

Update on CFWI Regional Water Supply Plan (RWSP)

February 1, 2013

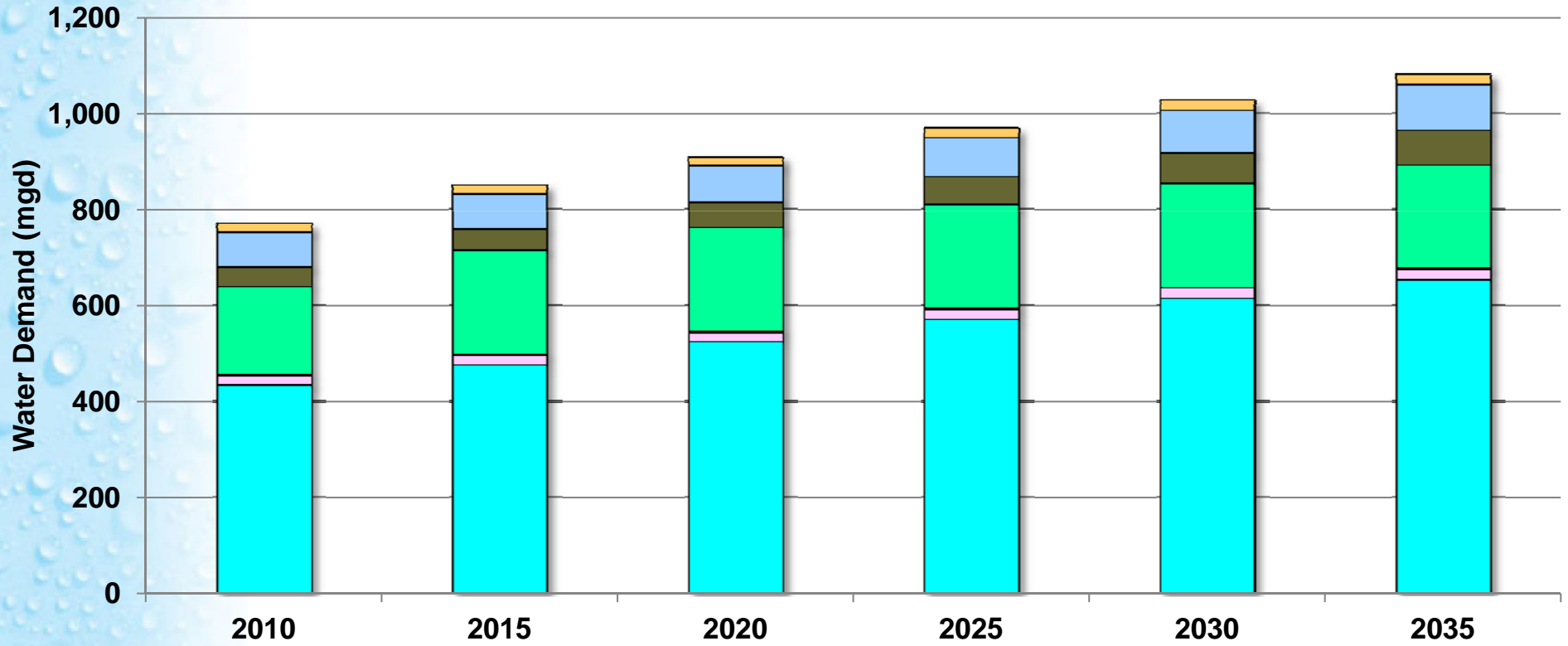
Steering Committee

Tom Bartol, P.E.

CFWI RWSP

- Population projections, demand projections, and water conservation potential substantially complete
- Development and writing of RWSP chapters underway
- Critical path to completion of RWSP remains groundwater availability in May 2013

