



# Police Body Cameras

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# Research Question

The effects of police body cameras on public and officer safety.

Why we chose this.

Benefits of this study.

Issues that led us to this topic.



# Literature Reviews

There was a randomized experiment and study that was done in the Orlando Florida Police wanted to address three research questions regarding police worn body cameras:

1. Do police officers randomly assigned to wear body worn cameras (BWCs) differ from officers that were not randomly assigned to wear BWCs in response to resistance incidents and serious external complaints at a 12 month follow up?

Continued...

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2.) Are there significant differences in the outcome within groups in the 12 month prior to implementation of the BWCs compared the the 12 month post-implementation of the BWCs?

3.) What are the attitudes and perceptions of officers who wore BWCs post-implementation at 12 month follow-up?”

Their study was from the gold standard in experimental research design. The conclusions from the study were:



## Results from the Orlando Police Department:

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- 1.) They found the body-worn cameras are effective in reducing response-to resistance incidents by 53.4%.
- 2.) Body-worn cameras are effective in reducing serious external complaints by 65.4%.
- 3.) Body-worn cameras improve evidence collection and report writing.

# Seeing is Believing!!!

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“The data for Study 1 was collected prior to media coverage of a widely-publicized police shooting in Ferguson, Missouri. They had participants around the United States watched, listened, or read the transcript of an actual police shooting event. Results indicated that participants who could hear or see the event were significantly more likely to perceive the shooting was justified than they were when they read a transcript of the encounter.



Continued...

Second study was shortly after the events in Ferguson, Missouri, we replicated the first study, finding quite different results. Although dissatisfaction with the shooting was seen in all forms of presentation, video evidence produced the highest citizen perceptions of an unjustified shooting and audio evidence produced the least. Citizens were nonetheless overwhelmingly favorable to requiring police to use body cameras. Body-mounted cameras with high-quality audio capabilities are recommended for police departments to consider” (Culhane et al.)

# Summary of the total 7 Literature Reviews

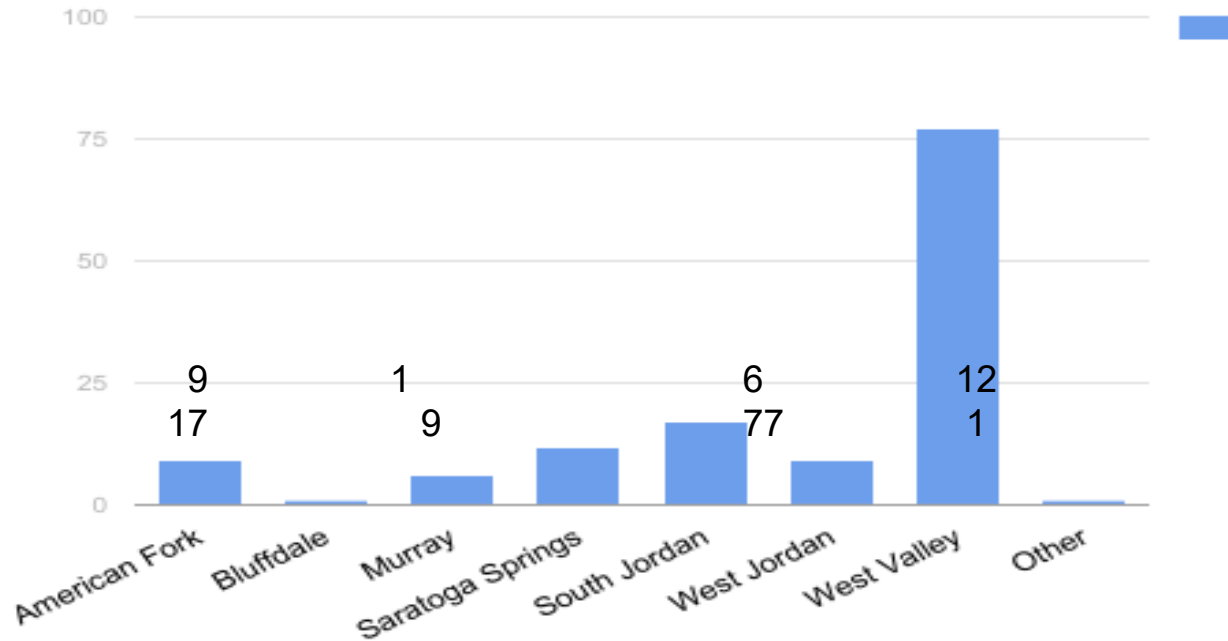
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- Effectiveness of the body cameras
- Legal issues that the body cameras raises. (Public's safety and Privacy)
- Which states are one or two way consent parties
- Use of force and complaints were down
- Written policies of usage for this technology



