Mentimeter

Getting to Know You!

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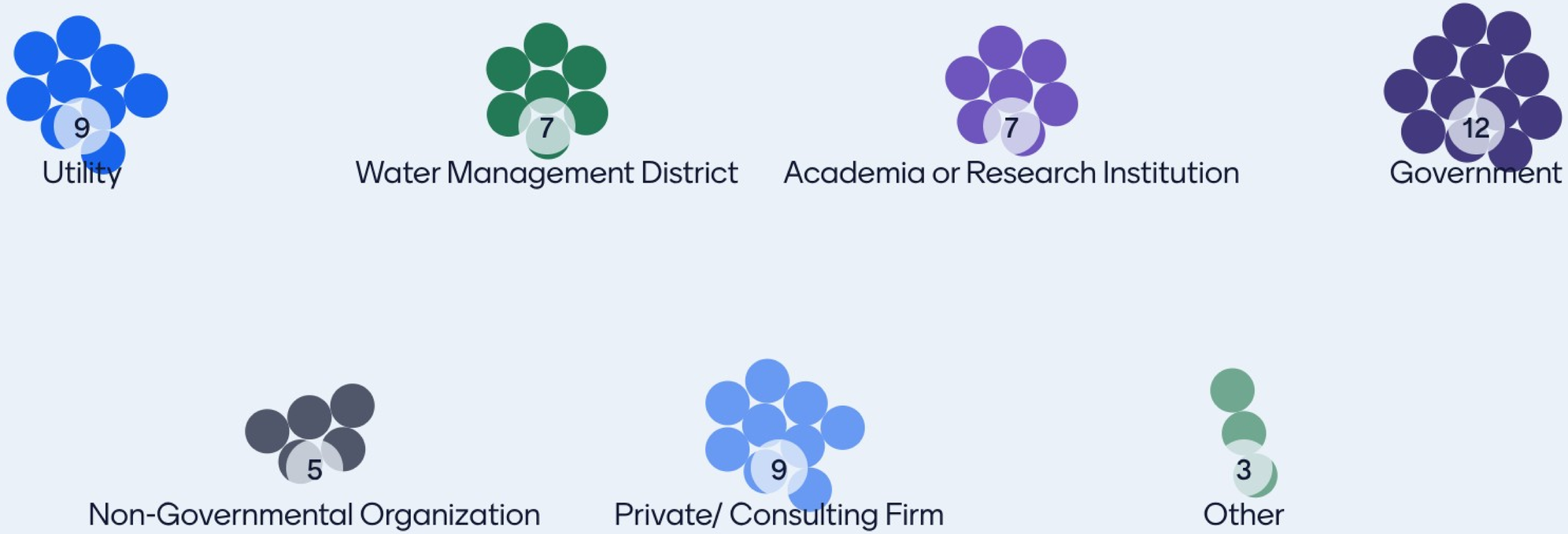
What is your professional affiliation:



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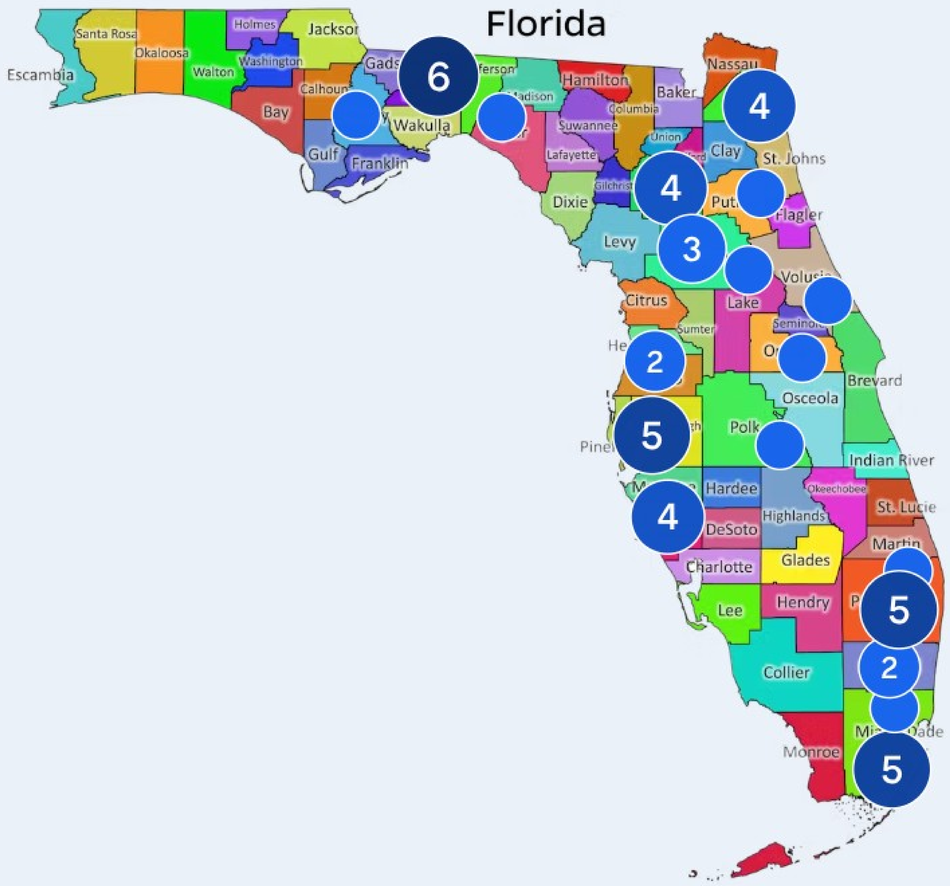
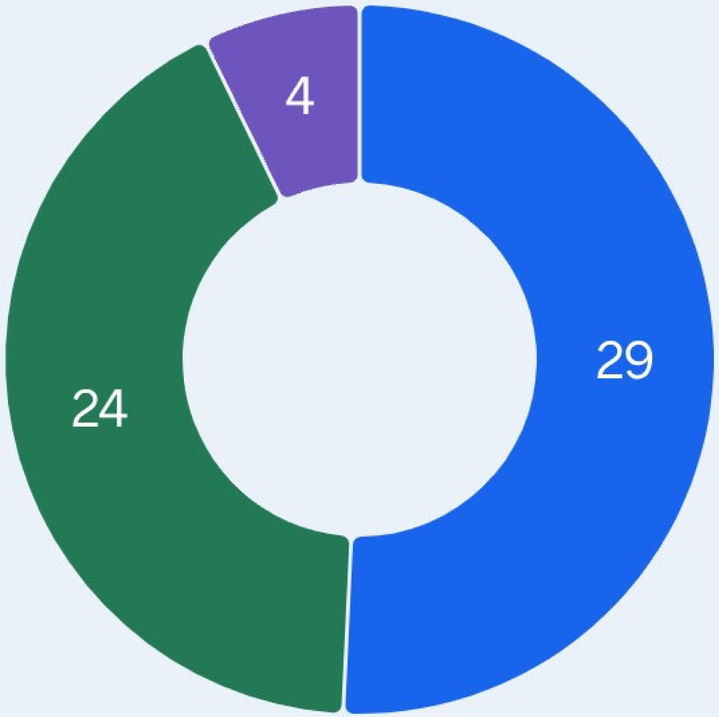
Where are you located?



