

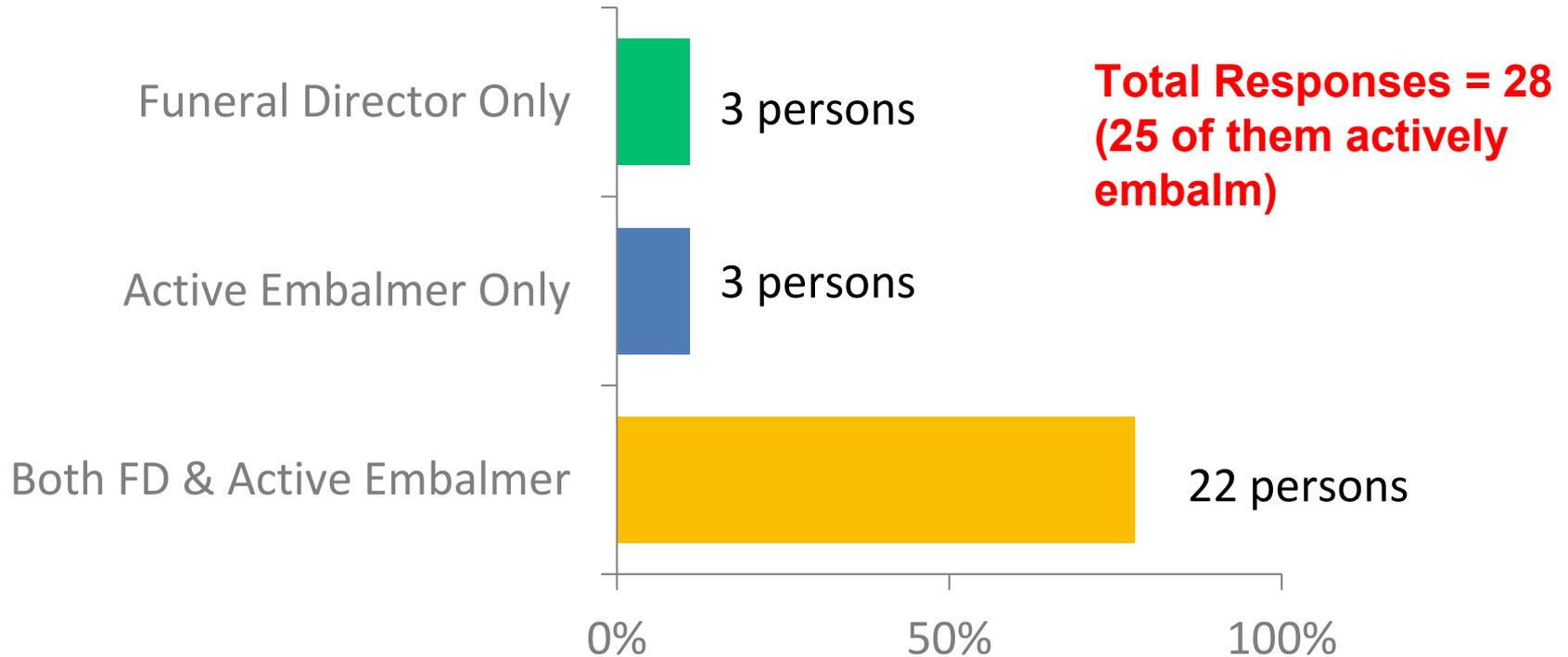
# TENNESSEE FUNERAL DIRECTORS ASSOCIATION EMBALMER BLOOD CLOT SURVEY

(conducted “In-Person” on 8 June 2025  
at TFDA Annual Convention in Franklin, TN)