# Census

35 total questions, 145 responses



# Census Questions, generally

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The device they use, or what they'd prefer

About footage: storage, officer reviewing, public accessibility

Intrusion on privacy: officer, victims, perpetrators, other officers

Camera's reliability

Familiarity with legislation and department policy

Overall opinion on if BWCs are worth the time and money

# Collection, issues, communicating with chiefs, response rate

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Contacting Departments

Departments that agreed to participate

Getting Police Officers to participate

West Jordan-Internal Issues

Improvements

# How long should footage data be stored?

Up to 6 Months  
26.76%

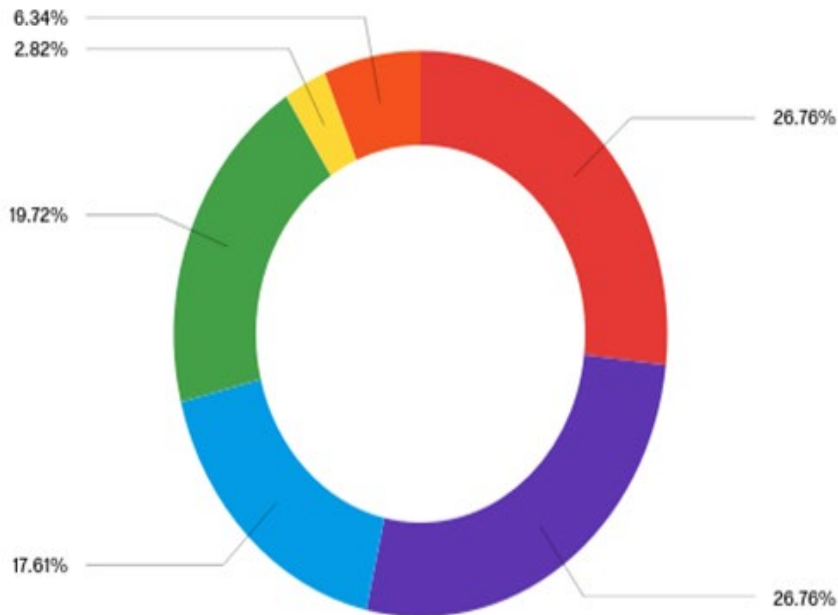
Up to 1 year  
26.76%

Up to 2 years  
17.61%

Up to 5 years  
19.72%

Up to 10 years  
2.82%

10+ years  
6.34%



Up to 6 months Up to 1 year Up to 2 years Up to 5 years Up to 10 years 10+ years

# Body camera footage available to police officers

Yes, my footage is always available  
89.44%

Yes, but do not have easy access  
6.34%

Yes, but only under special circumstances  
4.23%

No, i do not have access to recordings  
0%



■ Yes, my footage is always available to me    ■ Yes, but I do not have easy access

■ Yes, but only under special circumstances    ■ No, I do not have access to my recordings

