Reserving Seminar Taraash Gautam and Catherine Scullion 20 June 2018

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Contents

Catastrophe development and uncertainty

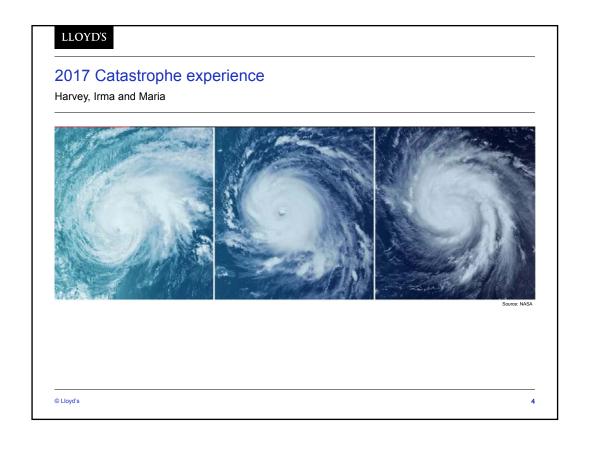
Market trends

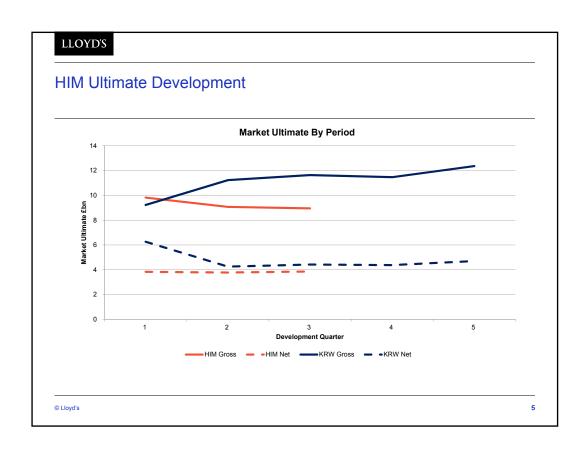
Actuarial Function reporting

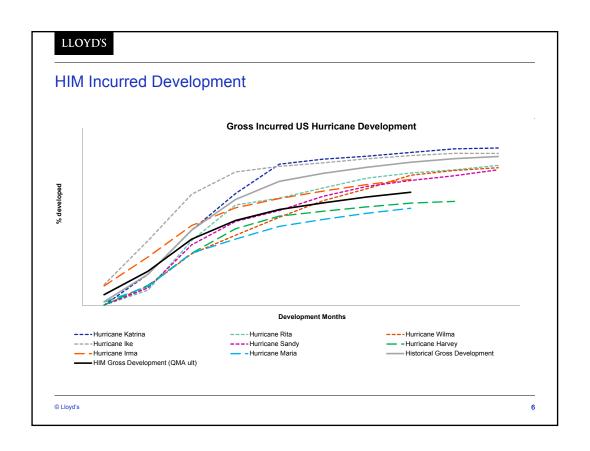
Questions/discussion

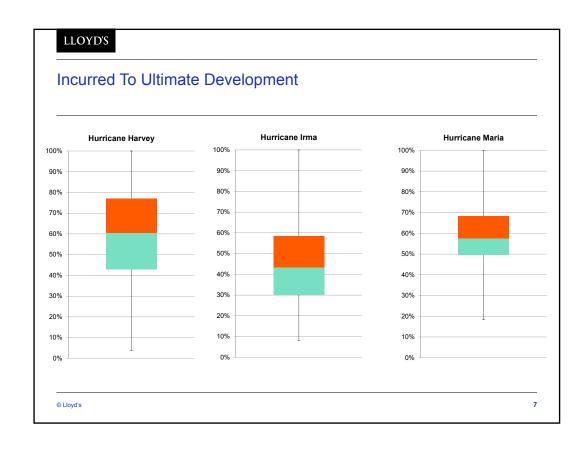
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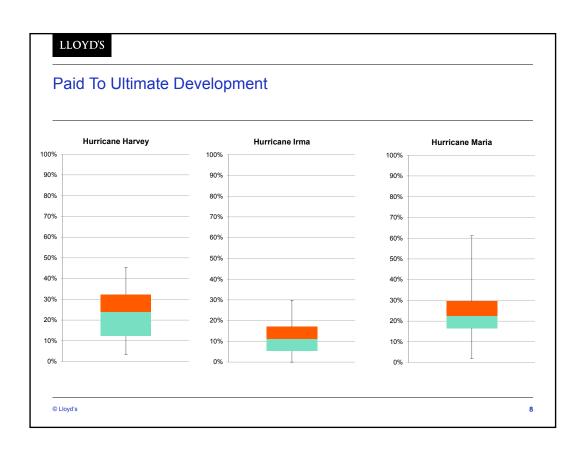
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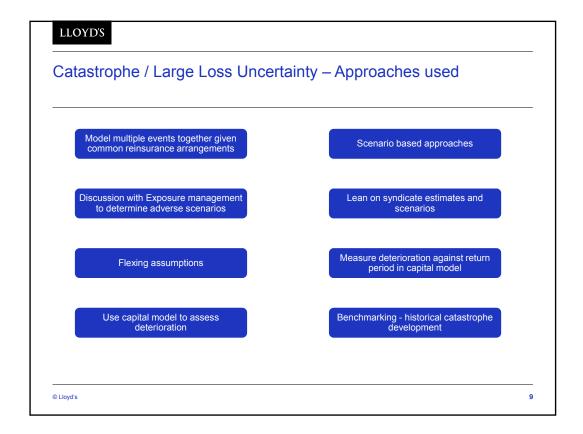


