

# Large Loss Overview

**Alexsandra Bello**

Actuarial Consultant  
NCCI



# We Will Dive Into Large Losses



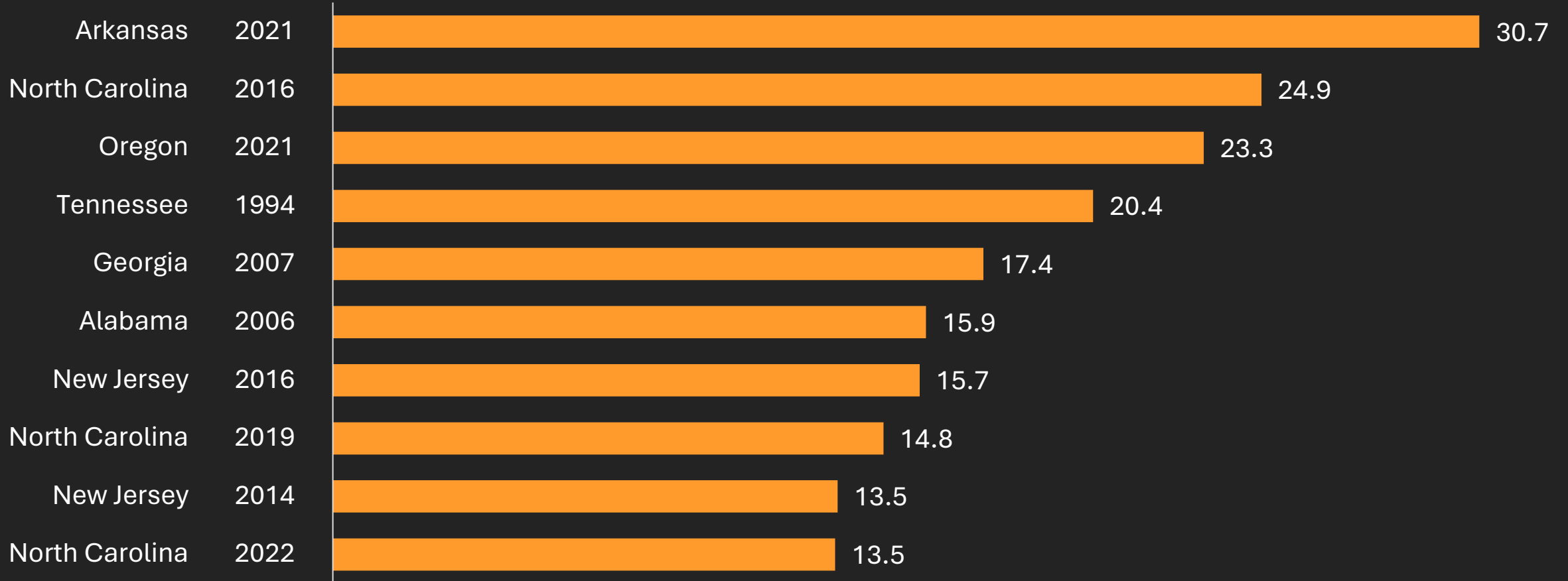
- Top Claims
- Share of Residual Market
- Characteristics

# Top Claims



# Top 10 Large Losses

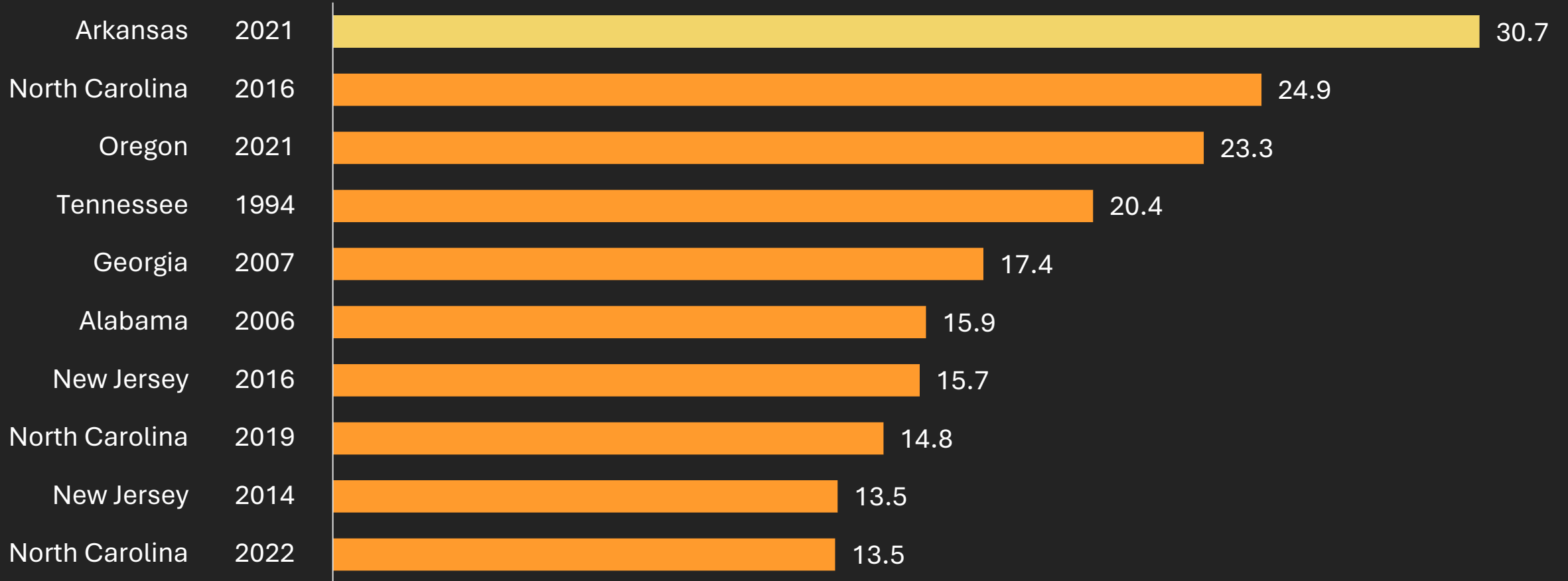
Policy Years 1993–2023



Source: NCCI's Pool Data, based on data through 9/30/2023.  
Traumatic only.

# Top 10 Large Losses

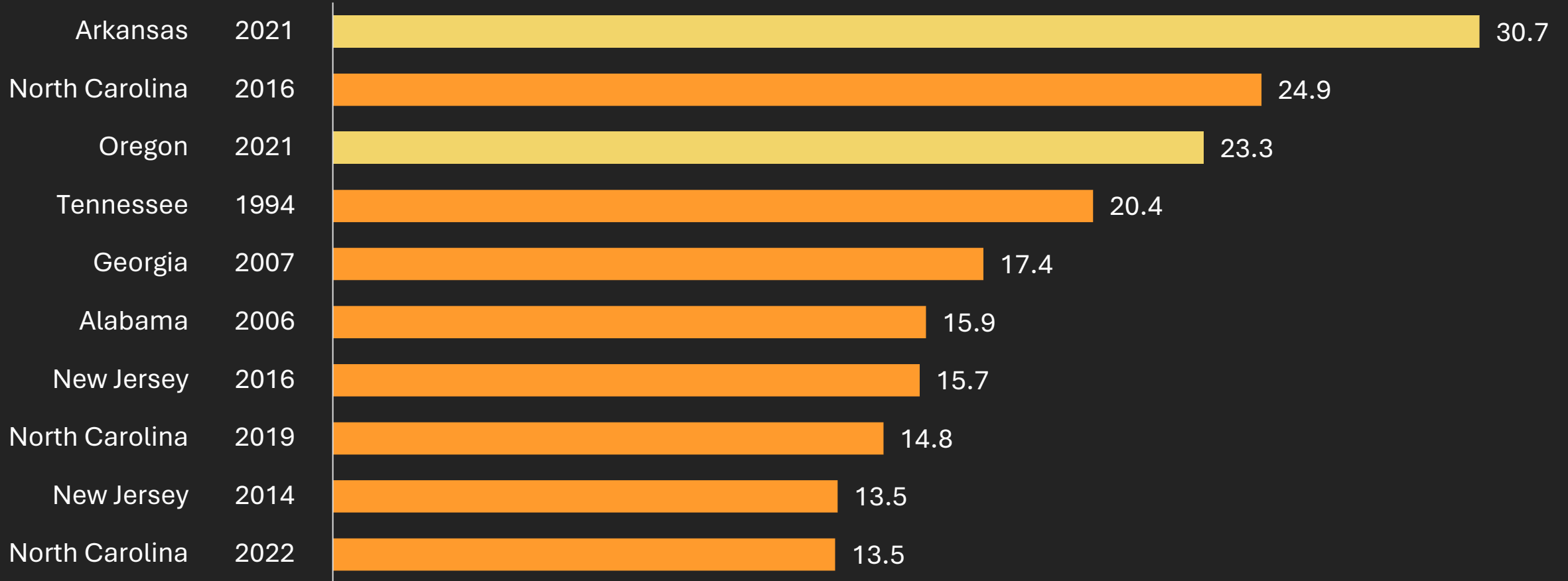
Policy Years 1993–2023



Source: NCCI's Pool Data, based on data through 9/30/2023.  
Traumatic only.

