The State of the Insurance Market in Louisiana Ten Years Post-Hurricanes Katrina and Rita

August 11, 2015

### Property Insurance Market Overview

Richard N. Piazza

Chief Actuary Louisiana Department of Insurance







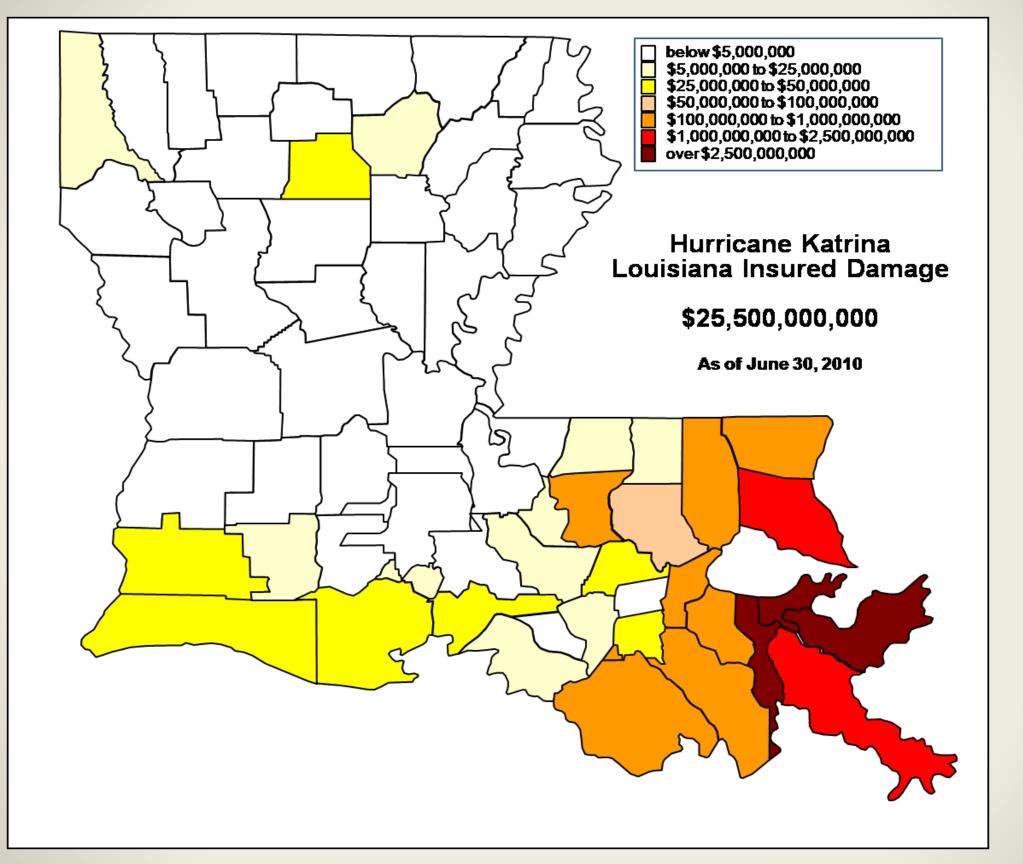


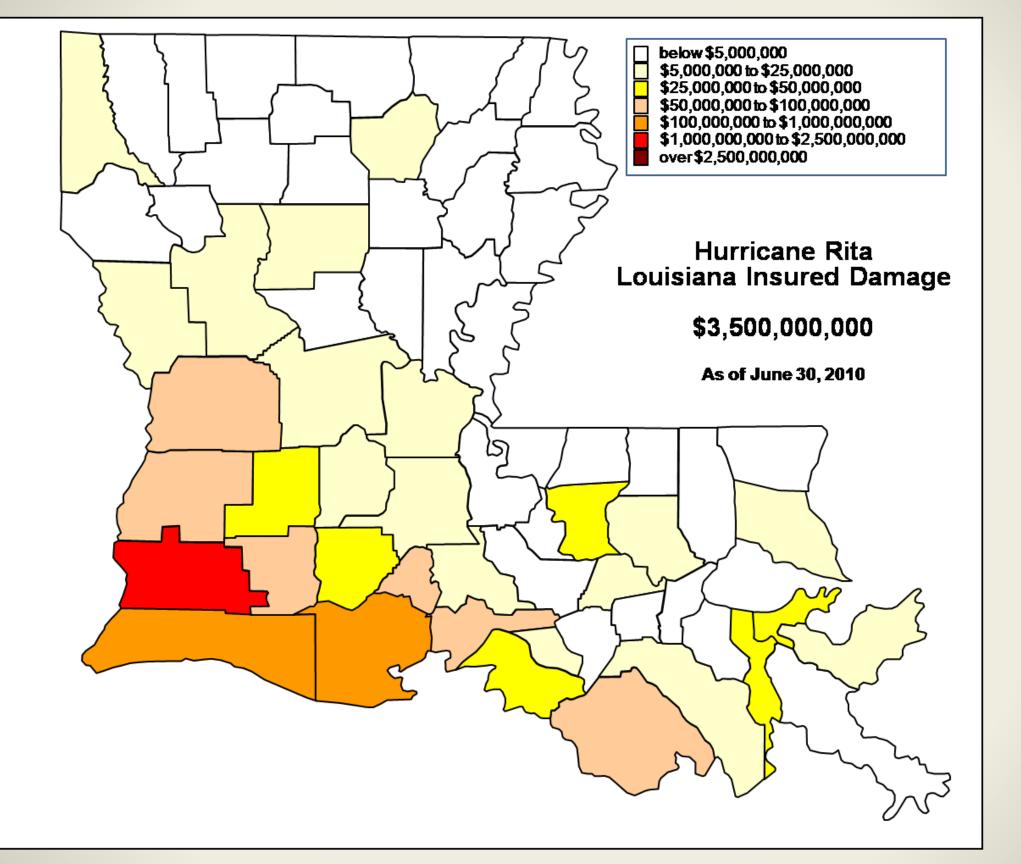
### Reported Claims and Insured Losses (Excluding Flood)

Hurricane	Losses Paid <sup>1</sup>	Reported Claim Count	
Hurricane Katrina (August 29, 2005)	\$25,500,000,000	725,000	
Hurricane Rita (September 24, 2005)	\$3,500,000,000	205,000	
Hurricanes Katrina and Rita Combined	\$29,000,000,000	930,000	

1 LDI estimate; no adjustment for inflation.









#### **25 YEARS<sup>1</sup> OF HOMEOWNER WRITTEN PREMIUMS:**

### \$13 BILLION

### 25 YEARS<sup>1</sup> OF HOMEOWNER PROFITS FROM OPERATIONS<sup>2</sup>:

### Less than \$1 BILLION

### HURRICANE KATRINA HOMEOWNER PAID LOSS<sup>3</sup>:

### **\$ 8 BILLION**

25 year figures are ending with year-end 2005; 1981-1985 WP estimated by Louisiana Department of Insurance.
2 Estimated by Louisiana Department of Insurance and based on NAIC's "Total Profit on Operations" in ouisiana.
