

HURRICANE SCIENCE AND EDUCATION SYMPOSIUM

"Living with Hurricanes: Hazards, Impact, Preparation and Mitigation"

Tulane University,
Center for Bioenvironmental Research
New Orleans, LA
October 25, 2010

Jeanne M. Salvatore

Senior Vice President – Public Affairs and Consumer Spokesperson Insurance Information Institute ◆ 110 William Street ◆ New York, NY 10038

jeannes@iii.org or twitter@JeanneSalvatore

Presentation Outline



- Overview of the I.I.I. Mission
- Cost of Hurricanes in the U.S.
- Preparing for a Hurricane
 - Insurance
 - Home inventory
 - Evacuation Plan
 - Take Steps to Mitigate against Property Damage
- Current Level of Preparedness
- I.I.I. Resources

What is the Mission of the I.I.I.?



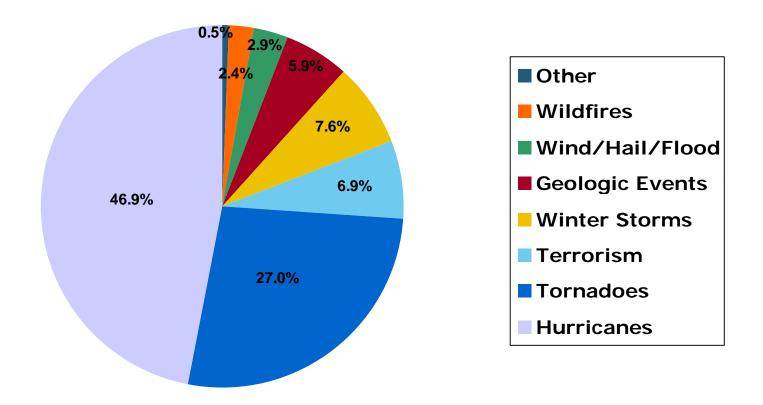
- The mission of the Insurance Information Institute is to build public understanding of insurance—what it does and how it works—primarily through the media.
- The I.I.I. is dedicated to making sure the media covers our business fairly and accurately. At the same time, I.I.I. assists its member companies with their communications, information and planning needs.



Cost of Hurricanes in the U.S.

Inflation Adjusted US Insured CAT Losses by Cause of Loss, 1989-2008*





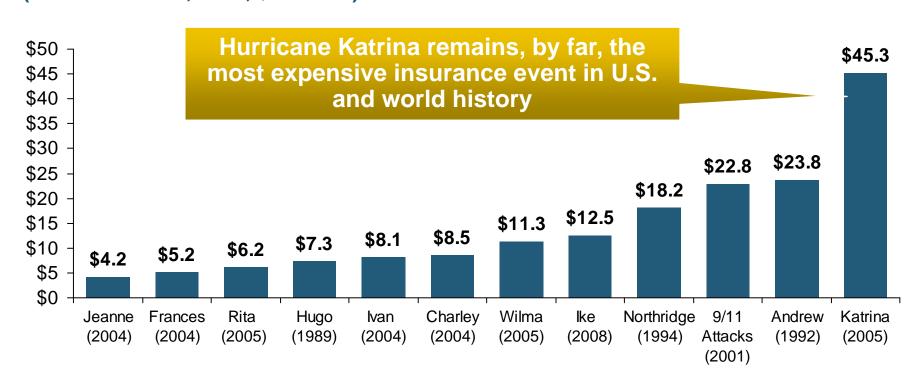
Hurricanes Account for Nearly Half of All Insured Catastrophe Losses Over the Past 20 Years

Source: PCS division of ISO.