Have you previously participated in a Florida WCA workshop or webinar?



29	Yes
24	No
4	Not sure

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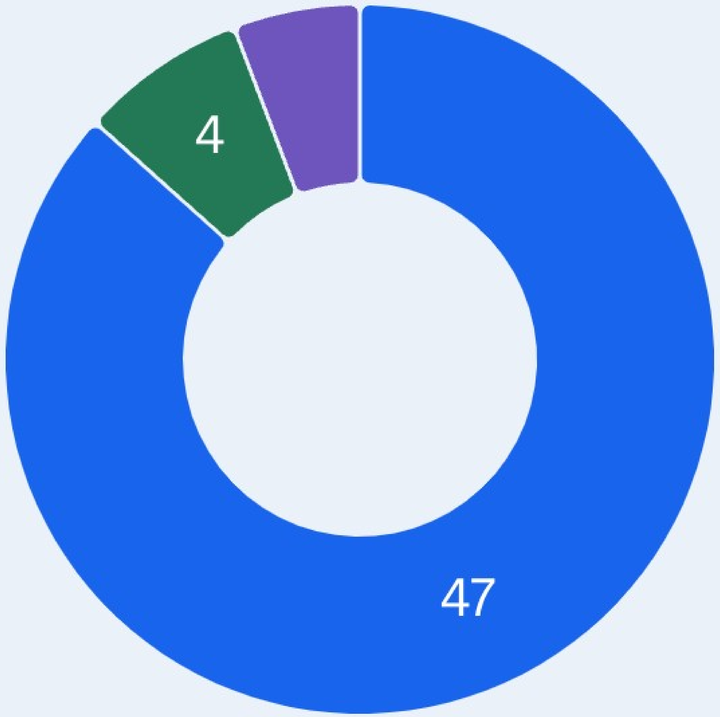
What are your main motivations for attending Florida WCA webinars?

50

Where do you get your supply of drinking water?



47	Public Supplier
4	Private Well
3	I Don't Know

54

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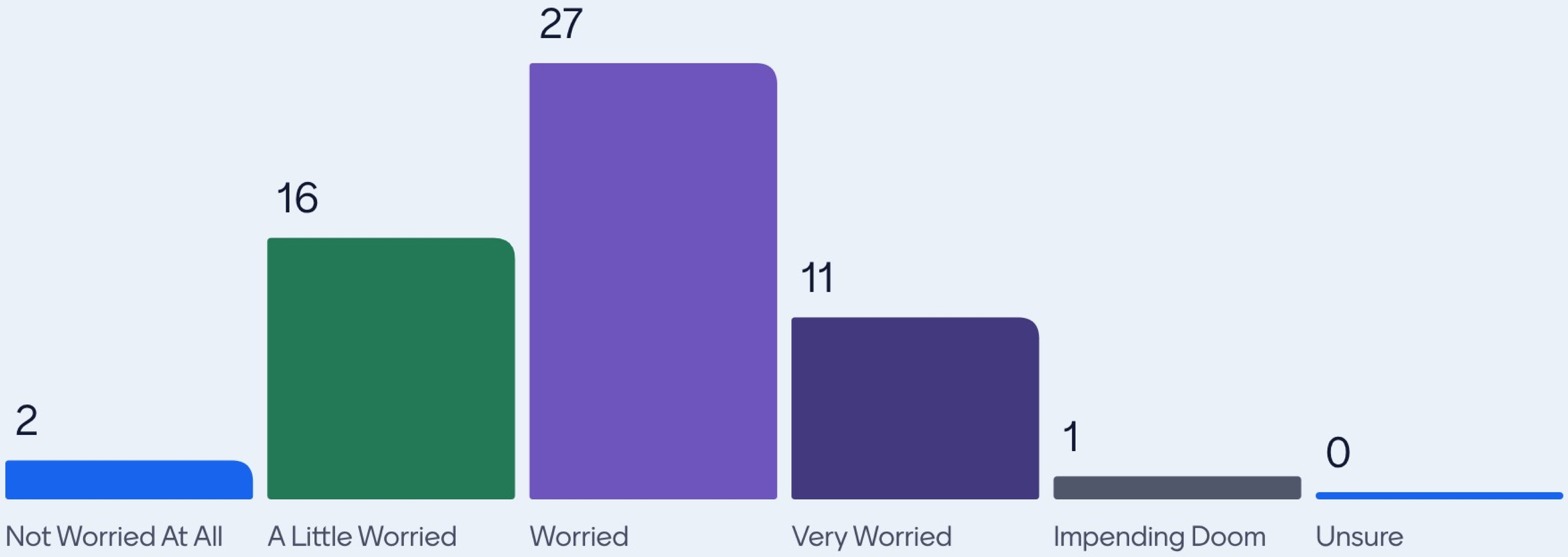
To what extent are you worried about the state of freshwater in Florida?



