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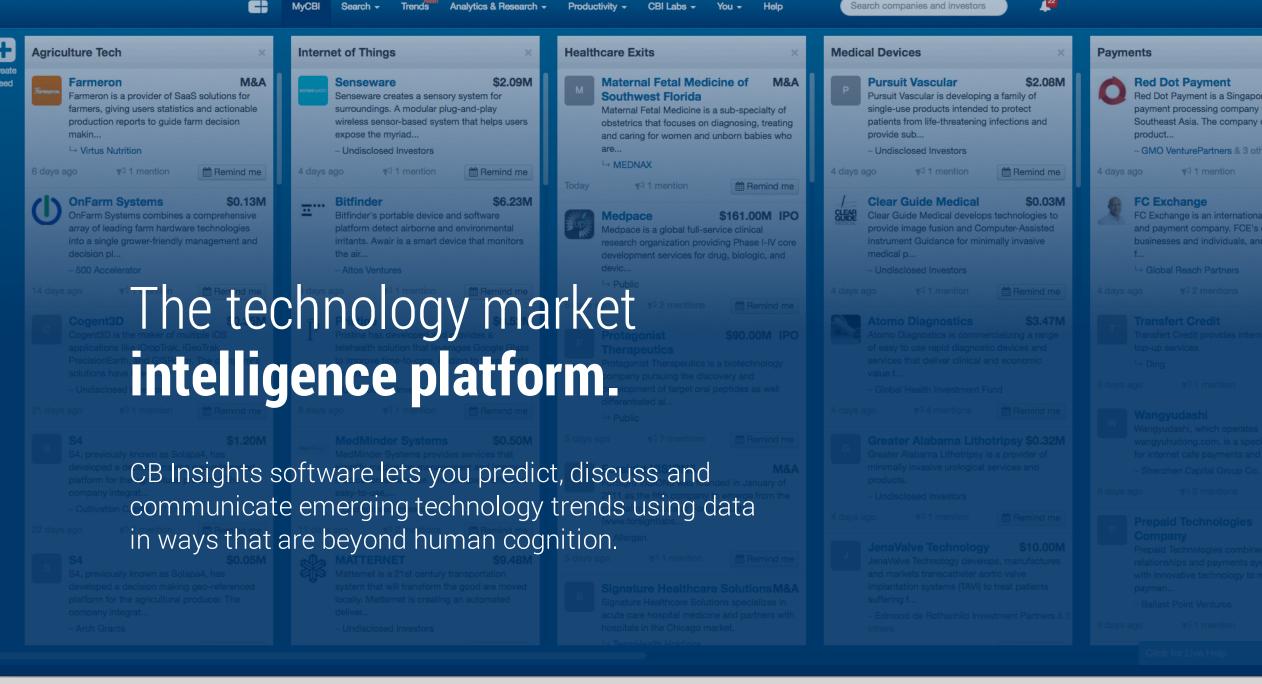
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"With CB Insights we can quickly and reliably aggregate data across the investing landscape, from sector trends to financing activity. The intuitive user interface and robust set of features have made it a go-to resource for our team, and the customer support is second to none..."

#### **Kate Barrett**

Director, New Enterprise Associates



## **ABOUT THE PRESENTER**

#### **Matthew Wong**

Senior Research Analyst, CB Insights

Published analysis and research has been featured in The New York Times, The Wall Street Journal, The Financial Times, Bloomberg and CNBC.

Launched CB Insights insurance tech newsletter, which covers startup and tech trends in the global insurance industry and reaches 11,000+ (re)insurance execs, investors and startup founders.

Graduate of Northwestern University, magna cum laude.





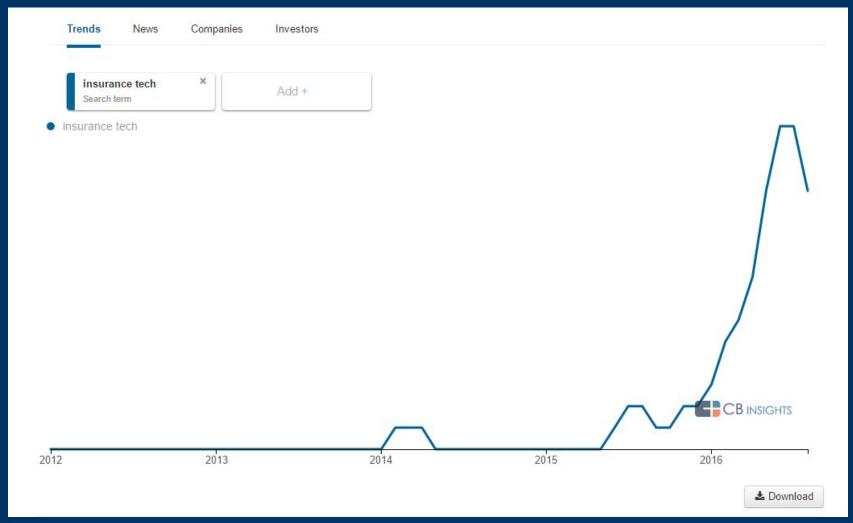


mwong@cbinsights.com

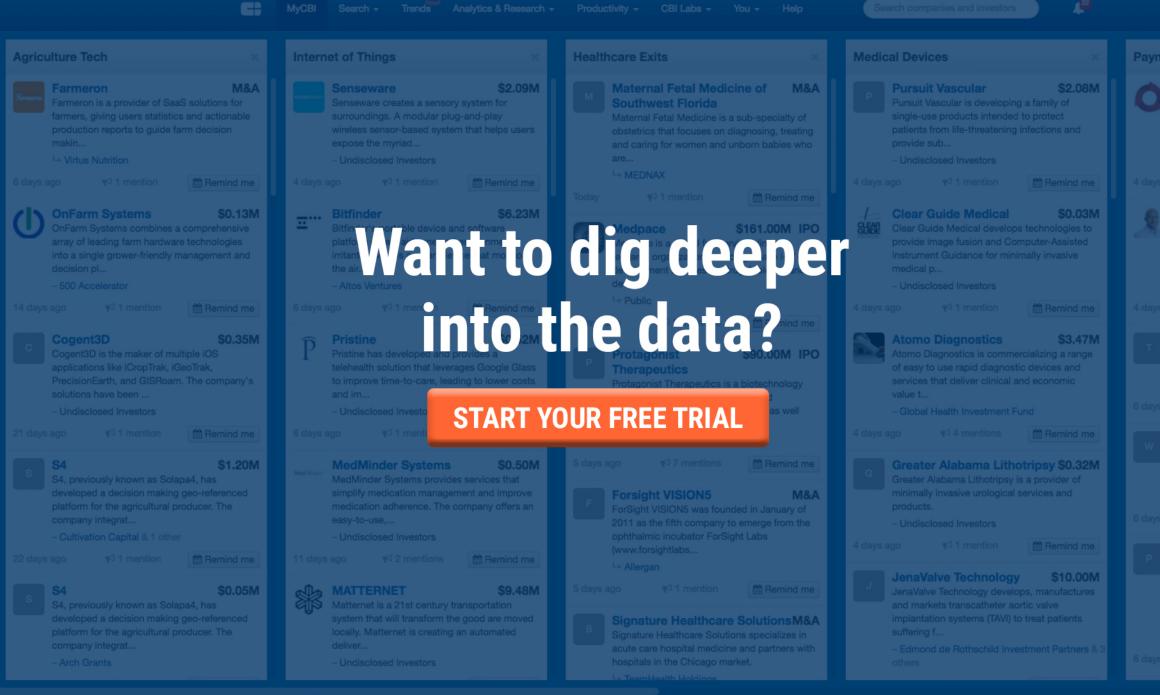
## IN THE NEXT 20-25 MINUTES, WE'LL COVER...