3 Estimated by Louisiana Department of Insurance.



### Post-Katrina/Rita Louisiana Insurance Company Insolvencies

# ZERO!



# Top 10 Most Costly Hurricanes in the United States (\$ Millions)

				Estimated Insured Loss <sup>1</sup>	
Rank	Date	Location	Hurricane	Dollars when Occurred	In 2014 Dollars <sup>2</sup>
1	Aug. 25-30, 2005	AL, FL, GA, LA, MS, TN	Katrina	\$41,100	\$48,400
2	Aug. 24-26, 1992	FL, LA	Andrew	\$15,500	\$23,800
3	Oct. 28-31, 2012	CN, DC, DE, FL, GA, KY, MA, MD, ME, MI, NC, NH, NJ, NY, OH, PA, RI, SC, TN, VA, VT, WV	Sandy	\$18,750	\$19,300
4	Sep. 12-14, 2008	AR, IL, IN, KY, LA, MO, OH, PA, TX	lke	\$12,500	\$13,500
5	Oct. 24, 2005	FL	Wilma	\$10,300	\$12,100
6	Aug. 13-14, 2004	FL, NC, SC	Charley	\$7,475	\$9,100
7	Sep. 15-21, 2004	AL, DE, FL, GA, LA, MD, MS, NJ, NY, NC, OH, PA, TN, VA, WV	Ivan	\$7,110	\$8,600
8	Sep. 17-22, 1989	GA, NC, PR, SC, VA, U.S. Virgin Island	Hugo	\$4,195	\$7,100
9	Sep. 20-26, 2005	AL, AR, FL, LA, MS, TN, TX	Rita	\$5,627	\$6,600
10	Sep. 3-9, 2004	FL, GA, NC, NY, SC	Frances	\$4,595	\$5,600

