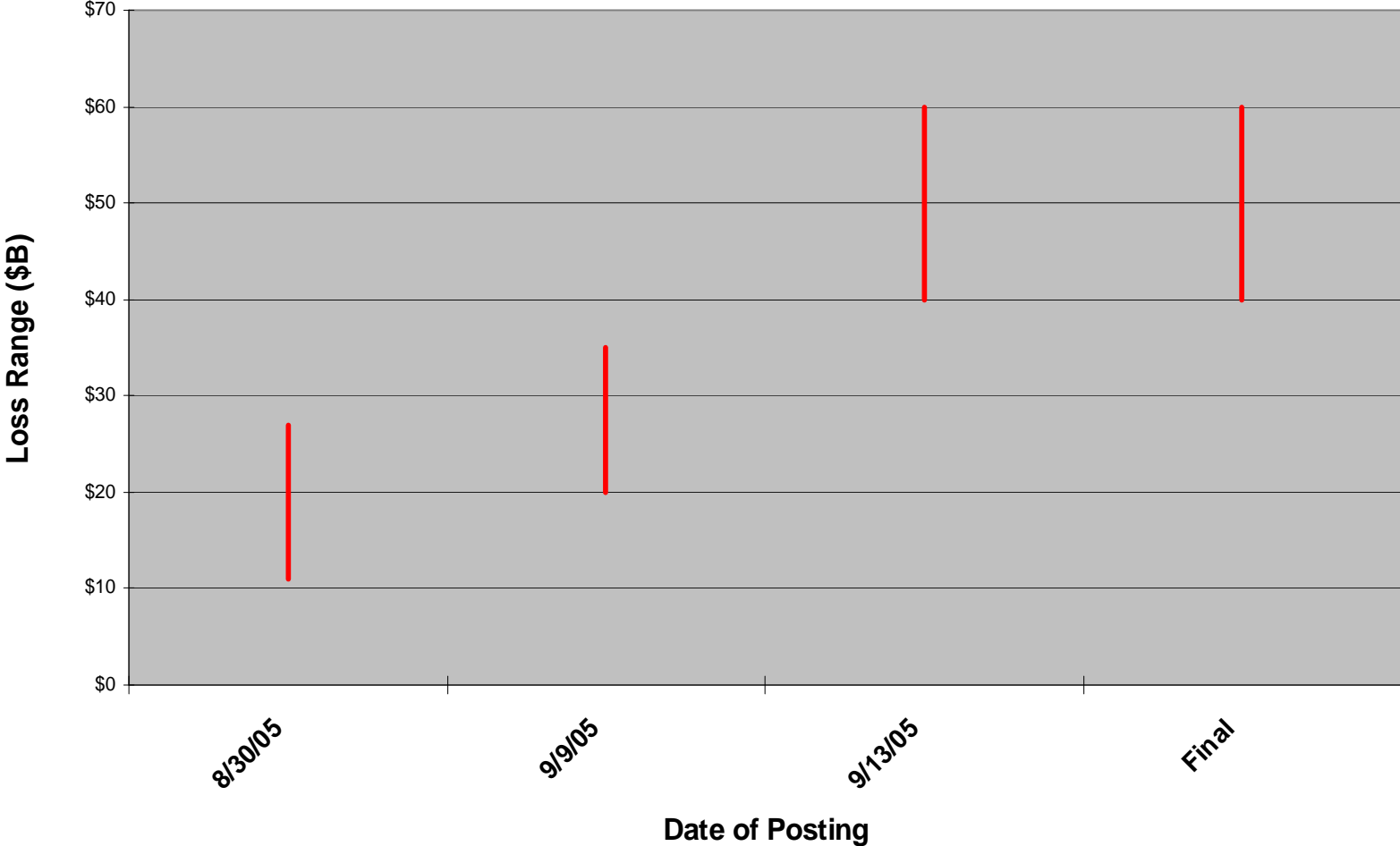
Historical Gross Loss Development World Trade Center - Workers Compensation



