

Lightning Concerns



3 killed, 1 injured near White House

**Mother killed, child & dog injured
in Orlando**



Florida Keys
WEATHER FORECAST OFFICE



<http://www.weather.gov/key>
[facebook.com/NWSKeyWest](https://www.facebook.com/NWSKeyWest)



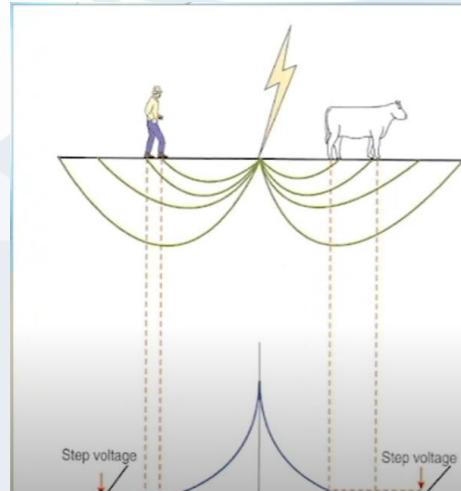
[@NWSKeyWest](https://twitter.com/NWSKeyWest)

It's really not about being directly struck!



Direct Strike

3-5% ?



Ground Current

Step Voltage
Ground Potential

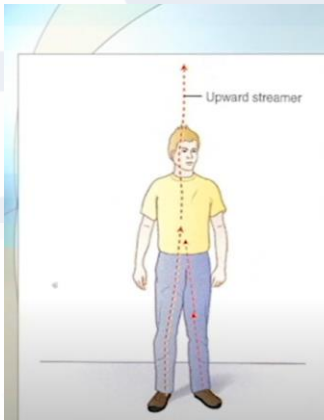
Surface Arcing

40-50% ?



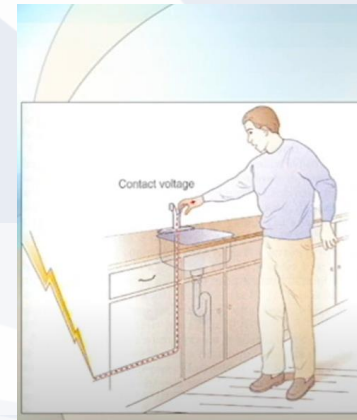
Side 'Splash'
Side Flash

20-30% ?



Upward
Leader / Streamer

10-15% ?



'Conduction'
Contact Injury

15-20% ?



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Why People Are Struck by Lightning

- They don't understand the dangers of lightning.
- They choose to ignore those dangers.
- They don't realize that a storm is approaching.
- They wait too long to start heading to safety.
- They simply can't get to a safe place before the lightning threat arrives.

Play (k)