# Body camera footage available to public/media

**Strongly Agree**  
5.07%

**Agree**  
5.80%

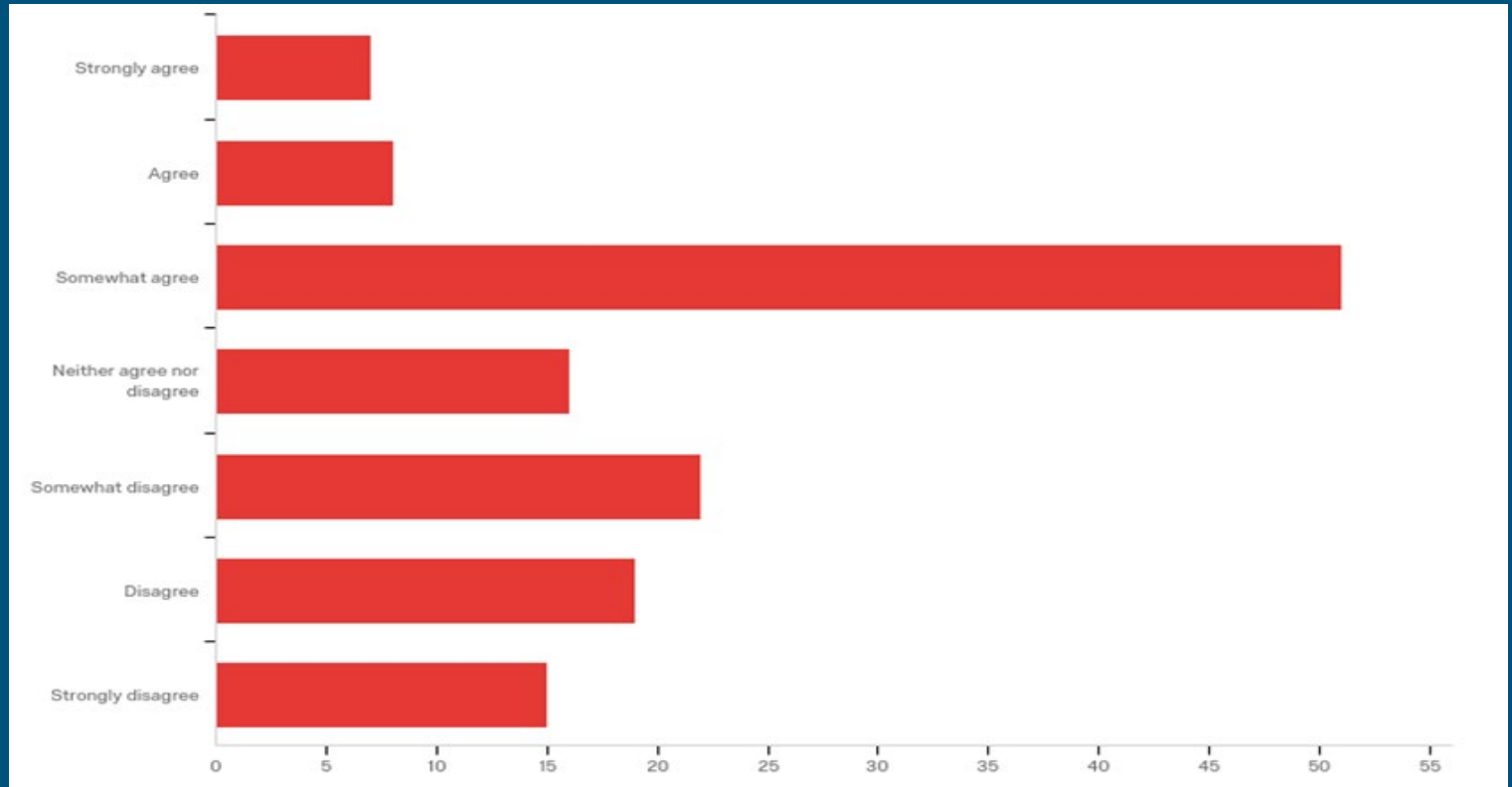
**Somewhat agree**  
36.96%

**Neither agree nor disagree**  
11.59%

**Somewhat disagree**  
15.94%

**Disagree**  
13.77%

**Strongly disagree**  
10.87%



# Impact on Personal Privacy

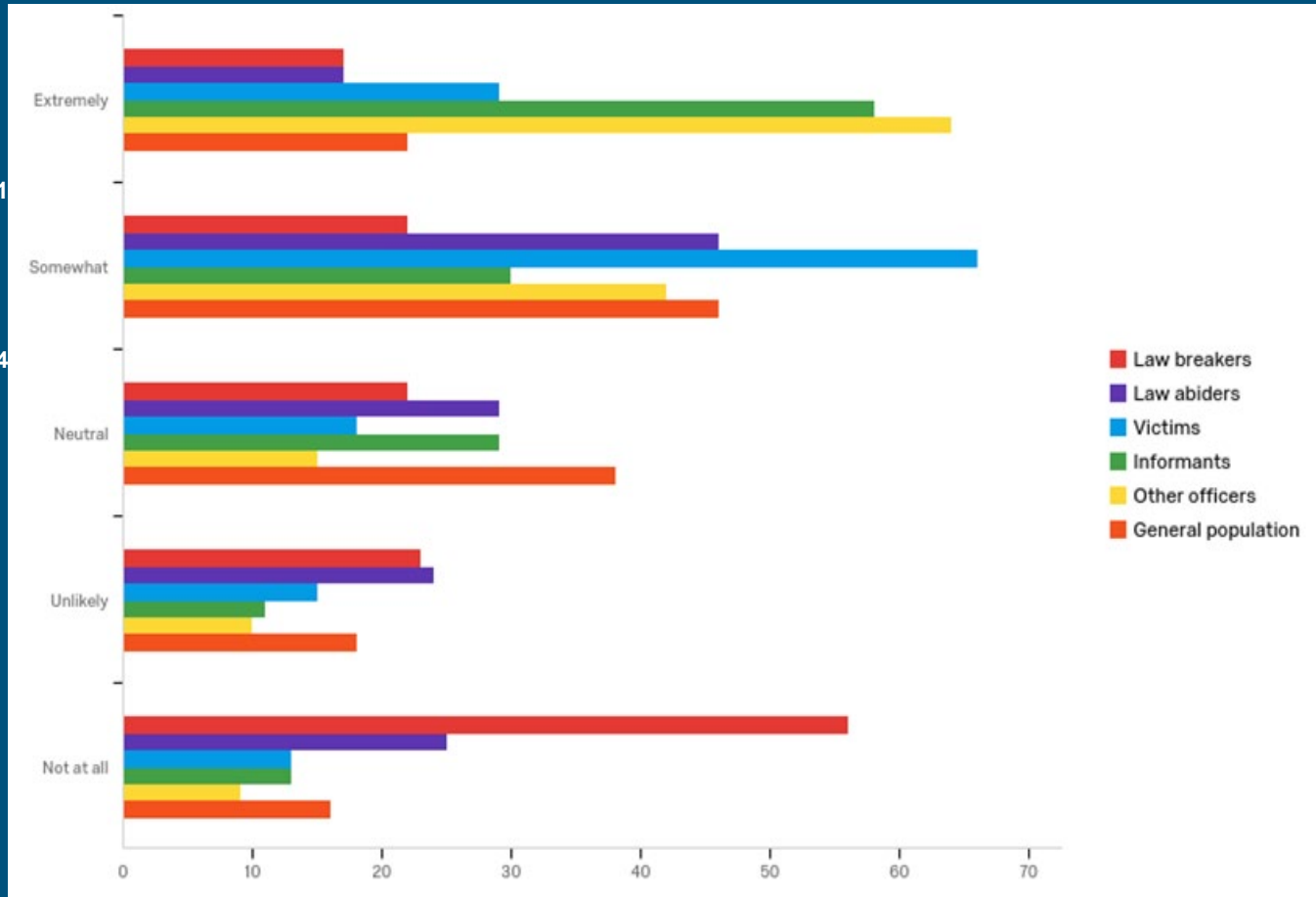
**Extremely**  
12.14%, 12.06%, 20.57%, 41.13%, 45.71%, 15.71%

**Somewhat**  
15.71%, 32.62%, 46.81%, 21.28%, 30%, 32.86%

**Neutral**  
15.71%, 20.57%, 12.77%, 20.57%, 10.71%, 27.14%

**Unlikely**  
16.43%, 17.02%, 10.64%, 7.8%, 7.14%, 12.86%

**Not at all**  
40%, 17.73%, 9.22%, 9.22%, 6.43%, 11.43%



# Cross Tabulation: if the officers experienced a difference in how others treated them VS if they felt they interacted differently in situations