Water Demands by Category

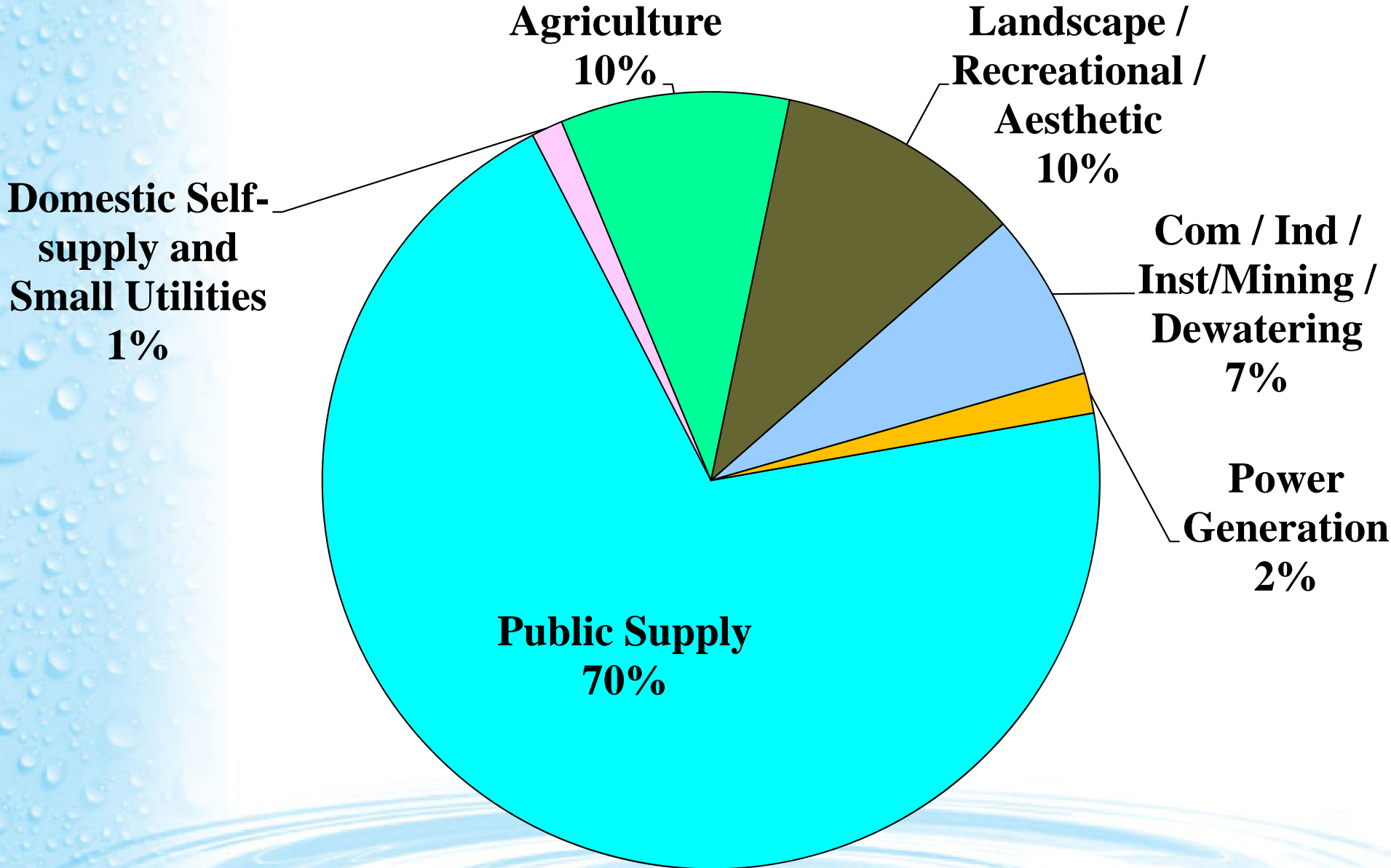


- Public Supply
- Domestic Self-supply and Small Utilities
- Agriculture
- Landscape / Recreational / Aesthetic
- Commercial / Industrial / Institutional and Mining / Dewatering
- Power Generation

Water Demands by Category

Category	Demand Projections						2010-2035 (5-in-10) Change
	2010	2015	2020	2025	2030	2035	
Public Supply	435.2	476.4	524.6	571.4	614.9	653.3	218.1
Domestic Self-supply and Small Utilities	20.5	20.4	20.7	21.9	23.2	24.5	4.0
Agriculture	185.4	218.6	217.3	216.1	215.4	214.8	29.4
Landscape / Recreational / Aesthetic	40.3	44.8	51.2	57.4	64.4	72.2	31.9
Commercial / Industrial / Institutional and Mining / Dewatering	74.1	71.5	76.8	82.8	89.2	95.9	21.8
Power Generation	17.3	18.0	19.0	20.1	21.2	22.5	5.2
TOTAL	772.8	849.7	909.6	969.7	1,028.3	1,083.2	310.4

Central Florida Water Initiative



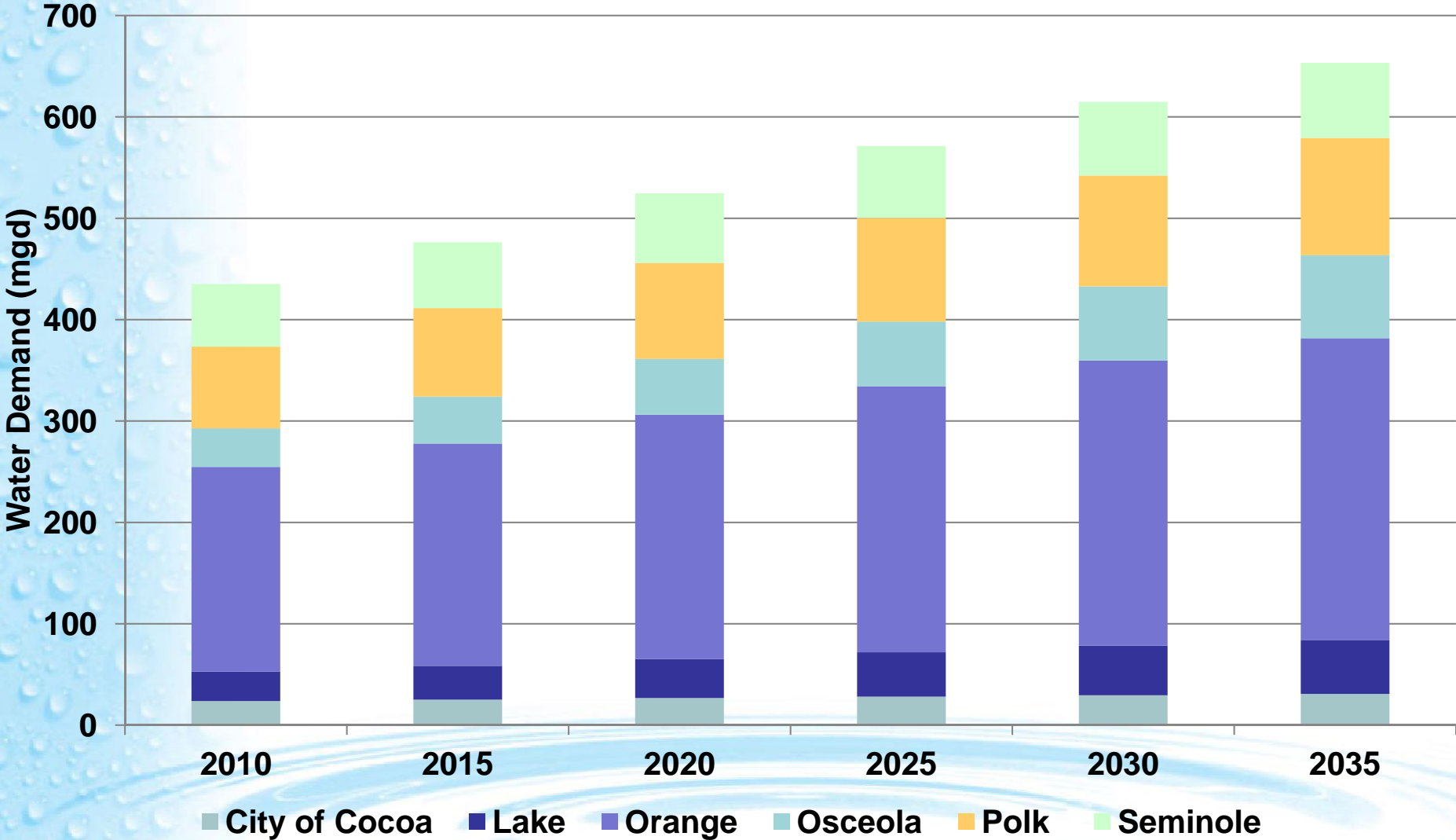
Demand Increase 2015-2035 (mgd)