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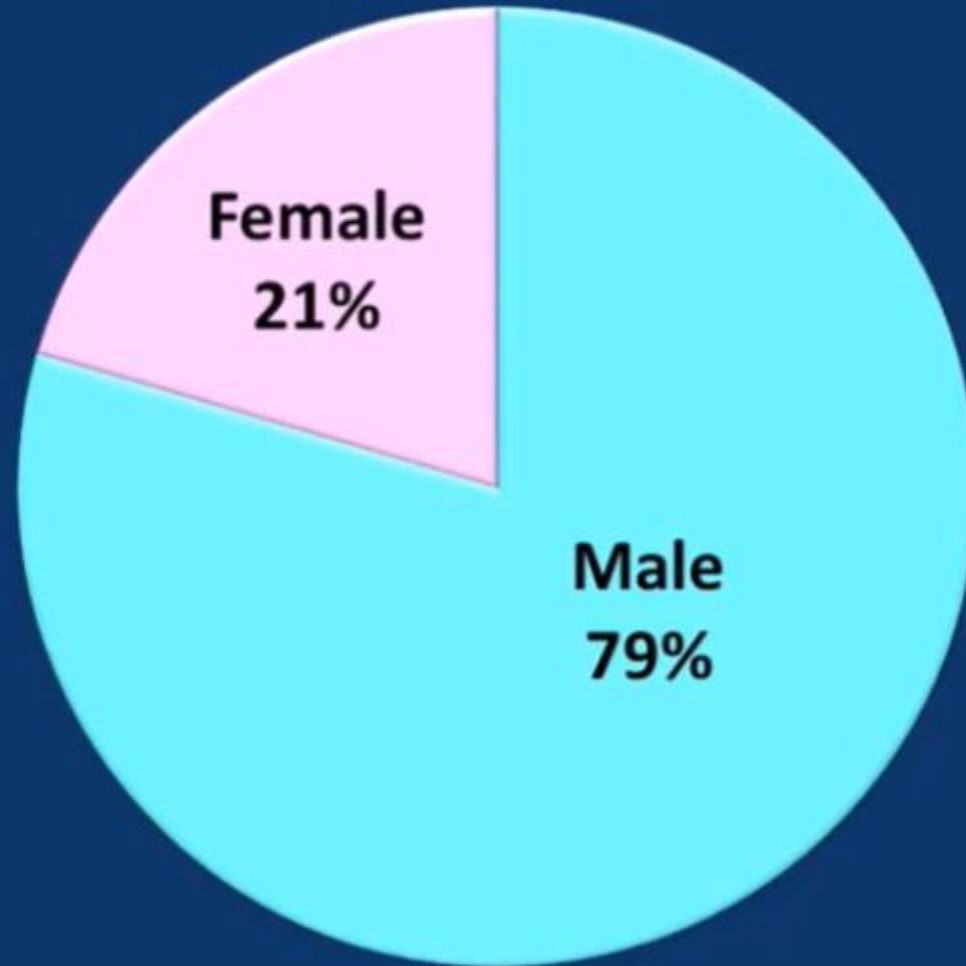
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Lightning Fatalities By Gender