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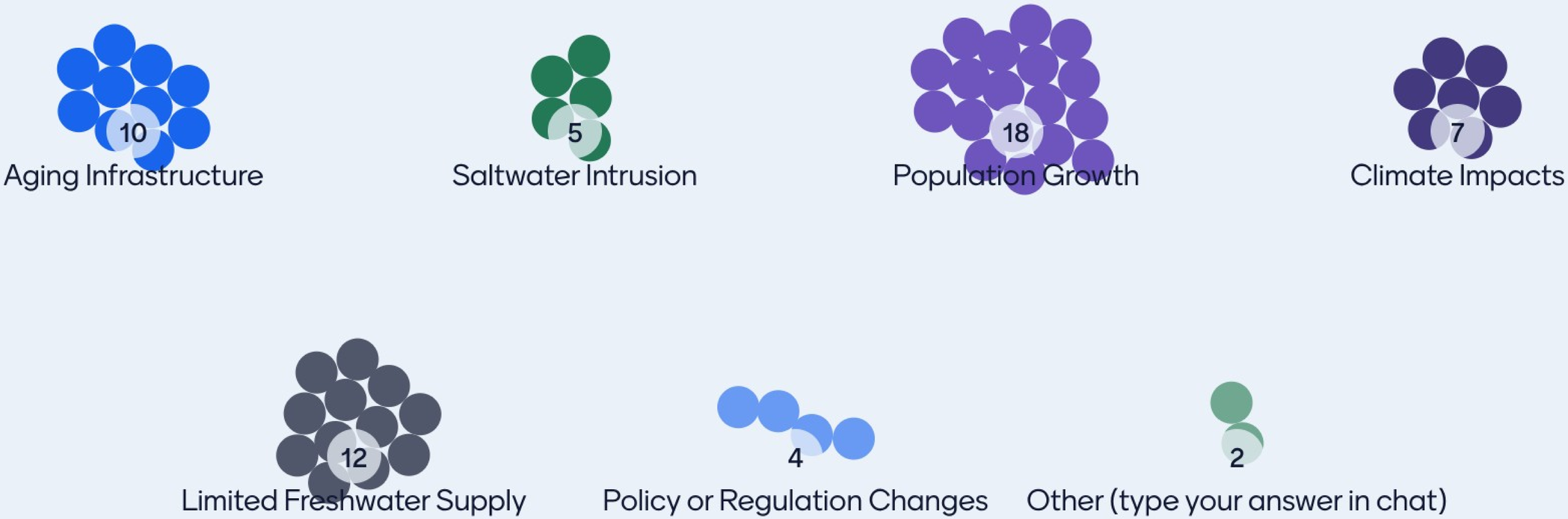
Which of the following do you believe poses the biggest challenge to Florida's water utilities over the next 20 years? Pick 1



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What water demand management strategy do you think is most effective in your community? Pick 1.

Tiered Water Pricing

Public Education & Outreach

Rebate Program for Conservation Gadgets

Landscape Irrigation Restrictions

Reuse/ Reclaimed Water Systems

0

Other (type your answer in chat)

I'm not aware of any or I'm unsure

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Stand By!

Let's get the show started!

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Pop Quiz Time!!!

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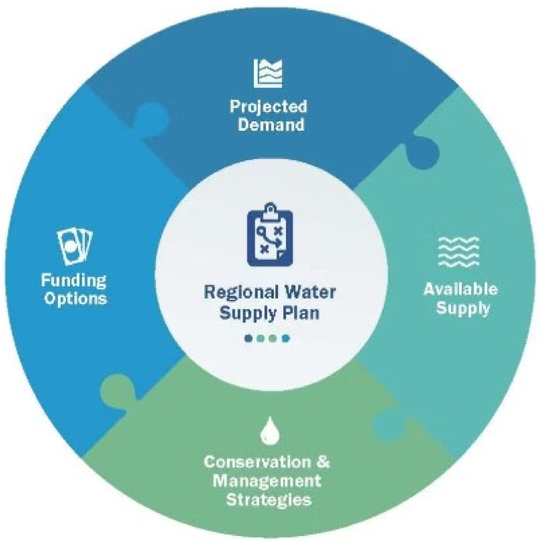
Every 5 years, Florida's WMDs are required to update which of the following to assess regional water needs and identity sustainable supply strategies?

45



Projected Demand

Water demand projections based on anticipated growth

Available Supply

Assessment of aquifer, lake levels, flows, water quality parameters, and wetland harm to determine if current and future needs can be met

Funding Options

Cost-sharing with partner agencies and organizations; grants; low-interest loans, etc.

Conservation & Management Strategies

Consideration of reclaimed water, storm water and surface water availability; water conservation opportunities; potential for recharge projects to put water back into the ground

Regional Water Supply Plan

Updated every five years, always looking 20 years ahead

Suwannee River Water Management District uses the plan to identify future water supply sources that help protect and restore the natural system. To see the current plan, go to **mysuwanneeriver.com**.

Correct Answer: A

Regional Water Supply Plan (RWSP)

RWSPs project water demand and identify alternative water supply options to meet future needs without harming the environment.

(F. S. 373.709)

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Which of the following is applicable to Regional Water Supply Planning (F.S. 373.709)?

0

A) Must have at least a 20-year outlook

0

B) Requires a level-of-certainty goal that has specific drought level (1-in-10-yr drought)

1

C) Must specifically consider UF BEBR's medium population projection

8

Answers A and B

34

Answers A, B, and C

43

Correct Answer:

A, B, & C

"Each regional water supply plan must be based on at least a **20-year planning period** and must include, but need not be limited to...

A quantification of the water supply needs...The **level-of-certainty planning goal** associated with identifying the water supply needs... must be based upon meeting those needs for a **1-in-10-year drought event**....

Population projections... must be based upon the best available data. In determining the best available data, the district **shall consider the University of Florida Bureau of Economic and Business Research (BEBR) medium population projections** and population projection data and analysis submitted by a local government..."

(F. S. 373.709)

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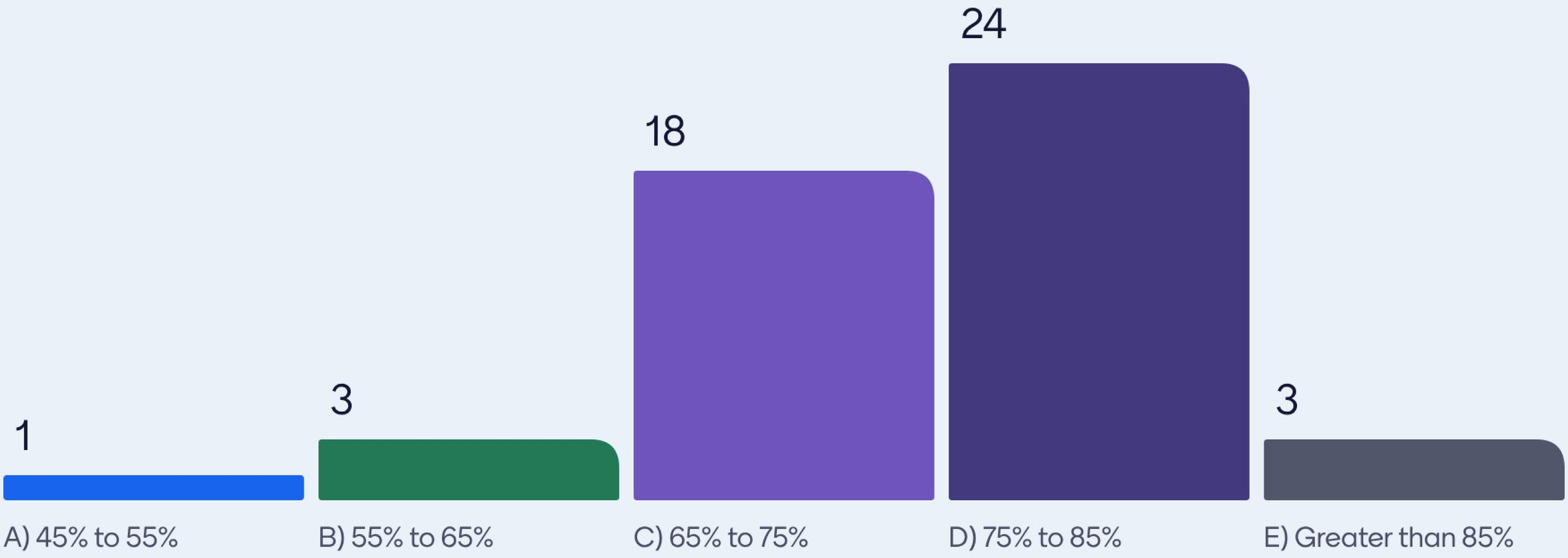
According to FDOH's website, as of 2022, what percentage of state residents are served by public water utilities in Florida?