Top 12 Most Costly Disasters in US History



(Insured Losses, 2009, \$ Billions)

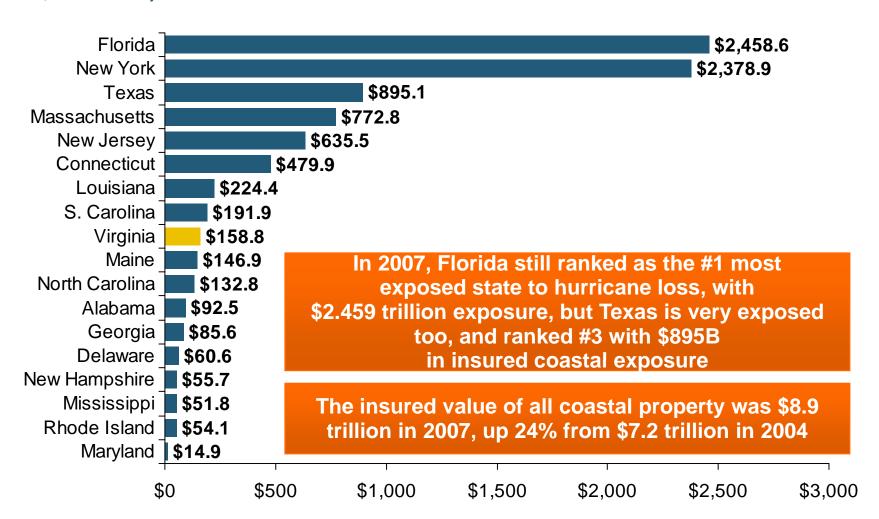


Eight of the 12 most expensive disasters in U.S. history have occurred since 2004; 10 of the top 12 were hurricanes Eight of the top 12 disasters affected Florida

Total Value of Insured Coastal Exposure



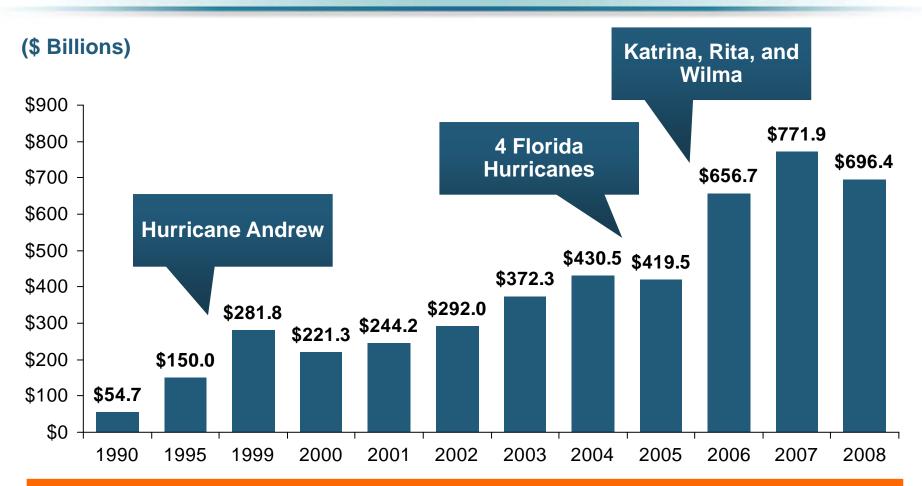
(2007, \$ Billions)



Source: AIR Worldwide

US Residual Market Exposure to Loss





In the 19-year Period Between 1990 and 2008, Total Exposure to Loss in the Residual Market (FAIR & Beach/Windstorm) Plans Has Surged from \$54.7B in 1990 to \$696.4B in 2008

Hurricane Facts and Statistics



- The Atlantic Coast, the Gulf of Mexico and the Hawaiian Islands are home to the U.S. counties most vulnerable to hurricanes. These counties account for nearly two-thirds of the nation's coastline population, according to the U.S. Bureau of the Census
- Of the 11 most hurricane-prone counties, five are in Louisiana, three are in Florida and two are in North Carolina.
- 75.7 percent of the Florida population resides in coastal counties, compared with 32.3 percent in Louisiana, 9.9. percent in North Carolina and 47.7 percent for the total United States.



Preparing for Hurricanes

Hurricanes are Covered



- The good news is that typical home, renters and business insurance policy provides coverage against hurricanes, tornadoes and wind. There is also coverage for the cost of additional living expenses while the structure is being repaired or rebuilt after being damaged.
- To be covered for flooding, you would need purchase a flood insurance policy either from the National Flood Insurance Program or from some private insurance companies. Excess Flood insurance is also available from private insurance companies. 90 percent of all natural disasters have some form of flooding
- Flood damage is covered under the optional comprehensive portion of the standard auto policy, which more than 75 percent of drivers who buy auto liability insurance purchase.