Based on 418 cases from 2006 through 2019

Compiled by
John Jensenius

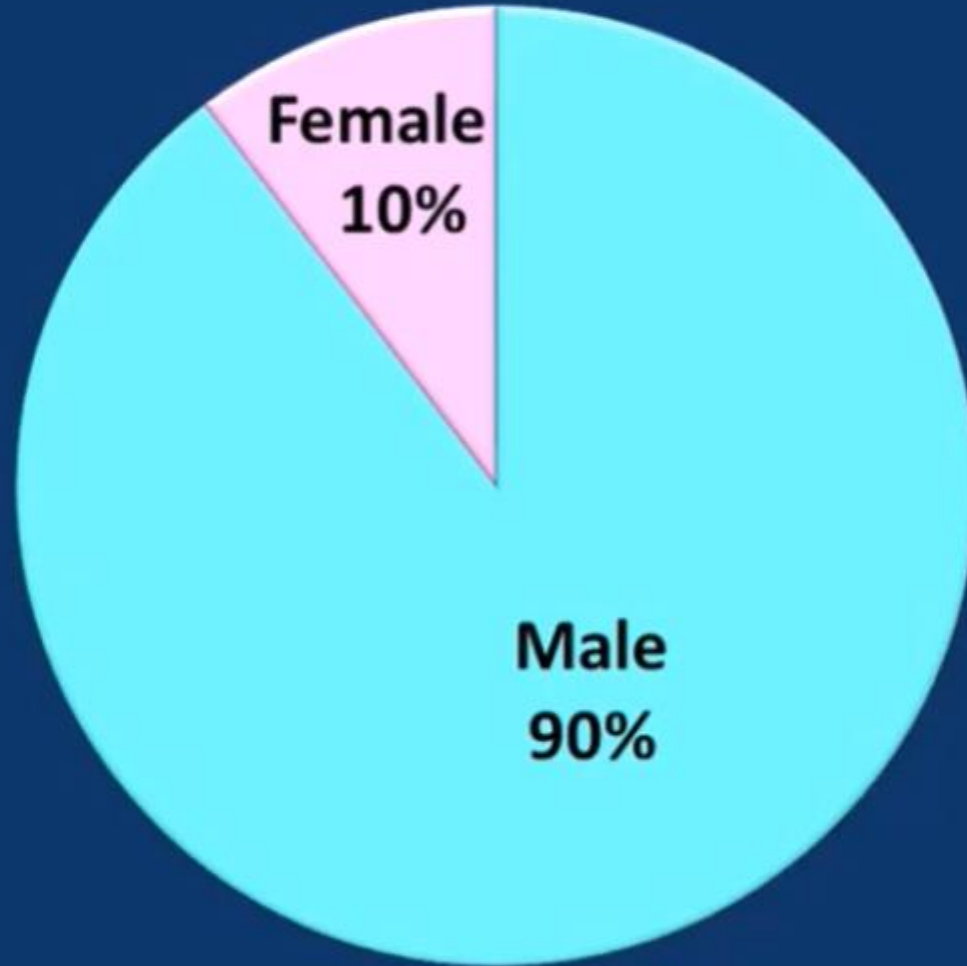


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Lightning Fatalities

Work



Based on 77 cases from 2006 through 2019

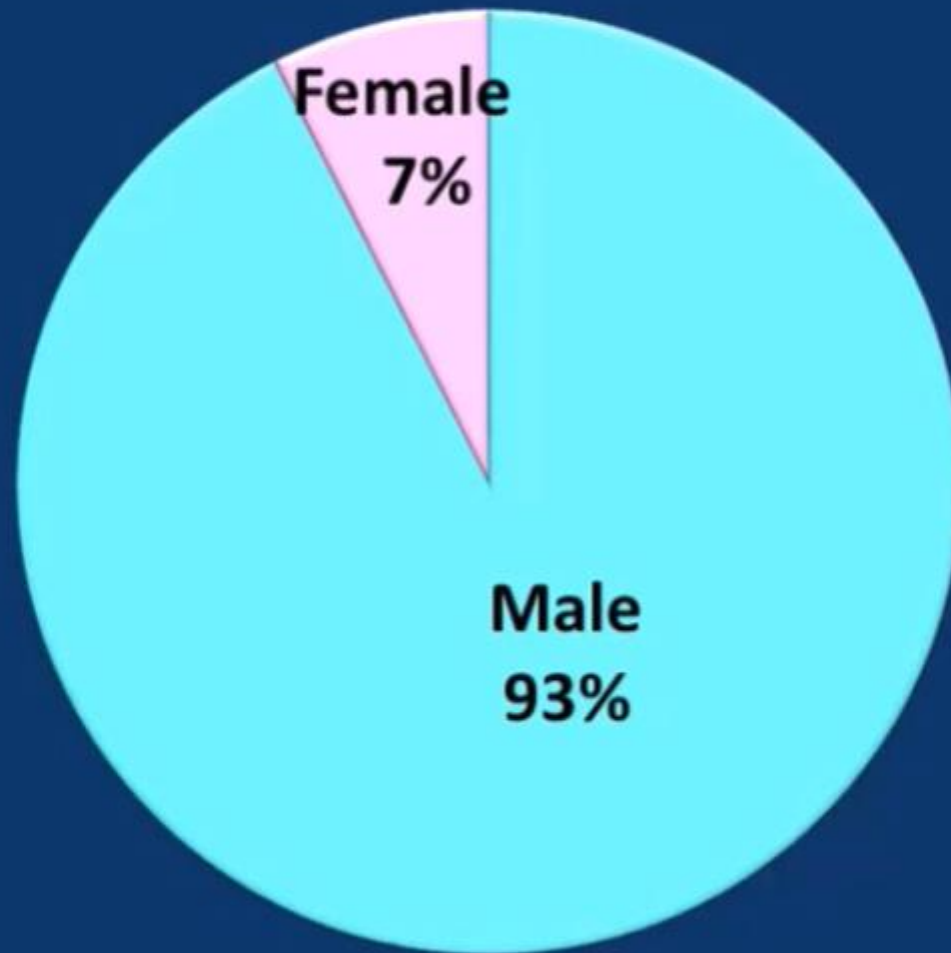
Compiled by
John Jensenius



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Lightning Fatalities Fishing