- 1. Private market investment activity in insurance tech
- 2. The latest strategic moves by (re)insurers
- 3. Ecosystem trends & happenings
- 4. Items to look for

## **INSURANCE TECH ATTRACTING PLENTY OF BUZZ...**



Source: CB Insights Trends



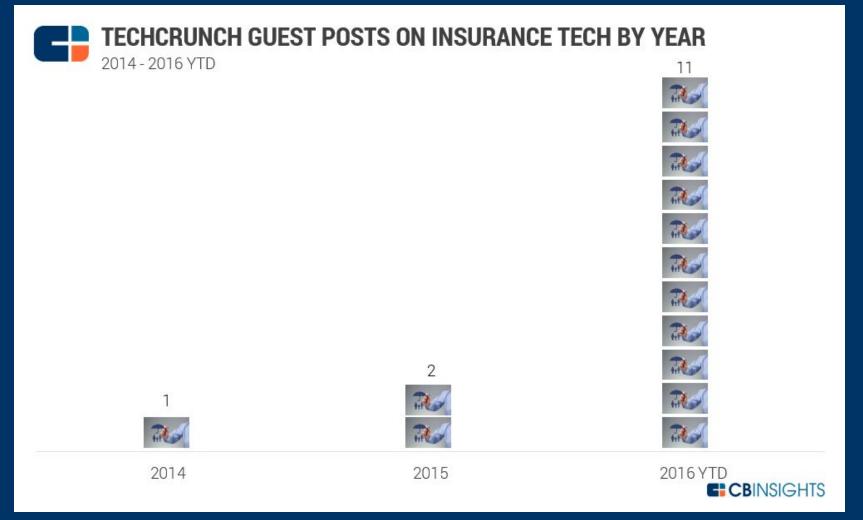








## ...AND PLENTY OF OPINING



Source: TechCrunch archives



## MACRO TRENDS IN INSURANCE TECH INVESTING

# SINCE 2011, INSURANCE TECH COMPANIES RAISED:

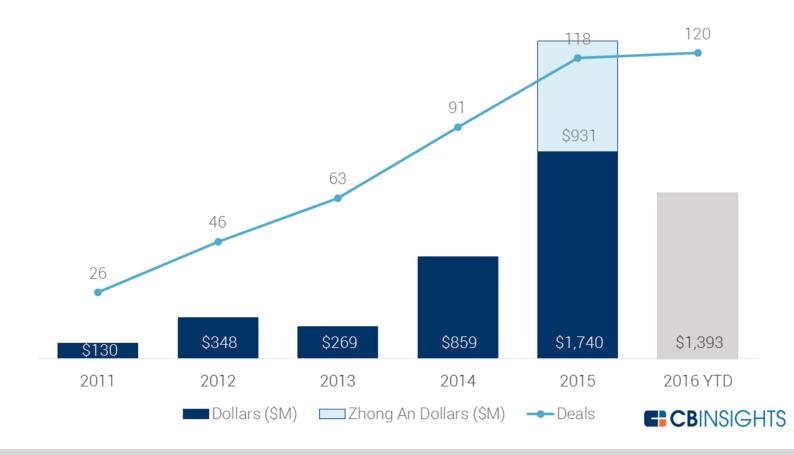
\$5.67 BILLION

**ACROSS** 

464 DEALS

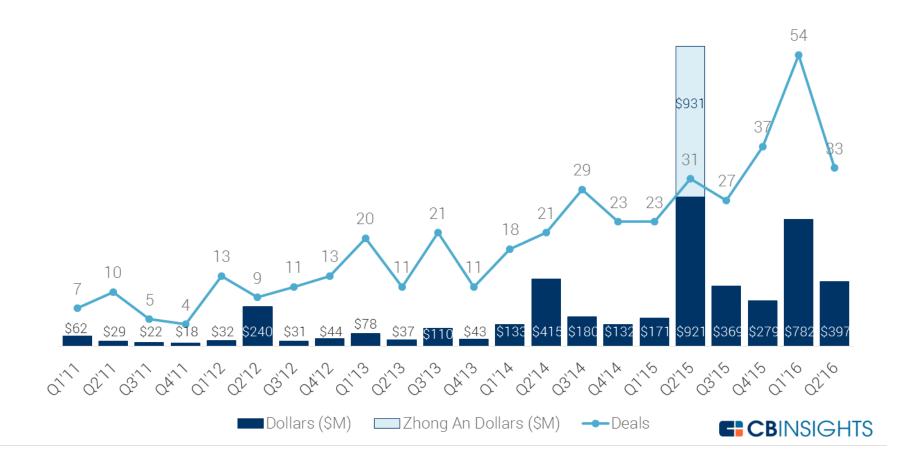
### **INVESTMENT DEALS IN INSURANCE TECH IN 2016 YTD HAVE ALREADY SURPASSED 2015 HIGHS**





#### **INSURANCE TECH DEAL ACTIVITY HIT A HIGH AT Q1'16**

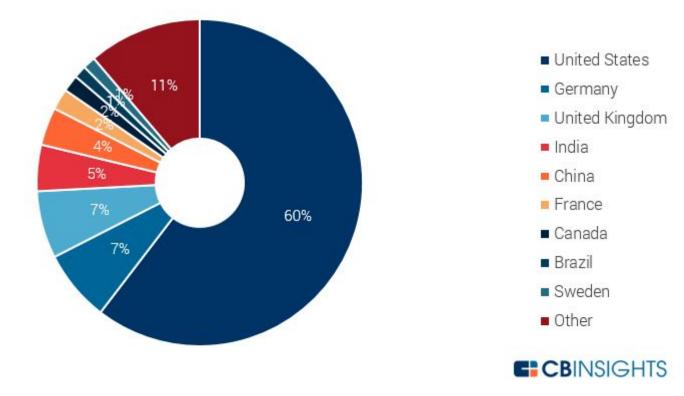
## INSURANCE TECH QUARTERLY FINANCING HISTORY