# Top 10 Large Losses

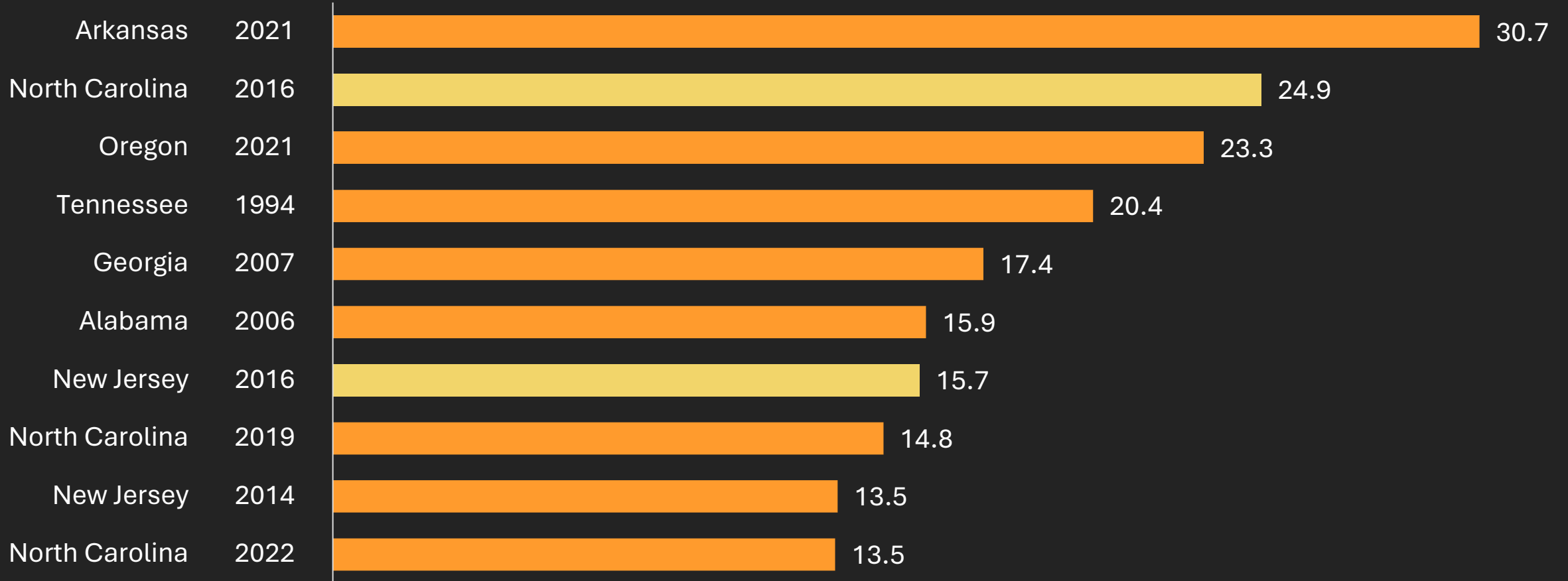
Policy Years 1993–2023



Source: NCCI's Pool Data, based on data through 9/30/2023.  
Traumatic only.

# Top 10 Large Losses

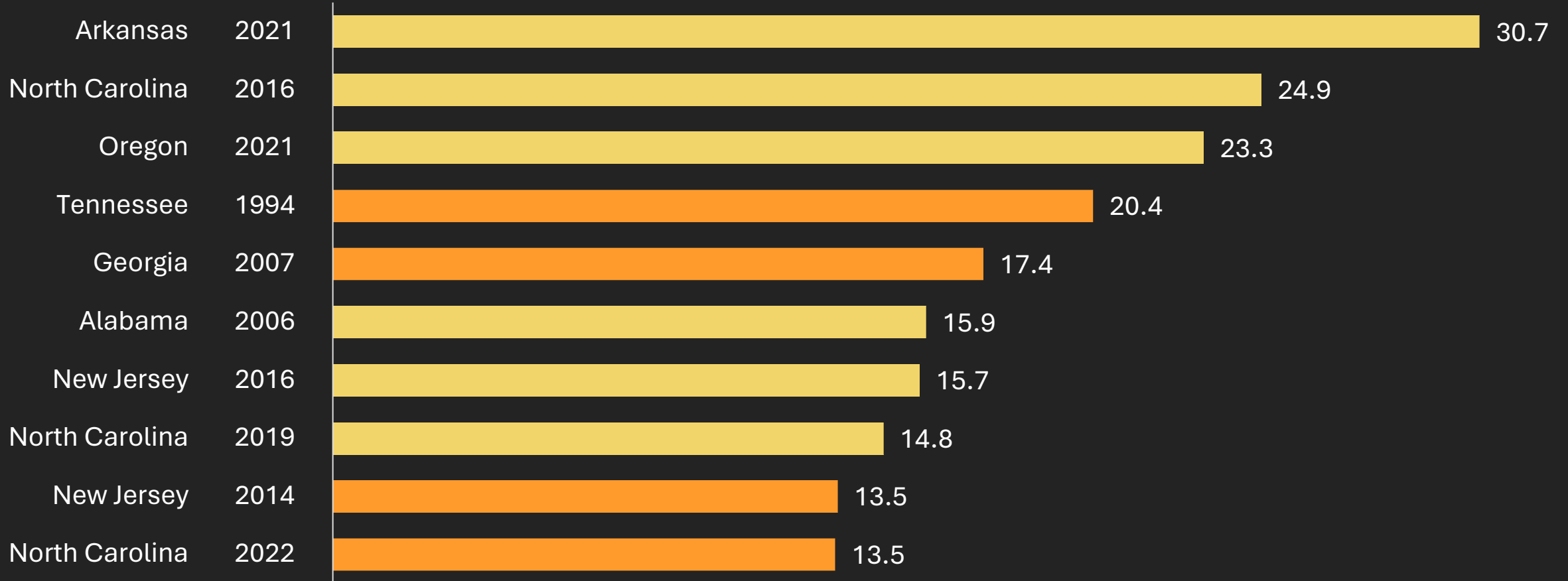
Policy Years 1993–2023



Source: NCCI's Pool Data, based on data through 9/30/2023.  
Traumatic only.

# Top 10 Large Losses

Policy Years 1993–2023



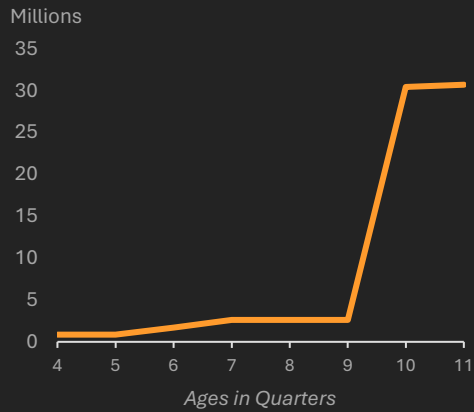
Source: NCCI's Pool Data, based on data through 9/30/2023.  
Traumatic only.



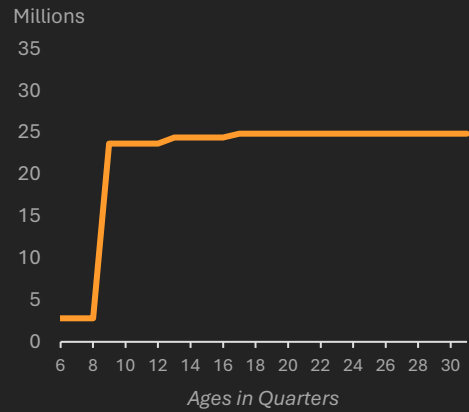
# Top 10 Large Losses: Total Incurred Losses Over Time

