

Is Your UBI Program Succeeding?

Customer Response to Usage-Based Insurance

Commitment Beyond Numbers



Gary Wang, FCAS, MAAA

November 4, 2013

Discussion

Introduction

Data

Analysis results

Conclusions



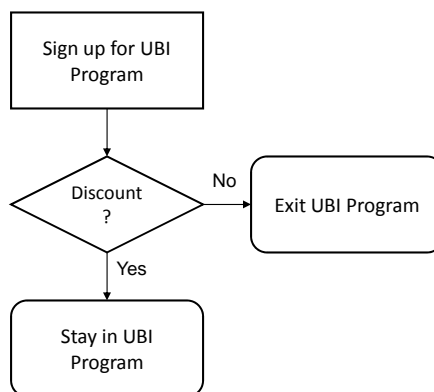
Introduction

Commitment Beyond Numbers



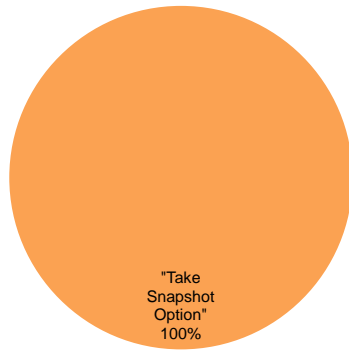
In theory...

- What's not to like?

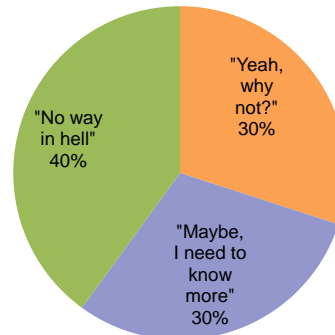


“But Wait...” - Glenn Renwick, CEO of Progressive

“Intellectually...”



“Surveys of Prospective Snapshot Users”



“Getting consumers to engage in a product that they were never asked to engage in [historically] is a bigger burden intellectually than we would have assumed.”