Four ways to prepare for a hurricane



- Review your insurance before you need to file an insurance claim
- 2. Conduct a home inventory
- 3. Take steps to make your home disaster-resistant
- 4. Have an evacuation plan

1. Review your insurance before you need to file an insurance claim



- Everyone needs to have enough insurance to rebuild their home and replace all of their personal belongings.
- Find out what is and is not covered before you have a loss, and keep insurance up-to-hate.
- Plan ahead for a hurricane deductible which exits in coastal states from Maine to Texas,
- Ask about flood insurance.

2. Conduct a home inventory



- This is a detailed list of all your personal possession. It helps you:
- Purchase the right amount of insurance
- Identify specific items that may need a floater or endorsement.
- File an insurance claim
- Apply for disaster aid/or tax deductions for unreimbursed insurance losses.

3. Take steps to make your home disaster resident



- Install storm shutters to protect your windows or use plywood panels, which can be nailed to window frames when a storm approaches.
- Make sure exterior doors have at least three hinges and a dead bolt lock that is at least one-inch long. Sliding glass doors should be made of tempered glass and covered with shutters or plywood.
- Replace old garage doors and tracks with a door that is approved for both wind pressure and impact protection.
 Wind coming into your house through an opening this large can cause serious problems in the rest of your home, especially for your roof

4. Have an Evacuation Plan



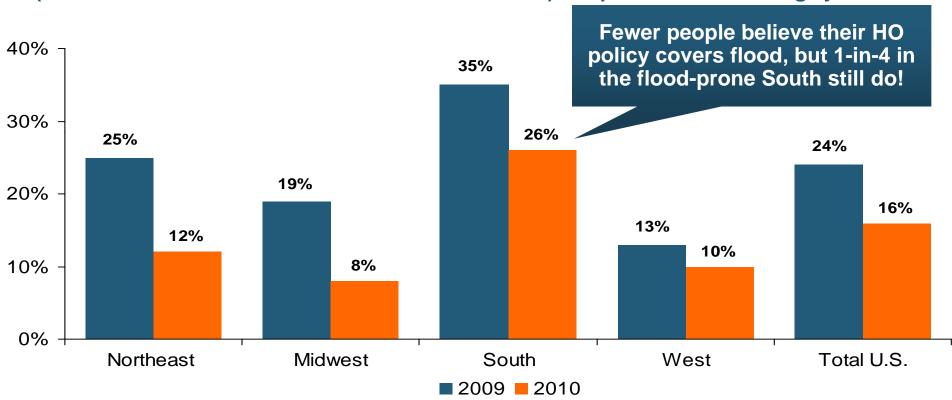
- When a hurricane is approaching, advanced planning really matters. Decide ahead of time where you will go and how you will get there, and have more than one option. If you have pets, contact your veterinarian for a list of preferred boarding kennels and facilities or ask your local animal shelter if they provide emergency shelter or foster care for pets. Also identify hotels or motels outside of your immediate area that accept pets. For more information see Protecting Your Pet During a Disaster.
- The I.I.I. also recommends practicing your evacuation plan by doing a test run: giving yourself just 10 minutes to pack up your family, pets and important items and get out—possibly for good. For a video on the subject, see <u>Ten Minute</u> <u>Challenge</u>.



Current Level of Preparedness



Q. Does your homeowners policy cover damage from flooding during a hurricane? (Asked of those who have homeowners insurance.) Respondents answering "yes".