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Correct Answer: D

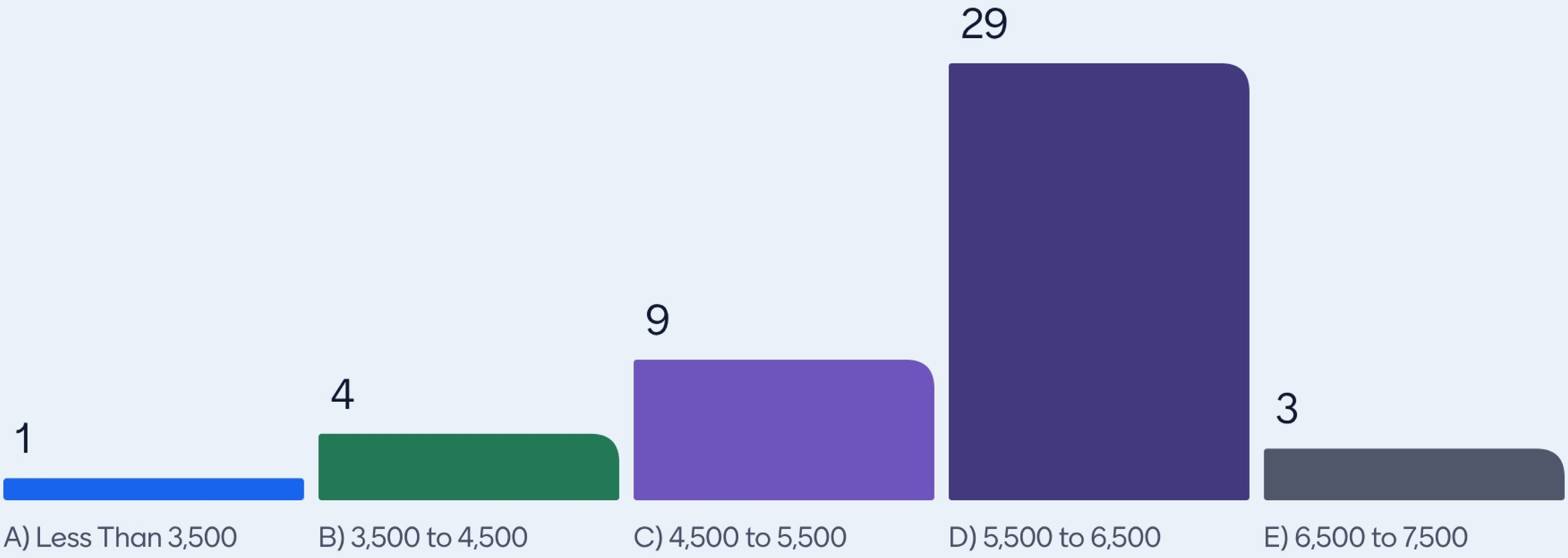
75% to 85%

"In Florida, about **80% of state residents** are provided with drinking water by public water systems. Public water systems are regulated by the Federal and State Safe Drinking Water Acts. The other 20% of Florida's population receives drinking water from private wells."

https://www.floridatracking.com/healthtracking/topic.htm?i=19

Mentimeter

According to FDEP at the end of 2022, what are the number of active permitted Public Drinking Water systems in Florida?



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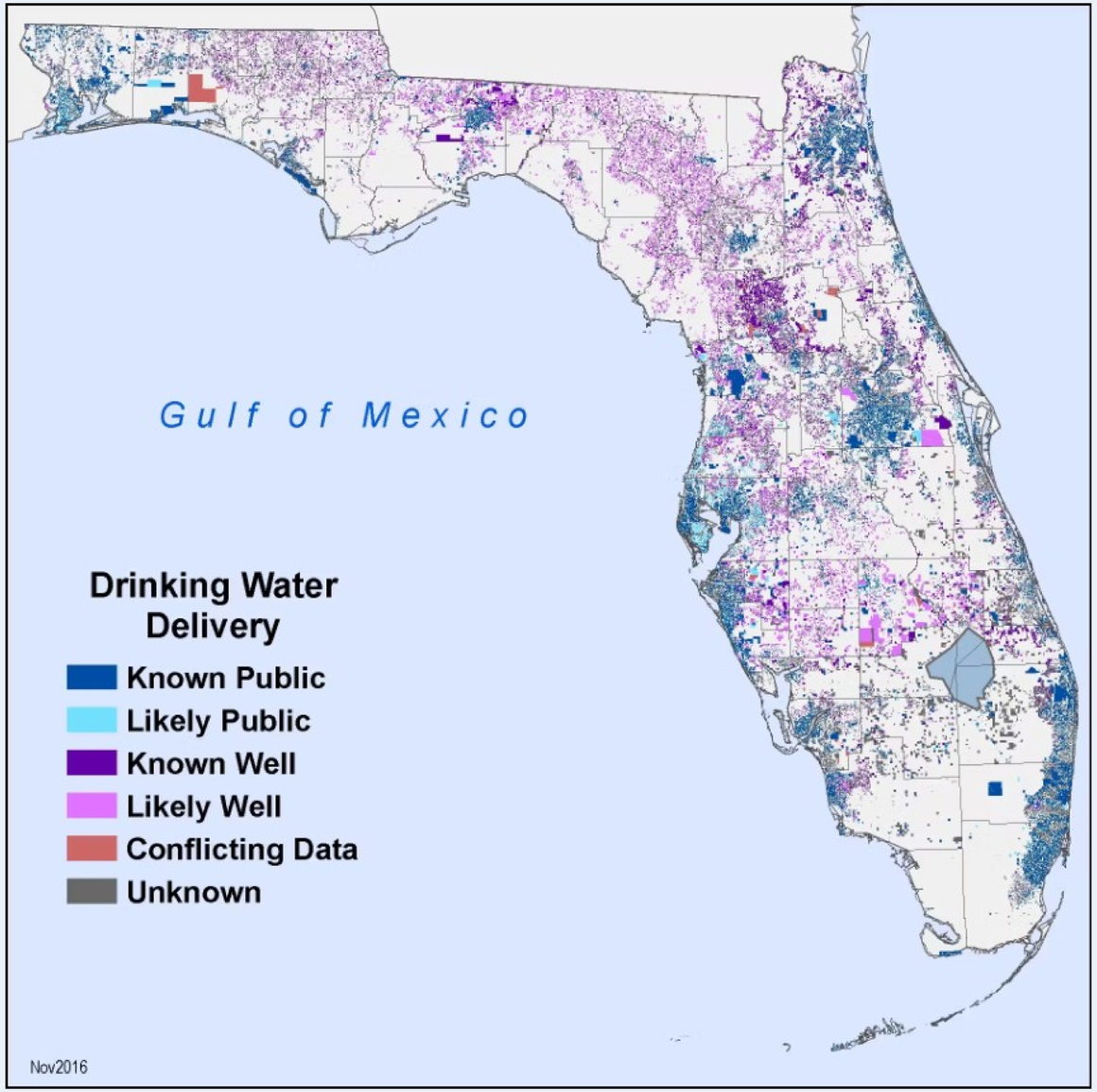