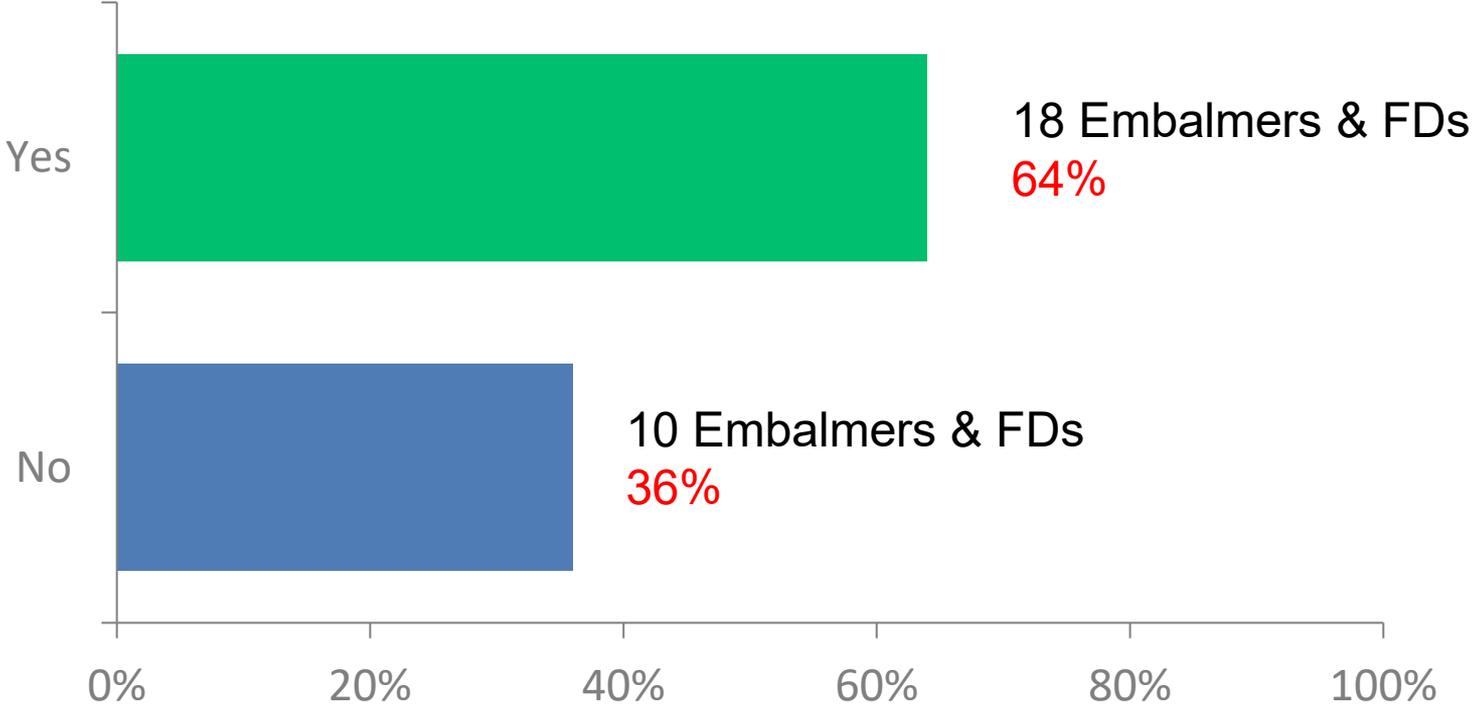
Thomas Havigland

Email: [thomashavigland@sbcglobal.net](mailto:thomashavigland@sbcglobal.net)

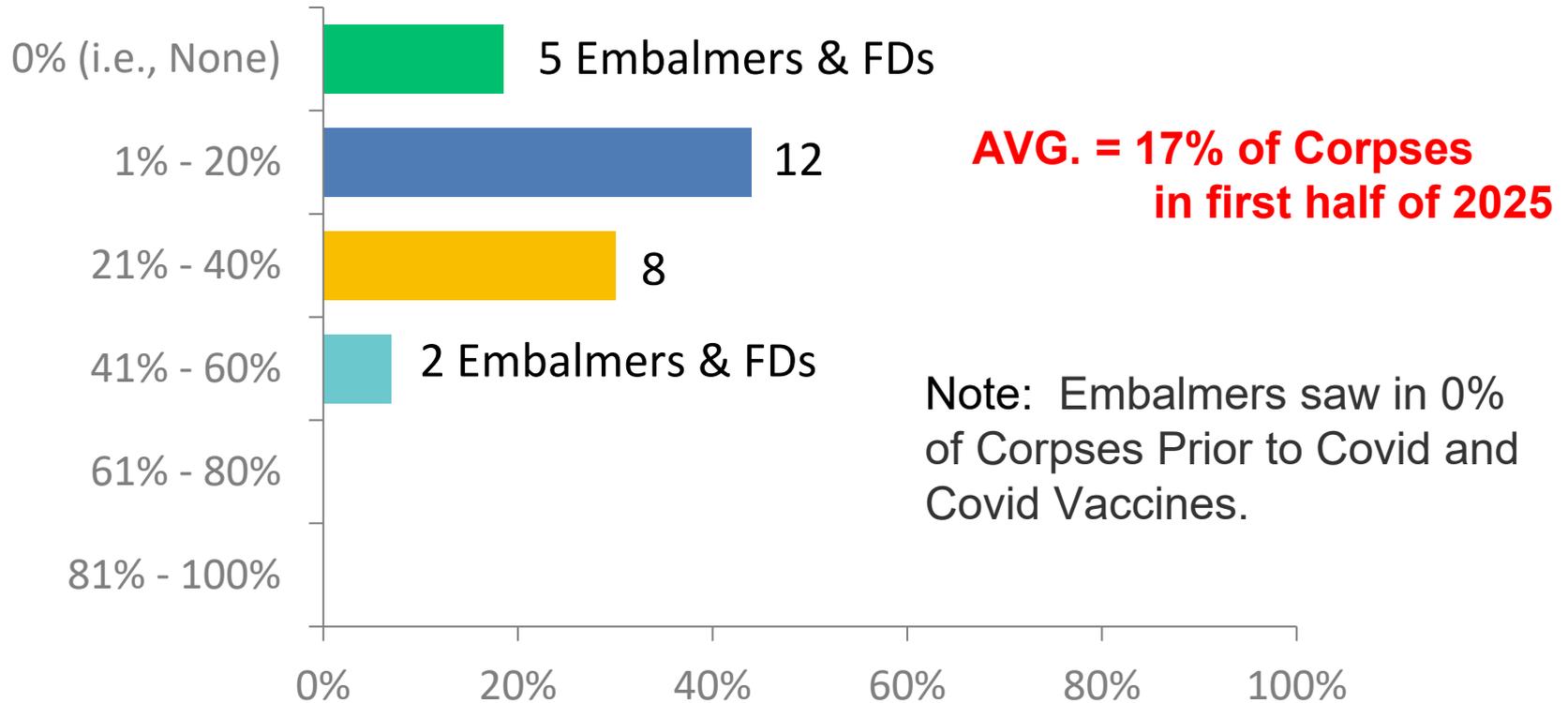
## Q1: What is your current position?