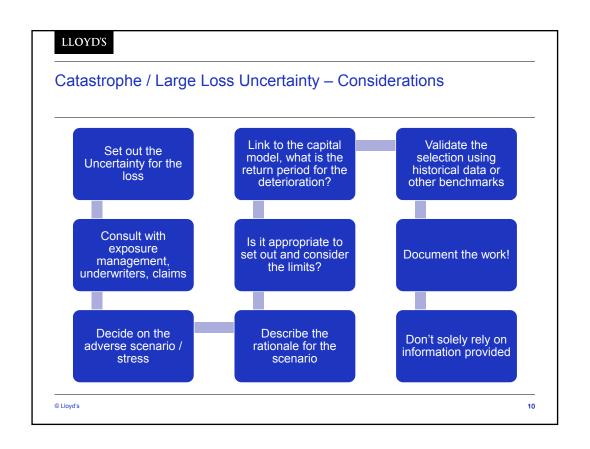


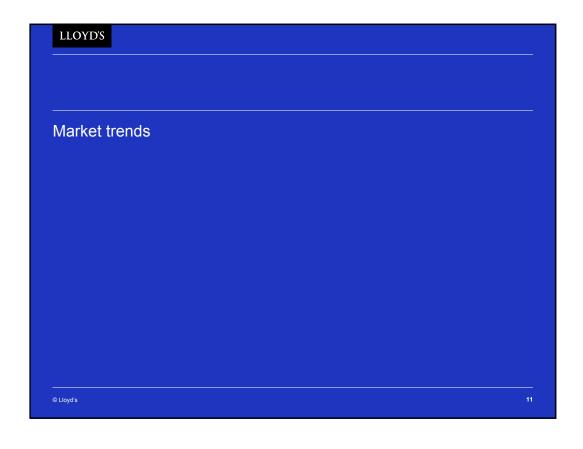


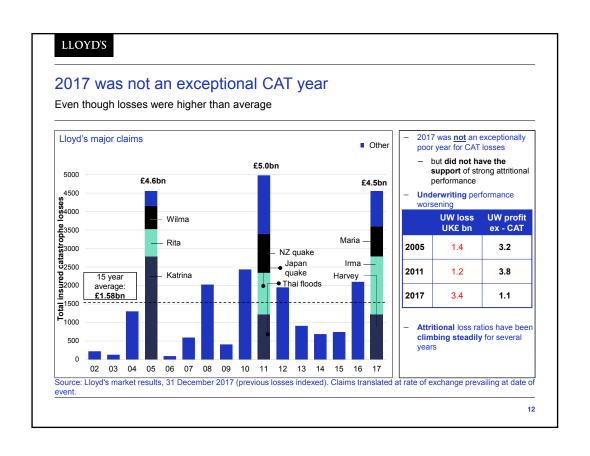


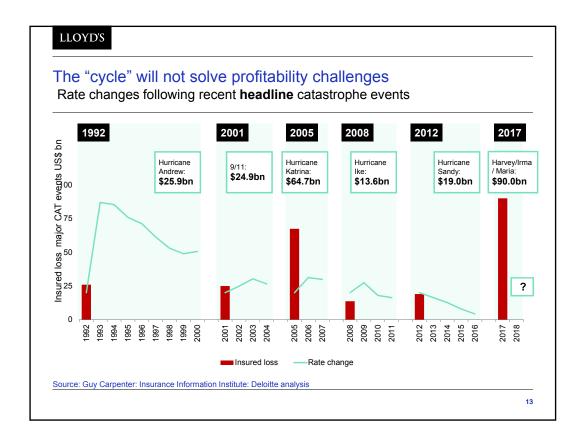












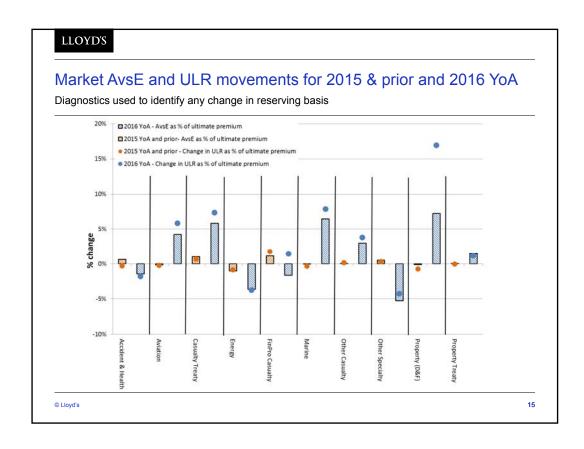
Updating Expectations

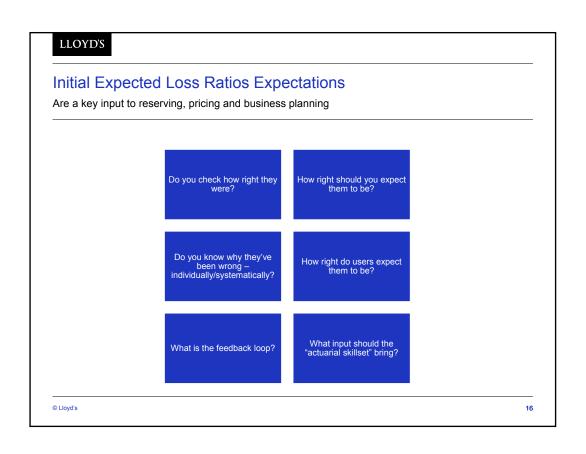
What questions should a (reserving) actuary expect to answer

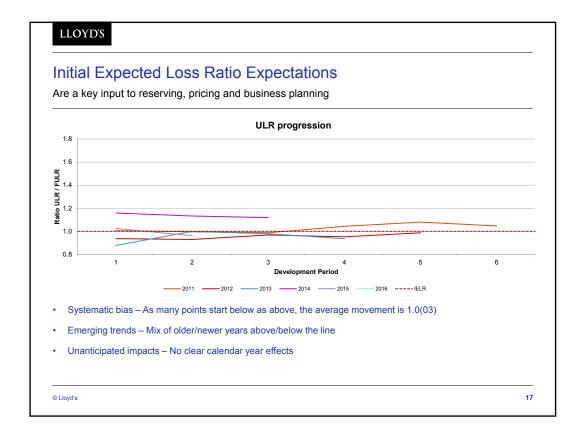
- · Change in loss ratio in absence of unexpected experience is a change in reserving basis
 - Why has it been made?
 - Is it the right amount?
 - Is there a different level of uncertainty?
 - Have other assumptions been updated consistently (patterns etc.)?
 - · How has it been communicated?
 - How has it been fed-in to other areas pricing, business planning, reinsurance, capital?
- Being wrong is a learning opportunity and actuaries are key to taking this
 - Why was the effect/trend/outcome/claims source/level of inflation/reinsurance response/... not anticipated?
 - Could another policy/binder/class/account be affected?
 - How much better/worse could it get?
 - · How does it impact the assumption setting process?
 - Who has ownership of the assumption(s) made?
 - Can you disclaim responsibility for this?
 - Will you lose credibility if the answer is always the same?