Correct Answer: C

4,500 to 5,500

According to FDEP at the end of Calendar Year 2022, Florida had **5,050 active public water systems**

- 1,604 community systems
- 769 non-transient, non-community systems
- 2,677 transient non-community systems

Data from: 2022 Annual Report on Violations

https://floridadep.gov/sites/default/files/2022-FL-AnnualComplianceReport.pdf

Map from: Nov 2016 Florida Water Management Inventory

https://www.floridahealth.gov/environmental-health/drinking-water/flwmi/details.html

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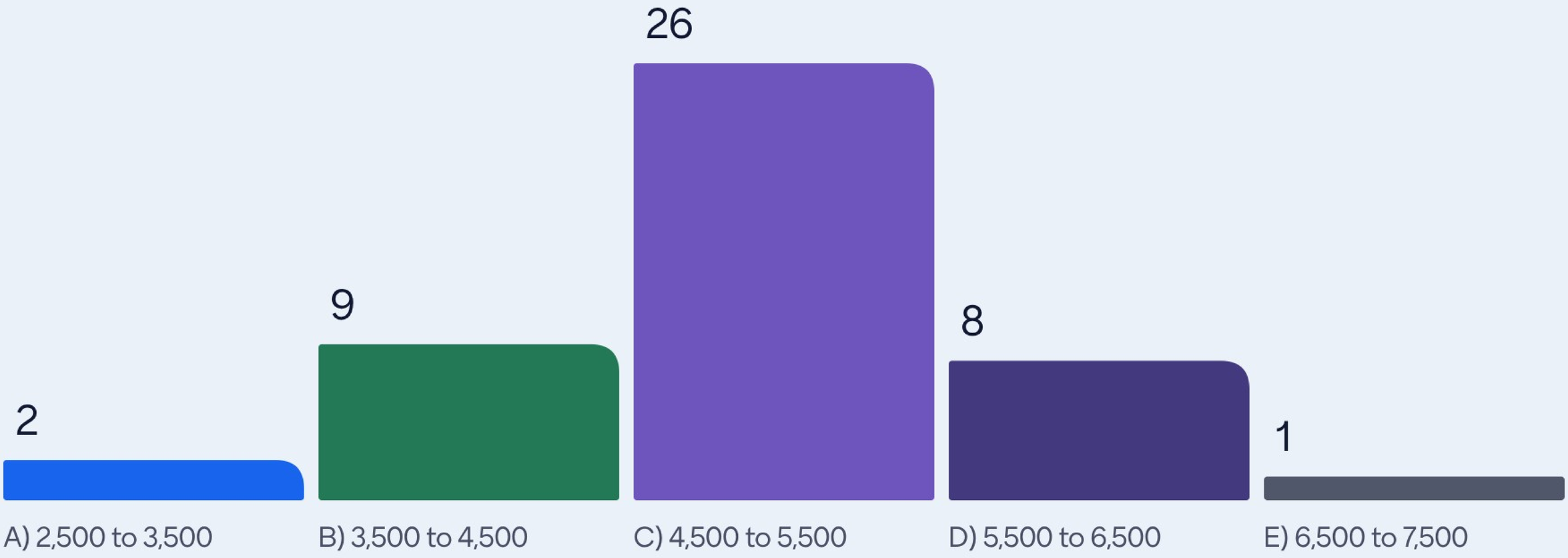
According to FDEP's website, how many individually permitted domestic and industrial wastewater facilities are there in Florida? (excluding septic)



46

Correct Answer: B

3,500 to 4,500

There are over **4,100 active wastewater facilities** regulated by the Florida Department of Environmental Protection (DEP).

- 2,100 classified as industrial
- 2,000 as domestic wastewater.

Data from:

https://floridadep.gov/water/domestic-wastewater/content/general-facts-and-statistics-about-wastewater-florida

