



# VIRGINIA DEPARTMENT OF EMERGENCY MANAGEMENT

## **Working Together Towards A Resilient Virginia**

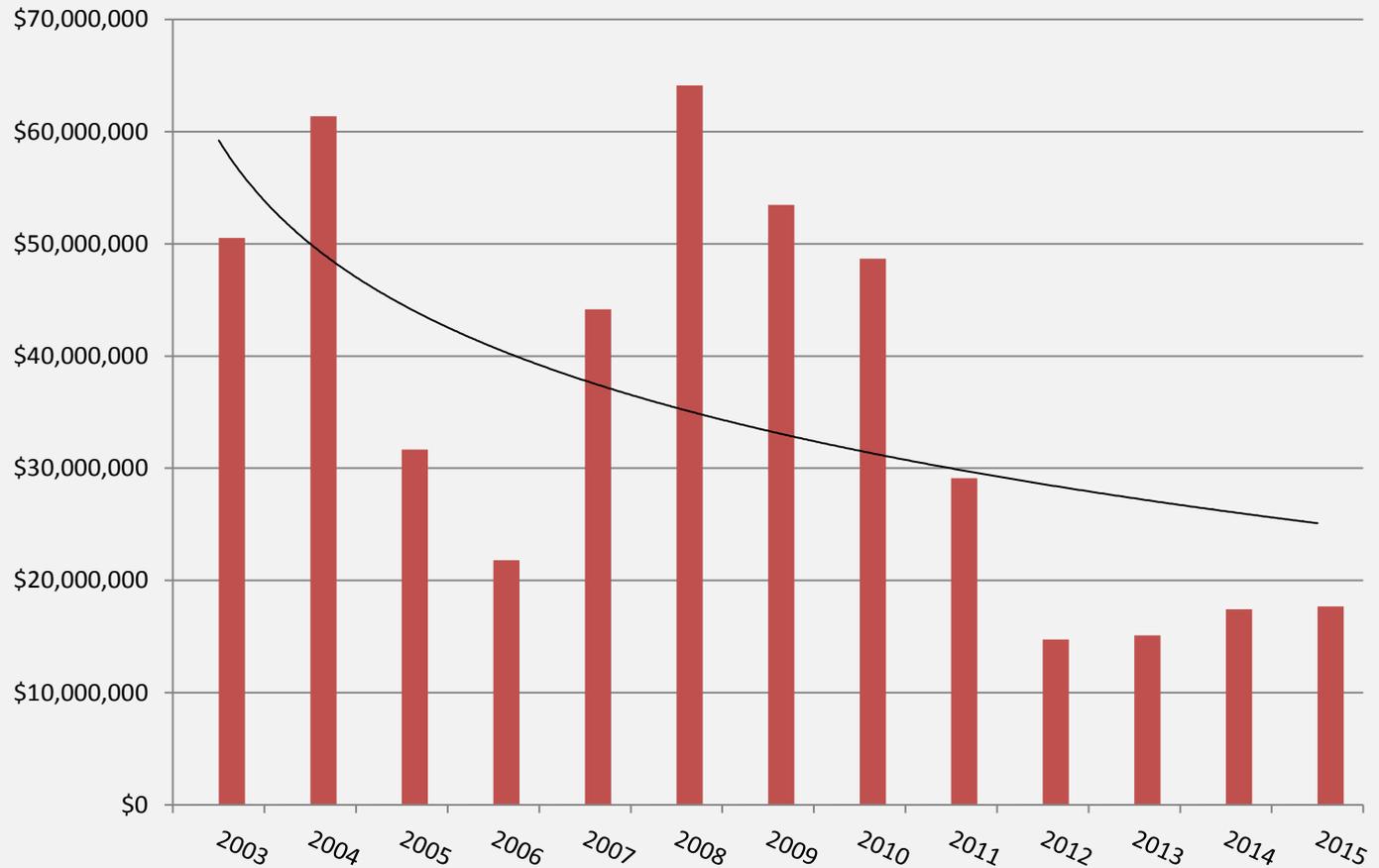
**Presentation at the Virginia Association of  
Counties Annual Conference**