**CBINSIGHTS** 

#### 60% OF INSURANCE TECH DEALS SINCE THE START OF 2015 WERE IN THE US

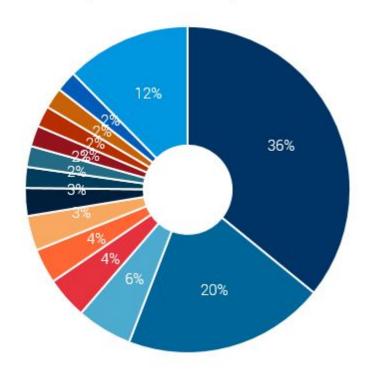




## WITHIN THE US, CALIFORNIA AND NEW YORK TAKE OVER HALF OF ALL INSURANCE TECH DEALS

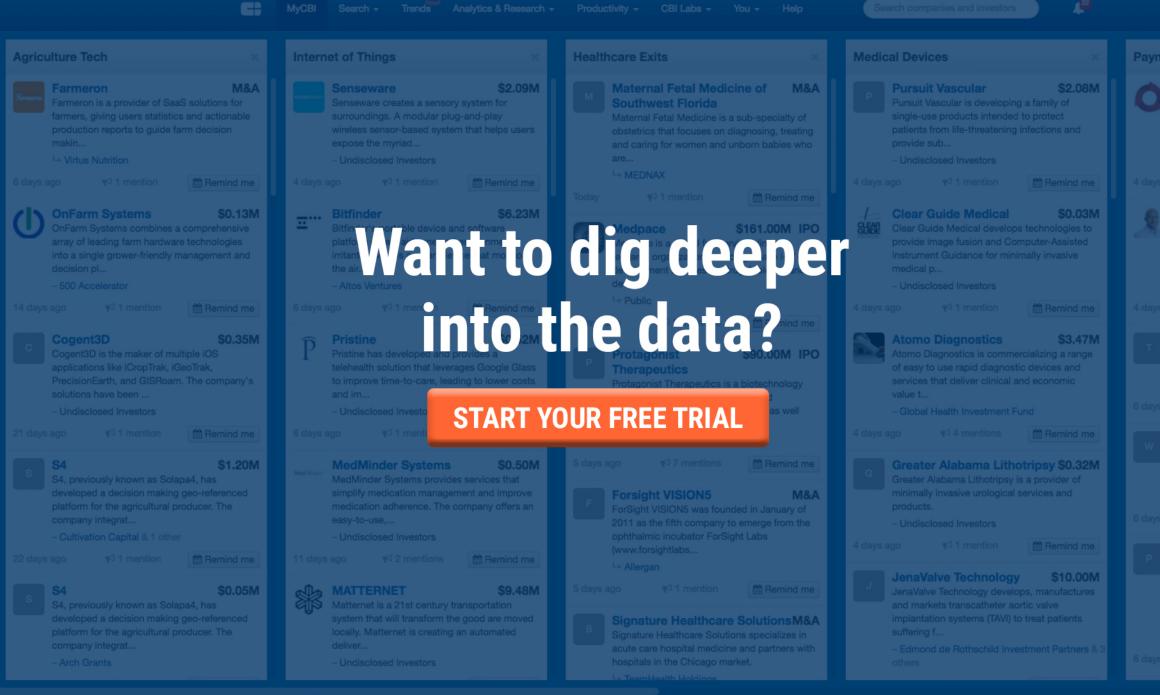
#### INSURANCE TECH DEALS BY GEOGRAPHY: US-ONLY

2015 - 2016 YTD (AS OF 9/26/2016)



- California
- New York
- Massachusetts
- Pennsylvania
- Minnesota
- Texas
- Colorado
- Georgia
- Connecticut
- Illinois
- Wisconsin
- lowa
- Nebraska
- Other







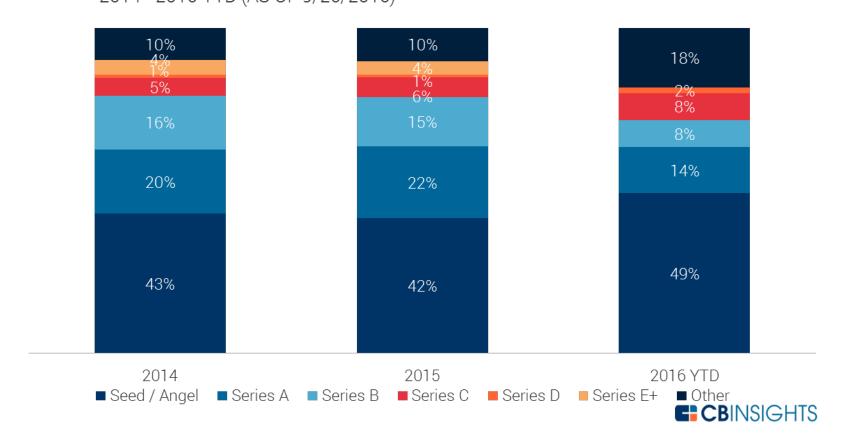






#### HALF OF ALL INSURANCE TECH DEALS IN 2016 YTD ARE AT SEED-STAGE





#### **VENTURE CAPITAL INVESTORS IN INSURANCE TECH: THEN AND NOW**

Traditional and corporate VCs invested in an insurance tech startup in 2012

Traditional and corporate VCs invested in an insurance tech startup in 2016 YTD.

Select active multi-stage VCs in insurance tech:





















Select active early-stage VCs in insurance tech:



















#### FIN TECH-SPECIFIC VENTURE FIRMS HAVE BEEN ACTIVE IN INSURANCE

#### Ribbit Capital

















































CORE

















#### INVESTOR ECOSYSTEM DEVELOPING. CAPITAL IS ABUNDANT

Note: Select investors below not ranked or exhaustive.

**Accelerators** 

**Vertical specific** VCs

> Generalist VCs

**Vertical-specific** corporate VCs

Global (re)insurers

...and much more









































































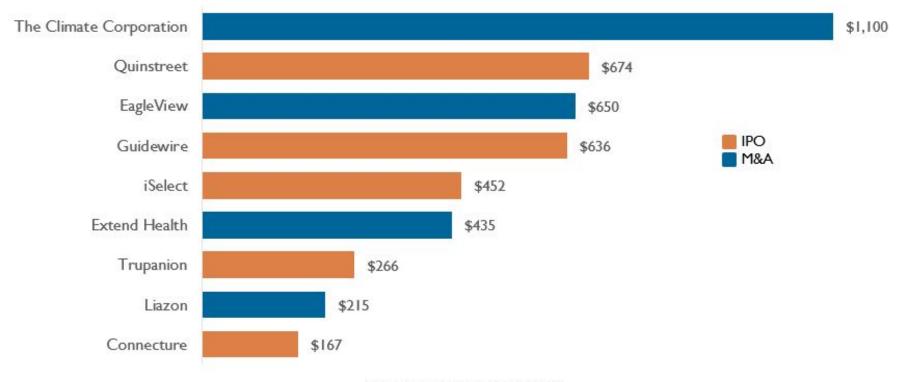




#### FEW MAJOR INSURANCE TECH EXITS TO DATE

#### **Top Venture-Backed Insurance Tech Exits**

2010 - 2016 YTD



Valuation at time of exit (\$M)

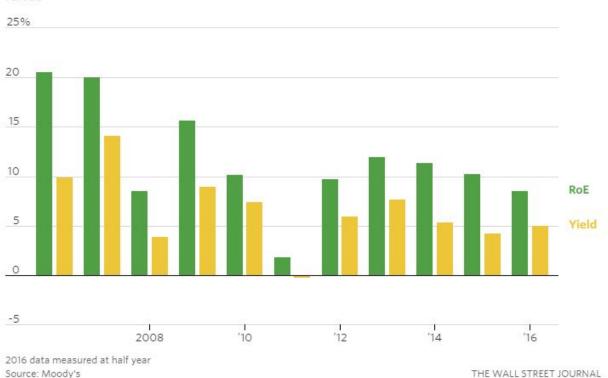
## WHERE (RE)INSURERS ARE MAKING MOVES

#### "THE LOOMING STORM IN INSURANCE"

"The question for property-and-casualty insurers isn't only whether reinsurance pricing will find a floor, but also how much the industry is starting to amplify financial and actuarial risks now."