## Strongly Agree

Yes 21.57% No 16.25% Not applicable 10%

## Agree

Yes 13.73% No 13.75% Not applicable 0%

## Somewhat agree

Yes 17.65% No 26.25% Not applicable 0%

## Neither agree nor disagree

Yes 15.69% No 7.5% Not applicable 40%

## Somewhat disagree

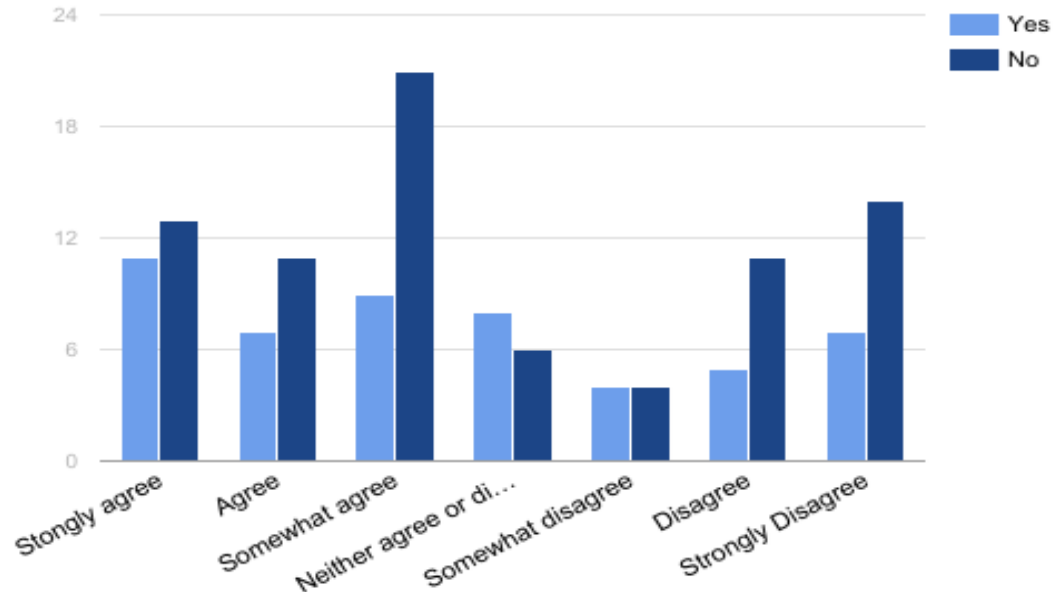
Yes 7.84% No 5% Not applicable 10%

## Disagree

Yes 9.8% No 13.75% Not applicable 30%

## Strongly Disagree

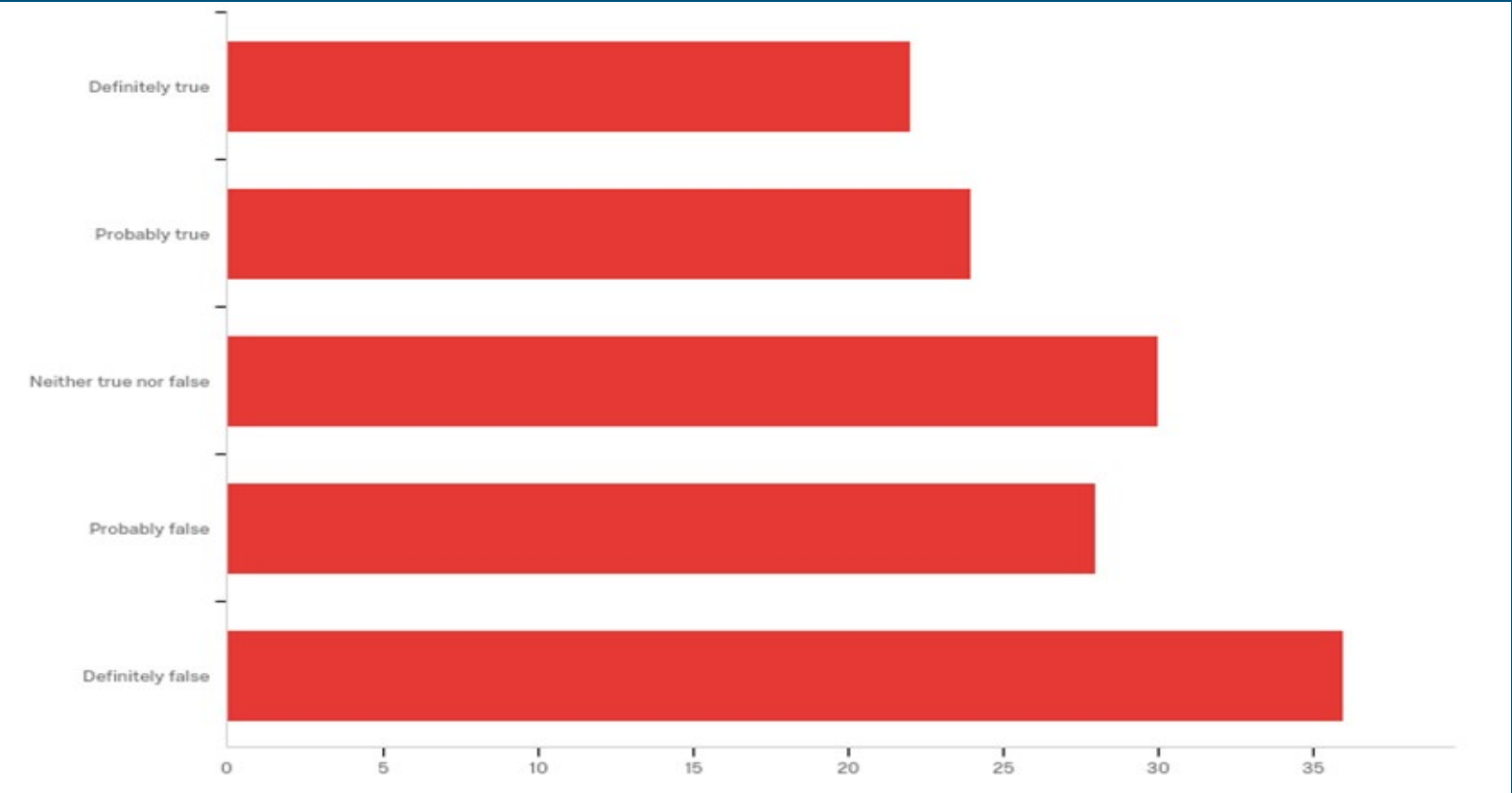
Yes 13.73% No 17.5% Not applicable 10%