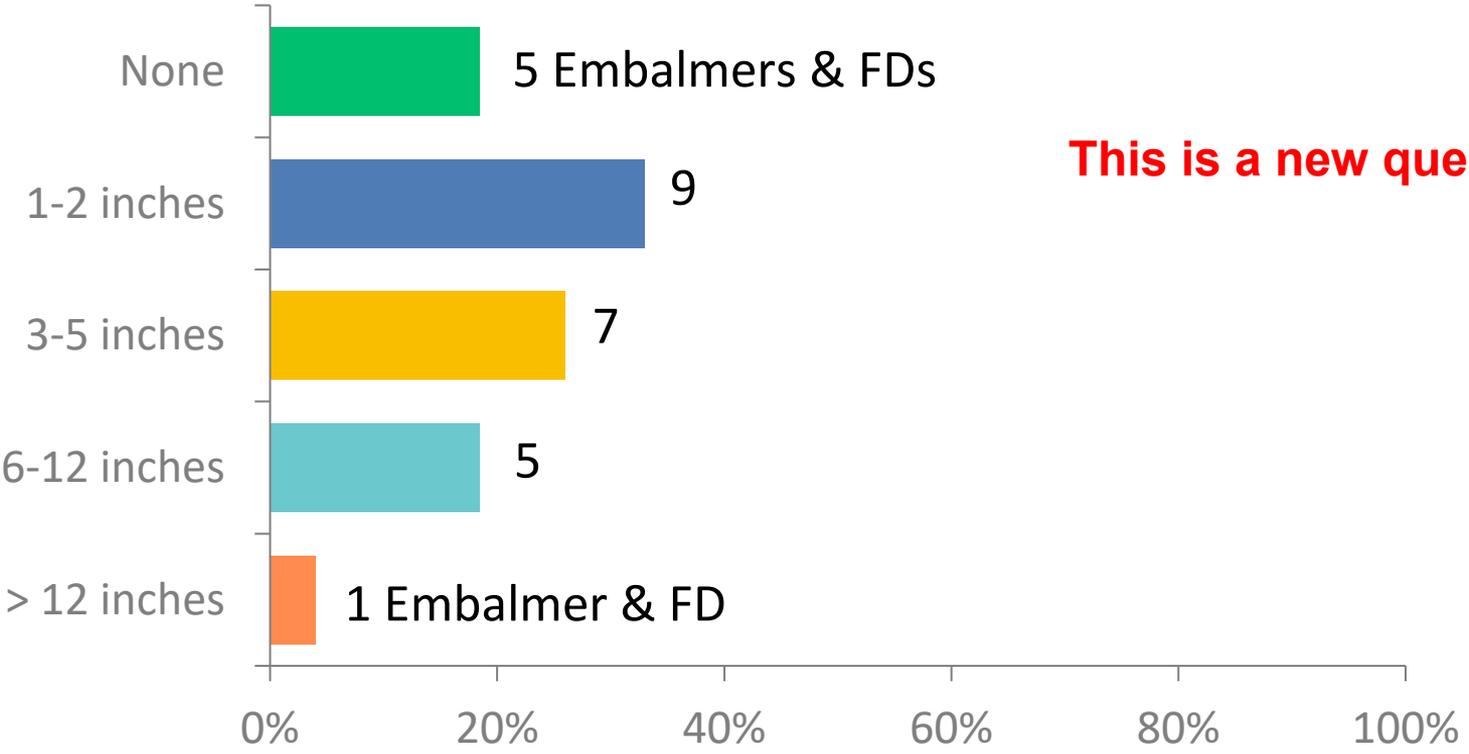
# Q2: Have you seen the white fibrous structures/clots in the veins and/or arteries of your corpses during the first half of 2025?