Photo from: Alachua County

https://alachuacounty.us/Depts/epd/WaterResources/Pages/Wastewater.aspx

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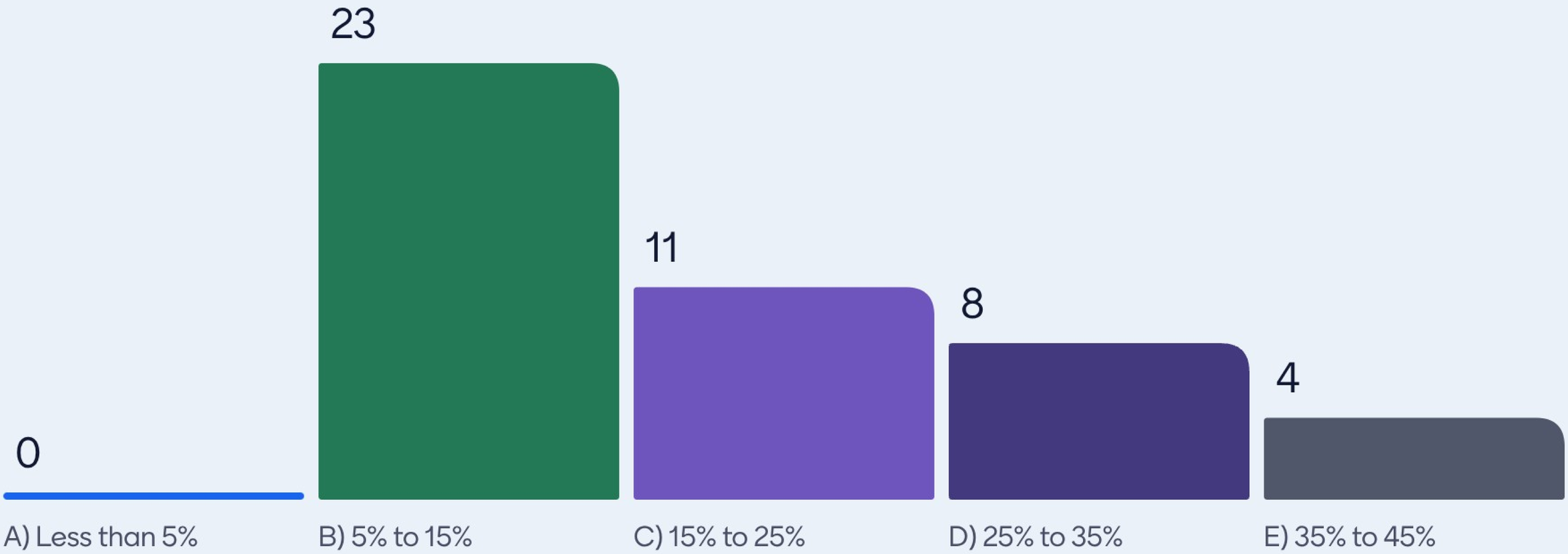
According to FDEP's website, what percentage of Florida population still uses on-site sewage treatment and disposal systems (aka septic system)?



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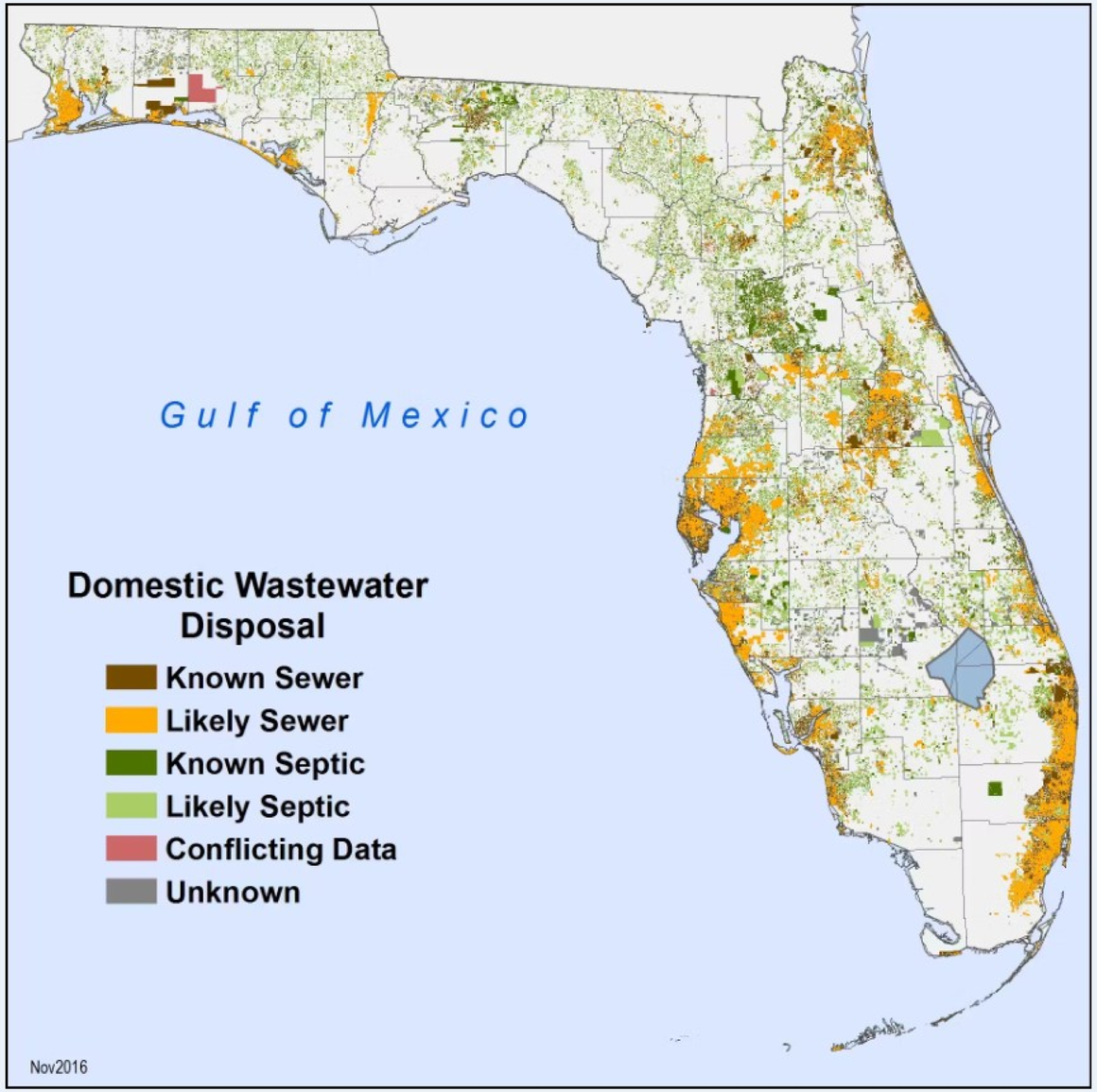

Correct Answer: D

25% to 35%

"Onsite sewage treatment and disposal systems (OSTDS), commonly referred to as septic systems, are currently used for wastewater disposal by approximately **30% of Florida's population**. With an estimated 2.6 million systems in operation, Florida represents 12% of the United States' septic systems. "

Data from: https://floridadep.gov/water/onsite-sewage

Map from: Nov 2016 Florida Water Management Inventory

https://www.floridahealth.gov/environmental-health/drinking-water/flwmi/details.html

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We hope you had fun!

Stand by, more to come.