# “Wearing a body camera has changed how I interact with the public.”



**Definitely True**  
15.71%

**Probably True**  
17.14%

**Neither true or false**  
21.43%

**Probably false**  
20%

**Definitely false**  
25.71%

# Technological effectiveness

**Extremely likely**  
14.89%, 20.57%, 34.04%, 10.71%

**Moderately likely**  
26.95%, 36.88%, 34.75%, 37.86%

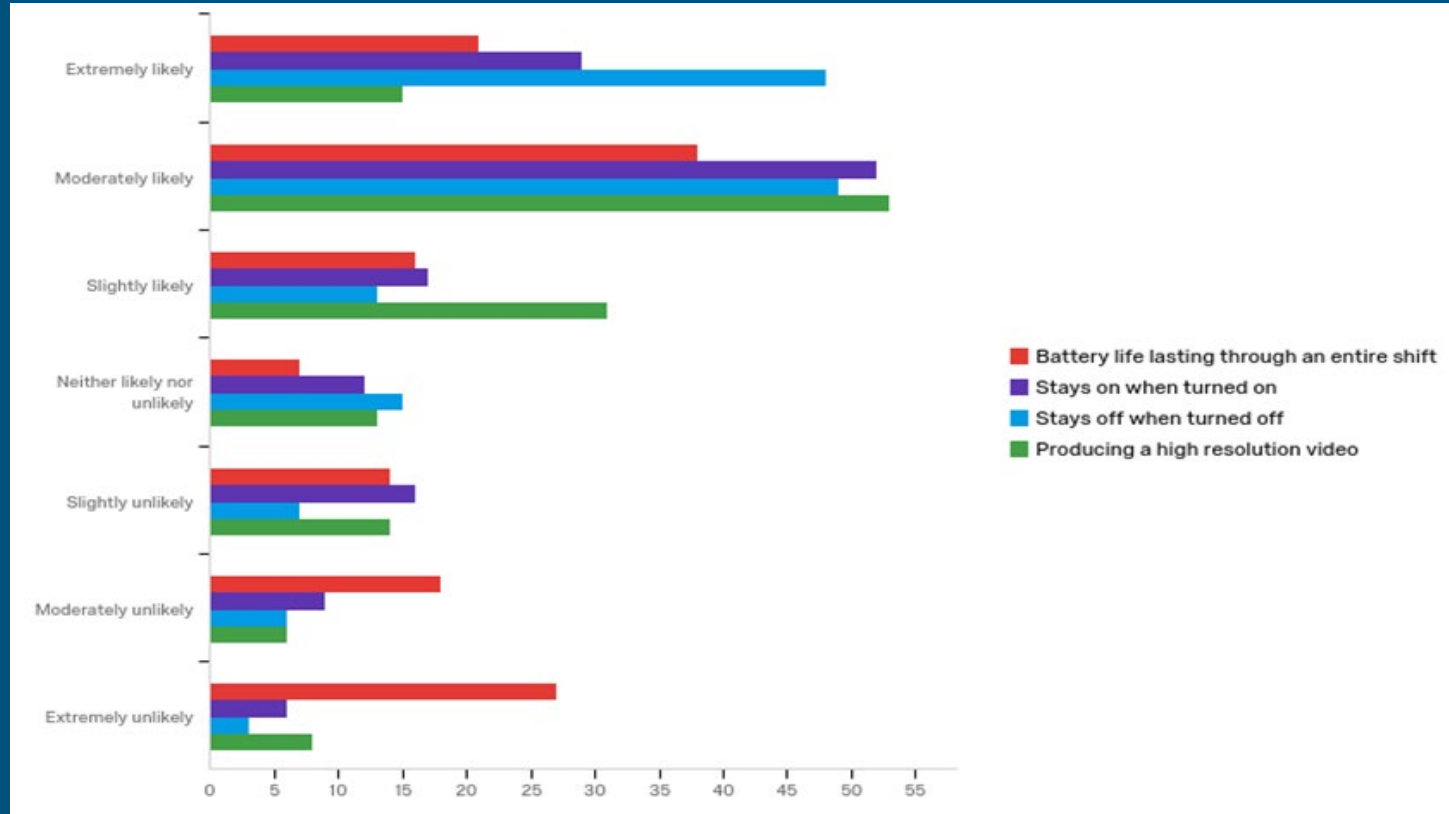
**Slightly likely**  
11.35%, 12.06%, 8.51%, 11.35%