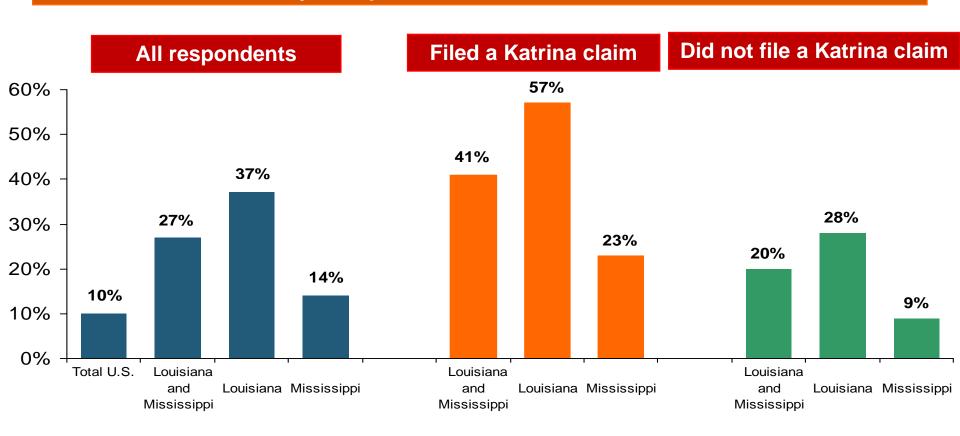


16% of Americans Believe Their Homeowners Policy Covers Damage From Flooding During a Hurricane, Compared With 24% a Year Ago, Down Eight Points



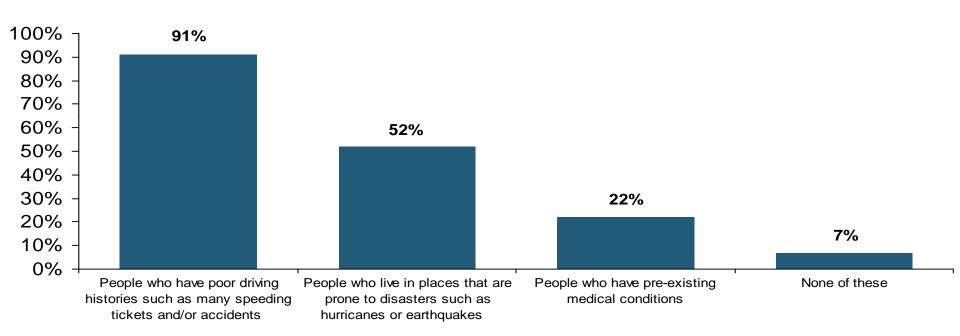
Q. Do you have a separate flood insurance policy?

57% of Katrina Claimants in Louisiana and 23% in Mississippi Have a Flood Insurance Policy compared with 10% for the Nation as a Whole





Q. Should insurance companies be allowed to charge higher insurance premiums for...



■ Respondents answering "yes"

Many People Believe the Cost of Insurance Should Reflect the Risks

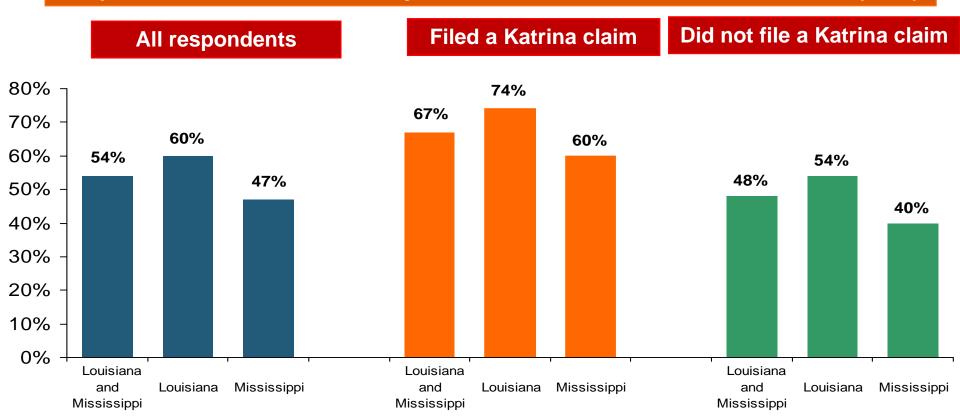
Over Which an Individual Has Some Control

Consumer Poll: I.I.I. Pulse Survey of LA and MS Residents



Q. Are you more prepared for a hurricane now than you were before Hurricane Katrina? (Note: Question not asked in the U.S. poll.)