Data

Commitment Beyond Numbers

Social Media Data

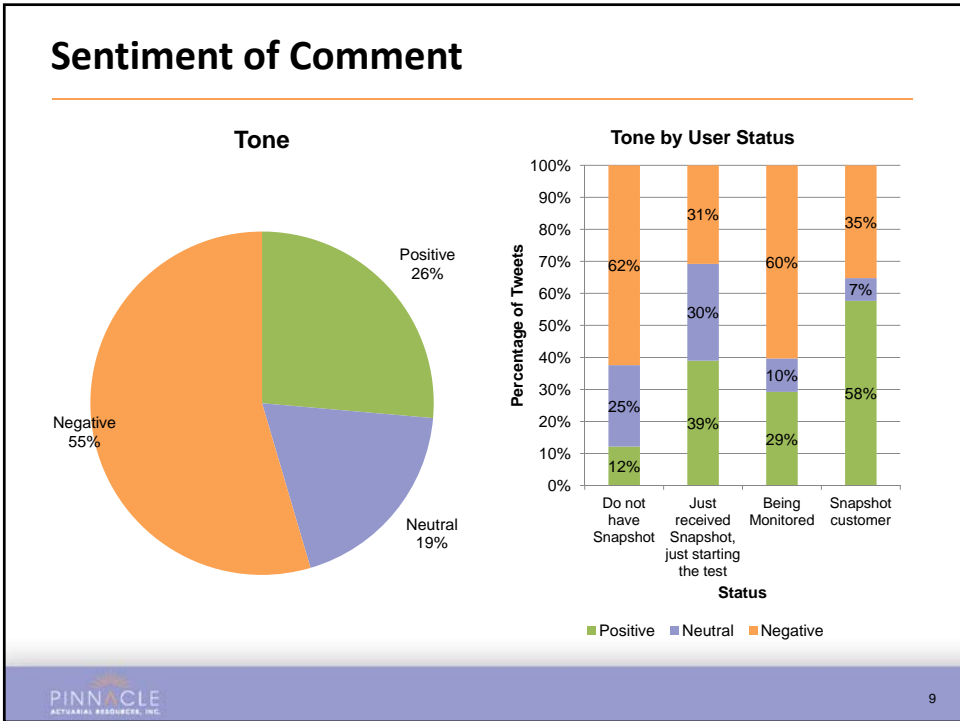
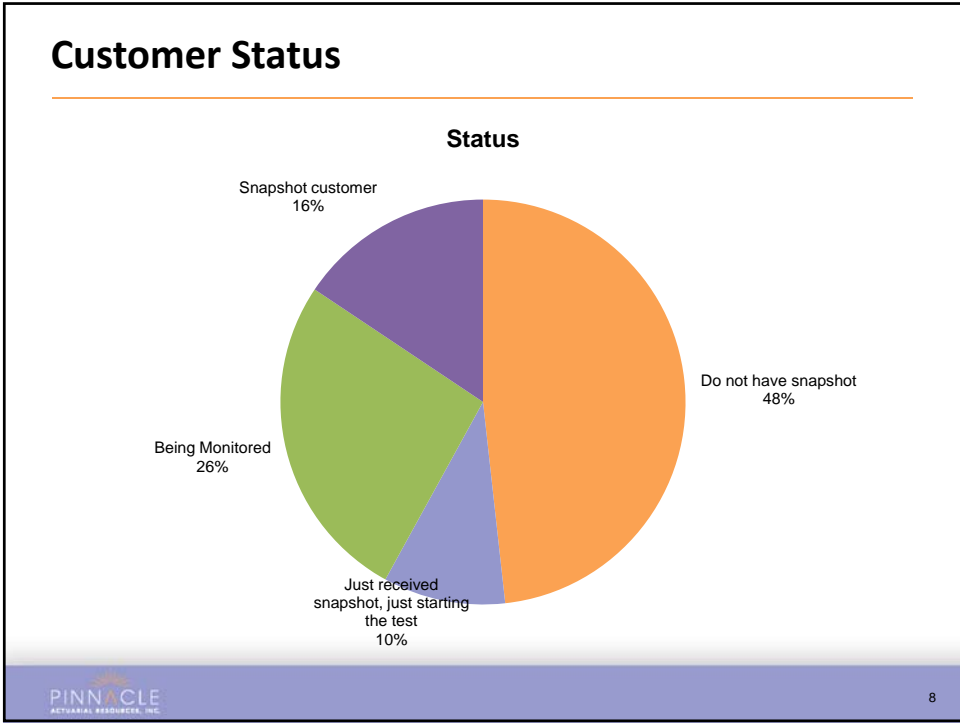
- Twitter data - over 3 million insurance tweets total (January, 2012 to present)
- Keyword searches for terms “Progressive” and “Snapshot” (3,400 tweets from September 2012 to June 2013)
- Data
 - Content of the tweet
 - Specific tweet recipient
 - Sender of the tweet
 - Language of tweet
 - Where the tweet originated
 - Link to a picture of user
 - Latitude and longitude of the user
 - Date and time of tweet
- Advantages of social media data
 - Unfiltered
 - Broad view of non-customer reactions
 - Facilitates more timely analysis of trends

“This new world will undermine the polling industry”