## By Ages in Quarters

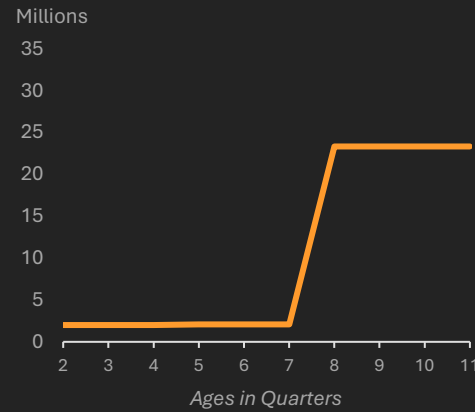
Arkansas PY 2021 Claim



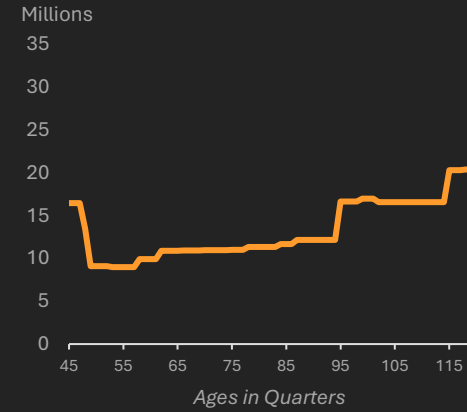
North Carolina PY 2016 Claim



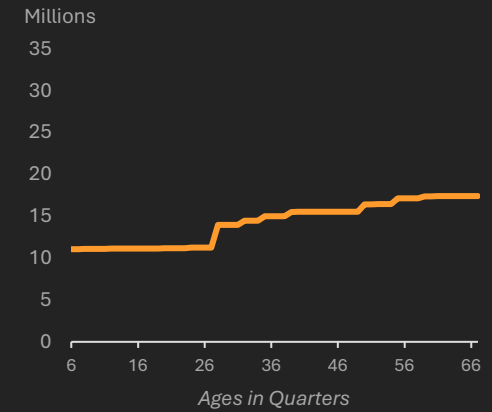
Oregon PY 2021 Claim



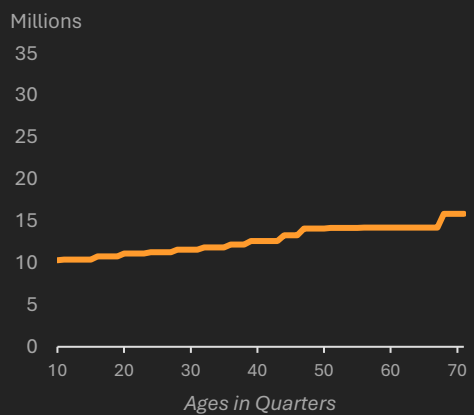
Tennessee PY 1994 Claim



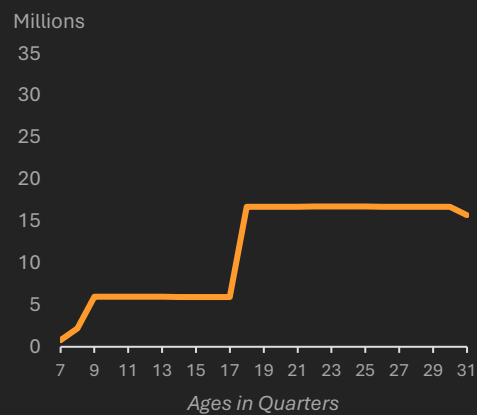
Georgia PY 2007 Claim



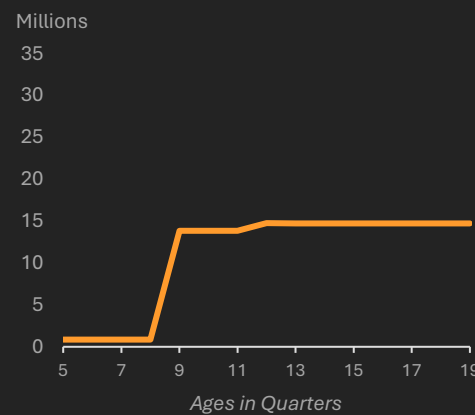
Alabama PY 2006 Claim



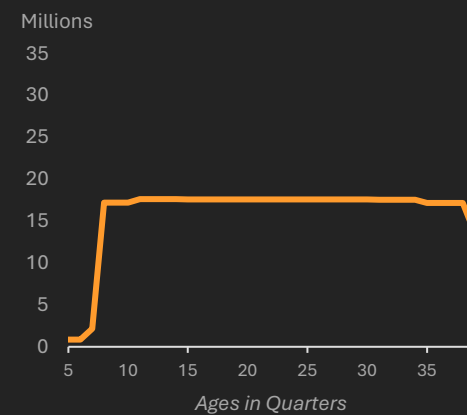
New Jersey PY 2016 Claim



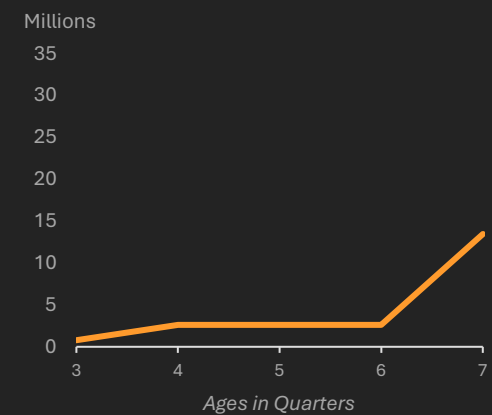
North Carolina PY 2019 Claim



New Jersey PY 2014 Claim



North Carolina PY 2022 Claim

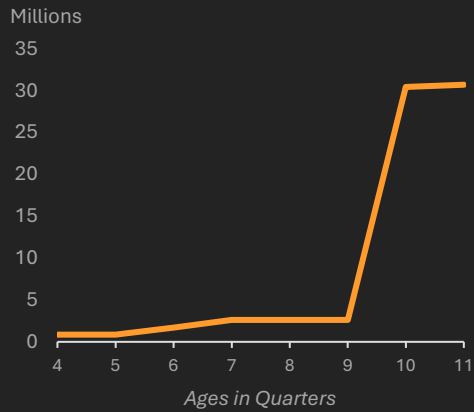


Source: NCCI's Pool Data, based on data through 9/30/2023.  
Traumatic only.

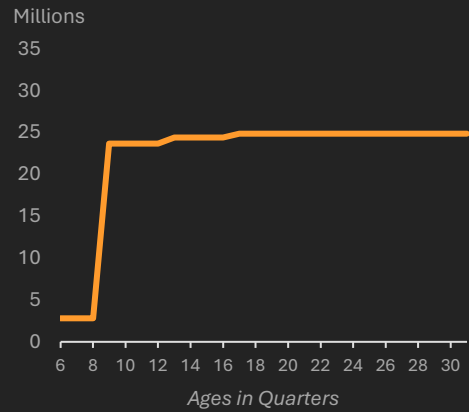
# Top 10 Large Losses: Total Incurred Losses Over Time

## By Ages in Quarters

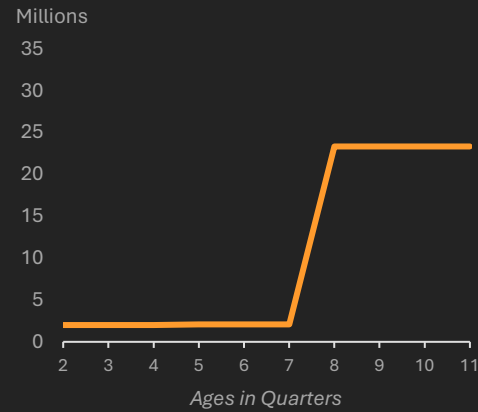
Arkansas PY 2021 Claim



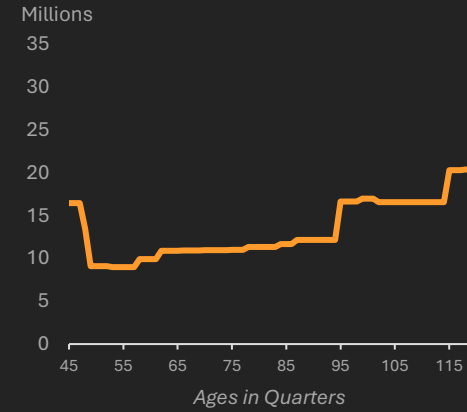
North Carolina PY 2016 Claim



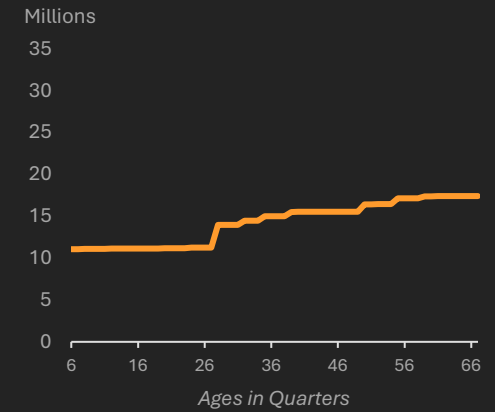
Oregon PY 2021 Claim



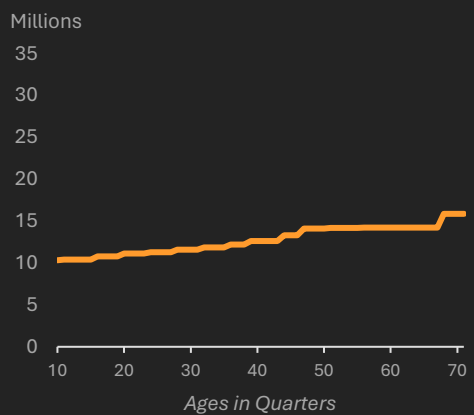
Tennessee PY 1994 Claim



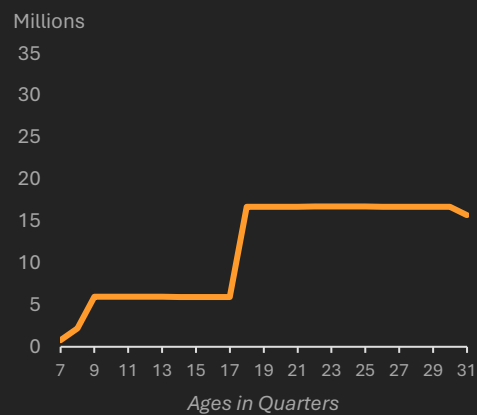
Georgia PY 2007 Claim



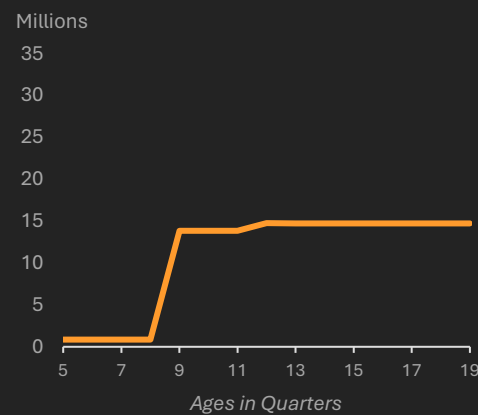
Alabama PY 2006 Claim



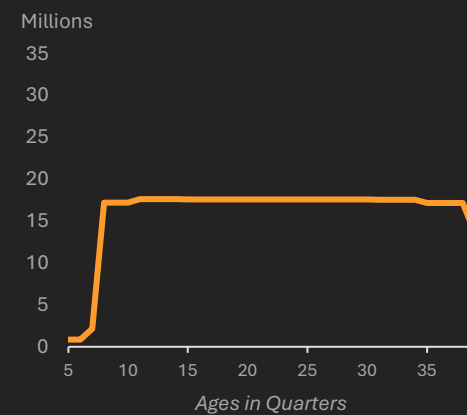
New Jersey PY 2016 Claim



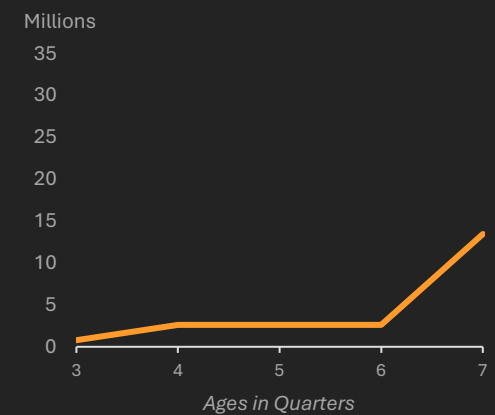
North Carolina PY 2019 Claim



New Jersey PY 2014 Claim



North Carolina PY 2022 Claim

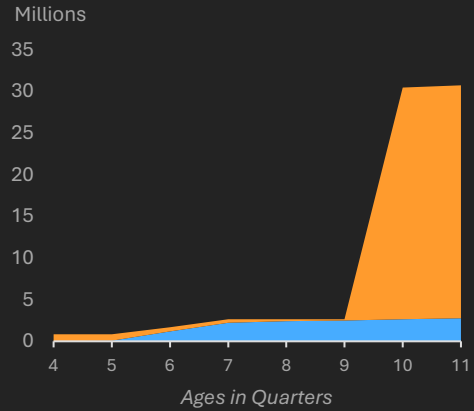


Source: NCCI's Pool Data, based on data through 9/30/2023.  
Traumatic only.

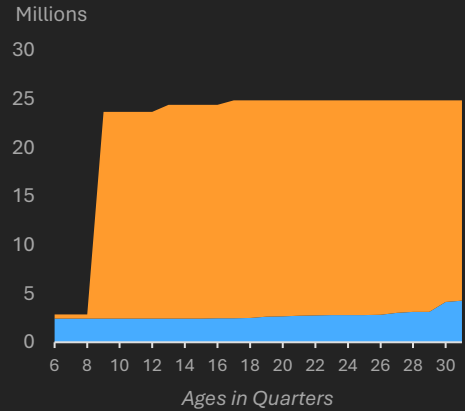
# Top 10 Large Losses: Paid vs. Case Over Time