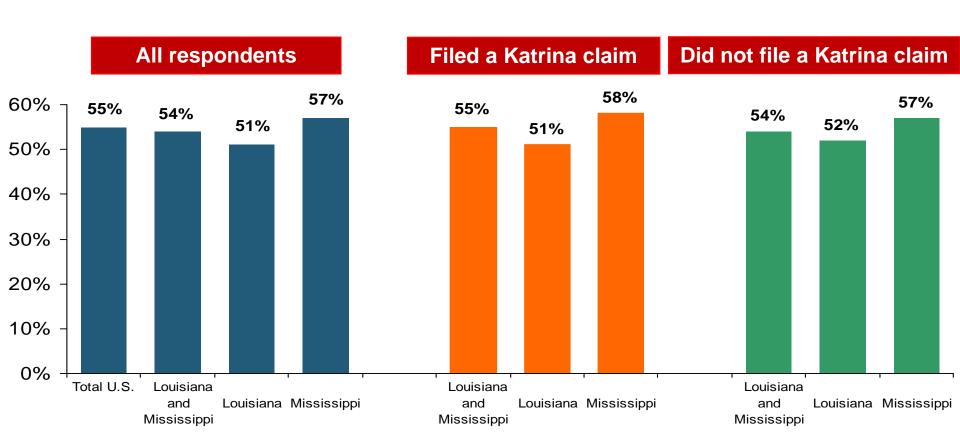
Katrina Claimants in Louisiana and Mississippi (67%) Say They Are More Prepared for a Hurricane Today Than Those Who Did Not File a Claim (48%)



Consumer Poll: I.I.I. Pulse Survey of LA and MS Residents



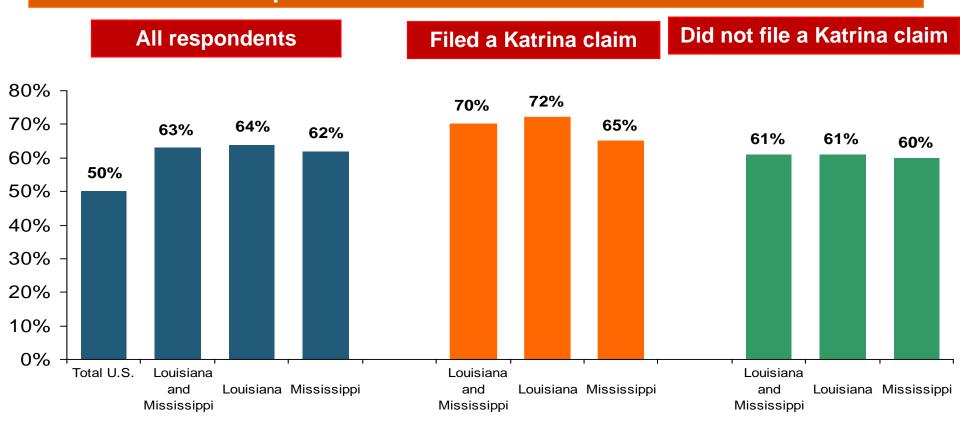
Q. Will the government pay for damage to your home that is not covered in your homeowner's policy?





Q. Do you have an inventory of your possessions to help document losses to your insurer in case of a disaster?

70% of Katrina Claimants Say They Have an Inventory of Their Possessions Compared with 50% of the Nation as a Whole





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- GLOSSARY OF INSURANCE TERMS
- **AUTO CRASH TEST**

EN ESPAÑOL

El Insurance Information Institute pone a su disposición los conceptos básicos necesarios para elegir y obtener protección para muchos de estos imprevistos que ponen en peligro la tranquilidad y las finanzas familiares.

Temporada De Huracanes ¿Cómo Prepararse?

¿Qué Son Los Diferentes Tipos De Anualidades?

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Insurance Handbook

A guide to the insurance industry for reporters, public policymakers.