Based on 40 cases from 2006 through 2019

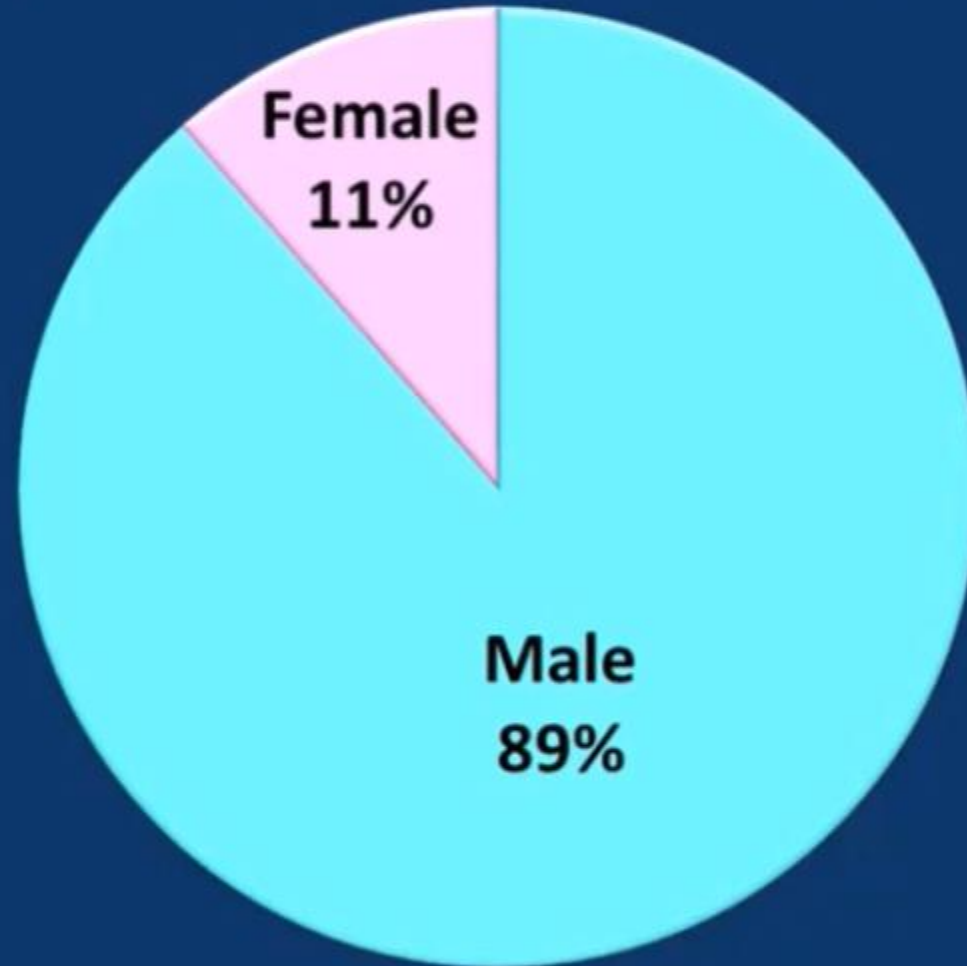
Compiled by
John Jensenius



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Lightning Fatalities Sports-Related Activities



Based on 35 cases from 2006 through 2019

Compiled by
John Jensenius



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How To Avoid Being Struck by Lightning

- Understand the dangers of lightning.
- If thunderstorms are forecast, consider cancelling or postponing the activity, especially if you wouldn't be able to get to a safe place quickly.
- Listen to the forecast and monitor weather conditions.
- Don't ignore any signs of a developing or approaching storm.
- If the sky looks threatening or you hear thunder, head to a safe place immediately.