## By Ages in Quarters

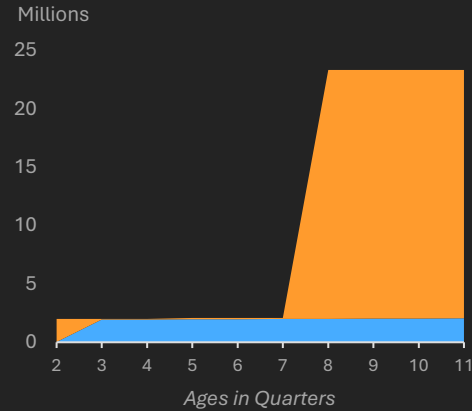
Arkansas PY 2021 Claim



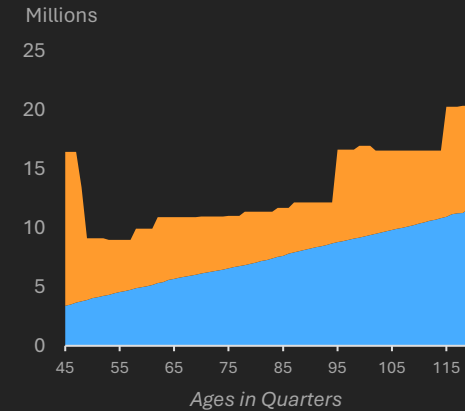
North Carolina PY 2016 Claim



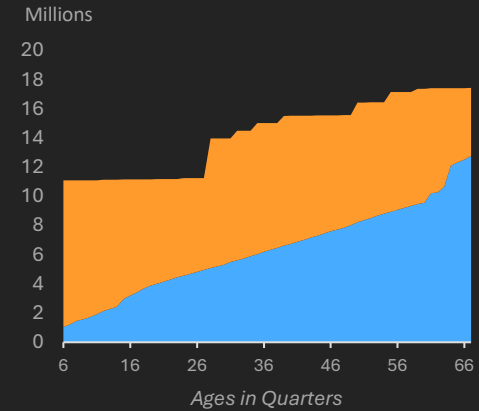
Oregon PY 2021 Claim



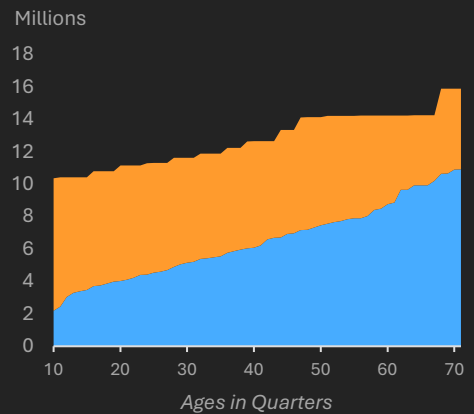
Tennessee PY 1994 Claim



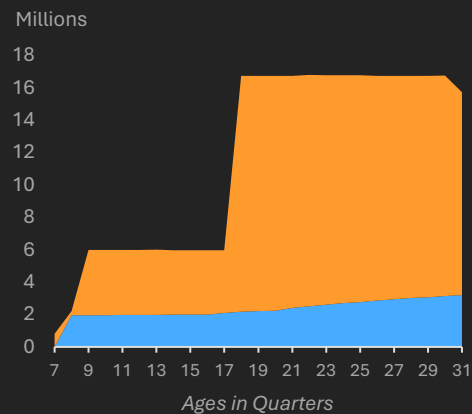
Georgia PY 2007 Claim



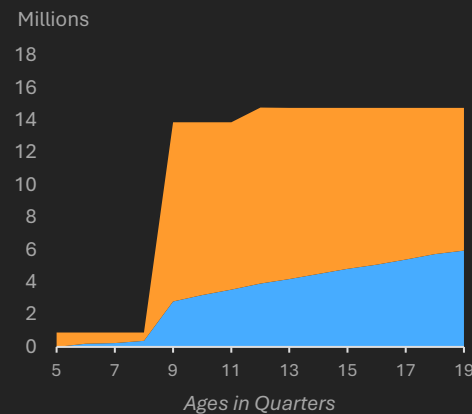
Alabama PY 2006 Claim



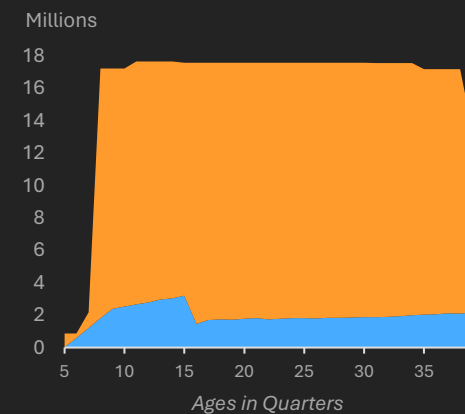
New Jersey PY 2016 Claim



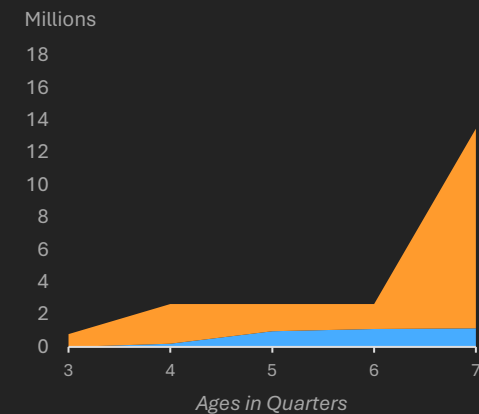
North Carolina PY 2019 Claim



New Jersey PY 2014 Claim



North Carolina PY 2022 Claim



Source: NCCI's Pool Data, based on data through 9/30/2023.  
Traumatic only.

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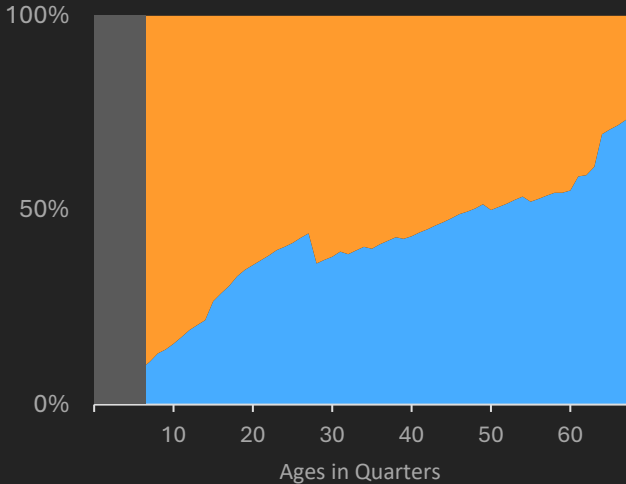
**RMF**  
2024

# Percent Paid Out Over Time

By Ages in Quarters

## Large Loss Payout

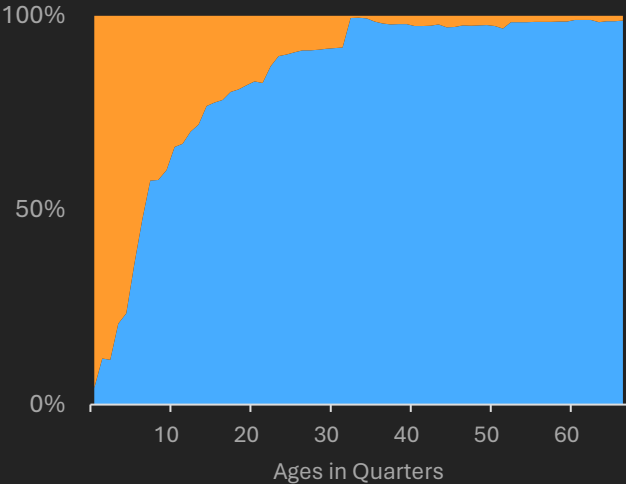
Georgia PY 2007 Claim



vs.

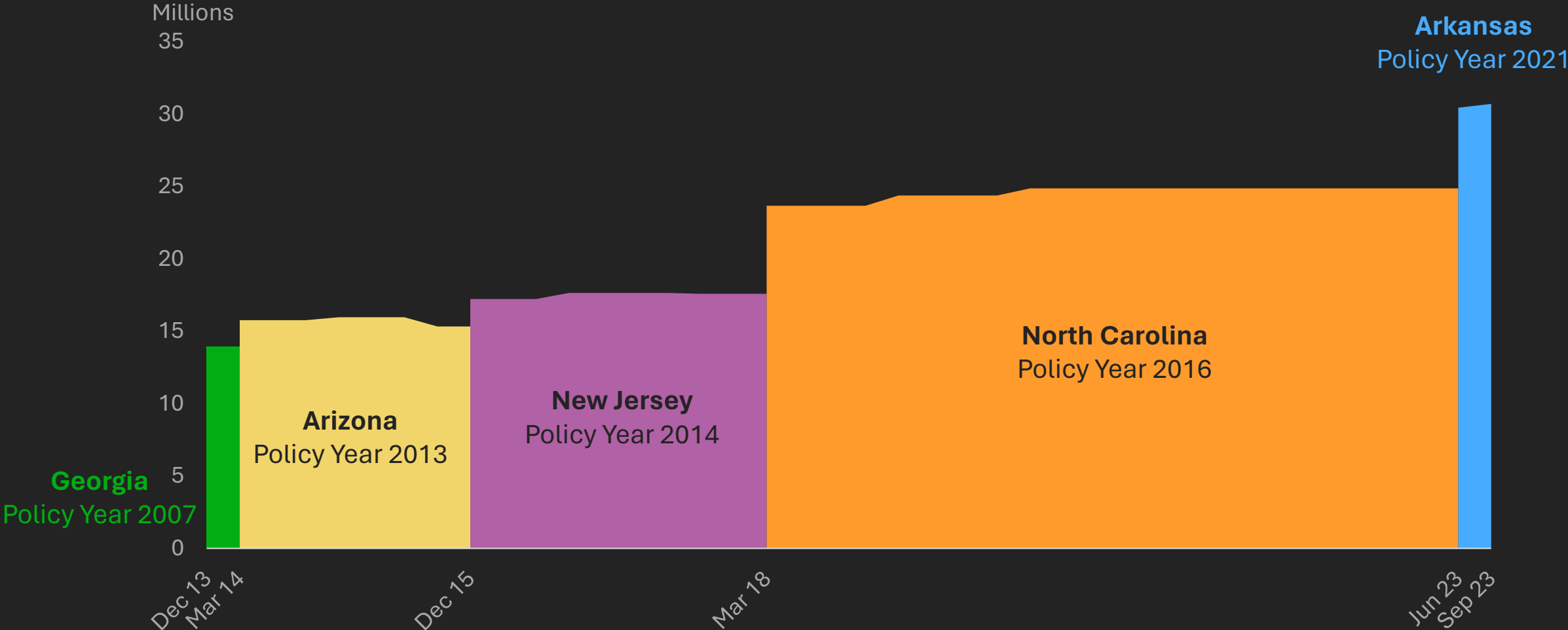
## Typical Payout

Georgia PY 2007 excl. Large Claim



Source: NCCI's Pool Data, based on data through 9/30/2023.  
Traumatic only.

# Largest Claim Over Time



Source: NCCI's Pool Data, based on data through 9/30/2023. Traumatic only.

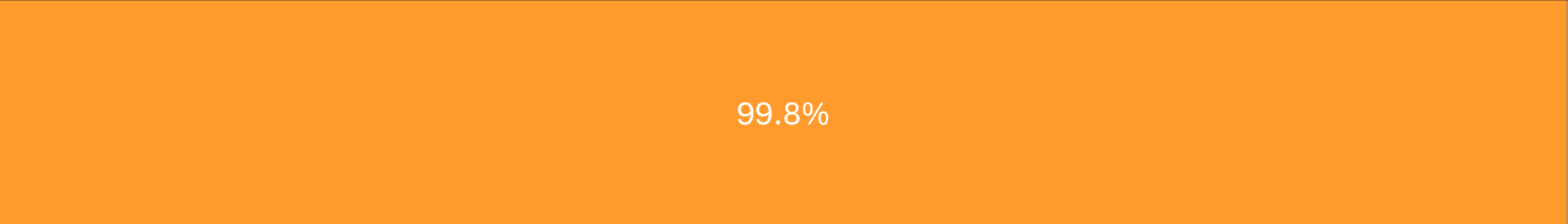
A group of business professionals in a meeting, overlaid with a purple gradient. The image shows several people in business attire engaged in conversation. The text "Share of Residual Market" is centered over the image in white. The background is a blurred office setting with large windows and modern decor.