Water Demands by County

County / City	2010	2015	2020	2025	2030	2035	2010-2035 (5-in-10) Change	2010-2035 (5-in-10) Percent Change
Lake	53.7	60.6	68.3	76.3	84.2	91.3	37.6	70%
Orange	268.3	287.6	313.3	338.4	361.7	384.0	115.7	43%
Osceola	105.1	149.8	160.9	172.6	185.0	196.4	91.3	87%
Polk	271.1	273.8	285.6	297.7	309.7	321.3	50.2	19%
Seminole	74.6	77.9	81.5	84.7	87.7	90.2	15.7	21%
Total	772.8	849.7	909.6	969.7	1,028.3	1,083.3	310.4	40%

Water Demands

Public Supply



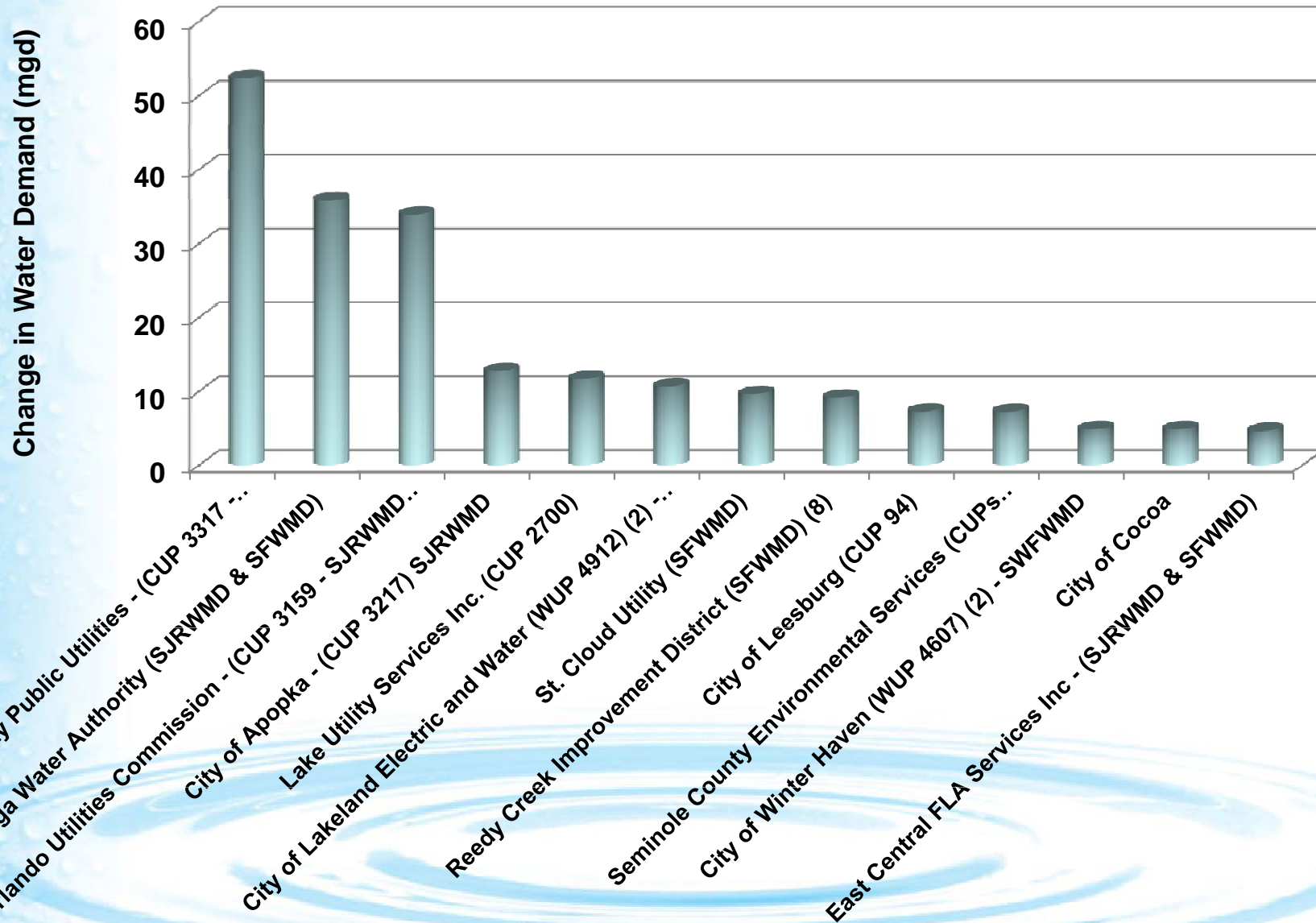
Water Demands

Public Supply

County / City	2010	2015	2020	2025	2030	2035	2010-2035 (5-in-10) Change	2010-2035 (5-in-10) Percent Change
City of Cocoa	23.8	25.2	26.7	28.1	29.5	30.8	7.0	30%
Lake	29.1	33.4	38.5	43.8	48.9	53.3	24.2	83%
Orange	201.8	219.2	241.1	262.4	281.4	297.7	95.8	47%
Osceola	38.1	46.4	54.9	63.8	73.1	81.8	43.8	115%
Polk	80.7	87.2	94.8	102.3	109.3	115.7	35.1	43%
Seminole	61.8	65.0	68.6	71.0	72.7	74.0	12.3	20%
Total	435.3	476.4	524.6	571.4	614.9	653.3	218.2	50%

