Actuarial Issues with Ride Sharing Exposure

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Agenda

- Overview of the Sharing Economy
- Sharing Economy Sectors
- Ridesharing
- Ridesharing Insurance Challenges and Regulations
- Pricing
- Reserving
- Other Insurance Issues
- Future of Sharing Economy
- Questions



Overview of the Sharing Economy]
Definition Optimization of resources through the mutualization of excess	-
capacity in goods and services using information technology What conditions made this type of economy possible	
Low cost structureFamiliarity with technology and ease of use	
Willingness to share resources	
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SHARING	
ECONOMY	
SECTORS	
Have you used any Sharing services?	1
inave you used any onaming services:	
A No	
Ridesharing Car sharing	
Home sharing Other are reported to a control of the contr	
Other or more than one peer-to-peer service	
Polling Question #1	
Politing Question #1	

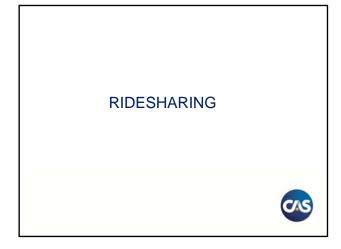




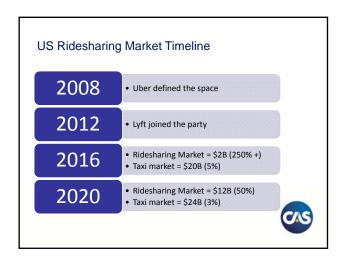


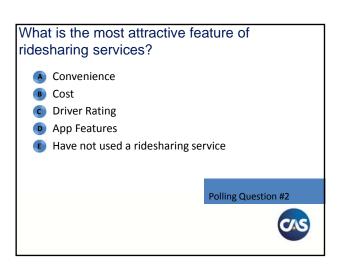


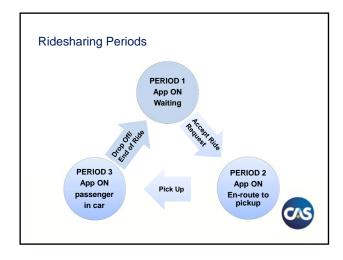




Ridesharing or Transportation Network Companies (TNC) • Filling need • Tech-Enabled version of car pooling • Alternative to: - Driving/owning a car - Public transportation - Taxi





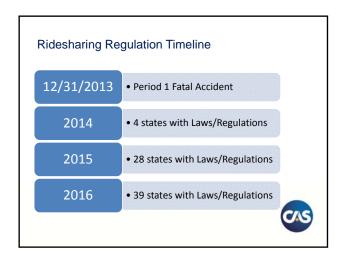


RIDESHARING
INSURANCE
CHALLENGES
and REGULATIONS

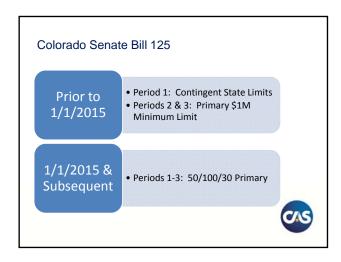


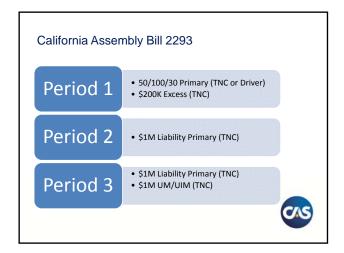
Ridesharing – Insurance Challenges

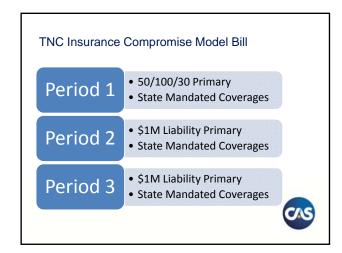
- Constantly changing
 - No TNC insurance creating a gap when primary carriers denied
 - TNC insurance is on an excess basis
 - TNC insurance is on a primary basis
- Varying regulation by State
 - Driver mode (period 1) liability usually on a split limit basis (most states at \$50K / \$100K)
 - Passenger mode (periods 2/3) liability usually on a single limit basis (most states at \$1M)
 - Physical damage not as regulated usually for a high deductible (\$2,500)

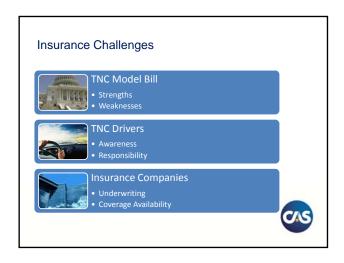












What is your company's involvement in the sharing economy? A Revised policy language to exclude coverage Considering adding program	
 Coverage is available for TNC Coverage is available for TNC drivers Other 	
Polling Question #3	
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PRICING	
	1
Pricing Challenges Low Credibility Industry Benchmarks	
• Competitor Analysis Technology • UBI • Self-Driving	
Premium Rating Variables Mileage Overlap	

Considerations

- Personal Auto or Taxi
- Inconsistent driver base
- Mileage
- Location
- Time of day
- Distracted driving
- Environment
- Behavior
- Telematics / driver scoring
- Vicarious liability



PRICING DRIVER SOLUTION



California Insurance Company Filings



- Metromile (11/17/2014)
- Farmers (2/23/2015)
- Mercury (7/16/2015)
- USAA (8/11/2015)
- Metropolitan (8/28/2015)
- State Farm (9/28/2015)
- Esurance (12/30/2015)



California Insurance Company Filings Farmers 1.08 all Mercury any 1.00-1.17* 1.00 all Metromile any 1.05-3.25** LYFT 1-3 Metropolitan all State Farm 1.00-1.25* all 1.07 all * Varies by coverage ** Varies by LYFT annual mileage





RESERVING Considerations Lack of history (patterns?) Changing exposure base Growth / new markets Reserving philosophy Changing regulation Vicarious liability Auditors' reactions • Primary vs. Excess Insurance • Captive vs. Corporate Other Insurance Issues Workers Compensation Employee versus Independent Contractor Multiple TNCs

FUTURE OF RIDESHARING	₹	
QUESTIONS?	C/S	
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