November 9, 2015

Dr. Jeffrey D. Stern, State Coordinator

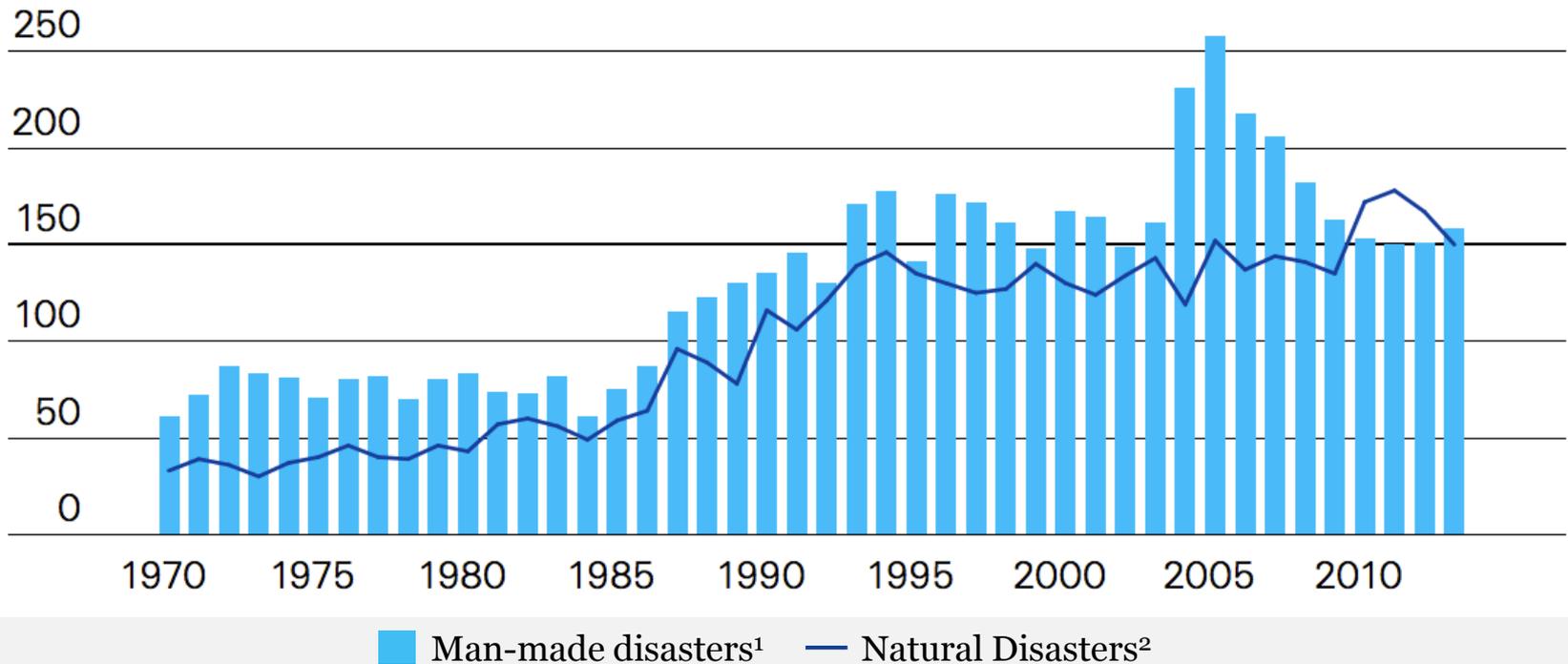
# FEDERAL NON-DISASTER GRANT SUMMARY

## TOTAL HOMELAND SECURITY PROGRAM 2003 – 2015



# Worldwide, the number of disasters has increased..

## Number of Events Over Time



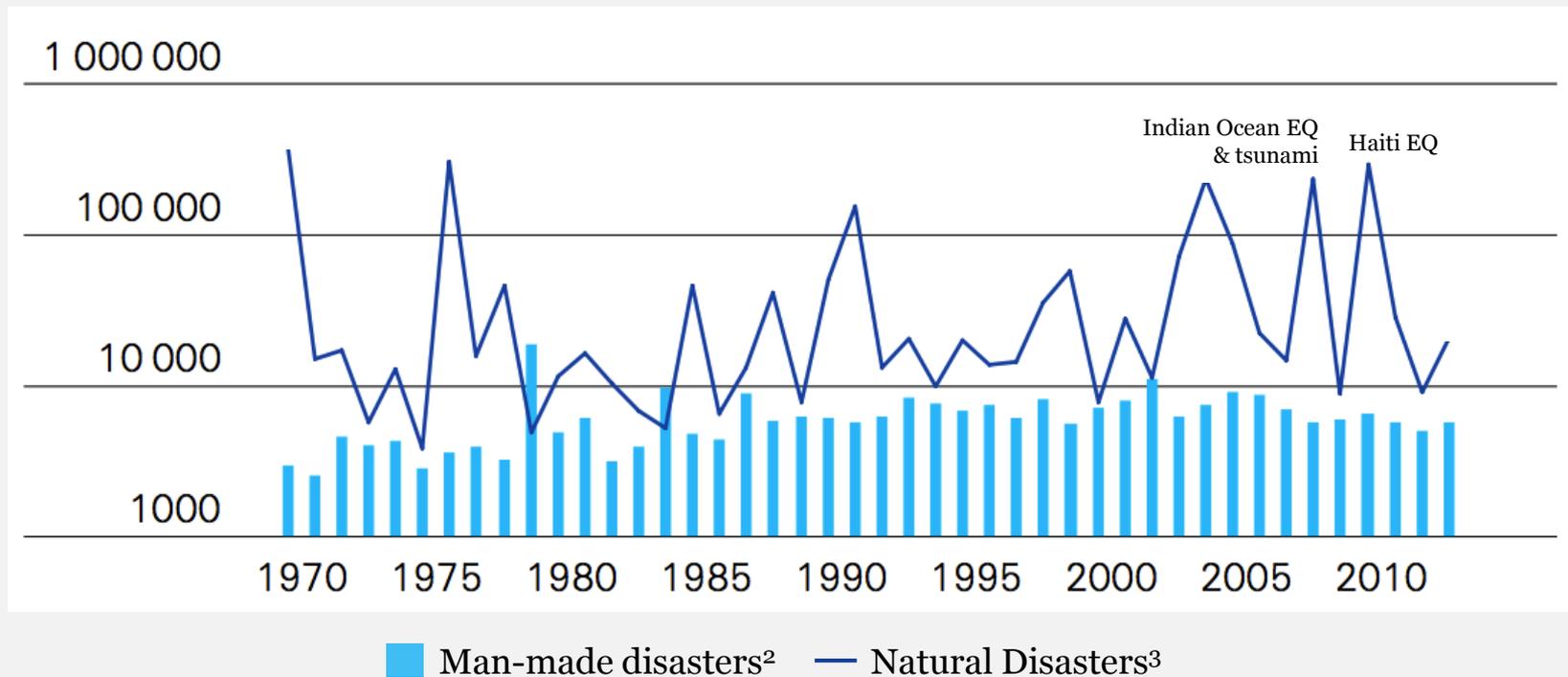
<sup>1</sup> Attributable to human actions, including but not limited to arms explosions, terrorist attacks, factory fires, aviation disasters, etc. (war is excluded)