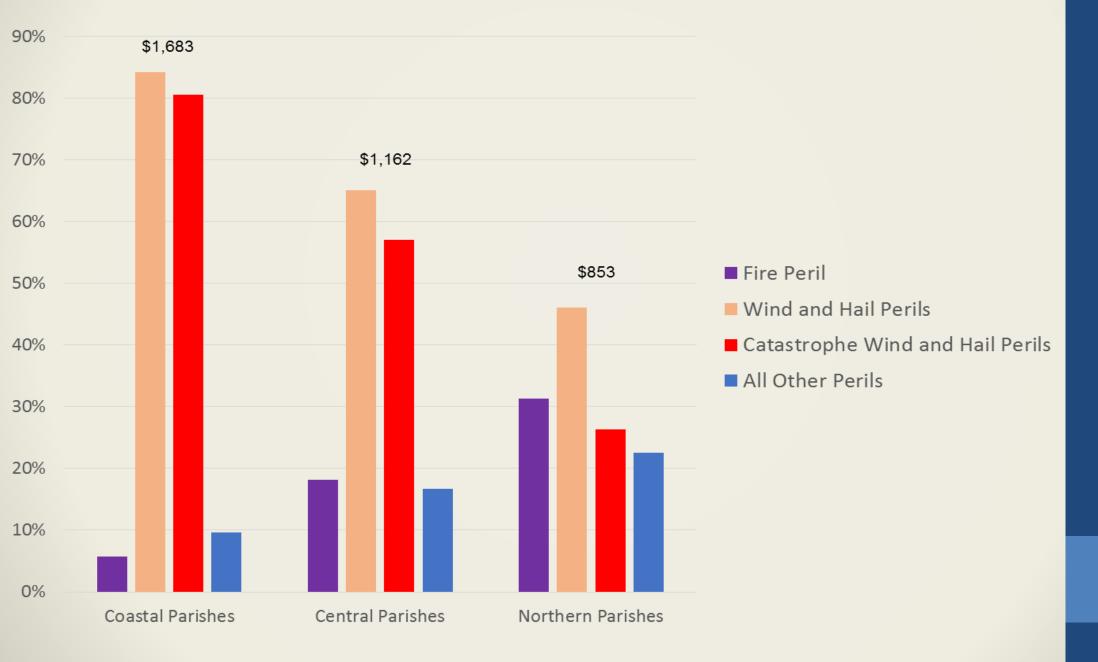
1 Property coverage only. Does not include flood damage covered by the federally administered National Flood Insurance Program. 2 Adjusted to 2014 dollars.

Source: Verisk Analytics' Property Claim Services unit (PCS); U.S. Bureau of Labor Statistics.