### Q3: In what percentage of your corpses have you seen the white fibrous structures/clots in 2025?

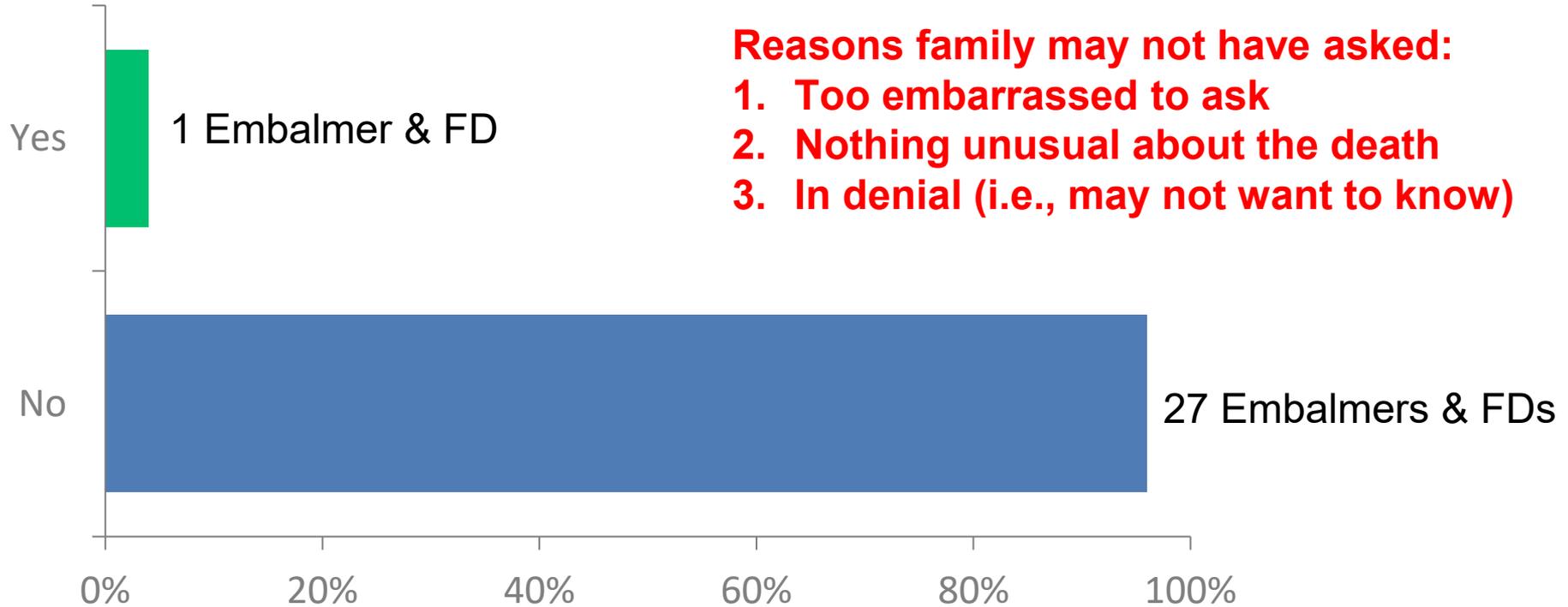


# Q4: What is the longest white fibrous structure/clot that you have seen/removed from a corpse in 2025?



**This is a new question.**

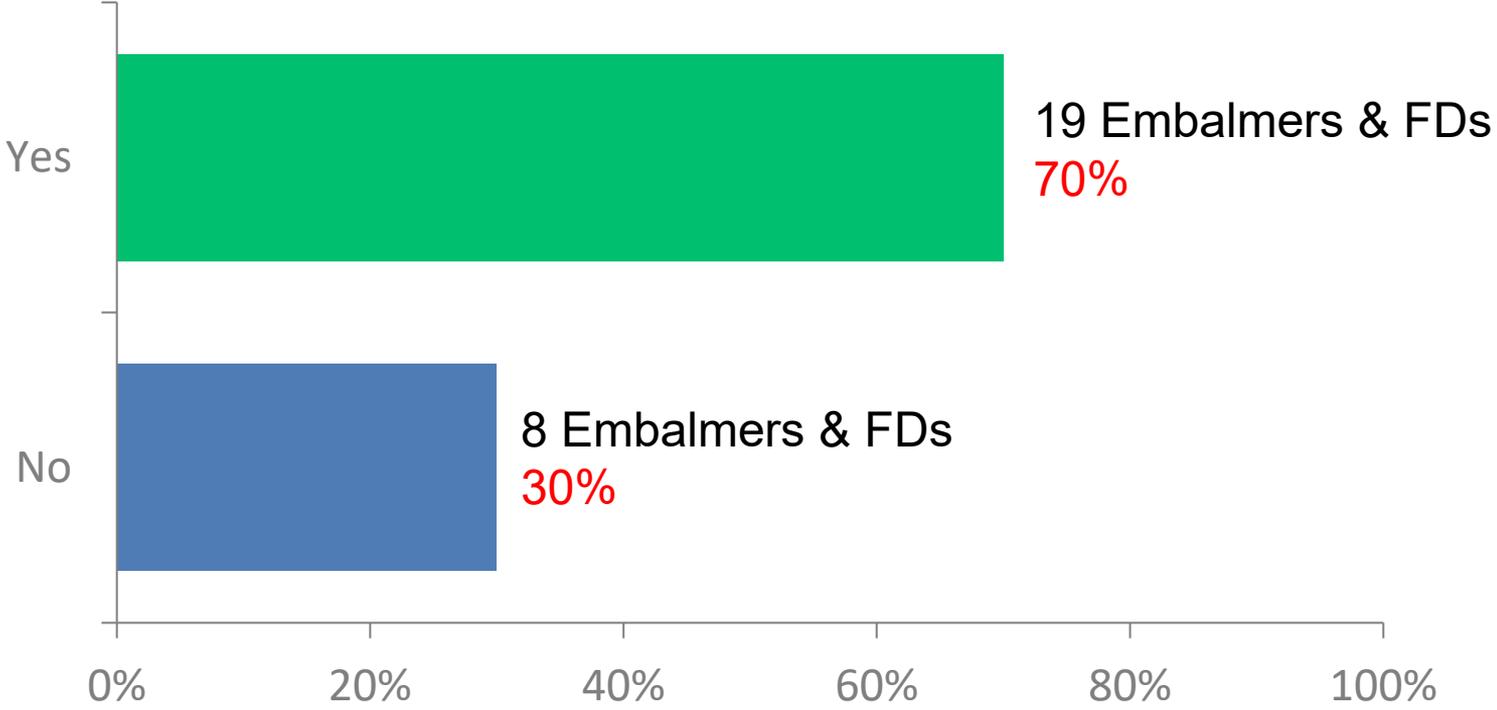
**Q5: Has a family member of the deceased ever asked you to look for the white fibrous structures/clots in their loved one, or asked if you found the white fibrous structures/clots in their loved one in 2025 or any year prior?**