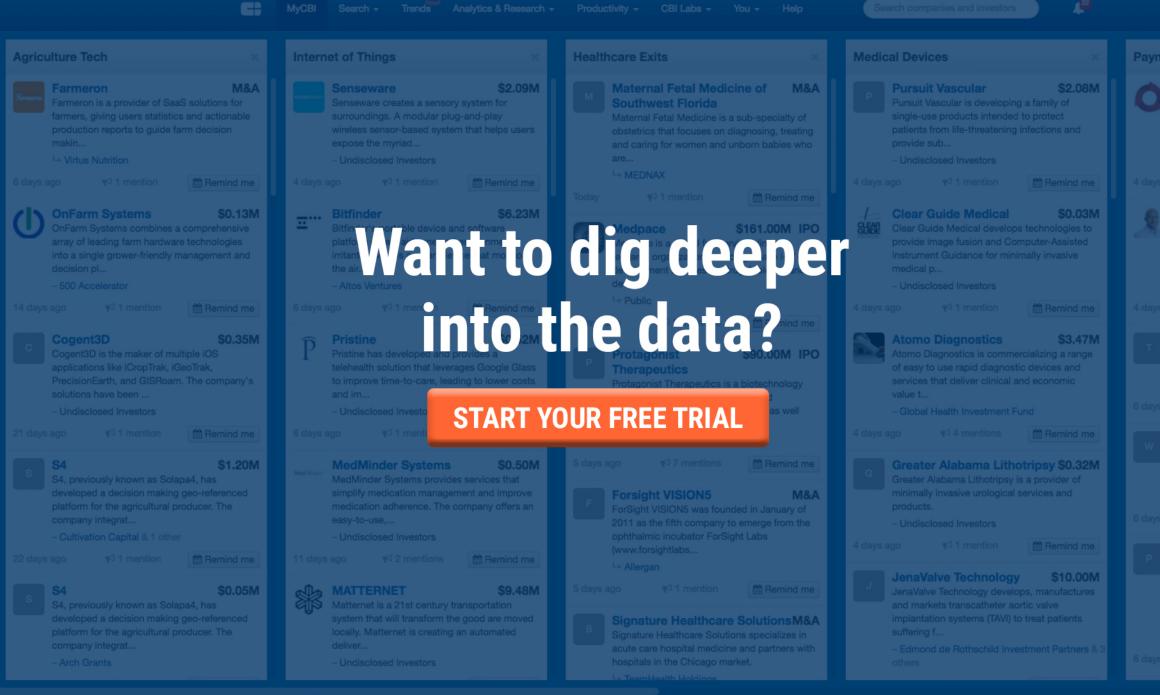
#### Return Pretender

Reinsurance industry median returns on equity versus yields on catastrophe bond funds



Source: WSJ









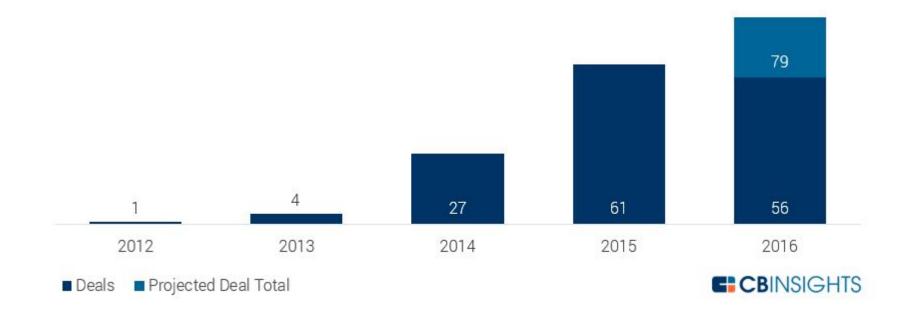




#### (RE)INSURERS GO CORPORATE VENTURING

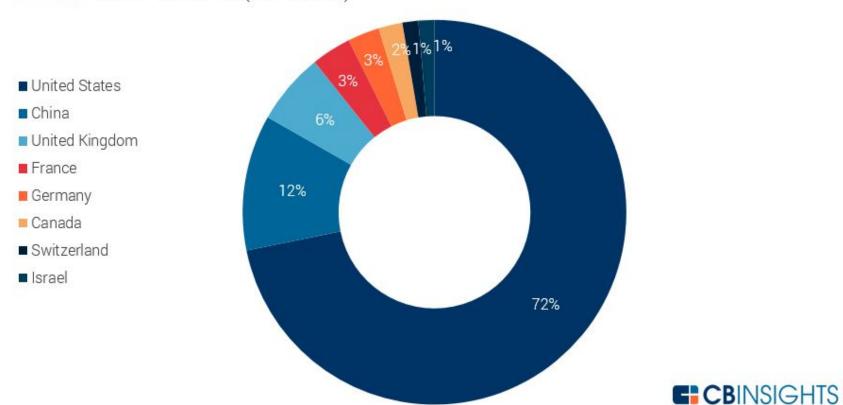
Investments in private tech companies by (re)insurers and their corporate venture arms on pace to rise nearly 20X from 2013 to 2016 at the current run rate.





### **US TECH STARTUPS TAKE OVER 70% OF (RE)INSURER DEALS**

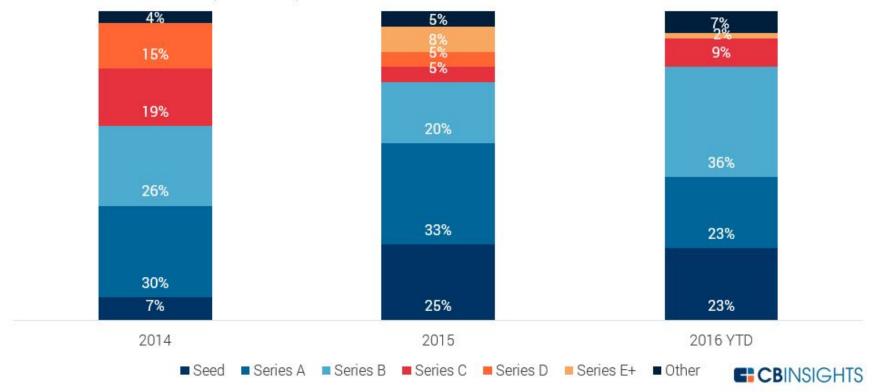




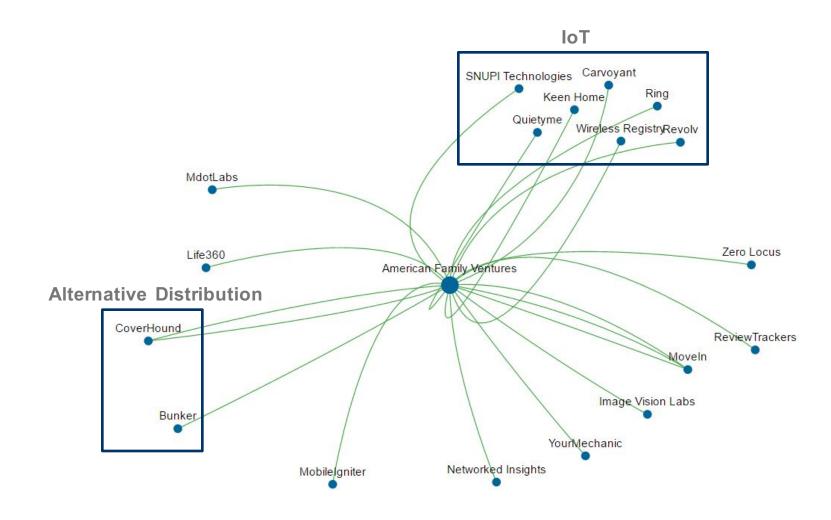
### INSURANCE CORPORATES MORE ACTIVE AT SEED-STAGE THAN AVERAGE **CORPORATE VCS**

In 2015, one-fourth of all tech investment activity by (re)insurers and their corporate venture arms took place at the seed-stage.