Insurance Information Institute:

improving public understanding of insurance—what it does and how it works. Member Company? REGISTER User? SUBSCRIBE



iii spotlight

Regulation Modernization

JULY 20, 2010 | FULL STORY

Congress has approved a sweeping overhaul of financial services regulation. The Dodd Frank Wall Street Reform and Consumer Protection Act establishes the Federal Insurance Office (FIO), an entity that will report to Congress and the President on the insurance industry. For a summary of the new law, see the I.I.I.'s background paper on Regulation Modernization.

Making Sure Your Home Is Properly Covered for a Disaster

iii wire

Before Installing a Swimming Pool, Consider the Insurance and Safety **Implications**

With temperatures soaring, a pool might seem like a good idea, but it is important to educate yourself about water safety first.

JULY 08, 2010 | FULL STORY

As You Head Out for Vacation, Protect Your Home and Your Identity Against Burglars

NFIP Policies Cover Property Damage Caused by Oil in Flood Waters

Review Your Homeowners Policy For Hurricane Deductibles

> TERMS+CONDITIONS



Buyers' Market Continues JULY 20, 2010.

Financial Services Reform: Just the Beginning JULY 19, 2010

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Improving public understanding of insurance in Florida what it does and how it works



STRAIGHT TALK

Blogging about insurance in Florida

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Sinkhole insurance and your options

AUGUST 16, 2010 |

Experts can predict the weather, but they can't predict sinkholes. We have more sinkholes in Florida than any other state, and some areas are more vulnerable to sinkholes, such as West Central Florida and Tampa Bay, and they open up when it is very dry or very wet. So, rainy season is hurricane season is sinkhole season.

More

MORE FROM THE STRAIGHT TALK BLOG

- Consumers benefit in fight against auto insurance fraud | AUGUST 13, 2010
- Sinkholes Sinking Citizens Insurance (JULY 30, 2010)
- Got new stuff? Update your home inventory | JULY 26, 2010

INSURANCE 101

Who regulates insurance companies?

Insurance is regulated by the states, with each state having its own set of statutes and rules. State insurance departments oversee insurer solvency, review market conduct, rule on requests for rate increases, among other things. Click on the link to learn more.

FLORIDA OFFICE OF INSURANCE REGULATION

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Home Inventory Software

KNOW YOUR STUFF® HOME INVENTORY Online software to help you create a room-by-room inventory MORE

I.I.I. VIDEO



Be A Responsible Dog Owner Dogs may be man's best friend, but as an owner you are liable if your pet bites

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September 10, 2010 at 6:57 pm - 0 Comments

VIDEO: What Fire Victims **Need to Know About** Insurance





Crime

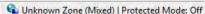
Each of the property crime categories tracked by the FBI dropped in 2009: motor vehicle theft (17.1 percent), larceny-theft (4.0 percent), and burglary (1.3 percent), according to the latest Uniform Crime Report.

For information click here >>

Facts and Stats:







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ANNUITIES

- ¿Qué es una anualidad?
- Sección de ayuda: Preguntas y respuestas
- ¿Cómo, cuándo y porqué considerar una anualidad como parte del panorama financiero?
- ¿Qué son los diferentes tipos de anualidades?
- ¿Cuáles son las diferencias entre una anualidad fija y una variable?
- ¿Cómo y dónde se adquiere una anualidad?
- ¿En qué se diferencian las anualidades de los seguros de vida?
- ¿Cuánto se debe invertir en una anualidad?
- ¿Cómo recibir las distribuciones o pagos de las anualidades?
- ¿Que son las diferencias entre anualidades diferidas y anualidades inmediatas, y qué es una anualidad vitalicia?
- DEFINICIONES BÁSICAS DE ANUALIDADES

AUTO INSURANCE

- ¿Cómo se hace un reclamo a su aseguradora de automoviles?
- ¿Cuáles son sus derechos cuando introduce un reclamo?
- ¿Cómo se determinan el valor y costo de reparación de su auto?
- ¿Puede su compañía de seguros requerirle el uso de cierto tipo de repuestos para reparar su auto?
- ¿Cuál es la diferencia entre una cancelación y la no renovación de una póliza?
- ¿Qué se incluye en un seguro de auto?
- ¿Qué factores influyen en el precio de una póliza de seguro de auto?
- ¿Se puede manejar legalmente sin seguro de auto?
- ¿Cómo influyen las leyes estatales de conducir a la hora de comprar seguro de auto?