Public Supply

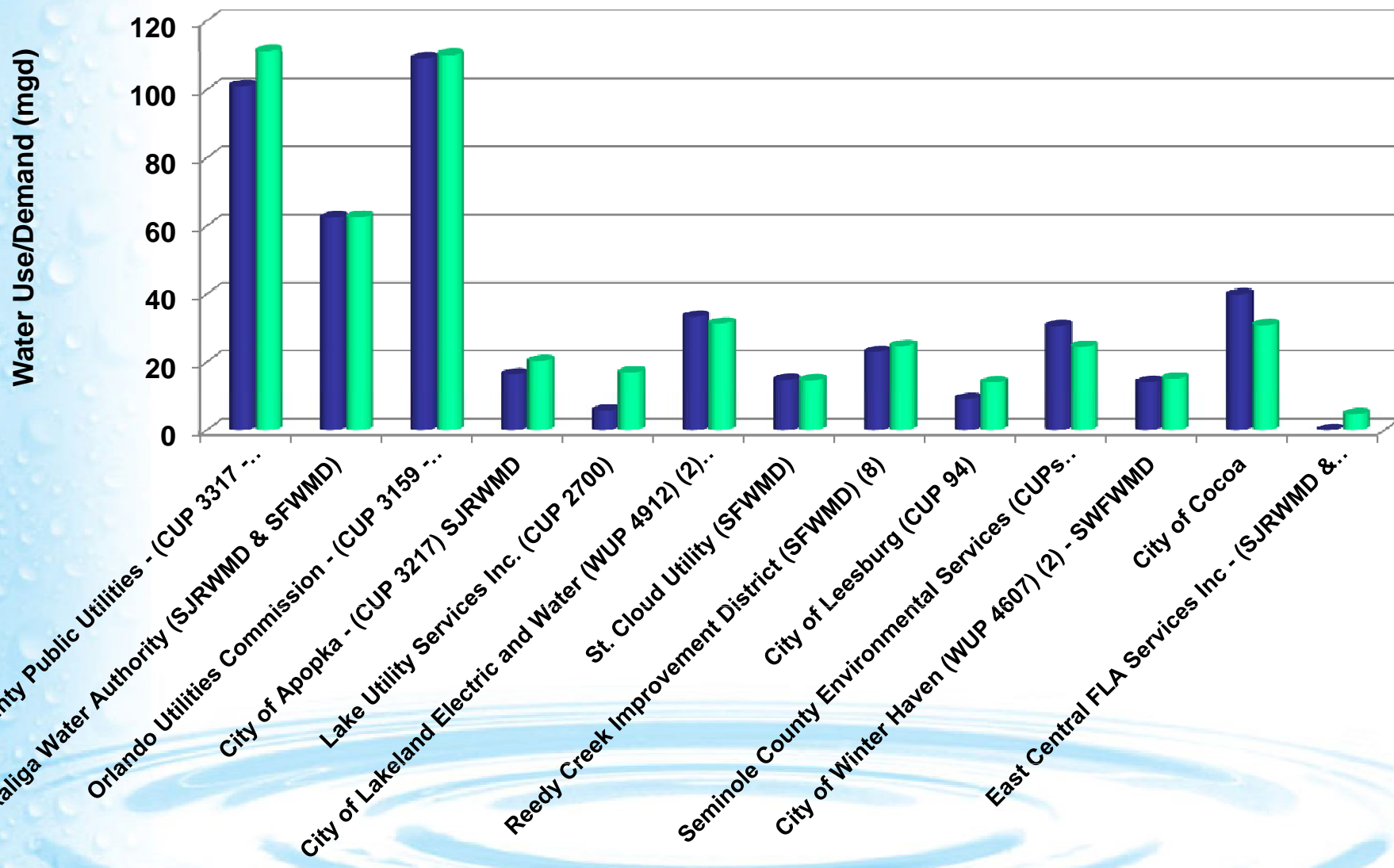
Increases > 4 mgd 2010 to 2035



Public Supply

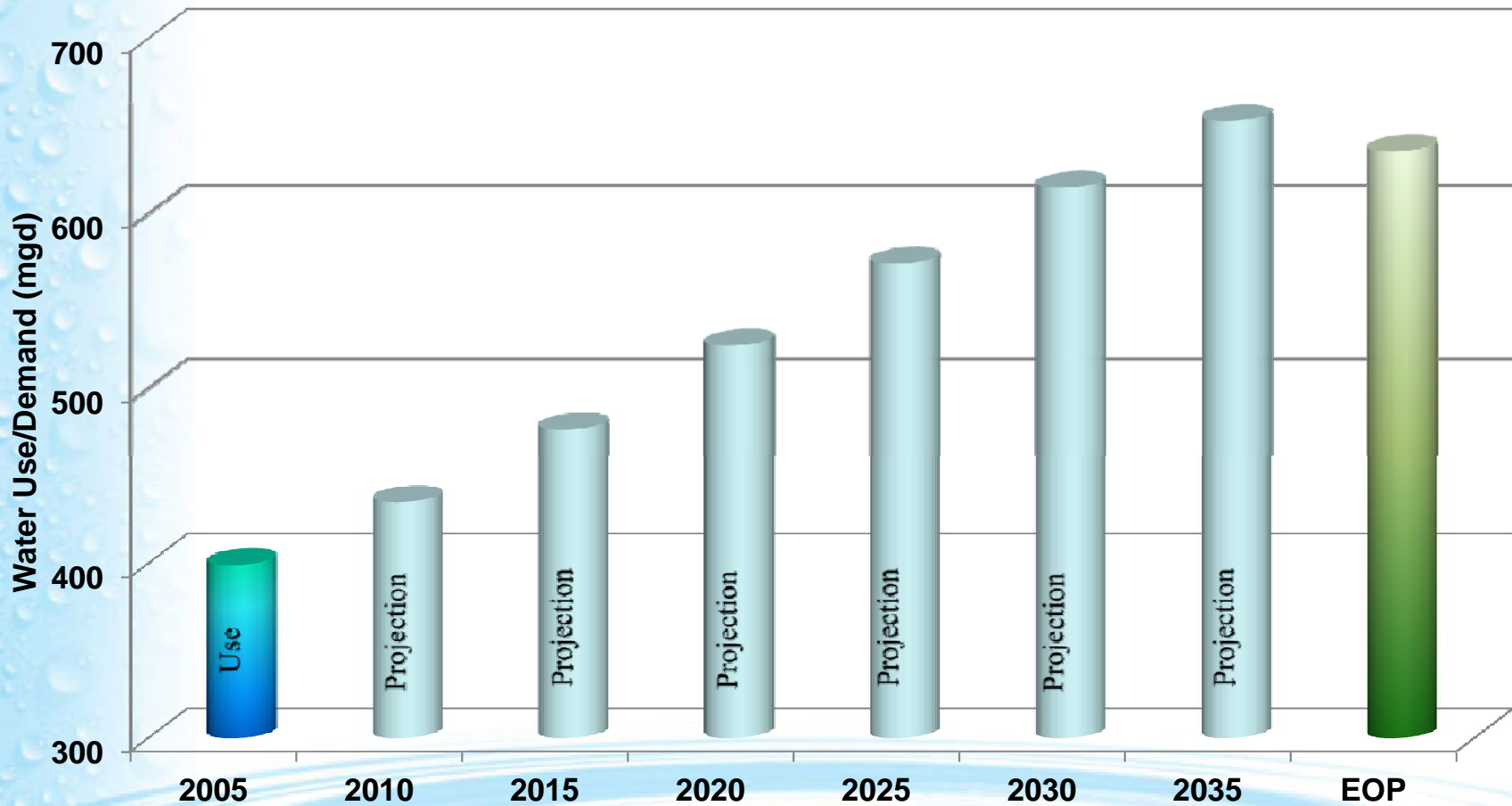
Increases > 4 mgd 2010 to 2035

■ EOP ■ 2035 Demand

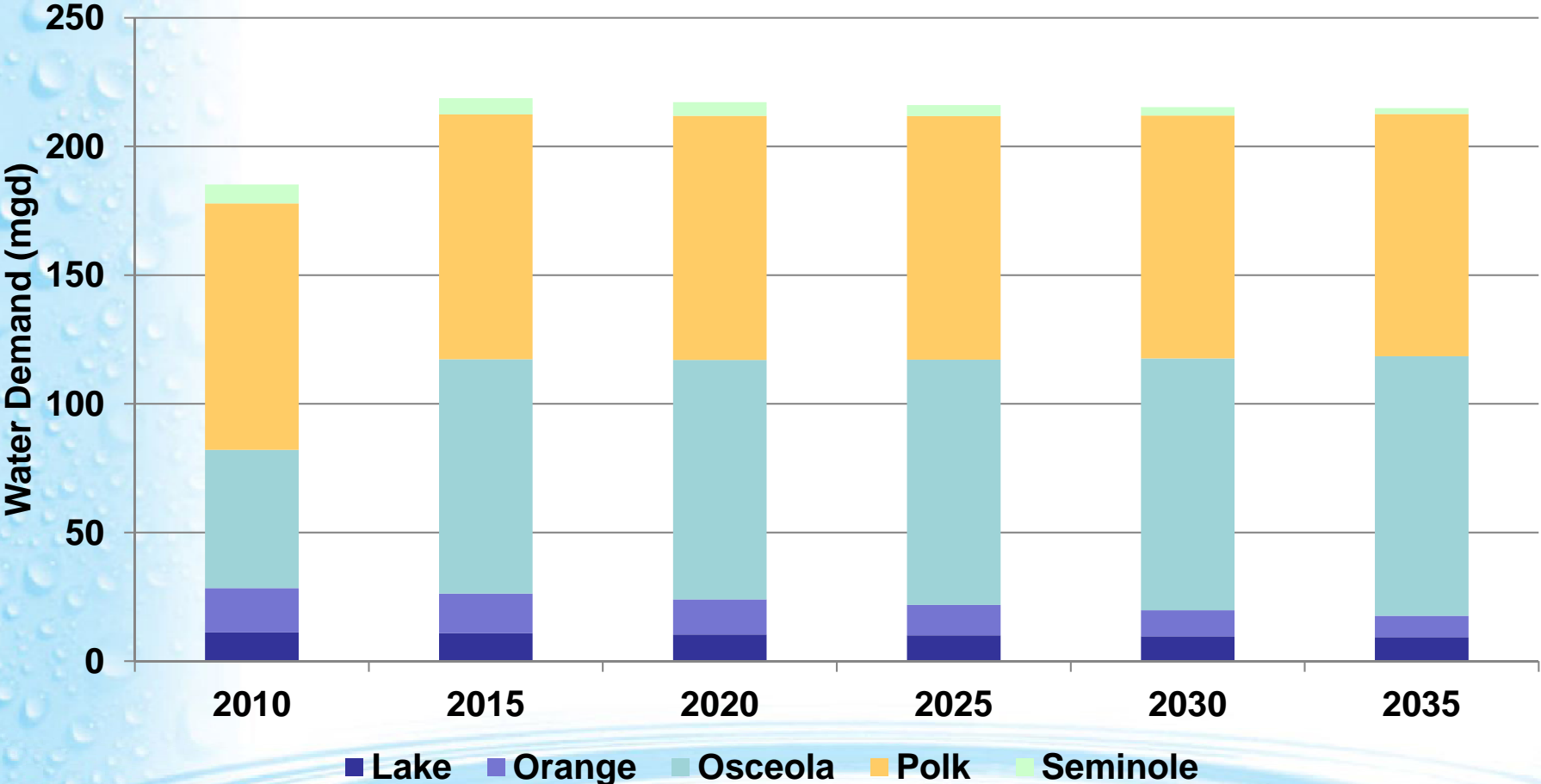


Water Use/Demands