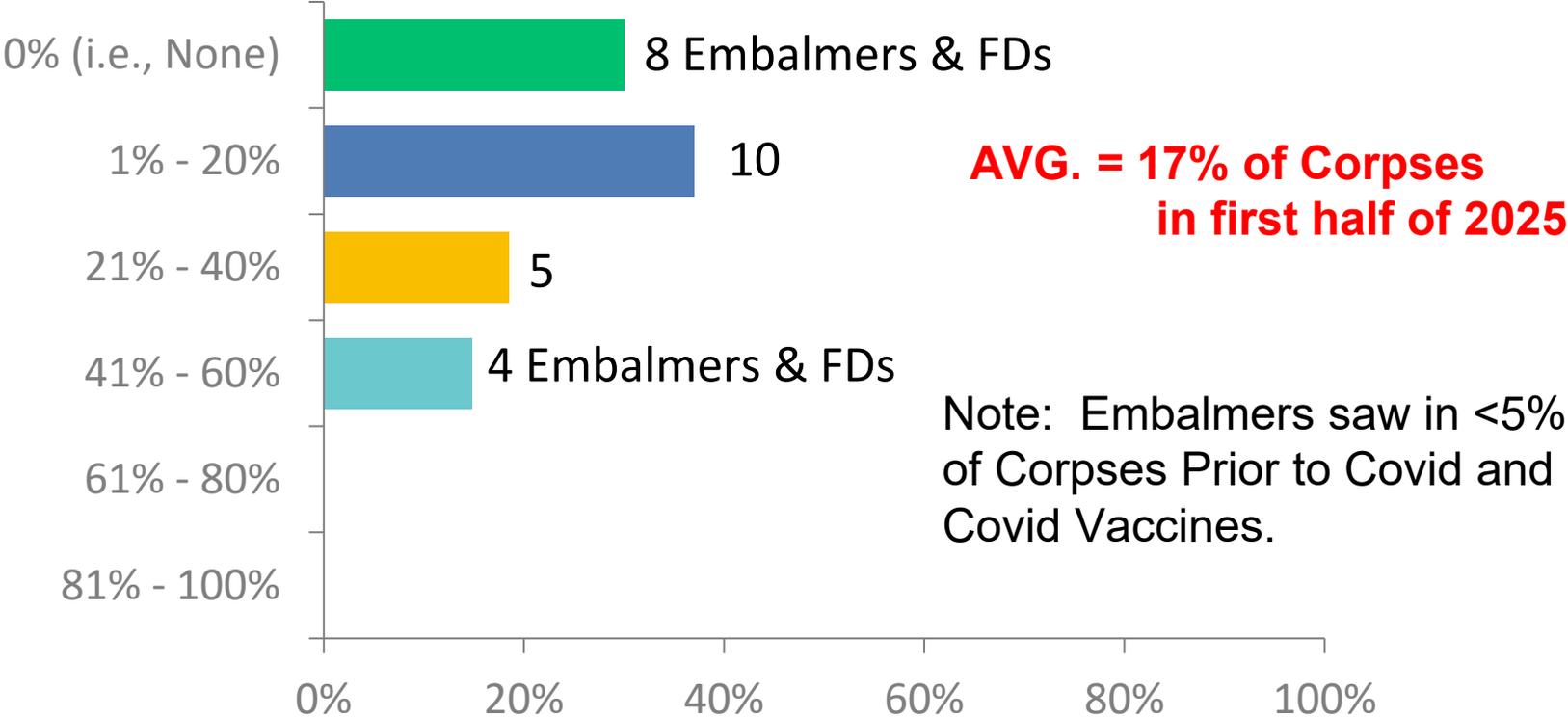
**Reasons family may not have asked:**

- 1. Too embarrassed to ask**
- 2. Nothing unusual about the death**
- 3. In denial (i.e., may not want to know)**

