	•
Party 1,177	
TITL 12 (by Instrument on Insurrance)	
What's the Impact on Insurance?	
Terri Dalenta, FCAS, MAAA	
Casualty Actuarial Society Annual Meeting, November 7-9, 2011	
	1
The Price of Oil and Insurance	
1110 11100 01 011 0110 1110	
The Francis Connection	
 The Economy Connection 	
 Impact of Scarcity of Oil 	
•	
	<u></u>
▷ 2	
	٦
Recession (USA)	
TCCCSSIOII (OCH)	
" a significant decline in economic activity spread	
across the economy lasting more than a few months,	
across the economy rasing more than a row mortals,	
normally visible in a real GDP, real income,	
employment, industrial production, and wholesale-	
retail sales."	
http://www.nber.org/	
парличиливнову	
D 3	

The Price of Oil and Recessions

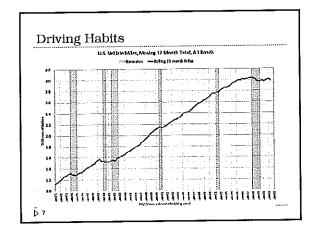
Last six recessions November 1973 – March 1975 January 1980 – July 1980 July 1981 – November 1982 July 1990 – March 1991 March 2001 – November 2001 December 2007 – June 2009

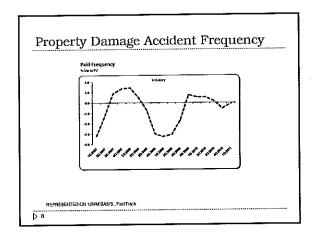
Price of all 6 months prior
Hising steeply
Rising steeply
Flat
Flat
Flat to Rising
Rising steeply

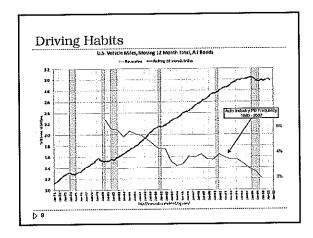
Recessions do not require rising oil prices, but rising oil prices tend to be followed by recession

D 4

The Economy and Insurance -Review of Research Strong correlations Reaf GDP Consumer Price Index Automobile frequency 1st party 3rd party N/A Homeowners frequency N/A N/A Homeowners severily + + Workers compensation + frequency Workers compensation severity ₽ 6







Consumer Spending	
➤ Reduced disposable income	
 Insured elect higher deductibles, lower limits Reduced property maintenance 	
Use of disposable income	
D 10	
Industrial Production	
Cliff Risk: Increased corporate bankruptcies due to	
increased cost of goods sold and asset losses Asset write downs, arguably heavier in Municipal	
Bonds Financial guaranty, D&O losses Increased insolvency fund assessments	
and the second s	
D ii	
The Deer of Olympia	
The Pace of Change • Environmentally conscious public	
› Solar panels, charging stations	
Technology Autonomous cars, Telematics	
Reinventing Insurance New methods of oil drilling	
 Protecting value versus protecting property 	
N. 60.	

And just some thoughts	
 Is the price of our products fundamentally driven by the natural resource consumption of the products? Asphalt, Synthetic rubber, Synthetic fibers 	
 How much of unexpected variation is a function of the economy or natural resources? New York PIP Florida sinkholes 	
<u>γ</u> 13	

	*	 	
		•	
		•	
$oldsymbol{\cdot}$			
		•	