<sup>2</sup> Attributable to events caused by nature, including but not limited to tornados, earthquakes, hurricanes, droughts, wildfires, extreme weather, etc.

**SOURCE: Swiss Re**

...along with the magnitude of their effects.

## Number of Victims<sup>1</sup> Affected Over Time



<sup>1</sup> Dead or Missing

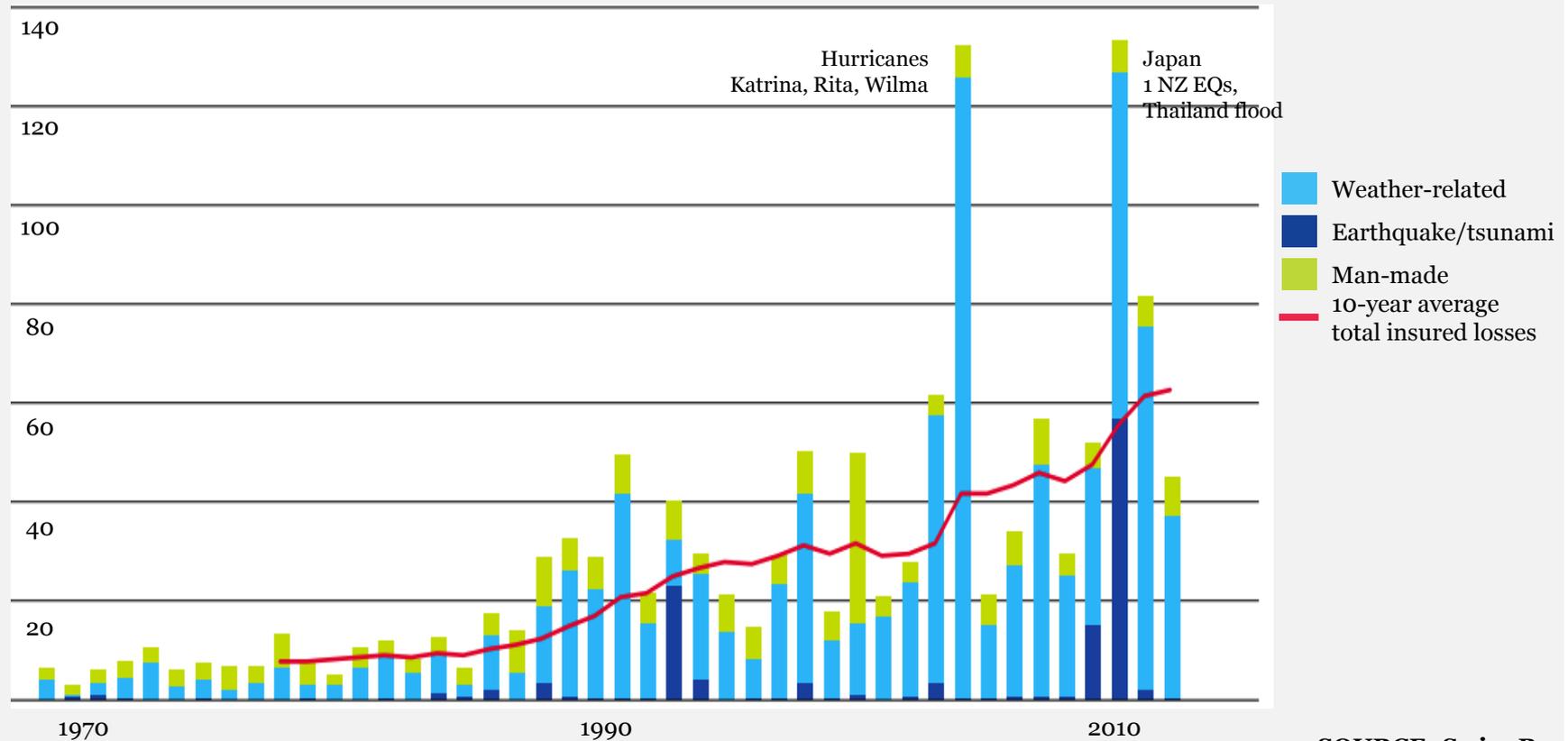
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## Insured Losses (in USD billions) Over Time