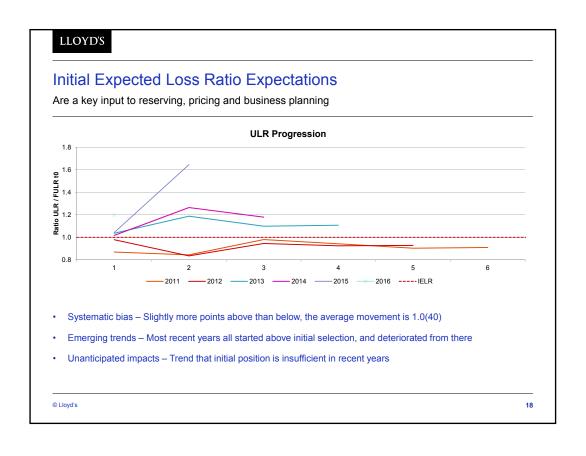
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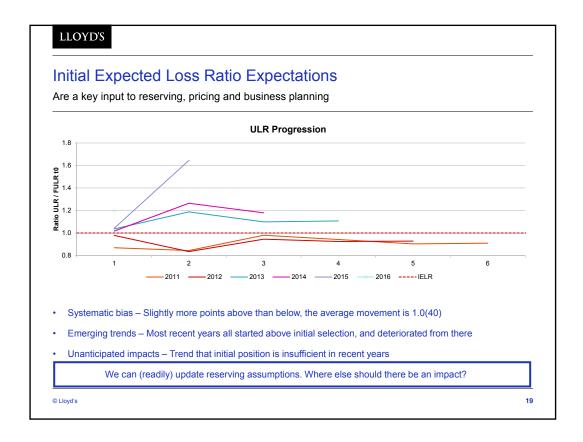
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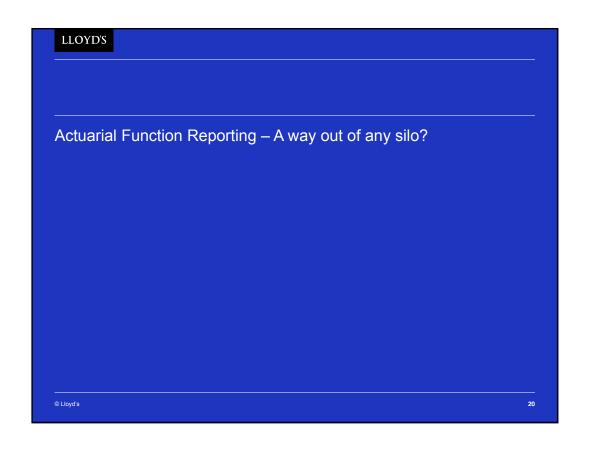












Actuarial Function has two sides for Lloyd's...

Market and Society levels

Reports received from the market

- Two submissions per year
- Self-assessment template of requirements met, reviewed by Lloyd's

Report produced by the Lloyd's Actuarial Function

- Overview of internal Actuarial Function work and outcome from Syndicate report reviews
- (Voluntary) completion of self-assessment template for confidence on compliance

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...Primary purpose of each side is the same

Actuarial Function has two sides for Lloyd's

The Actuarial Function is required to inform the board of the key findings from their work and recommendations to address these

It is a key route for Actuarial work to influence the business

The Actuarial Function Report does not:

- · Have a primarily regulatory audience, it is for the board
- Provide sign-off for business plans/reinsurance purchase it provides an opinion on these for the board to consider
- Include all of the actuarial work undertaken in the year this is too long!

Our message has been consistent in recent reviews...but we haven't seen much action

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Is it a user issue?

We have found NEDs to be an engaged and valuable group

- We held our first NED forums last year
- · We had to hold two sessions due to demand
- NEDs should be informed by the Actuarial Function

As an internal Actuarial Function we have tried to practice what we preach...users are the best judge of our success

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23

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Actuarial Function Primarily seeks to inform users
A user's view – Jon Hancock, Lloyd's Performance Management Director

Lloyd's has lots of information and analysis underlying business plan consideration

The Actuarial Function view provides:

- · Independent perspective
 - · Focus on data and past performance, the art of the possible grounded in reality
- · Clear links to analysis
- · Limitations of data and reliance clearly highlighted
 - Maybe more is possible, but explicitly what is being assumed compared to history in plans
- Appropriate timing of conclusions to be able to influence as decisions are being made

24

Actuarial Function Primarily seeks to inform users A user's view – Jon Hancock, Lloyd's Performance Management Director

The actuary is right . . .

. . . now discuss!

The function is the key driver of 'Lloyd's loss ratios'

How reliable are your loss ratio picks?

What loss ratios are agreed for plans?

How much capital is charged?

Your Board has access to better data than we do

We rely on it

We rely on you to use it

You will get better outcomes by using your actuarial data

They have the context

They understand the initiatives

If the packs are not understandable . . .

change the packs!

My request last week of the Boards . . .

... own your plans

25

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What the NEDs want

WHY?

- Not just statement of facts
- Planning vs actual
- Is it important? Tell us

Embedded in business

- No surprises in documentation
- Review of loss ratios over time for the underwriting opinion
- Careful of working in a silo
- · Have opinions
- Turn recommendations into actions
- Issues regularly flagged in a different format to the Actuarial Function Report

Messaging

- Write the exec summary first
- Conclusions first then method
- Do you have to duplicate?
- Articulate uncertainty / limitations
- Is this a report for the Regulator or the board?
- Robust opinions are important
- Clarity insight vs evidence

Engagement

- Be willing to take on feedback
- Be open to train board members
- Responsive to recommendations

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26

Questions/Comments

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28