Public Supply



Water Demands Agriculture



Water Demands

Agriculture

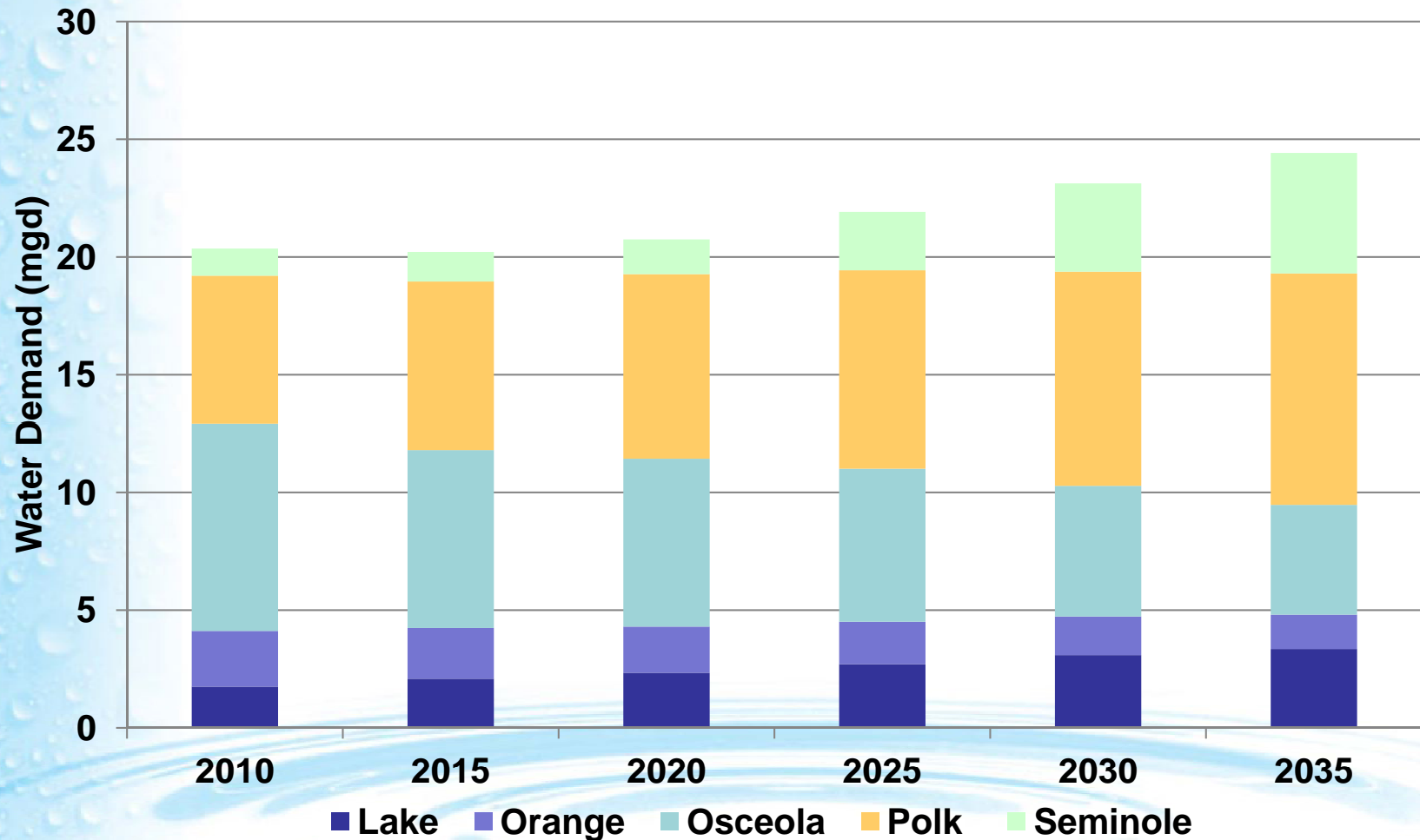
County / City	2010	2015	2020	2025	2030	2035	2010-2035 (5-in-10) Change	2010-2035 (5-in-10) Percent Change
Lake	11.2	10.8	10.4	10.0	9.7	9.4	-1.8	-16%
Orange	17.2	15.4	13.7	11.9	10.1	8.3	-8.9	-52%
Osceola	53.8	91.0	93.0	95.3	97.9	100.8	47.1	88%
Polk	95.8	95.1	94.9	94.6	94.4	94.1	-1.6	-2%
Seminole	7.4	6.3	5.3	4.3	3.3	2.2	-5.1	-70%
Total	185.4	218.6	217.3	216.1	215.4	214.8	29.7	16%