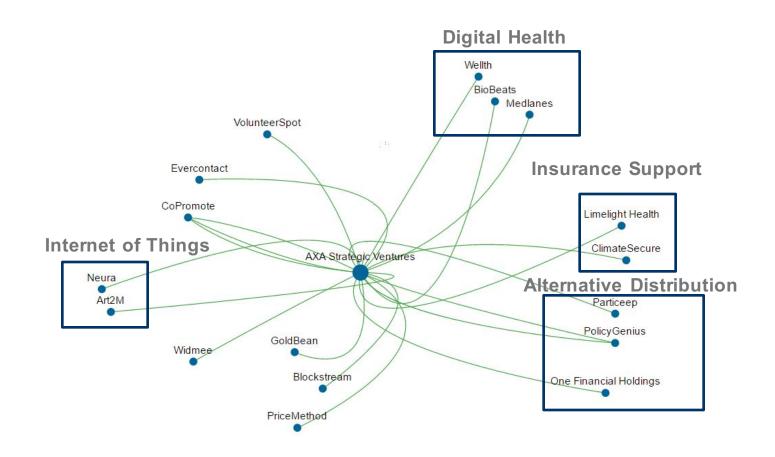




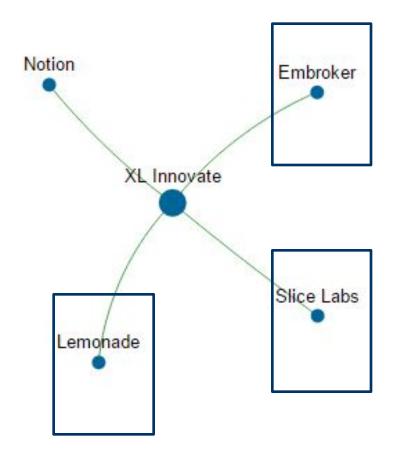
#### A LOOK AT AMFAM VENTURES



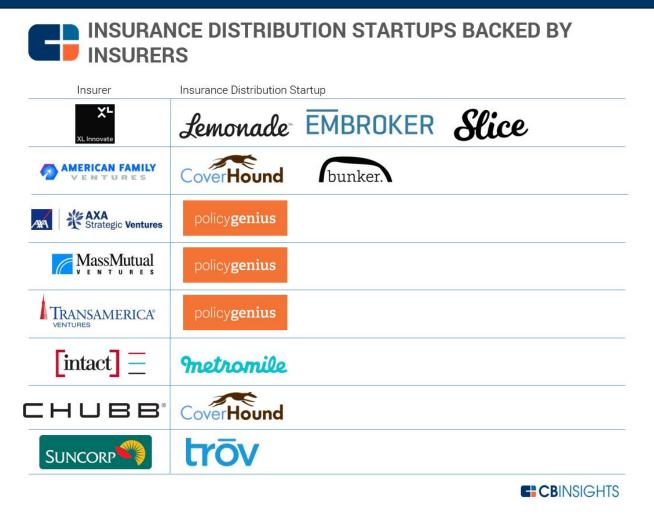
#### A LOOK AT AXA STRATEGIC VENTURES



#### A LOOK AT XL INNOVATE



#### INSURERS BACKING TECH STARTUPS SELLING INSURANCE

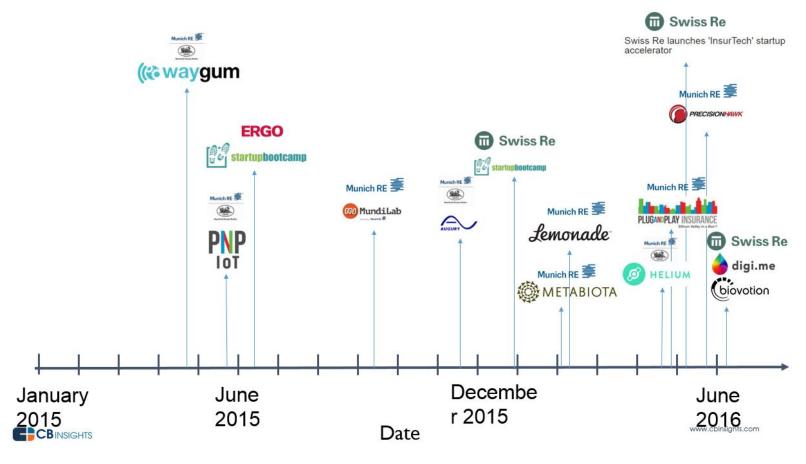


Source: https://www.cbinsights.com/blog/insurance-corporate-venturing-2016/



#### LEADING REINSURERS EXPLORE STRATEGIC MOVES ACROSS TECH LANDSCAPE

#### Startup and Accelerator Moves By Swiss Re & Munich Re



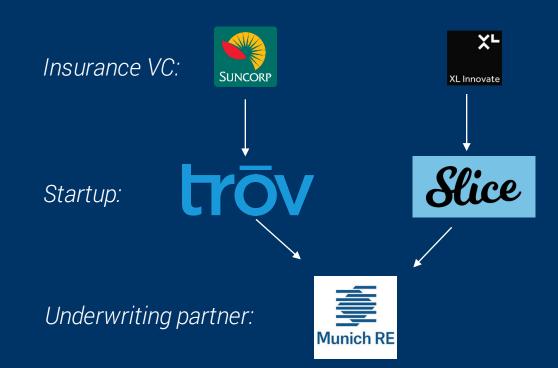
Source: https://www.cbinsights.com/blog/reinsurance-tech-startup-moves/