### Coastal Parishes Most Frequently Hit by Hurricanes 1960 - 2008

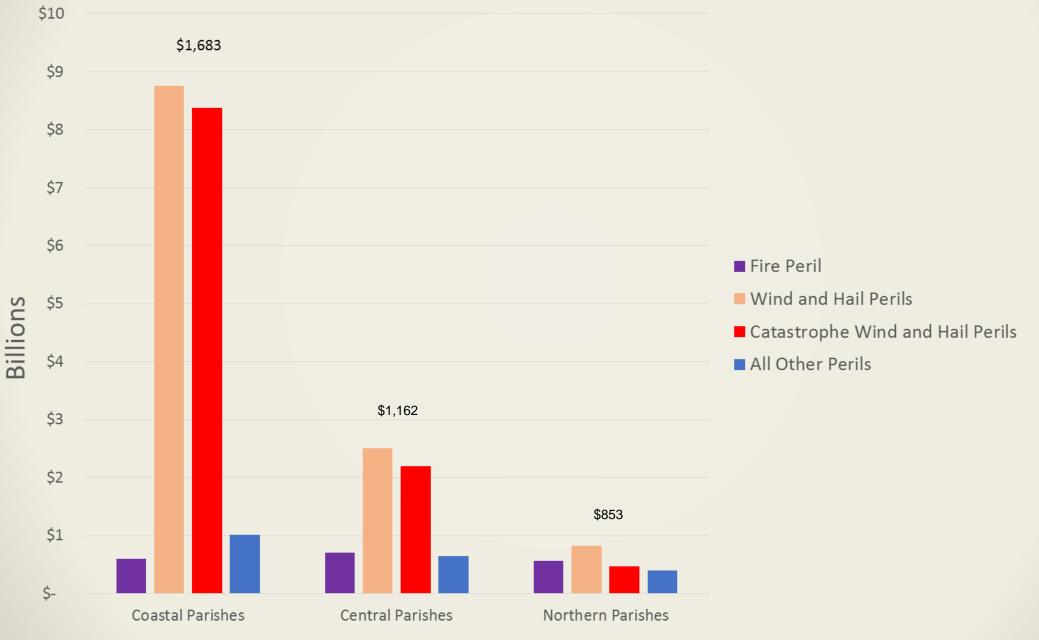
Parish/County	State	Number of Hurricanes	Percent Change in Population, 1960-2008
Monroe County	Florida	15	51%
Lafourche Parish	Louisiana	14	67%
Carteret County	North Carolina	14	104%
Dare County	North Carolina	13	466%
Hyde County	North Carolina	13	10%
Jefferson Parish	Louisiana	12	109%
Palm Beach County	Florida	12	455%
Miami-Dade County	Florida	11	157%
St. Bernard Parish	Louisiana	11	17%
Cameron Parish	Louisiana	11	5%
Terrebonne Parish	Louisiana	11	79%

### Louisiana Residential Property Distribution of Loss by Peril (2004–2014)



source: LDI - Act No. 427 of the 2014 Regular Session of the Louisiana Legislature

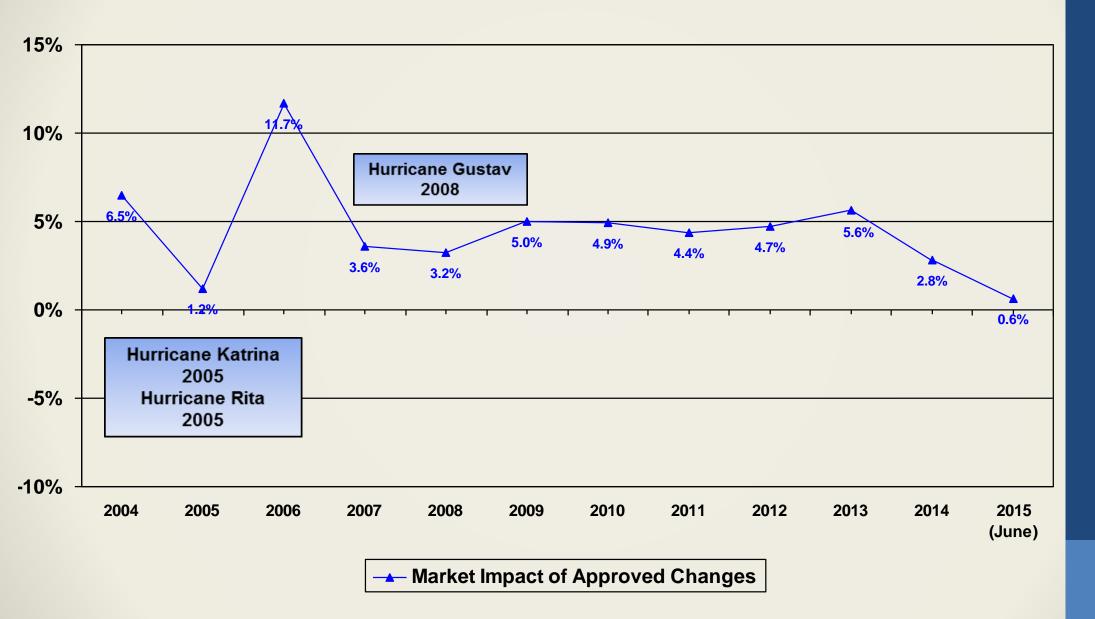
### Louisiana Residential Property Distribution of Loss by Peril (2004–2014)