The image features a vertical glass on the left side, covered in numerous small, clear water droplets. At the bottom of the frame, there are several concentric, light blue ripples on a white surface, suggesting a drop of water has just fallen. The background is a clean, white gradient.

Questions?

Water Demands

Domestic Self-Supply



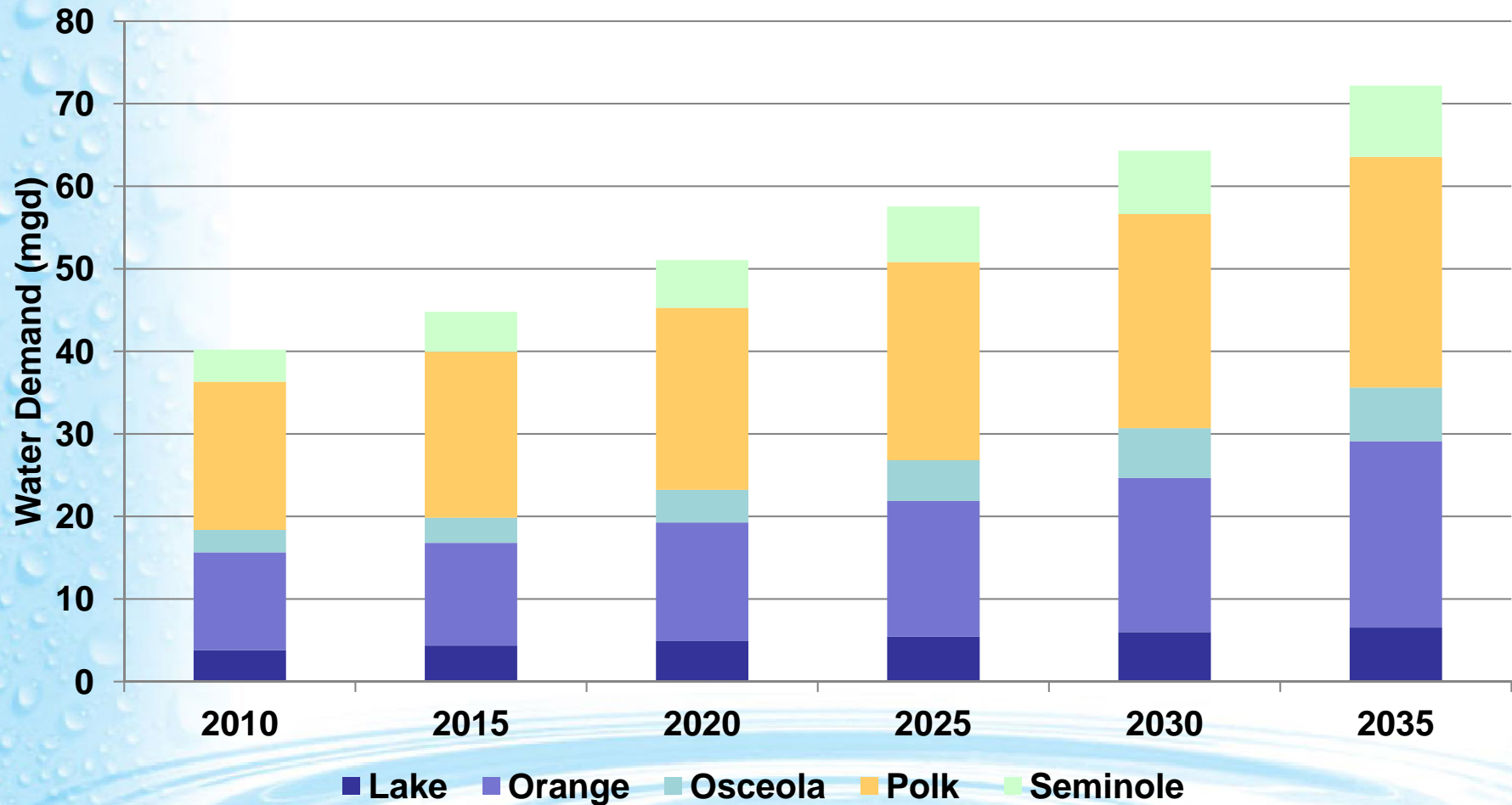
Water Demands

Domestic Self-Supply

County / City	2010	2015	2020	2025	2030	2035	2010-2035 (5-in-10) Change	2010-2035 (5-in-10) Percent Change
Lake	1.8	2.1	2.3	2.7	3.1	3.4	1.6	91%
Orange	2.4	2.2	2.0	1.8	1.6	1.5	-0.9	-38%
Osceola	8.8	7.6	7.1	6.5	5.6	4.7	-4.1	-47%
Polk	6.3	7.2	7.8	8.4	9.1	9.8	3.5	56%
Seminole	1.2	1.3	1.5	2.5	3.8	5.1	4.0	345%
Total	20.5	20.4	20.7	21.9	23.2	24.5	4.1	20%