SOURCE: Swiss Re

# The U.S. faces an aging infrastructure



**U.S. levees barely passed the American Society of Civil Engineers' test, receiving a D-**

**1 out of every 9 bridges is structurally deficient**

**An estimated investment of \$21 billion is required to retrofit existing dams<sup>1</sup>**

<sup>1</sup> Estimate from Association of State Dam Safety Officials

SOURCE: "2013 Report Card for America's Infrastructure," American Society of Civil Engineers, March 2013; FEMA analysis

# HURRICANE SANDY 2012



*The means and methods for delivering disaster services are shifting.*



2015-2016

# STRATEGIC ROADMAP FOR EMERGENCY MANAGEMENT IN VIRGINIA

## OPERATING ENVIRONMENT & RISK SCAN (RISK = T | V | C)

**bakken crude** **ISIL** **hurricanes** **cybersecurity** **flooding**  
**ebola** **critical infrastructure** **state budget deficit**  
 citizens needing assistance **north anna** **tornados** **sea level rise**  
**surry** **hampton roads** **UASI**

CURRENT CAPABILITIES & APPROACH	GOVERNOR'S VISION FOR EMERGENCY MANAGEMENT	2015 GOALS	LONG-TERM GOALS
<p><b>GRANTS</b> Treated separately - SHSP, EMPG/LEMPG, HMEP, PSGP, DP, HMGP; limited/different strategy</p> <p><b>DEPLOYMENT POSTURE</b> Richmond/NCR-centric; VDEM silos; local &amp; state assets independent</p> <p><b>PROFESSIONAL DEVELOPMENT</b> OTJ</p> <p><b>SITUATIONAL AWARENESS</b> Tends toward descriptive ("this happened; happening")</p> <p><b>TRAINING, EXERCISES, PLANS, RESOURCES</b> Fragmented/competitive</p>	<p><b>QUICK, INTEGRATED RESPONSE</b></p> <p><b>STRATEGIC &amp; SUSTAINABLE PROGRAMS</b></p> <p><b>REGIONAL CAPACITY FOR DISASTER RESPONSE</b></p> <p><b>PROFESSIONAL DEVELOPMENT FOR EMERGENCY MANAGEMENT</b></p>	<p><b>VDEM SPECIFIC:</b></p> <p>VERT/VEOC more towards staffing rosters</p> <p>HQ reorganization to integrate divisional silos (Disaster Services &amp; Mission Support)</p> <p>Distribute resources &amp; build regional offices</p> <p><b>STATE-WIDE:</b></p> <p>SHSP grant revision (stakeholder driven &amp; transparent)</p> <p>Integrate all funding sources and strategic needs</p> <p>Count state &amp; local assets and establish deployment posture and "mission packages"</p>	<p><b>GROW NON-GRANT FUNDING SOURCES</b></p> <p><b>IMPROVE GRANT SOURCE AMOUNT</b> PSGP/UASI</p> <p><b>ENSURE PROGRAMS ARE SUSTAINABLE OVER TIME</b></p> <p><b>DEFINE, BUILD &amp; FUND BASELINE CAPABILITIES</b> For CBRNE/HAZMAT, Communications, Situational Awareness, Alert Warning Notifications, Incident Management, SAR, Planning, Fusion</p>

# NEXT GENERATION 9-1-1 (NG911)



# FIRST RESPONDER NETWORK AUTHORITY



**FirstNet™**

# QUESTIONS?

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