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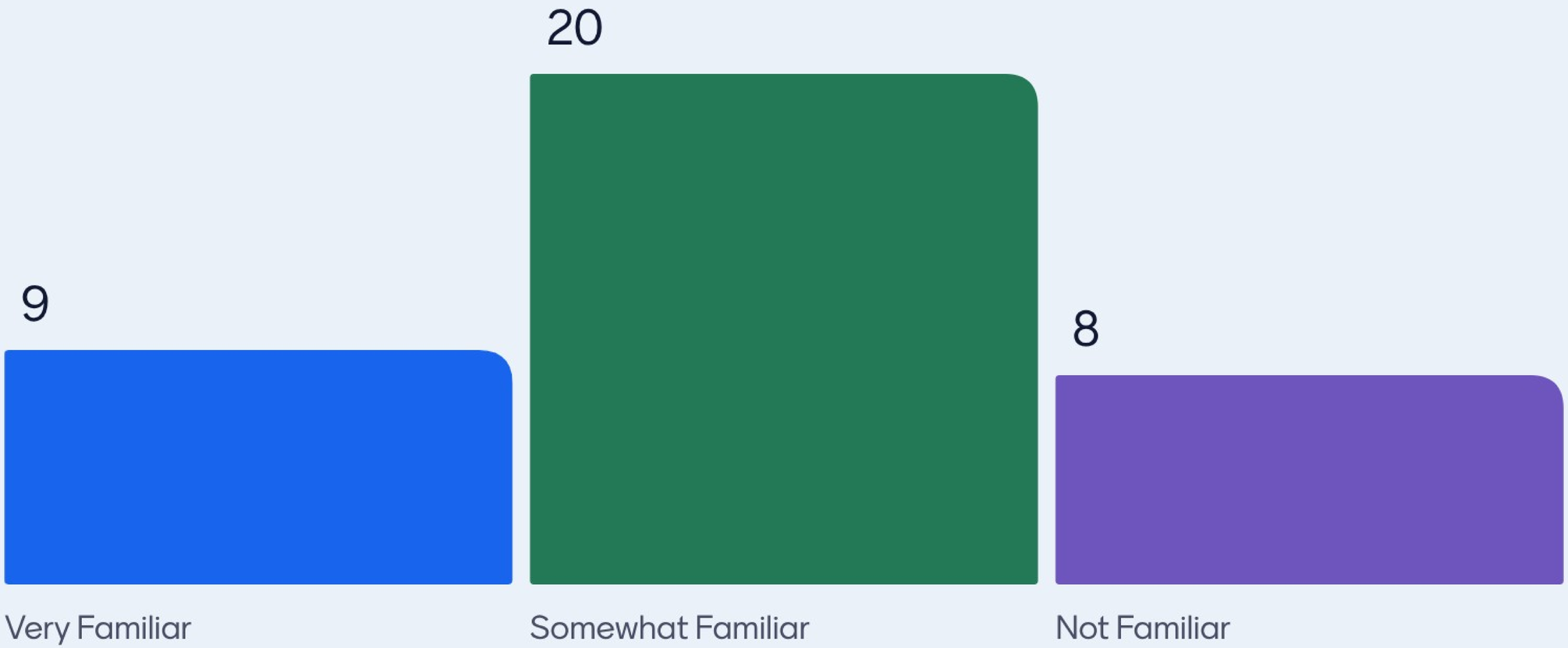
Tell us more!

How familiar are you with the Florida Water and Climate Alliance?



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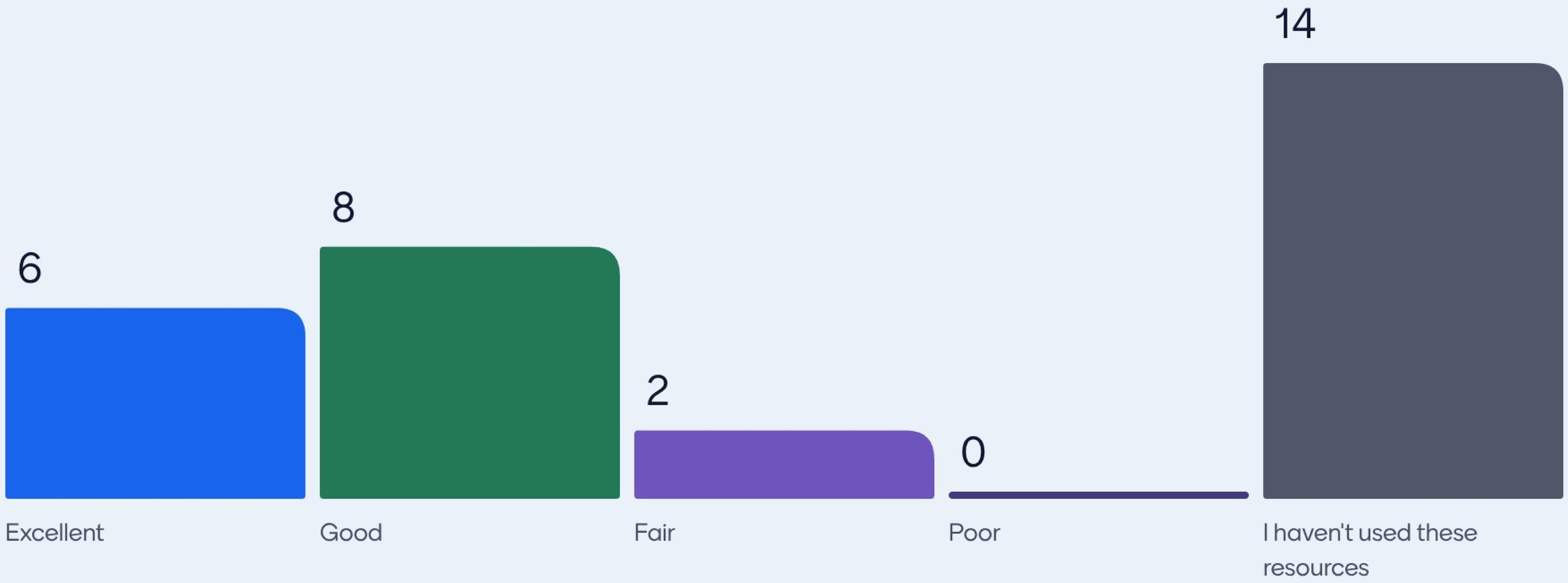
How would you rate the accessibility of resources (recordings, publications, etc) on FloridaWCA's website?