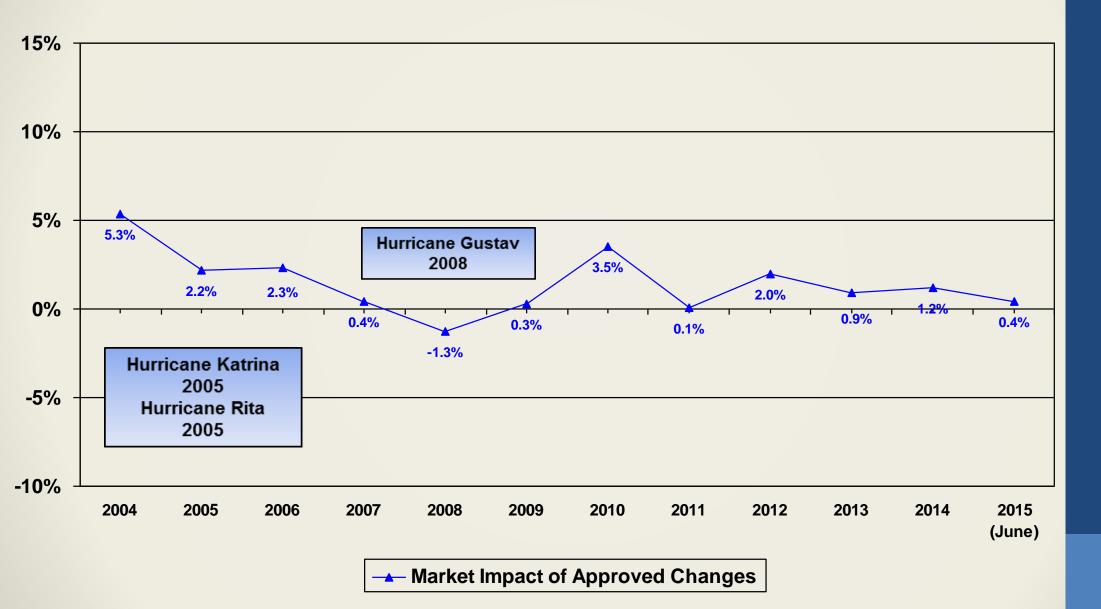
source: LDI - Act No. 427 of the 2014 Regular Session of the Louisiana Legislature