Much of the consumer information on the site is also available in Spanish

Free Web-based Software





Welcome

to Know Your Stuff® – Home Inventory, the Insurance Information Institute's free online home inventory software. This application makes creating and updating your home inventory easy and efficient. And with our free, secure online storage you will have access to your inventory anywhere, any time. You never know when a disaster may strike, but you can be prepared with an up-to-date home inventory.



START NOW

Search.





Welcome

to Know Your Stuff® Business Inventory, the Insurance Information Institute's online inventory software specifically designed for businesses. An up-to-date Business Inventory is an important component of disaster planning. It can help you:

- Purchase the right amount and type of insurance
- Substantiate prioperty losses to make filing an insurance claim faster and easier

Know Your Stuff® – Business Inventory is a simple, affordable yet powerful and highly scalable application that makes creating, updating and keeping track of your business inventory easy and efficient. And with secure online storage you will have access to your inventory anywhere, any time.

- Only \$9.95/ month
- No hardware or support costs
- Hosted at Google and Integrated with Google Apps



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I.I.I. Insurance Matters website:	Insuring Florida website:	Twitter:
A site to help public policymakers better understand the unique role played by insurers in managing risk.	An informative site focusing on insurance matters specific to Florida. Includes Lynne McChristian's "Straight Talk" blog.	Follow one or all of the I.I.I. feeds to get timely information in your specific area of interest
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Social Media Users/Traff	ic	http://twitter.com/Bob_Hartwig
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- Facebook: +/- 300 likes
- Twitter: 1,560 followers
- YouTube: 392,224 total views
- T&C Blog: 4,045 page views in
 - August 2010
- Insuring Florida blog: 159 page
 - views in August 2010





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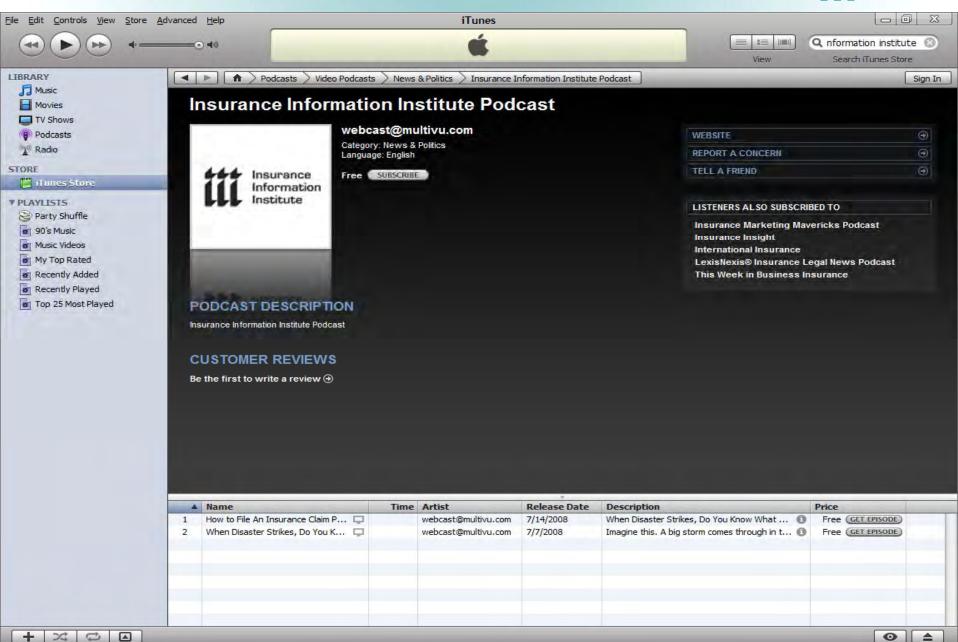
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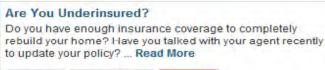
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Common questions about insurance relating to college students, rental cars, updating your policy and more.