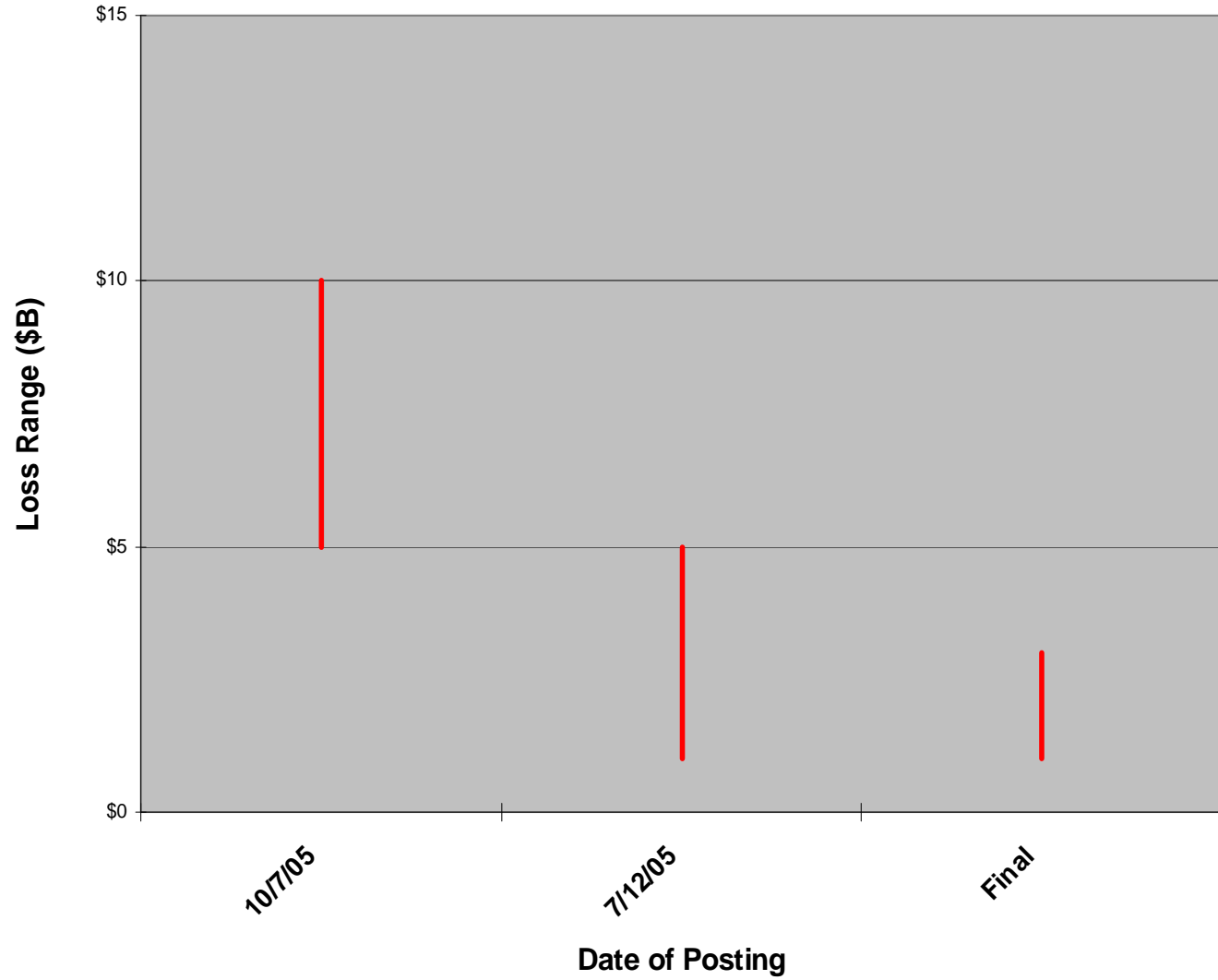
AIR Katrina Industry Losses



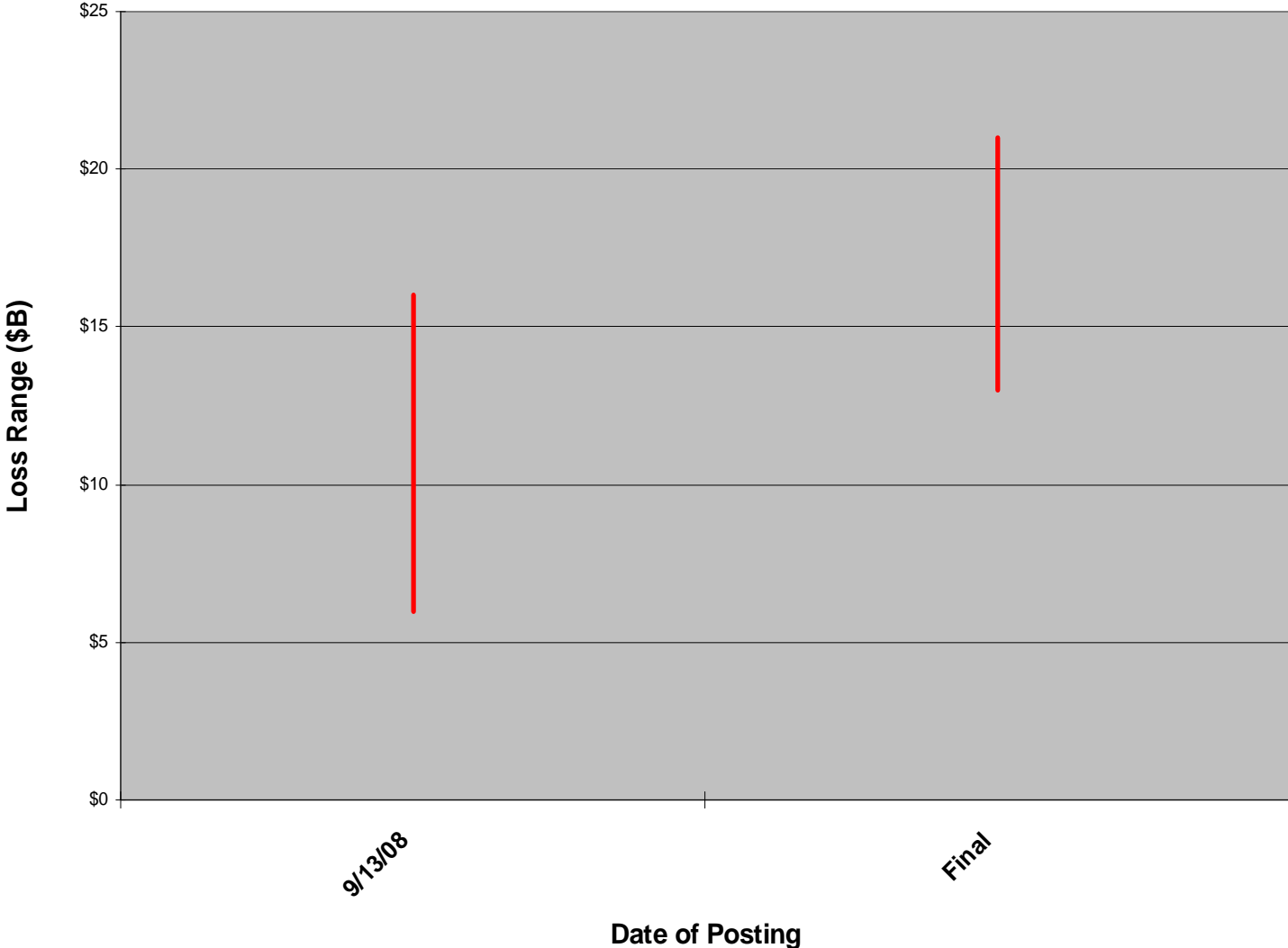
RMS Katrina Industry Losses



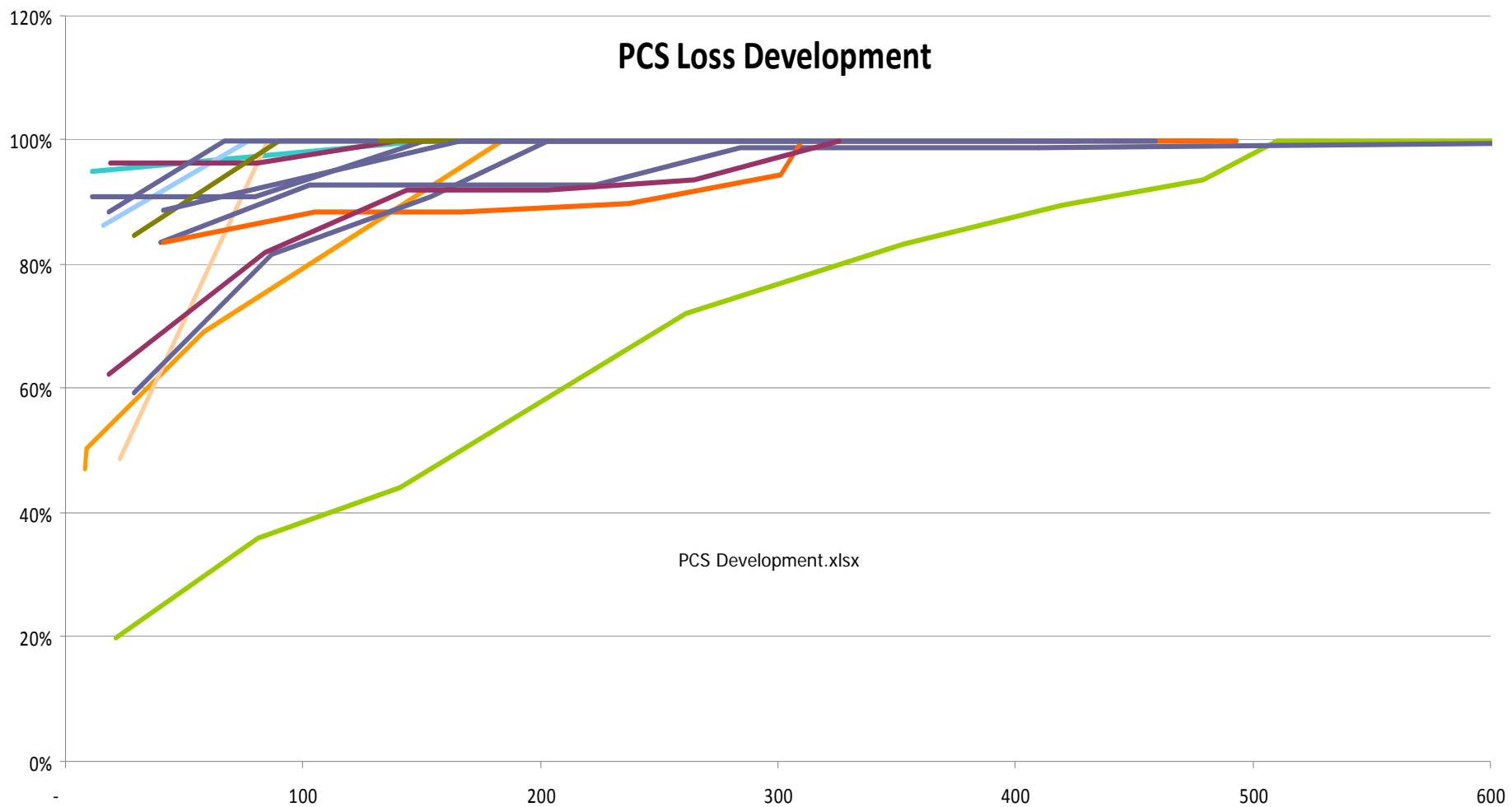
RMS Dennis Industry Losses



RMS Ike Industry Losses



PCS Loss Development



PCS Development.xlsx

- Hurricane Hugo
- Hurricane Andrew
- Northridge Earthquake
- Hurricane Georges
- Tropical Storm Allison
- Hurricane Charley
- Hurricane Frances
- Hurricane Ivan
- Hurricane Jeanne
- Hurricane Katrina
- Hurricane Rita
- Hurricane Wilma
- Hurricane Gustav
- Hurricane Ike

Iranian cleric blames quakes on promiscuous women

BBC News Tuesday, 20 April 2010

- **Women who wear revealing clothing and behave promiscuously are to blame for earthquakes, an Iranian cleric says.**
- Hojjat ol-islam Kazem Sediqi, the acting Friday prayer leader in Tehran, said women should stick to strict codes of modesty to protect themselves.
- "Many women who do not dress modestly lead young men astray and spread adultery in society which increases earthquakes," he explained.
- Tens of thousands of people have died in Iran earthquakes in the last decade.
- Mr Sediqi was delivering a televised sermon at the Tehran University campus mosque last Friday on the need for a "general repentance" by Iranians when he warned of a "prevalence of degeneracy".