### Market Impact of Approved Rate Changes

#### Homeowners



### Market Impact of Approved Rate Changes Commercial Multi-Peril



### Insurance is a business!

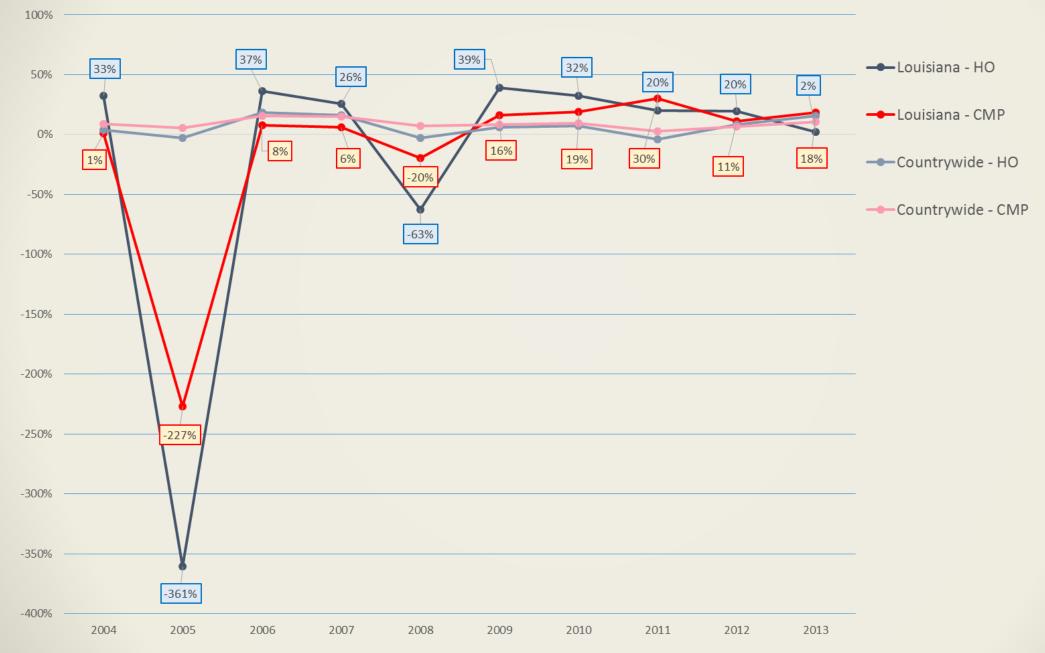
...and like ANY business, this equation must hold...

### Dollars IN = Dollars OUT

=

Premium Collected Fees Collected Investment Income Claim Costs Operating Costs Reasonable Profit