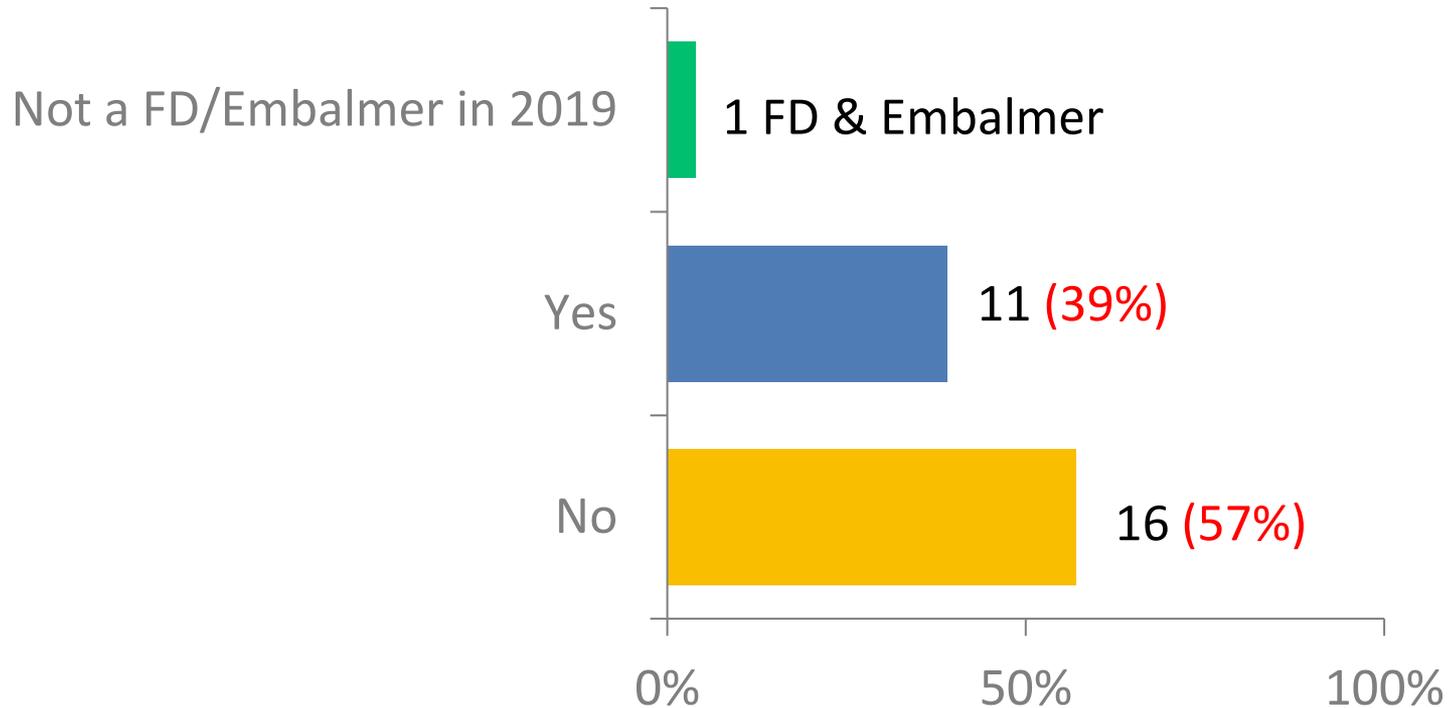
# Q6: Have you seen evidence of “micro-clotting” (also known as “coffee grounds” or “dirty blood”) in the drainage from corpses in 2025?