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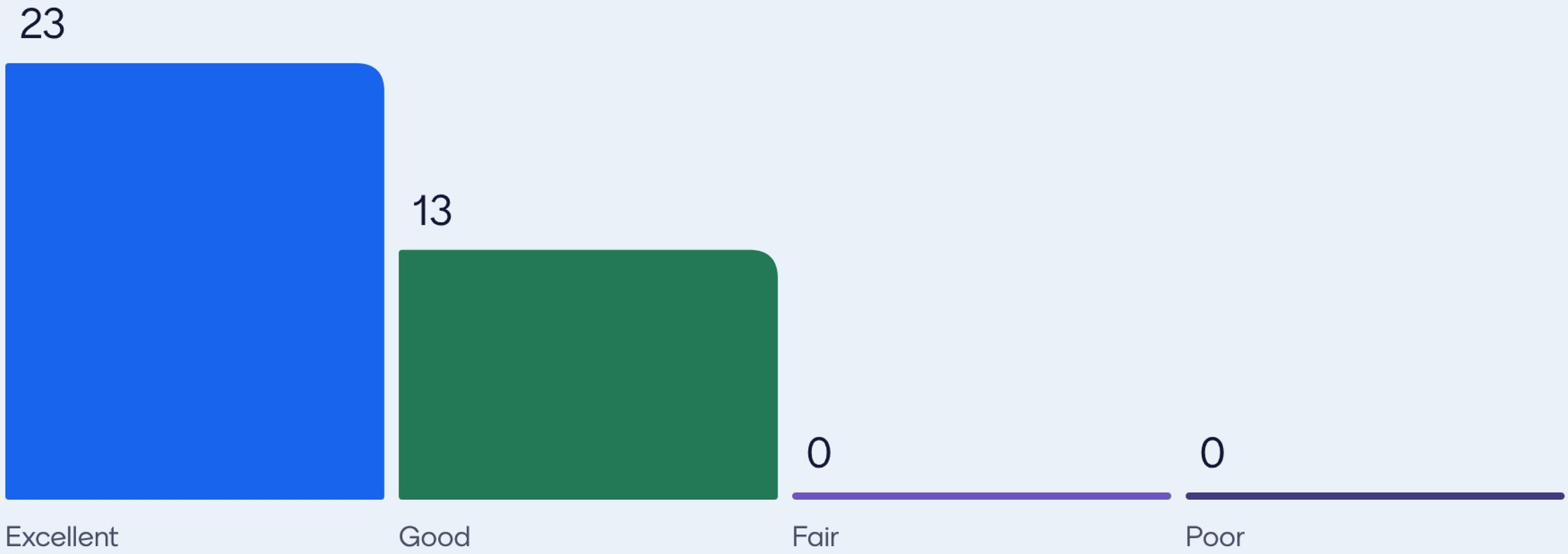
How would you rate the overall value of FloridaWCA's workshop and webinar series?



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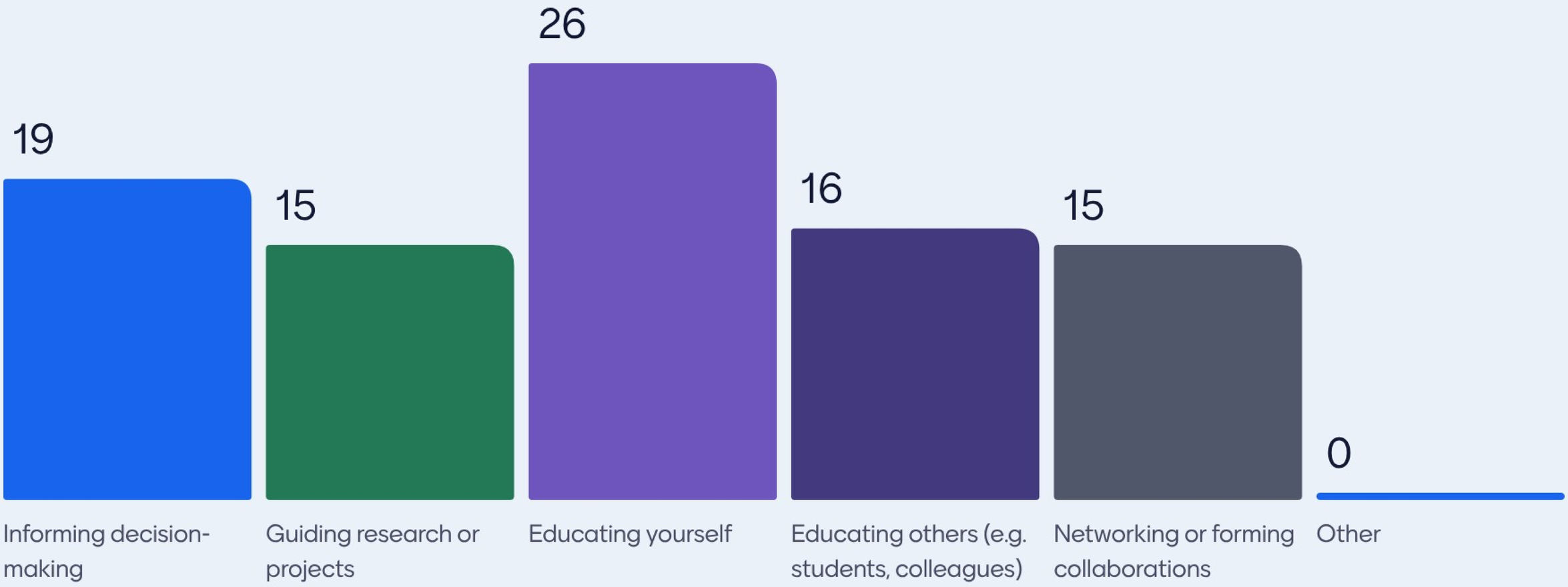
How do you use the information delivered through these events? (Select all that apply)



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What value does FloridaWCA bring to your work?

Knowledge!

education

education

Stay Current

Forward Looking Engagement

Brings publicity to collaborative work

project ideas

Education

24

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What value does FloridaWCA bring to your work?

- Learning opportunity
- decision making and education
- Comprehensive Understanding of Complex Systems
- Awareness & Education
- Best practices
- Expanding awareness
- Knowledge
- Technical knowledge

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What value does FloridaWCA bring to your work?

Learning!

Wealth of knowledge and staying up to date

knowledge

Sharing successes and ideas

Direct knowledge from the experts!

network, collaboration, education

Knowledge

current directions, new data, trends.

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What value does FloridaWCA bring to your work?

Science and stakeholder exchange

Technical Knowledge

Practitioners and academia collaboration

Knowledge

collaboration

24

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Thank you for joining us!