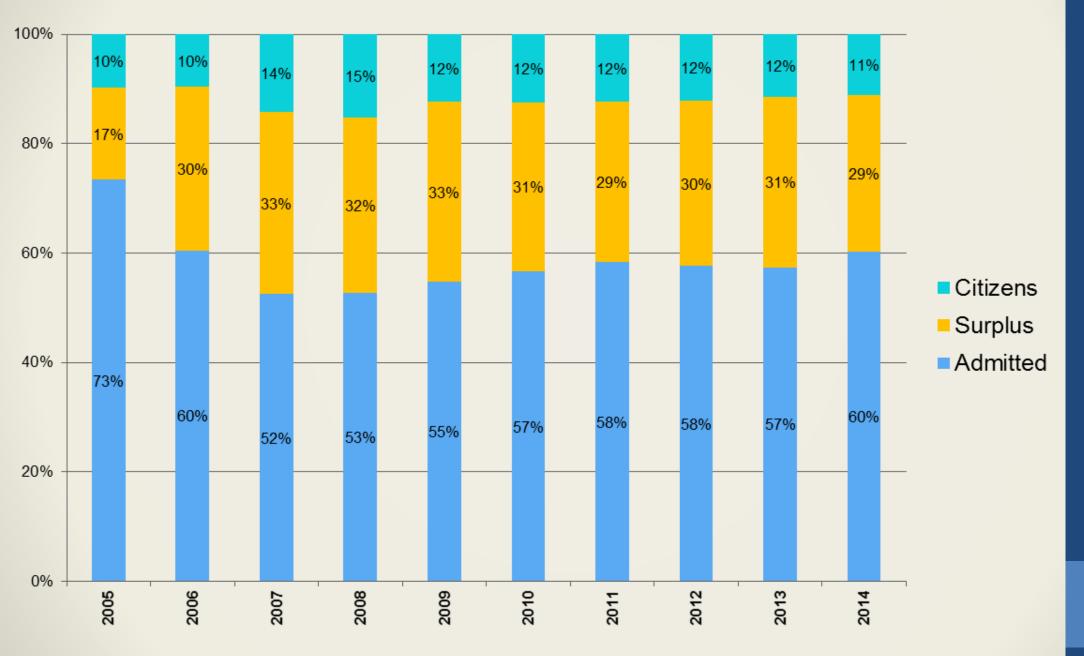


### Market Share by Company Type Homeowners<sup>1</sup>



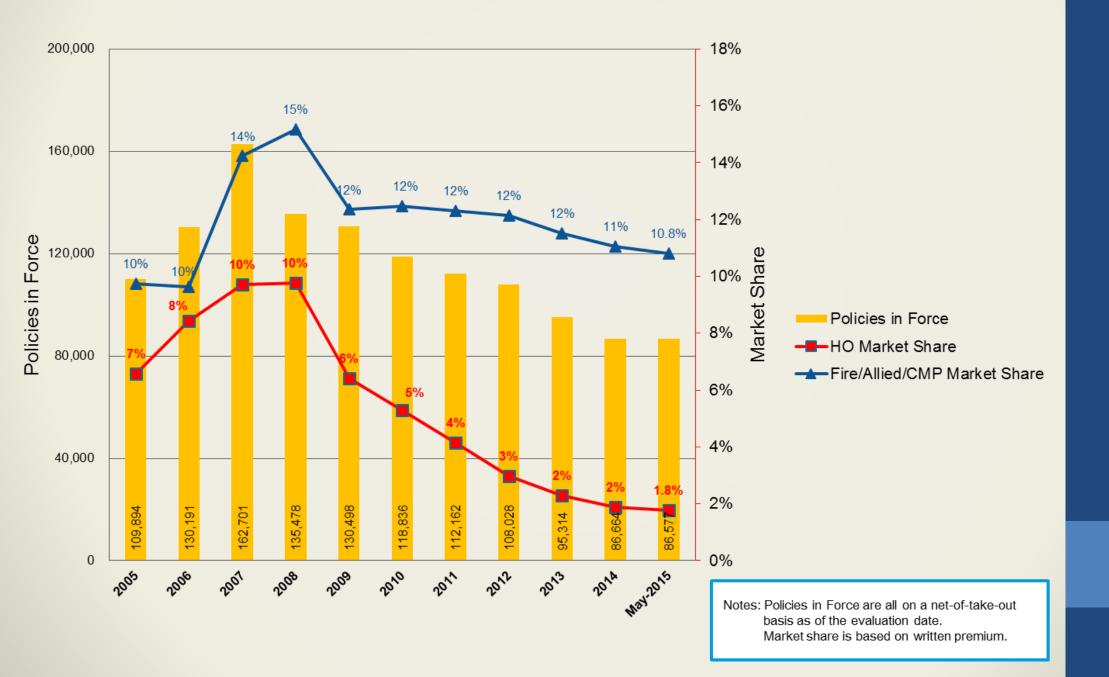
1 Homeowners is annual statement line 4 only. source: LDI – annual statement, state page

### Market Share by Company Type Fire/Allied/CMP Combined<sup>1</sup>



1 Fire/Allied/CMP is annual statement lines 1, 2.1 and 5.1 combined. source: LDI – annual statement, state page.

### Louisiana Citizens Property Insurance Corporation Policies in Force with Market Share



### Louisiana

### Some Insurance Facts

	2005	2014	Percent Change
Premium Taxes Paid (all P&C) <sup>1</sup>	\$ 301 Million	\$ 388 Million	+29%
Direct Written Premiums (all P&C) <sup>1</sup>	\$ 7.8 Billion	\$ 10.8 Billion	+38%
Direct Written Premiums (HO) <sup>1</sup>	\$ 1.1 Billion	\$ 1.8 Billion	+64%
Direct Written Premiums (Commercial Property) <sup>1</sup>	\$ 0.6 Billion	\$ 1.2 Billion	+100%
Active HO Insurance Companies <sup>2</sup>	38	54	+42%
Active Commercial Insurance Companies <sup>2</sup>	104	122	+22%
Value of Insured Coastal Properties	\$224.4 Billion	\$302.3 <sup>3</sup>	+35%