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Before Buying a Home

When it comes time to buy that dream house, the cost to insure it is often overlooked. The I.I.I. has created a checklist of important ... Read More

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Institute for Business & Home Safety Research Center



The Institute for Business & Home Safety has created a unique, stateof-the-art, multi-risk applied research and training facility in Chester County, South Carolina. This facility will significantly advance building science by

enabling researchers to more fully and accurately evaluate the impact of natural disasters on various residential and commercial construction materials and systems.

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Avoiding Insurance Mistakes: Five Tips



Five big mistakes to avoid when making decisions about your insurance. I.I. offers tips on how to save money and still properly protect yourself.

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Dr. Robert P. Hartwig, CPCU

Workers Compensation Insurance: The Role of State Funds, Market Trends and Economic Influences

This PowerPoint report reviews the role that state funds play in the workers compensation insurance market, noting that social policy, history, economics, insurance market forces and politics have all played important roles in the development of modern workers comp systems, state funds and their structure.

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In our Ask the Expert section we address your most taxing insurance-related questions.

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Homeowners and Renters Insurance

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- What is homeowners insurance?
- What is in a standard homeowners insurance policy?
- Are there different types of policies? **ARTICLE**
- What type of insurance do I need for a co-op or condo? ARTICLE)
- Does my homeowners insurance cover flooding?
- What type of disasters are covered? ARTICLE
- Can I own a home without homeowners insurance? (ARTICLE)
- Can I get insurance if I rent my home? (ARTICLE)
- How do I take a home inventory and why?
- What's the difference between cancellation and nonrenewal? MARTICLE

BUYING A POLICY

- How much homeowners insurance do I need? (ARTICLE)
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- I'm installing a pool—what kind of insurance do I need? (ARTICLE)

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Hurricanes

HURRICANES AND RELATED DEATHS IN THE UNITED STATES, 1990-2009

Year	Total hurricanes	as hurricane in the U.S.	Deaths (1)
1990	1	0	0
1991	1	1	18
1992	4	1	27
1993	1	1	3
1994	1	0	8
1995	3	3	29
1996	3	2	59
1997	1	1	6
1998	10	3	23
1999	8	2	60
2000	8	0	4
2001	9	0	42
2002	4	1	5
2003	7	2	24
2004	9	6 (2)	59
2005	15	7	1,518
2006	5	0	0
2007	6	1	1
2008	8	4 (3)	41 (4)

3

1 (5)

6 (6)

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UPDATES

© PRINT EMAIL DOWNLOAD PDF Catastrophes: Insurance Issues

THE TOPIC

OCTOBER 2010

The term "catastrophe" in the property insurance industry denotes a natural or man-made disaster that is unusually severe. An event is designated a catastrophe by the industry when claims are expected to reach a certain dollar threshold, currently set at \$25 million, and more than a certain number of policyholders and insurance companies are affected.

Most major hurricane forecasters have predicted an active hurricane season in 2010, with more storms and more severe storms than average.

Meteorologists say that ocean temperatures and other conditions are very conducive to hurricane formation even though the season got off to a slow start with just three storms as of mid-August. Activity has picked up since then and by the end of September, the season had produced 13 storms, of which seven were hurricanes.

Even though no major hurricanes hit the U.S. mainland in 2009, catastrophe losses still totaled \$10.8 billion, according to ISO's Property Claim Service unit (PCS), due in part to the large number of damaging thunderstorms. By contrast, insured catastrophe losses for 2008 totaled\$27.0 billion. While this does not come close to the \$62.3 billion for 2005, the year of hurricanes Katrina and Rita, it was the third most costly in the last decade. Losses for 2007, also a year of little hurricane activity in the U.S., were \$6.5 billion.

Meanwhile, the magnitude of the damage caused by Katrina and the potential damage hurricanes Rita and Wilma might have caused had they not weakened from intense Category 5 hurricanes is still reverberating, five years later. Many insurers have reduced the number of policyholders they insure in high-risk areas and added hurricane deductibles to property



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