**Neither likely nor unlikely**  
4.96%, 8.51%, 10.64%, 9.29%

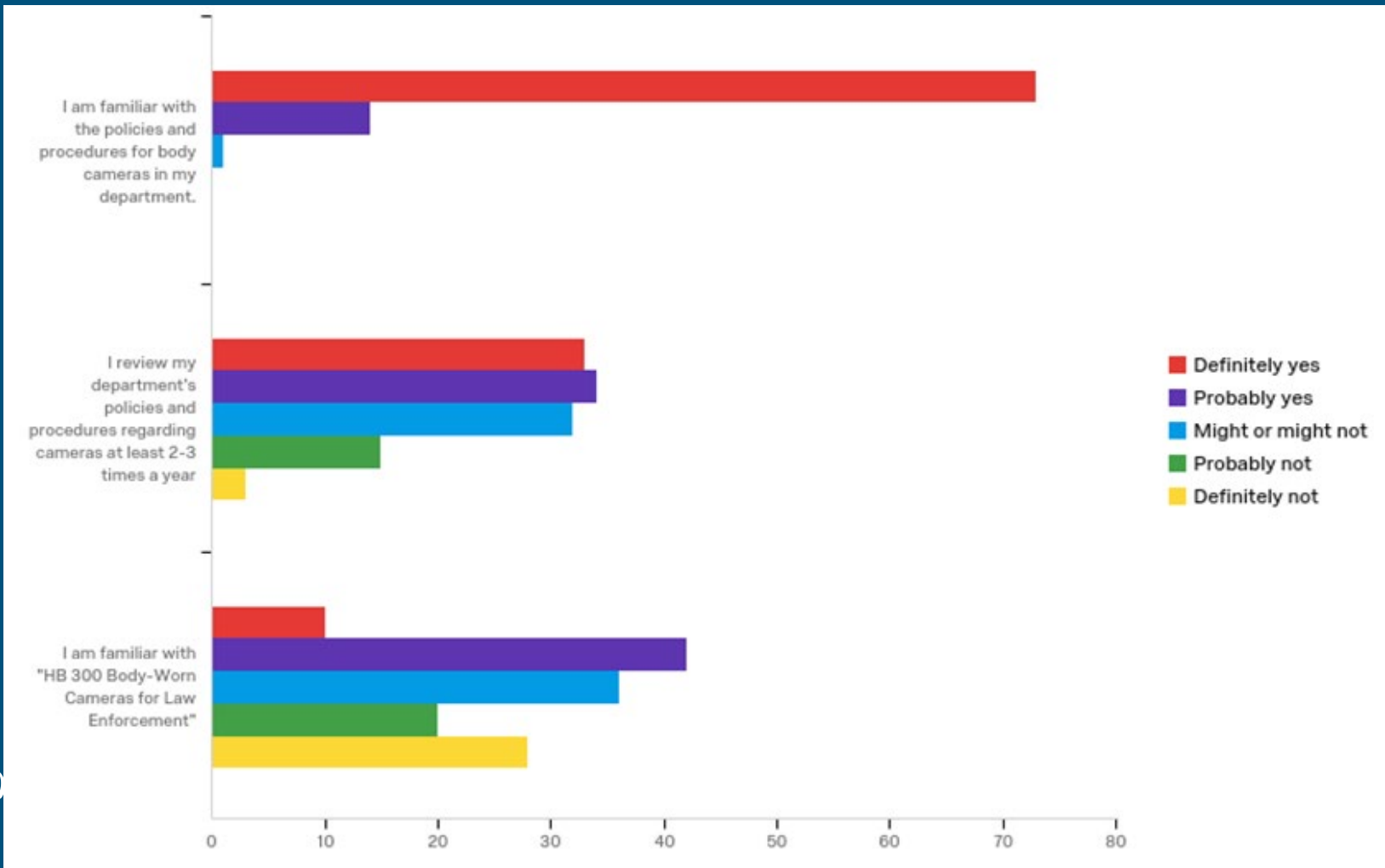
**Slight unlikely**  
9.93%, 11.35%, 4.96%, 10%