# Share of Residual Market

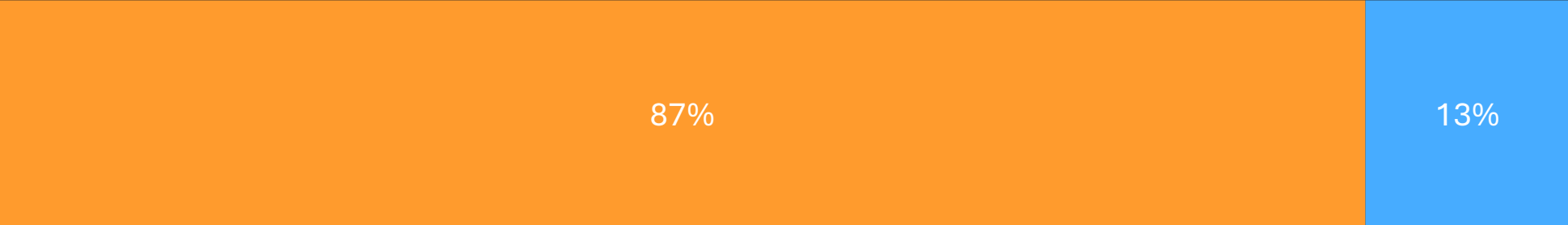
# Large Loss Share of Total Loss

Policy Years 1993–2023

Lost-Time  
Claim Counts



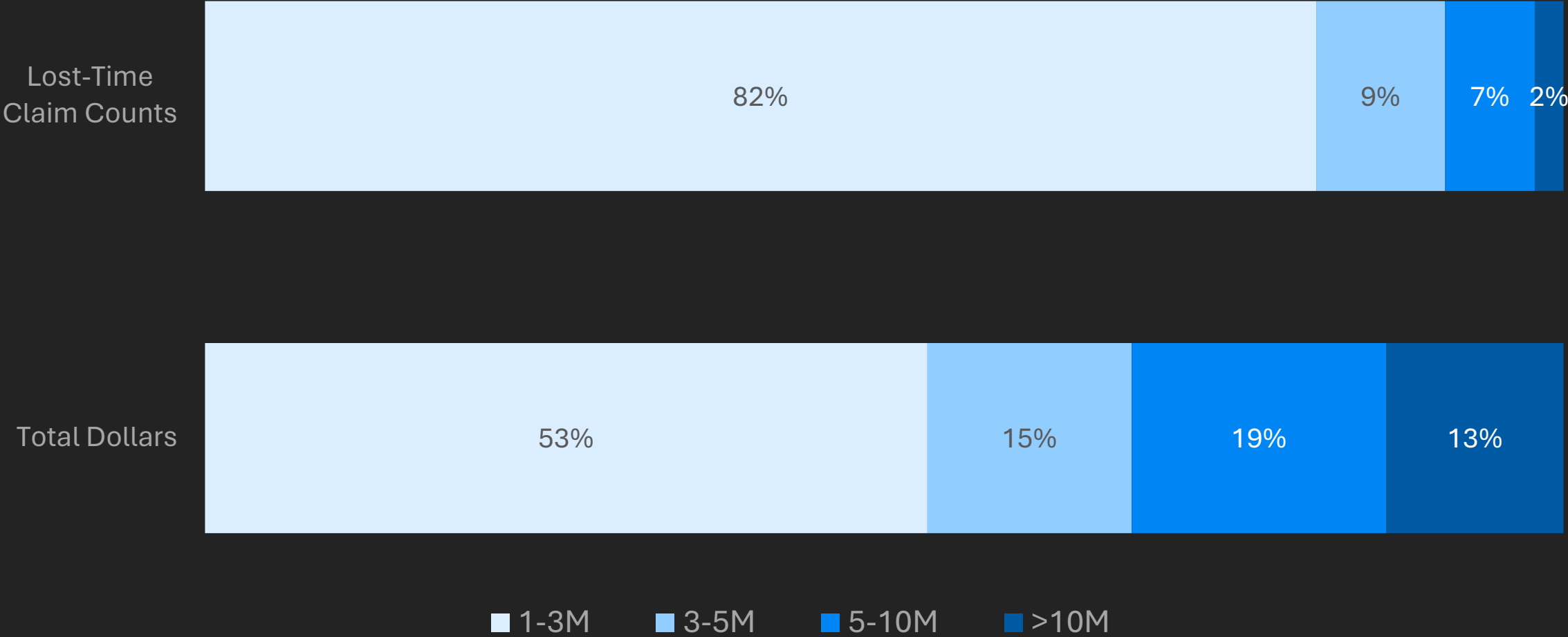
Total Dollars



A large loss is defined as a claim with total incurred greater than \$1M.  
Source: NCCI's Pool Data, based on data through 9/30/2023.  
Traumatic only.

# Large Loss Layers

Policy Years 1993–2023

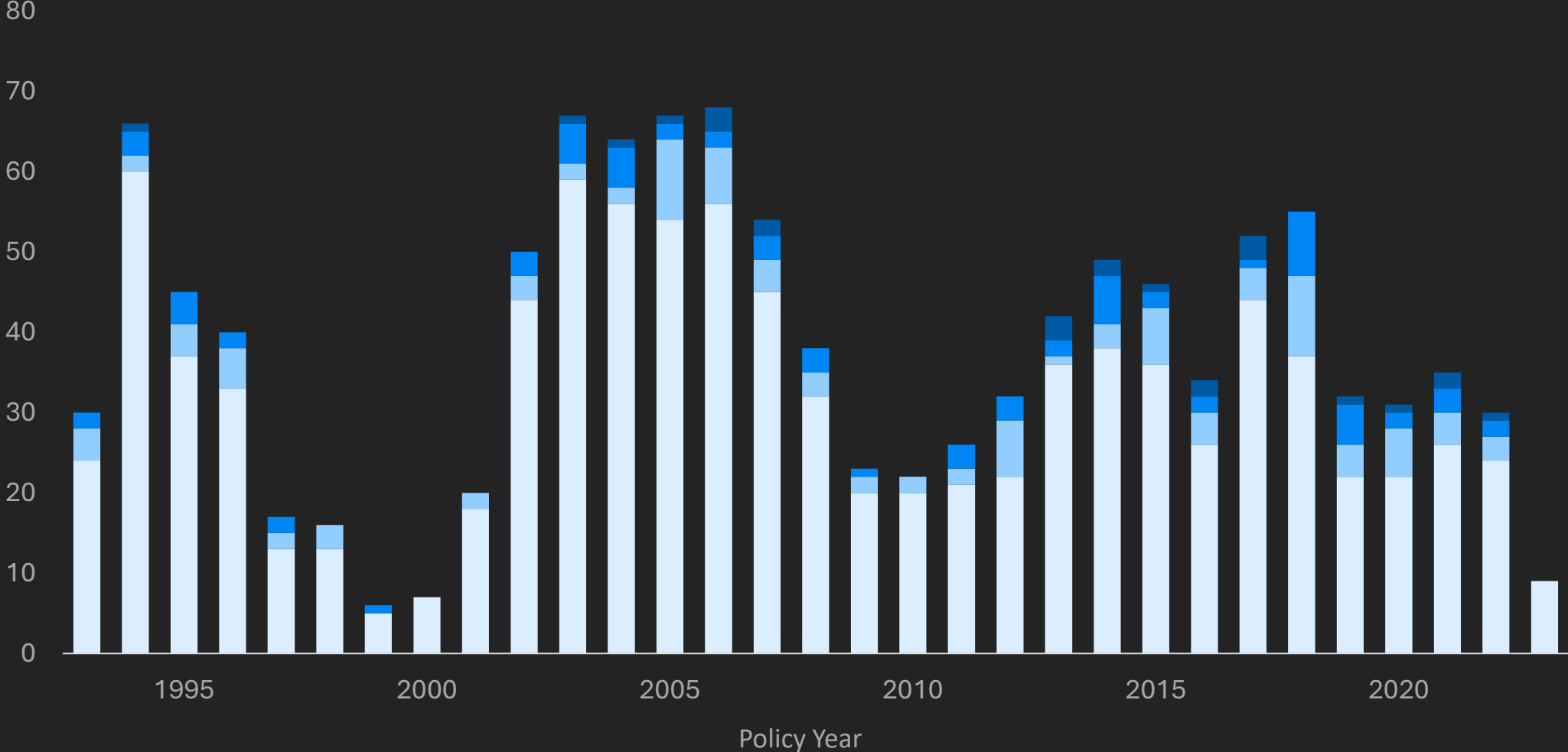


Source: NCCI's Pool Data, based on data through 9/30/2023.  
Traumatic only.