#### REINSURERS PROVIDING CAPACITY TO STARTUPS

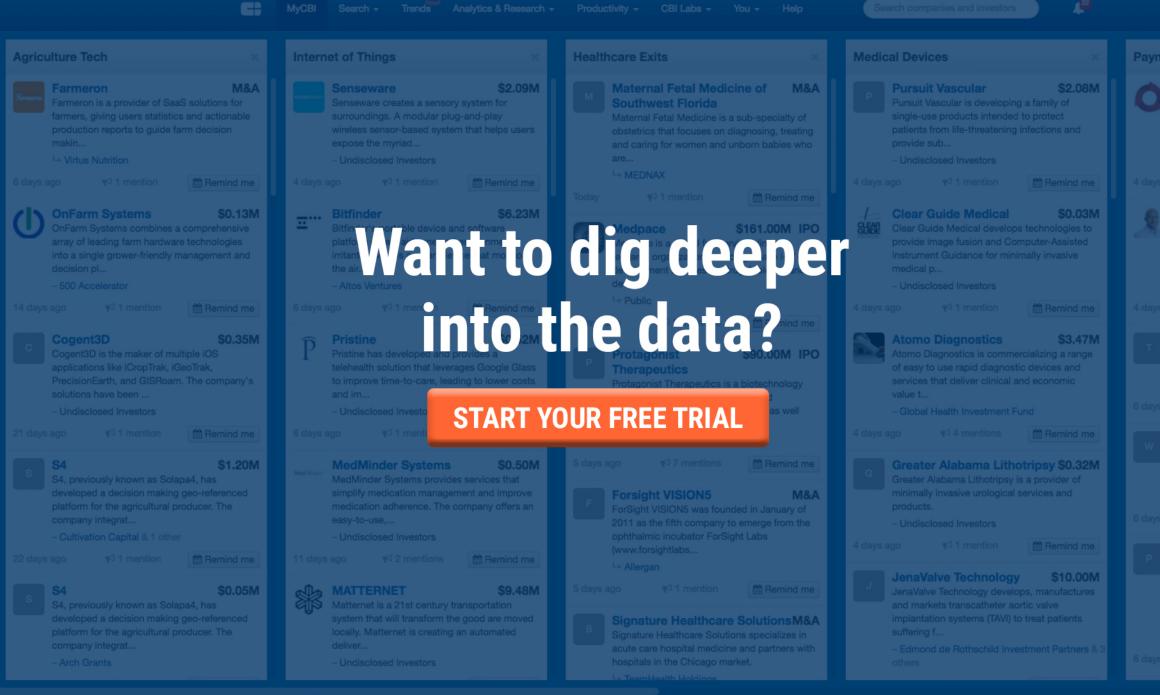
"Getting the right amount of capacity behind you to address the specific markets is the biggest risk. This includes primary carriers, re-insurers and other alternative risk-transfer sources like captives. The balance is being able to get the capacity you need with the amount of control and flexibility required."

– Tim Attia, CEO, Slice Labs

"Digital Partners is a new Munich Re global venture designed to partner with disruptors who are changing the way insurance is experienced by customers. Digital Partners is developing innovative propositions with digital insurance startups and digital verticals that are creating new ways for consumers to interact with the insurance industry."



Source: Munich Re











## **ECOSYSTEM TRENDS & HAPPENINGS**

### FINTECH ENTREPRENEURS MIGRATE TO TAKE ON INSURANCE...



### ...AND INSURANCE TALENT IS MIGRATING TO THE INSURANCE TECH ECOSYSTEM

# Insurance Execs' Midlife Crisis Cure: Four AIG, ACE Veterans Join Startup P2P Insurer Lemonade

By Andrew G. Simpson | January 12, 2016

#### Cyence Names Jennifer Livingstone Vice President of Business Development

Startup	Hire	Description	Date
Next Insurance	Lacey Pevey (VP Insurance)	Pevey was previously Chief Underwriting Officer for the Financial Institutions Division at AIG	May-16
Jetty Braden Davis (Head of Insurance)		Davis joins from QBE, where he was head of business transformation, standard P&C	Apr-16

# Insurance Exec Slattery Joins Driveway Team in California

May 3, 2016

### Online Agency Insureon Adds Hartford, PwC Execs to Leadership Team

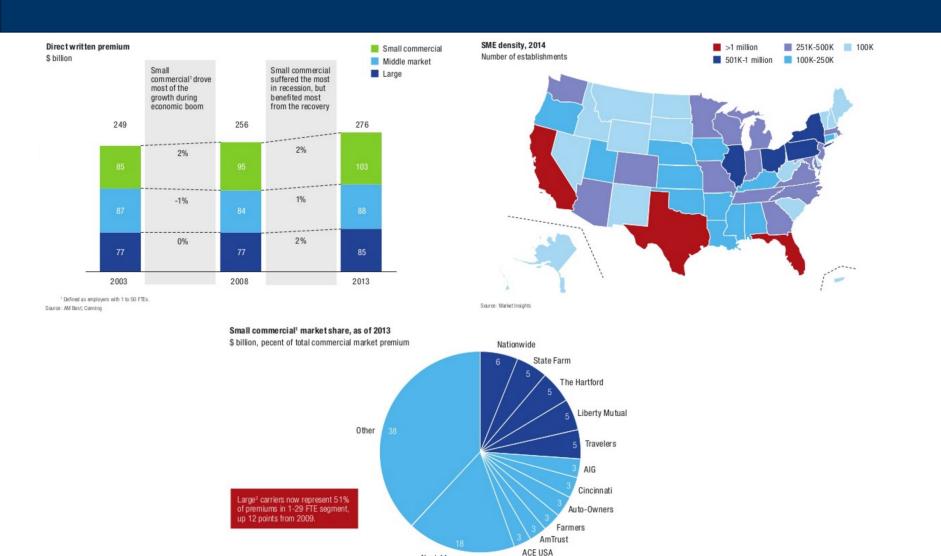
January 13, 2016

#### Connecticut Based RiskMatch Hires Golden

September 14, 2016



### STARTUPS SEE OPPORTUNITY IN SMALL COMMERCIAL



Next 14

Select US investor-backed startups:





next insurance



coverwallet







Source: McKinsey



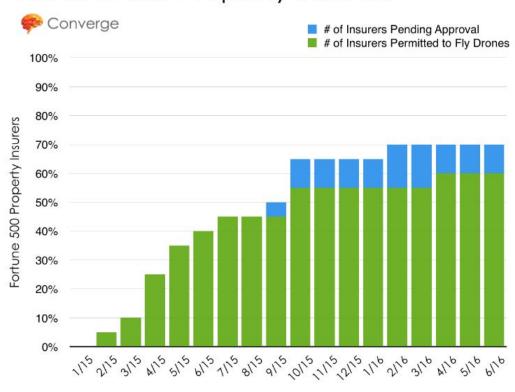
### IN EUROPE, COMPETITION HEATS UP AMONG MOBILE INSURANCE MANAGERS



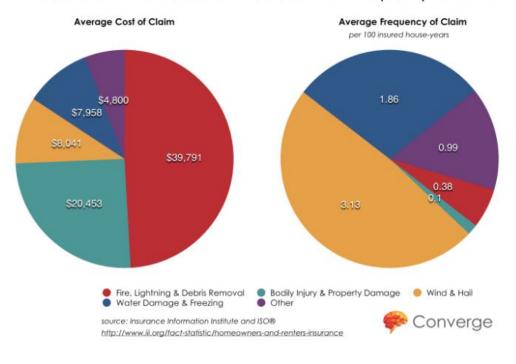
Source: CB Insights

### THE DRONE OPPORTUNITY FOR INSURERS...AND STARTUPS?

# Drone Adoption Rate by Fortune 500 Property Insurers

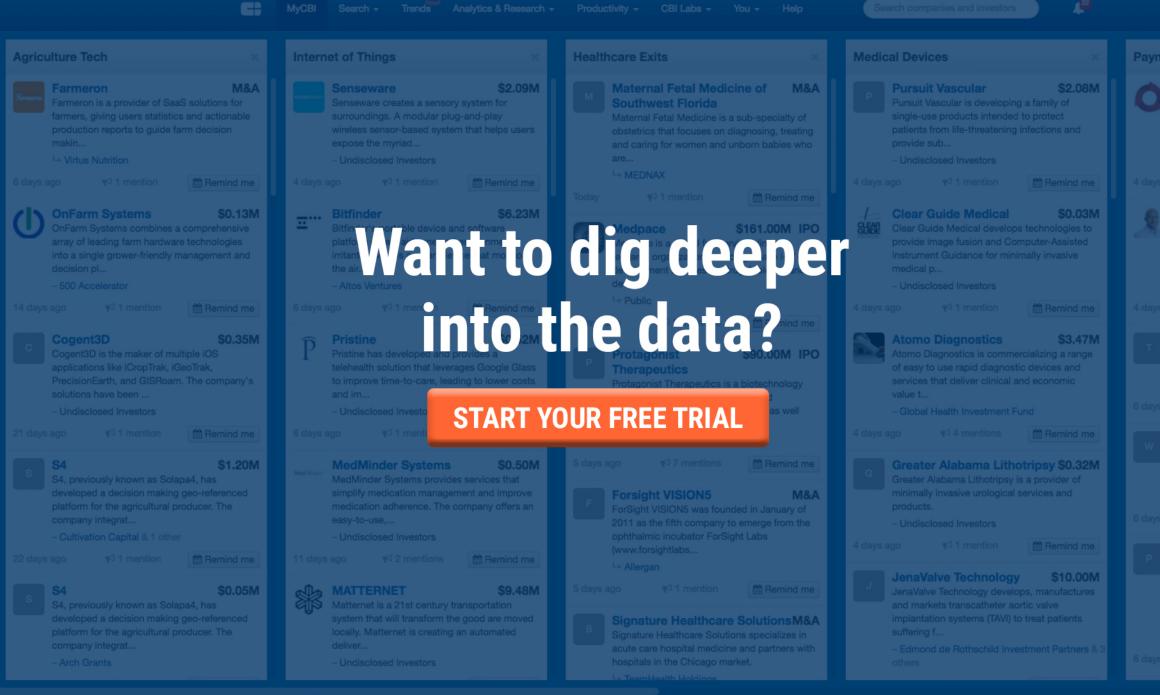


#### Costs and Causes of Residential Property Claims



Source: https://www.cbinsights.com/blog/drone-property-insurance/











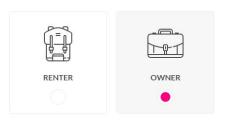


# STARTUPS AIM TO REINVENT THE HOMEOWNERS AND RENTERS INSURANCE PROCESS

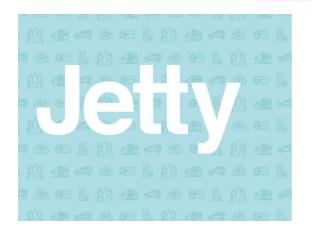
Lemonade



Are you a renter or a homeowner?



NEXT



Protection for you and the things you love

Enter email address Submit



At Hippo, we're reimagining home insurance. Simpler. Smarter. On your terms.



Source: Lemonade, Hippo, Jetty

### **OPPORTUNITIES IN CYBERINSURANCE**

#### Stand-Alone Cyber Coverage

(Year-End 2015)

Rank	Company	Direct Written Premium (\$000)	Direct Incurred Loss Ratio (%)	Policies In-Force Claims Made	Occurrence
1	XL Group Ltd.	113,432	115.2	1,301	_
2	Beazley Insurance Co.	61,712	8.4	4,950	20
3	Travelers Companies Inc.	42,373	52.7	5,489	_
4	Chubb Limited.	34,960	32.3	1,944	_
5	Allied World Assurance Co.	29,914	61.9	909	_
6	AXIS Capital Holdings Ltd.	29,040	4.2	1,015	<u> </u>
7	American International Group	21,633	53.0	1,605	
8	Zurich Insurance Group	16,537	163.0	386	409
9	Endurance Specialty Holdings	15,681	60.2	144	257
10	Tokio Marine Group	14,882	34.1	_	9,925
11	Alleghany Corp.	13,104	42.4	870	1
12	Ironshore, Inc.	12,213	111.6	306	22
13	CNA Financial Corp.	10,754	80.1	1,717	_
14	Berkshire Hathaway Inc.	9,598	54.6	615	-
15	BCS Insurance Co.	9,594	44.8	829	_
	Industry	483,198	65.2	58,327	11,630

Note: Incurred loss ratio includes adjusting and defense and cost containment expenses.

Source: SNL Financial.

#### Source: SNL

### **CB**INSIGHTS

### Marsh Launches Cyber Risk Assessment Services

April 29, 2015

Marsh Cyber Monitor and Marsh Cyber View add to Marsh's cyber risk analytics capabilities, including its proprietary cyber security self-assessment and the Marsh Cyber IDEAL model, which helps clients by quantifying the range of potential outcomes from a data breach.

Marsh Cyber View and Marsh Cyber Monitor are powered by technology services from Cyence, a cyber security analytics services provider. Marsh will continue to collaborate with Cyence and other firms to further develop its capabilities to help clients better understand and manage their cyber risk.

**CSTAR** WHAT'S YOUR SCORE?

For enterprises running multiple business applications in multiple environments, securing the applications and data is a critical challenge. As the number of attacks increase, it becomes increasingly difficult and expensive to obtain insurance for breaches and data loss.

With your organization's complexity growing, how can you understand your risk and help insurance companies determine the insurability of your business against data breaches?

## **INSURANCE TECH: ITEMS TO LOOK FOR**

### INSURANCE TECH GETTING MORE CROWDED FROM EXISTING FINTECH PLAYERS IN THE US...







Total Funding: \$1.54B Estimated 2016 revenue: \$357.4M Total Funding: \$69M Number of users: 30M+

Total Funding: \$368.5M App Store Finance Rank: #1

### SoFi Plans to Offer Life Insurance by End of Year

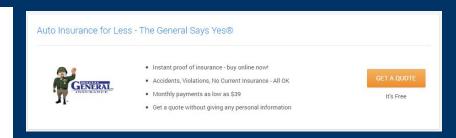
Selina Wang

September 21, 2016 - 5:21 PM EDT

- Startup will add product as soon as October or by end of year
- Fintech lender looks to expand further beyond student loans

Name: NERDWALLET INSURANCE SERVICES License#: 0K92033 License type: Accident and Health Status: Active Status Date: 05/31/2016 Exp Date: 05/31/2018 License type: Casualty Broker-Agent Status: Active Status Date: 05/31/2016 Exp Date: 05/31/2018 Status: Active Status Date: 05/31/2016 Exp Date: 05/31/2018 License type: Life-Only License type: Property Broker-Agent Status: Active Status Date: 05/31/2016 Exp Date: 05/31/2018 Business Address: 901 MARKET STREET6TH FLOOR SAN FRANCISCO, CA 94103

Records 1 to 6



Source: Bloomberg, WSJ, California Dept. of Insurance, Credit Karma



#INSURTECH

### ...AND ABROAD. CHINA'S LARGEST FINTECH GIANT EYES INSURANCE





Ant Financial Backs China's First Mutual Insurance
Association

By Jillian Yue | 22 June 2016 — 17:48 HKT

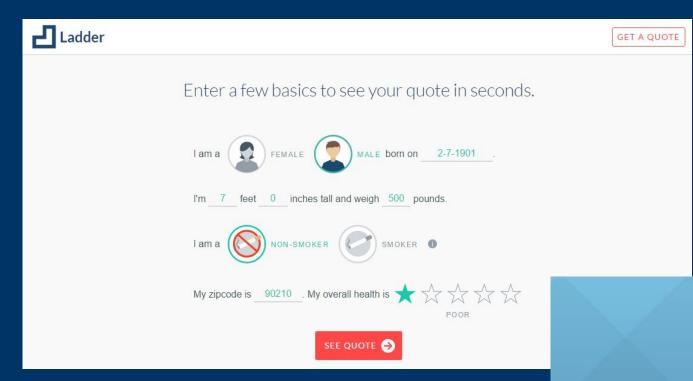
Alibaba Health sets up JV with China Taiping
Insurance
Undated: 2016-04-23 09:50