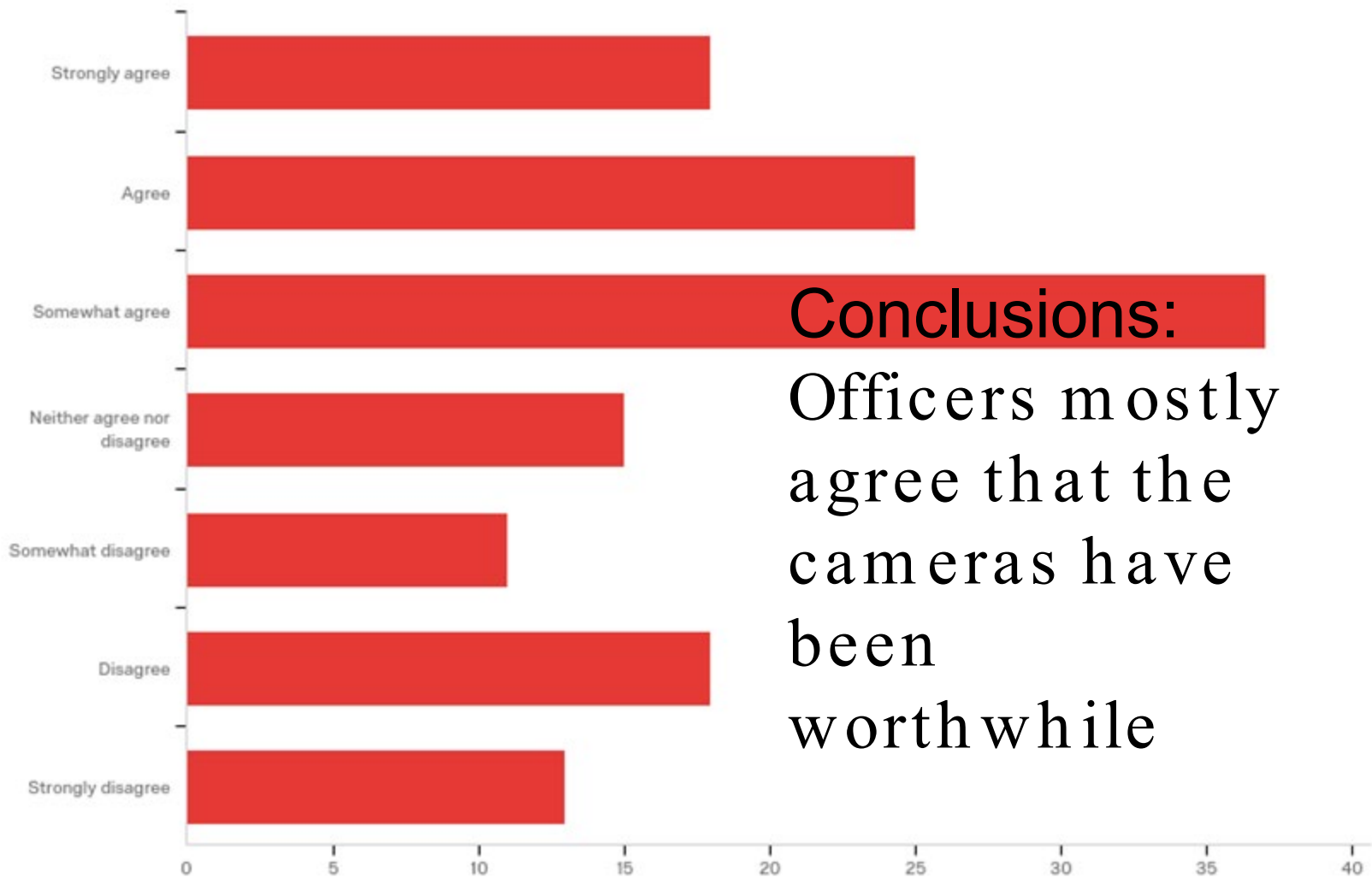
**Moderately unlikely**  
12.77%, 6.38%, 4.26%, 4.29%

**Extremely unlikely**  
19.15%, 4.26%, 2.13%, 5.71%



# Familiarity with policy, procedures, and legislation





**Conclusions:**  
Officers mostly agree that the cameras have been worthwhile



What are your questions?