# Large Loss Claim Counts by Layer

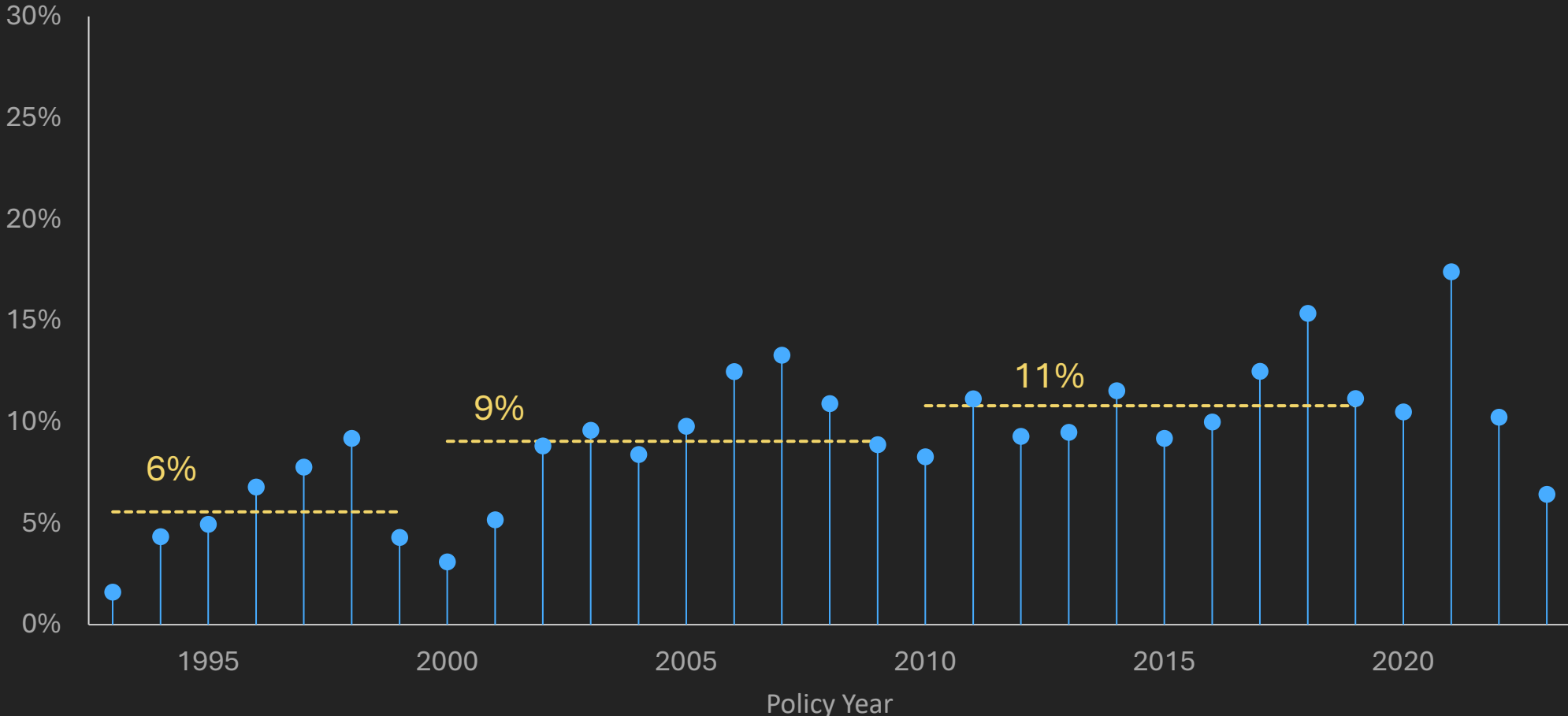
By Policy Year



1-3M 3-5M 5-10M >10M

Source: NCCI's Pool Data, based on data through 9/30/2023. Traumatic only.

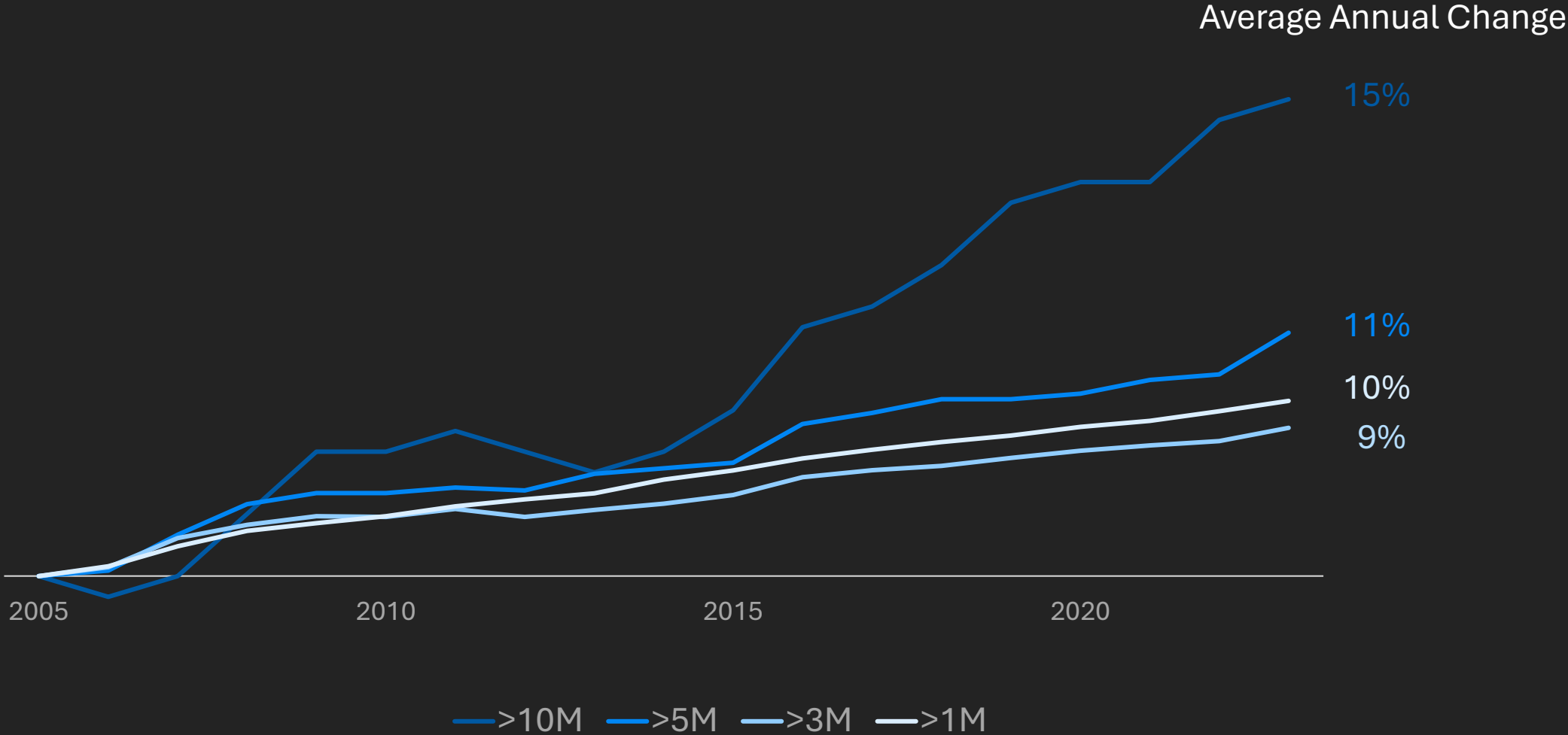
# Large Losses as a % of Earned Premium



A large loss is defined as a claim with total incurred greater than \$1M.  
Source: NCCI's Pool Data, based on data through 9/30/2023.  
Traumatic only.

# Relative Cumulative Growth Rates Across Large Loss Layers

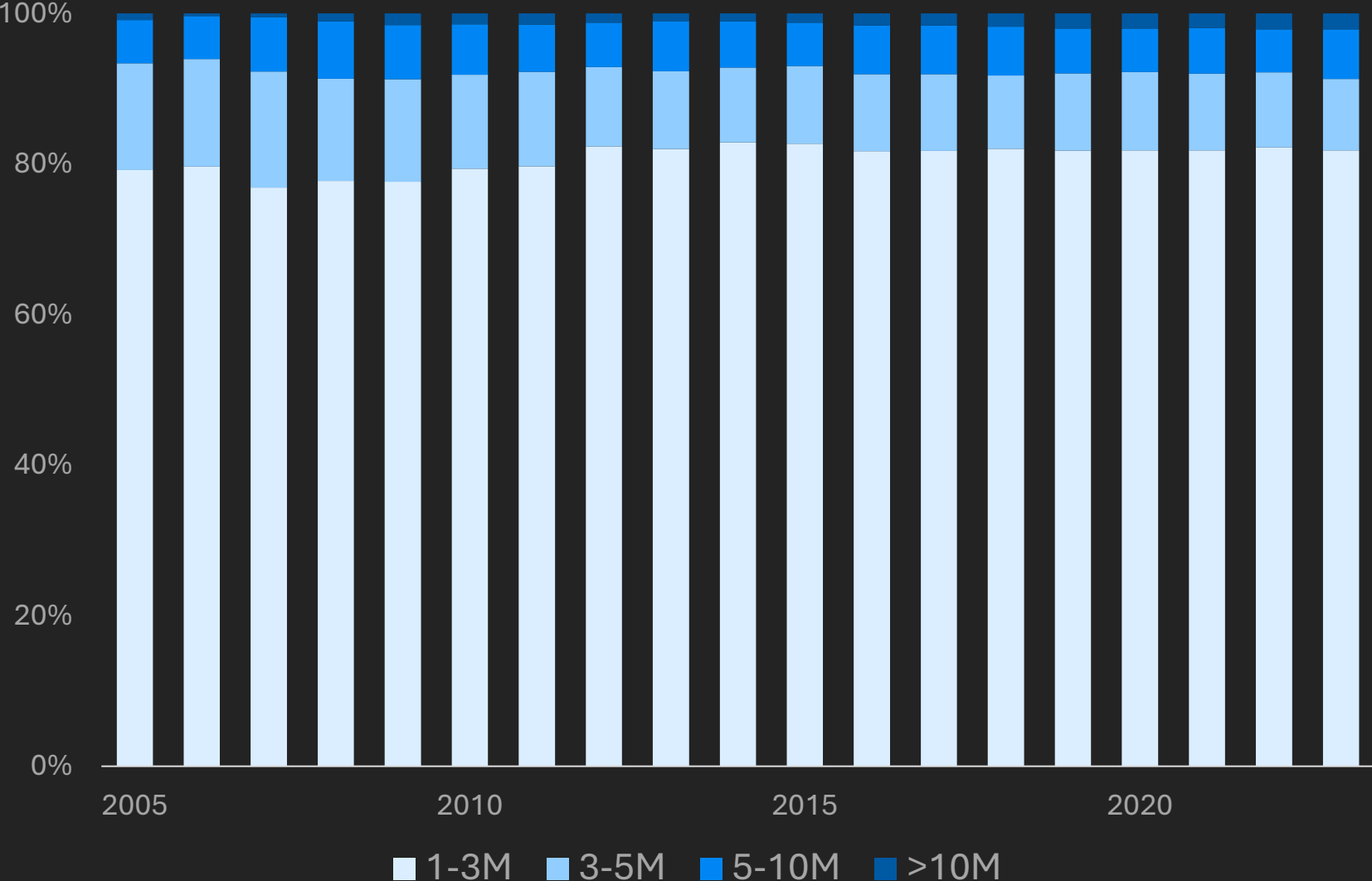
Based on Claim Counts



Source: NCCI's Pool Data, based on data through 9/30/2023 at 9/30 quarter end dates. Traumatic only.