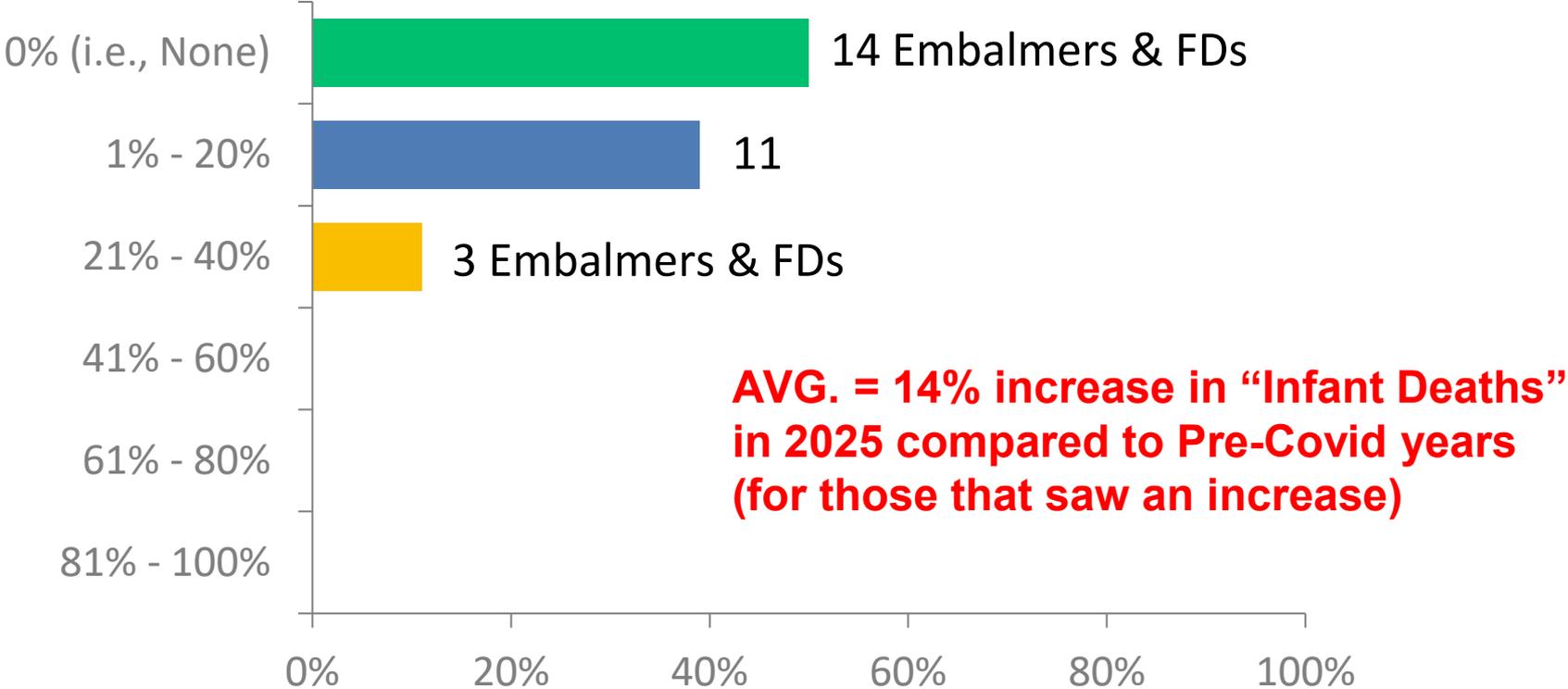
# Q7: In what percentage of your corpses have you seen the micro-clotting/ coffee grounds/dirty blood in 2025?