Fabio Rojas. *How Twitter can help predict an election*

Analysis Results

Commitment Beyond Numbers

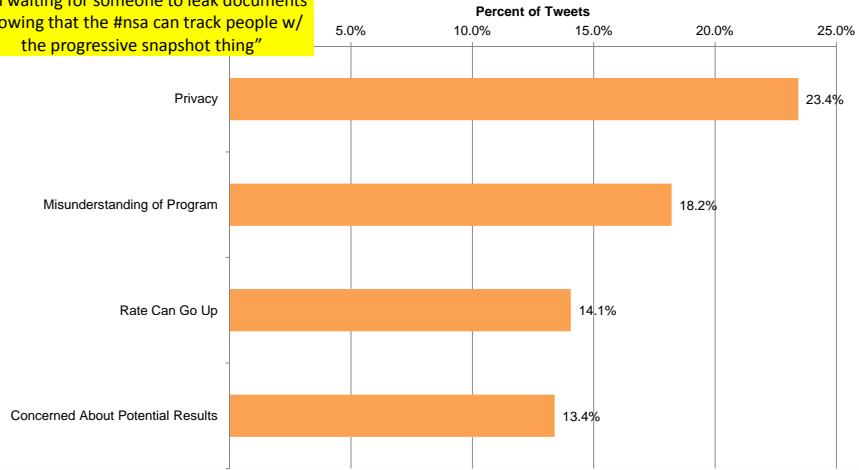


Non-Customer Negative Responses



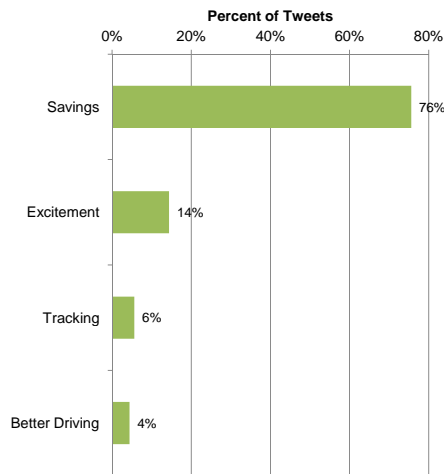
Non-Customer Negative Responses

"im waiting for someone to leak documents showing that the #nsa can track people w/ the progressive snapshot thing"

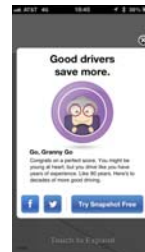
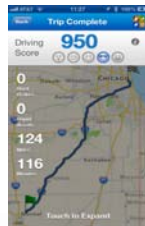


Customer Positive Responses

Customer Positive Responses



- Price change vs. additional services
- Customer validation
- Some consumers like data



"I'm liking Progressive's SnapShot device - not 'cause it'll lower my rates but 'cause it tells me when I've done something I shouldn't have."

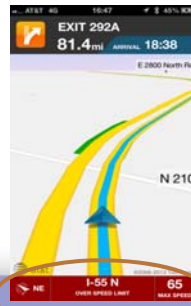
Customer Complaints

Complaint	Starting Test	Testing	Customer	Total
Driving Habits	34%	23%	16%	23%
Beeping	3%	21%	10%	16%
Snapshot Evaluation	1%	20%	12%	15%
Annoying	21%	13%	10%	14%
Premium Change	3%	10%	16%	10%
Installation	28%	1%	0%	4%

- Considerations
 - Behavior modification
 - Customer opinion
 - Feedback timing
 - Context
 - Negative reinforcement

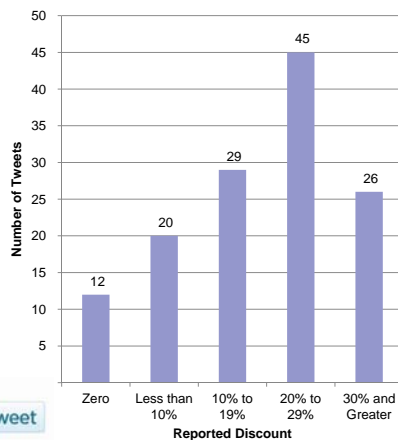


"Listen, Progressive Snapshot. You & I will NEVER agree on what a 'hard brake' is & no amount of beeping is gonna change that. #justsayin"

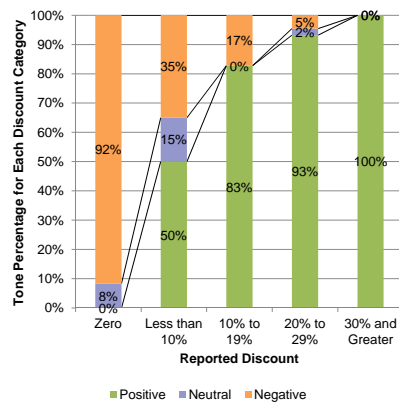


Reported Snapshot Discount

Reported Snapshot Discount



Reported Snapshot Discount by Tone



"Just got an email that I'm getting a 7% discount on my auto insurance after having that Snapshot thing. That's pretty @Progressive. :)."

"I've had the Progressive snapshot plugged in to my car to record my driving and get a discount. Out of 30% I only got 2%. I suck."

Conclusion

- Success of a UBI program will depend on listening closely and responding to the voice of the customer
- Social media provides a platform to tap into the conversations of the public and learn the public reception of your program and the concept in general
- Keeping a pulse on the public response and answering and mitigating their concerns will help create a more positive customer experience and improve the potential for UBI long-term

Customer Response to Usage Based Insurance

Gary Wang, FCAS, MAAA

309.807.2331

gwang@pinnacleactuarial.com