1 Annual statement, state page.

2 Company Groups with written premium at calendar year end.

3 AIR Worldwide, year end 2013; adjusted 3% to get to 2014.

### Homeowners

### Change in Market Share 2005 to 2014

#### Top 25

	2014	2005 Markat	2014 Markat	Change in Market Share from
Group Name	Rank	Market Share	Market Share	Change in Market Share from 2005 to 2014
STATE FARM GRP	1	31.7%	27.5%	-13%
ALLSTATE INS GRP	2	20.0%	13.4%	-33%
LIBERTY MUT GRP (Liberty/Safeco)	3	4.2%	7.4%	76%
SOUTHERN FARM BUREAU CAS GRP	4	6.8%	5.8%	-16%
UNITED SERV AUTOMOBILE ASSN GRP	5	3.1%	4.9%	57%
ARX HOLDING CORP GRP (ASI)	6	0.0%	4.8%	NEW since 2005
LIGHTHOUSE PROP INS CORP	7	0.0%	2.5%	NEW since 2005
ZURICH INS GRP (Farmers/Foremost)	8	4.1%	2.0%	-51%
LOUISIANA CITIZENS PROP INS CORP	9	6.5%	1.9%	-71%
CENTAURI SPECIALTY INS CO	10	0.0%	1.5%	NEW since 2005
CHUBB INC GRP	11	1.2%	1.5%	26%
DELEK GRP (Republic)	12	0.8%	1.5%	77%
SHELTER INS GRP	13	1.5%	1.5%	-5%
SOUTHERN FIDELITY INS CO INC	14	0.0%	1.4%	NEW since 2005
AMERICAN NATL FIN GRP	15	2.1%	1.4%	-35%
MUNICH RE GRP (American Modern)	16	1.8%	1.4%	-25%
KINGSWAY GRP (Maison)	17	0.0%	1.2%	NEW since 2005
GULFSTREAM PROP & CAS INS CO	18	0.0%	1.2%	NEW since 2005
ASSURANT INC GRP (American Bankers)	19	0.5%	1.2%	147%
GEOVERA HOLDINGS INC GRP	20	0.0%	1.1%	NEW since 2005
AMERICAN INTL GRP	21	1.6%	1.1%	-33%
ACCESS HOME INS CO	22	0.0%	1.1%	NEW since 2005
IAT REINS CO GRP (Occidental)	23	0.0%	1.1%	NEW since 2005
TRAVELERS GRP	24	3.2%	1.0%	-69%
ALLIANZ INS GRP (Fireman's Fund)	25	1.4%	0.9%	-32%

source: LDI - annual statement

### Commercial Property

### Change in Market Share 2005 to 2014

#### Top 25

	2014	2005 Market	2014 Market	Change in Market Share from
Group Name	Rank	Share	Share	2005 to 2014
LOUISIANA CITIZENS PROP INS CORP	1	9.73%	11.04%	13%
ZURICH INS GRP	2	6.12%	8.58%	40%
AMERICAN INTL GRP	3	4.26%	5.44%	28%
LIBERTY MUT GRP	4	5.00%	4.34%	-13%
NATIONWIDE CORP GRP	5	2.45%	4.15%	69%
STATE FARM GRP	6	4.96%	4.11%	-17%
ASSURANT INC GRP	7	2.08%	3.34%	60%
ACE LTD GRP	8	2.77%	3.31%	19%
TRAVELERS GRP	9	9.10%	2.73%	-70%
FM GLOBAL GRP	10	4.02%	2.23%	-45%
ALLEGHANY GRP	11	2.43%	2.23%	-8%
QBE INS GRP	12	0.24%	2.18%	793%
SWISS RE GRP	13	0.84%	2.04%	142%
MUNICH RE GRP	14	2.41%	1.90%	-21%
CNA INS GRP	15	3.77%	1.84%	-51%
GUIDEONE INS GRP	16	1.35%	1.76%	30%
SOUTHERN FIDELITY INS CO INC	17	0.00%	1.72%	NEW since 2005
ARCH INS GRP	18	0.55%	1.71%	208%
ALLIANZ INS GRP	19	2.68%	1.70%	-37%
ACCESS HOME INS CO	20	0.00%	1.63%	NEW since 2005
LIGHTHOUSE PROP INS CORP	21	0.00%	1.57%	NEW since 2005
DOW CHEM GRP	22	2.62%	1.27%	-52%
SOUTHERN FARM BUREAU CAS GRP	23	1.83%	1.26%	-31%
CHURCH MUTUAL	24	1.36%	1.19%	-13%
CHUBB INC GRP	25	1.17%	1.12%	-4%

1 Commercial Property includes annual statement lines fire, allied lines, and commercial multi-peril non-liability.

## Questions?

### Richard N. Piazza

Chief Actuary Louisiana Department of Insurance

August 11, 2015