# Large Loss Layer Distribution Across Valuations

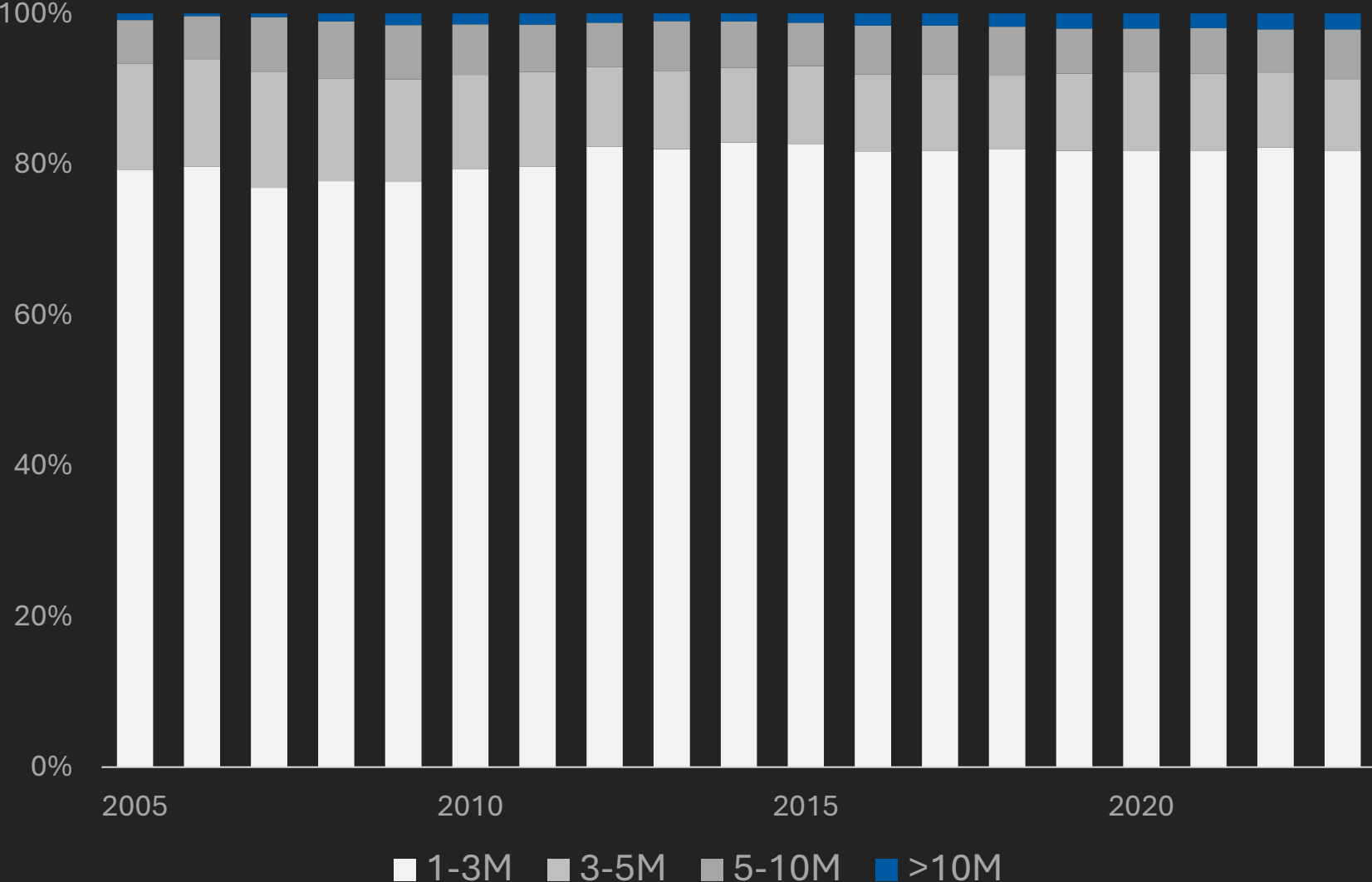
By Claim Count



Source: NCCI's Pool Data, based on data through 9/30/2023 at 9/30 quarter end dates.  
Traumatic only.

# Large Loss Layer Distribution Across Valuations

By Claim Count



Source: NCCI's Pool Data, based on data through 9/30/2023 at 9/30 quarter end dates.  
Traumatic only.

# Large Loss Characteristics

A group of business professionals in a meeting, overlaid with a purple gradient. The image shows several people in business attire engaged in conversation. The text 'Large Loss Characteristics' is centered over the image in a white, sans-serif font.

# Top 5 Codes for Large Losses

Claim Counts

120

100

80

60

40

20

0



Carpentry

5645  
HG G



Roofing

5551  
HG G



Trucking

7219  
HG F



Tree Pruning

0106  
HG F



Painting

5474  
HG G

A large loss is defined as a claim with total incurred greater than \$1M.

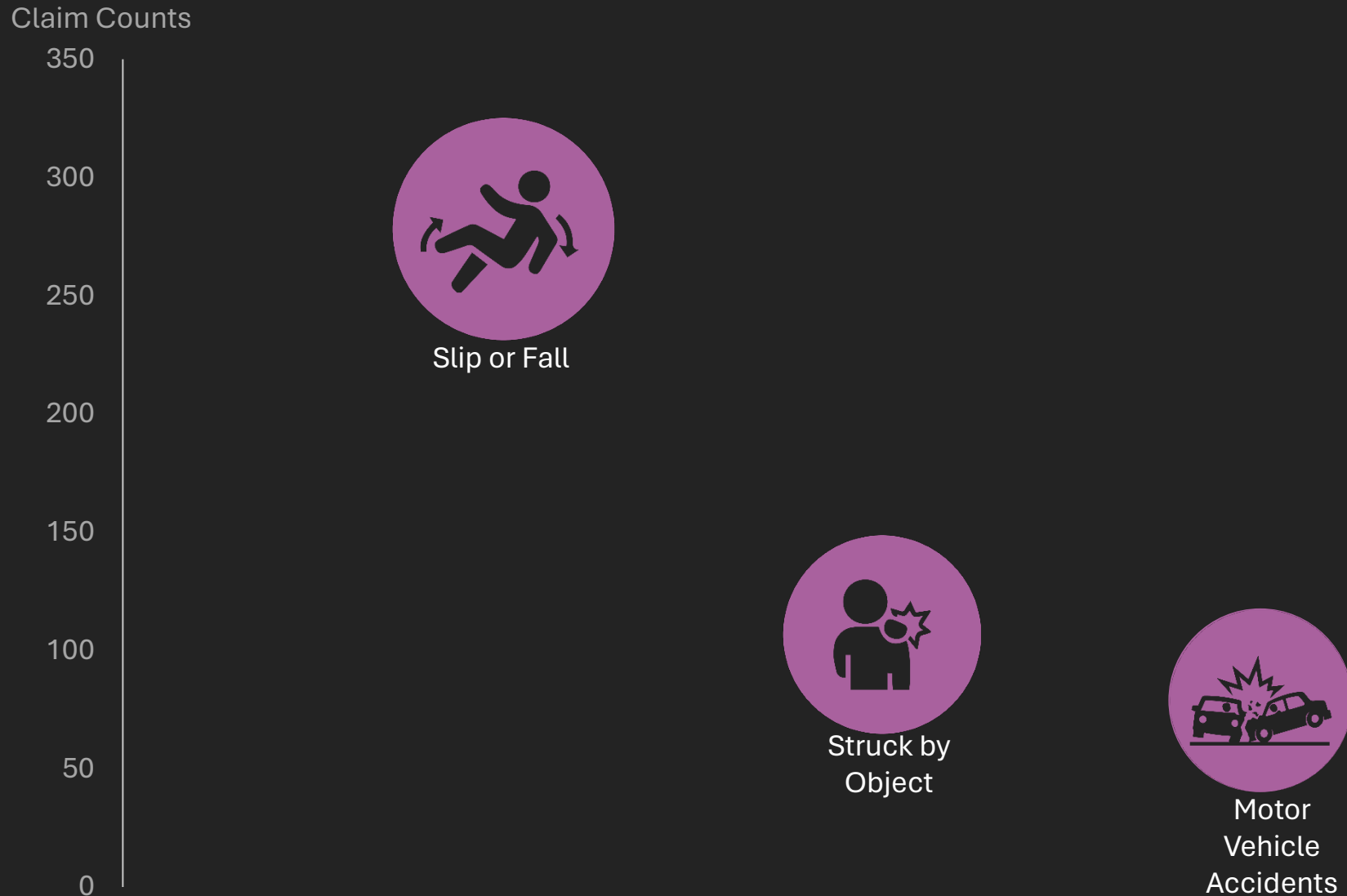
Source: NCCI's Statistical Plan data and NCCI's Pool Data, based on data through 9/30/2023; excludes DE, MA, MI, NJ.

Traumatic only.

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# Large Loss by Cause of Injury



A large loss is defined as a claim with total incurred greater than \$1M.

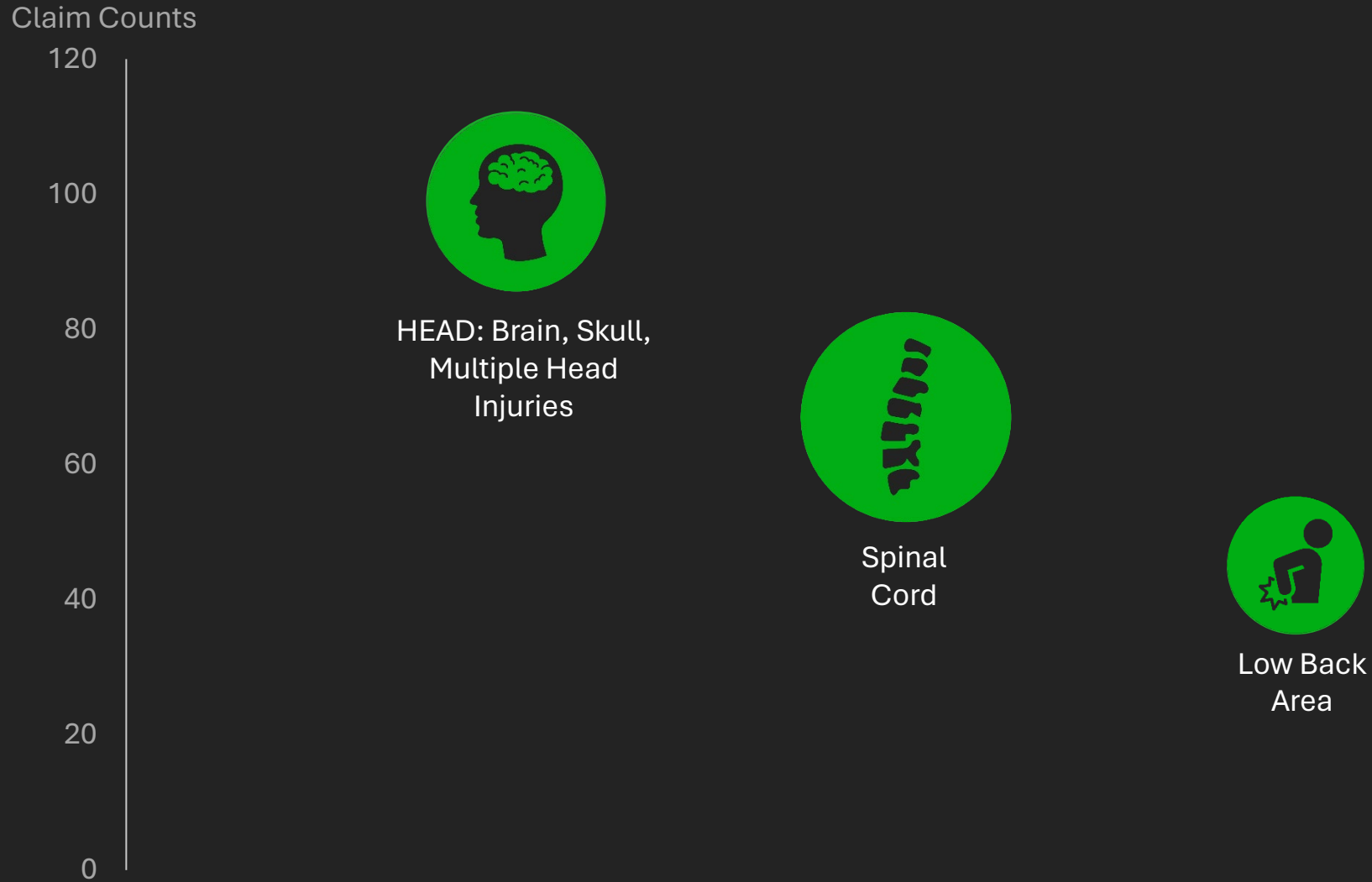
Source: NCCI's Statistical Plan data and NCCI's Pool Data, based on data through 9/30/2023; excludes DE, MA, MI, NJ.