By Meng Jing(China Daily)

Source: Ant Financial



### **COMING OUT: LIFE INSURANCE STARTUPS**



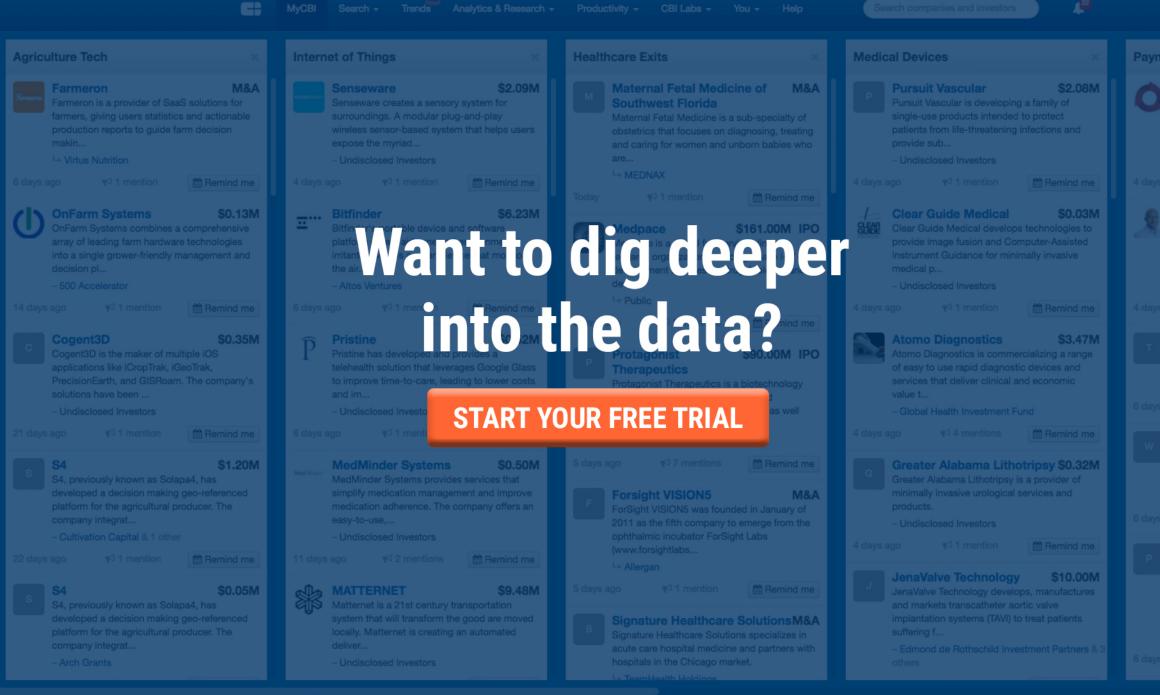
### **FABRIC**

Simple affordable life insurance

Enter your email

SAVE MY SPOT

Source: Ladder, Fabric



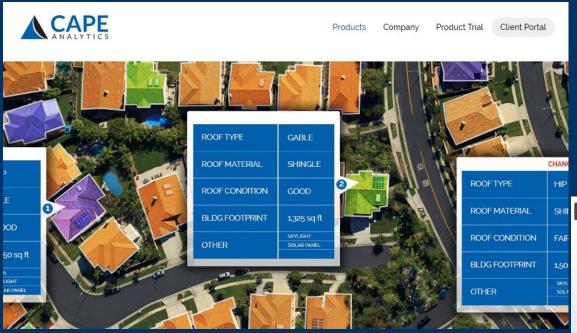


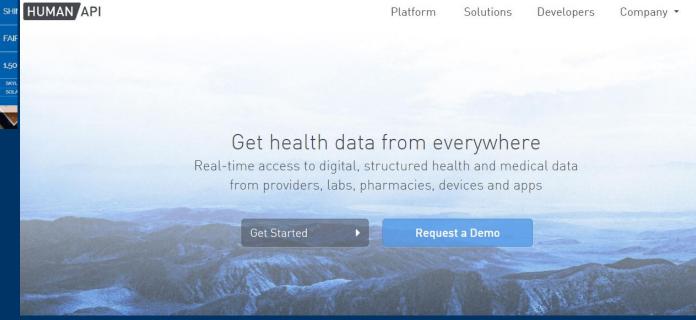






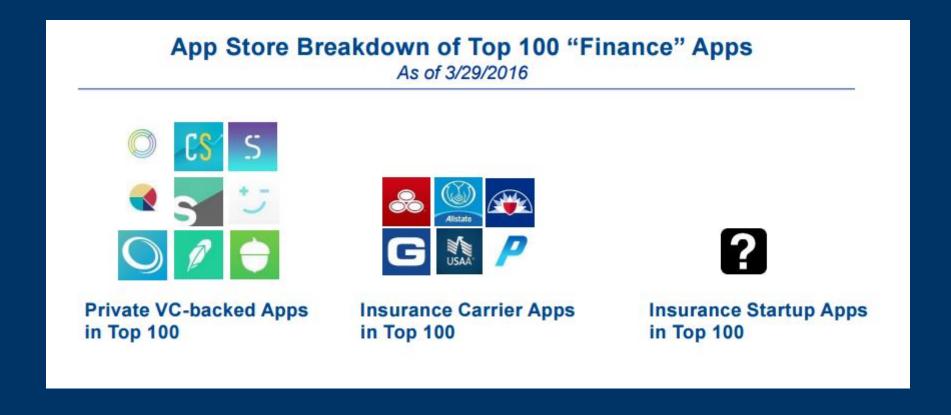
### **NEXT-GENERATION DATA PROVIDERS**



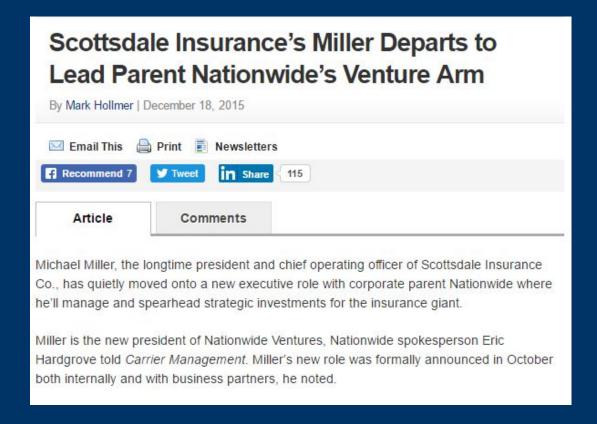


Source: Cape Analytics, Human API

### WHERE MOBILE FITS IN INSURANCE DISTRIBUTION



# STILL MORE (RE)INSURERS JUMPING INTO CORPORATE VENTURING AND INVESTMENTS





## **ABOUT THE PRESENTER**

### **Matthew Wong**

Senior Research Analyst, CB Insights

Published analysis and research has been featured in The New York Times, The Wall Street Journal, The Financial Times, Bloomberg and CNBC.

Launched CB Insights insurance tech newsletter, which covers startup and tech trends in the global insurance industry and reaches 10,000+ (re)insurance execs, investors and startup founders: cbinsights.com/research-insurance-tech-newsletter

Graduate of Northwestern University, magna cum laude.