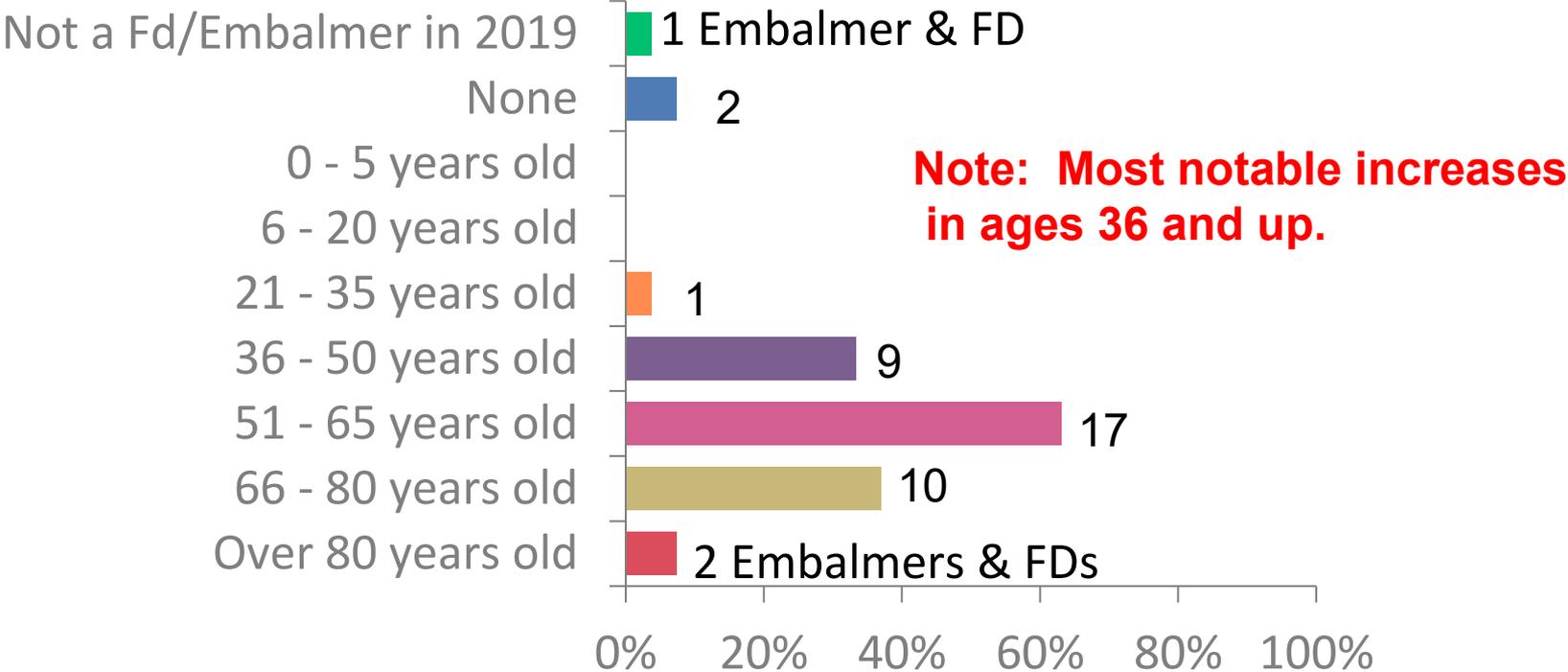
# Q8: Have you noticed an increase in infant deaths, either at your funeral home or your local hospital morgue, in 2025 compared to the years 2019 and prior?



# Q9: What percentage increase in infant deaths did you see in 2025 compared to the years 2019 and prior?



**Q10: What age groups (CHECK ALL THAT APPLY) did you see an increase in the number of clots (any type) in 2025 when compared to the years 2019 and prior?**



# Embalmers' "Comments"

(just 3 received)

**COMMENT 1 - We have seen an increase in stillborn deaths. Most are around 19 weeks.**

**COMMENT 2 - Saw several (“white fibrous structures/clots”) in 2023 and 2024 but none this year. But have done less embalming this year than the past few years. Also, we don’t get a lot of infants.**

**COMMENT 3 - I do not do very many embalmings or burials, so that’s why I don’t have many young people.**