Traumatic only.

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# Large Loss by Part of Body



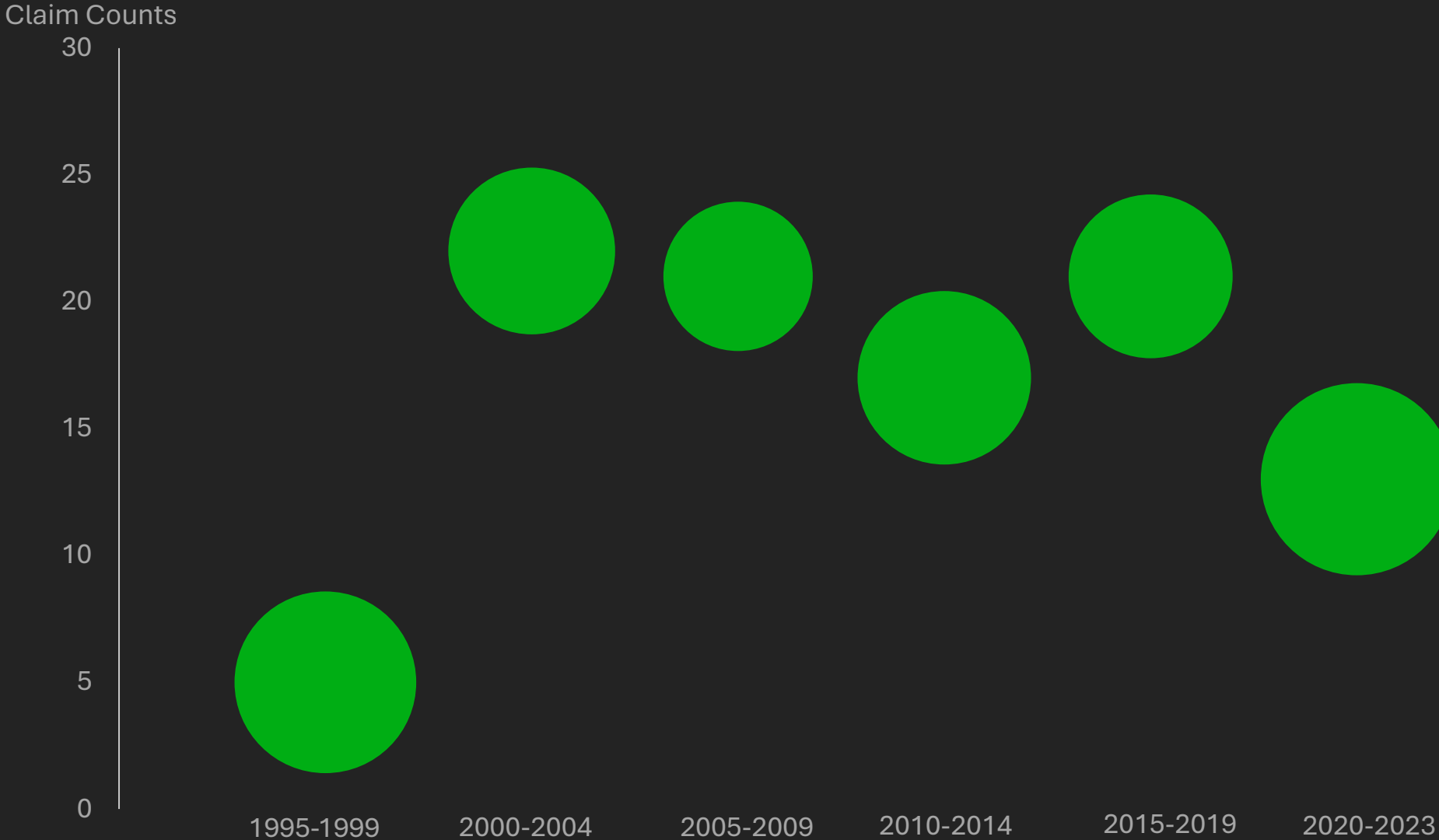
A large loss is defined as a claim with total incurred greater than \$1M.

Source: NCCI's Statistical Plan data and NCCI's Pool Data, based on data through 9/30/2023; excludes DE, MA, MI, NJ.

Traumatic only.

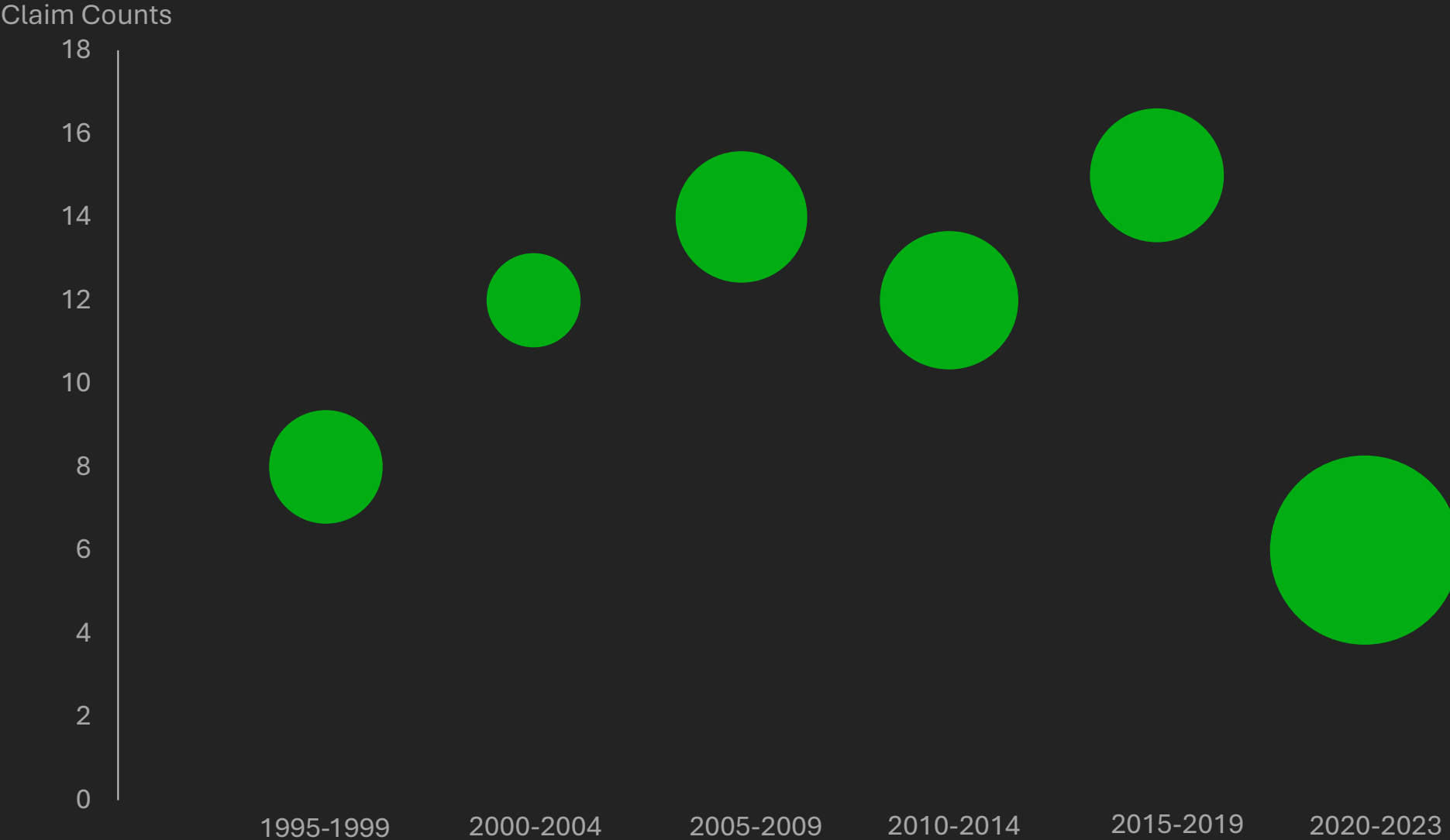
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# Head Injuries: Brain, Skull, Multiple Head Injuries



A large loss is defined as a claim with total incurred greater than \$1M.  
Source: NCCI's Statistical Plan data and NCCI's Pool Data, based on data through 9/30/2023; excludes DE, MA, MI, NJ.  
Traumatic only.

# Spinal Cord Injuries



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Source: NCCI's Statistical Plan data and NCCI's Pool Data, based on data through 9/30/2023; excludes DE, MA, MI, NJ.  
Traumatic only.

# Key Takeaways



Number of Large Claims Is Rising

Large Claims = 13% of Total Losses

#1 Cause of Large Losses = Slip or Fall

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A close-up, low-angle shot of a laptop keyboard and screen. The screen displays a futuristic digital interface with various medical and technology icons, including a plus sign, a person, a heart with a pulse line, a pill, and a flame. The background is dark and blurred, with a bright light source creating a lens flare effect.

# THANK YOU

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2024