Water Demands

Landscape / Recreational / Aesthetic



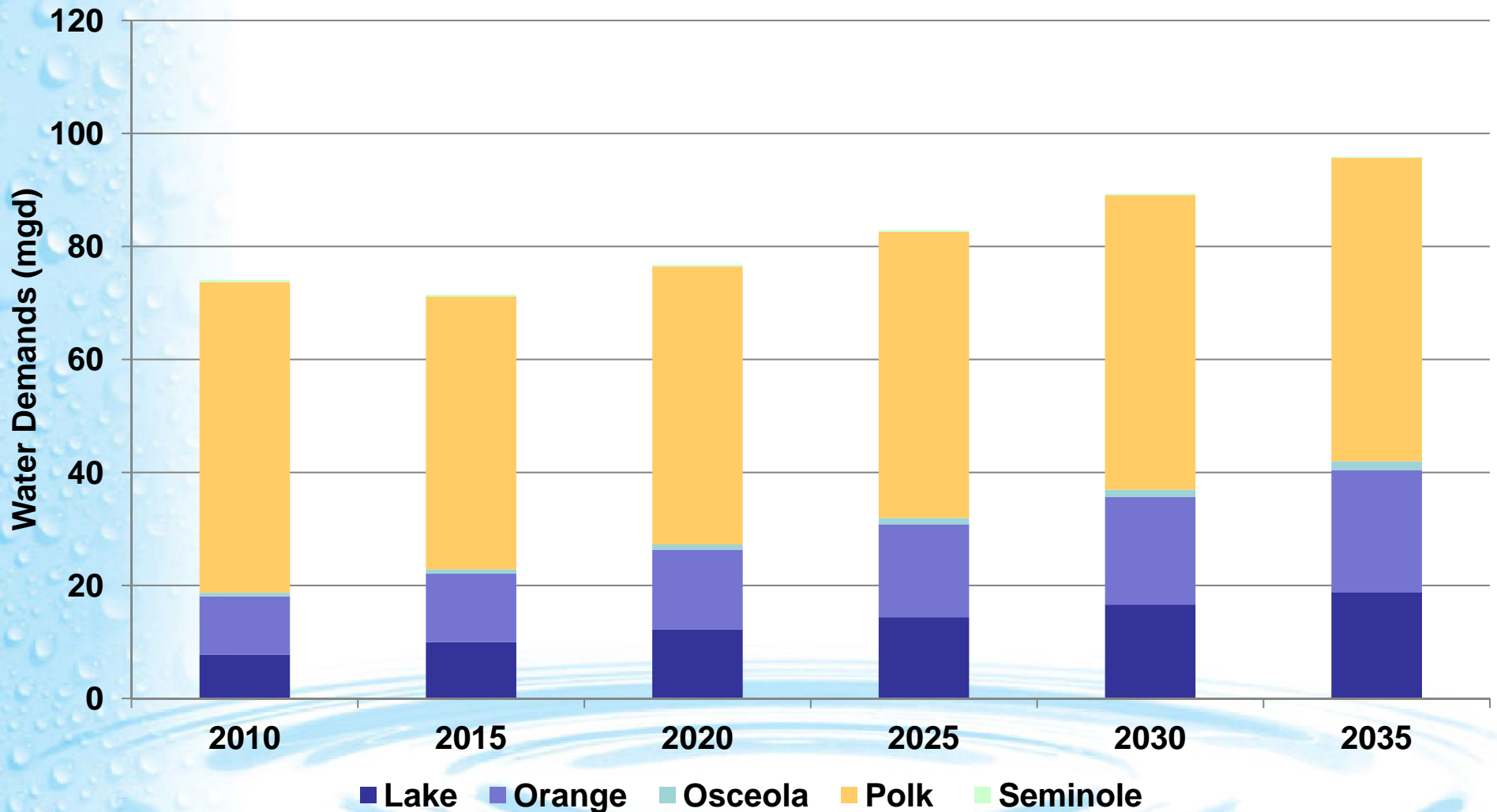
Water Demands

Landscape / Recreational / Aesthetic

County / City	2010	2015	2020	2025	2030	2035	2010-2035 (5-in-10) Change	2010-2035 (5-in-10) Percent Change
Lake	3.8	4.4	4.9	5.4	6.0	6.5	2.7	71%
Orange	11.9	12.5	14.4	16.4	18.7	22.6	10.7	91%
Osceola	2.7	3.0	4.0	4.9	6.0	6.5	3.8	139%
Polk	18.0	20.1	22.1	24.0	26.0	28.0	10.0	56%
Seminole	3.9	4.8	5.8	6.7	7.7	8.6	4.7	122%
Total	40.3	44.8	51.2	57.4	64.4	72.2	31.90	80%

Water Demands

Commercial / Industrial / Institutional
and Mining / Dewatering

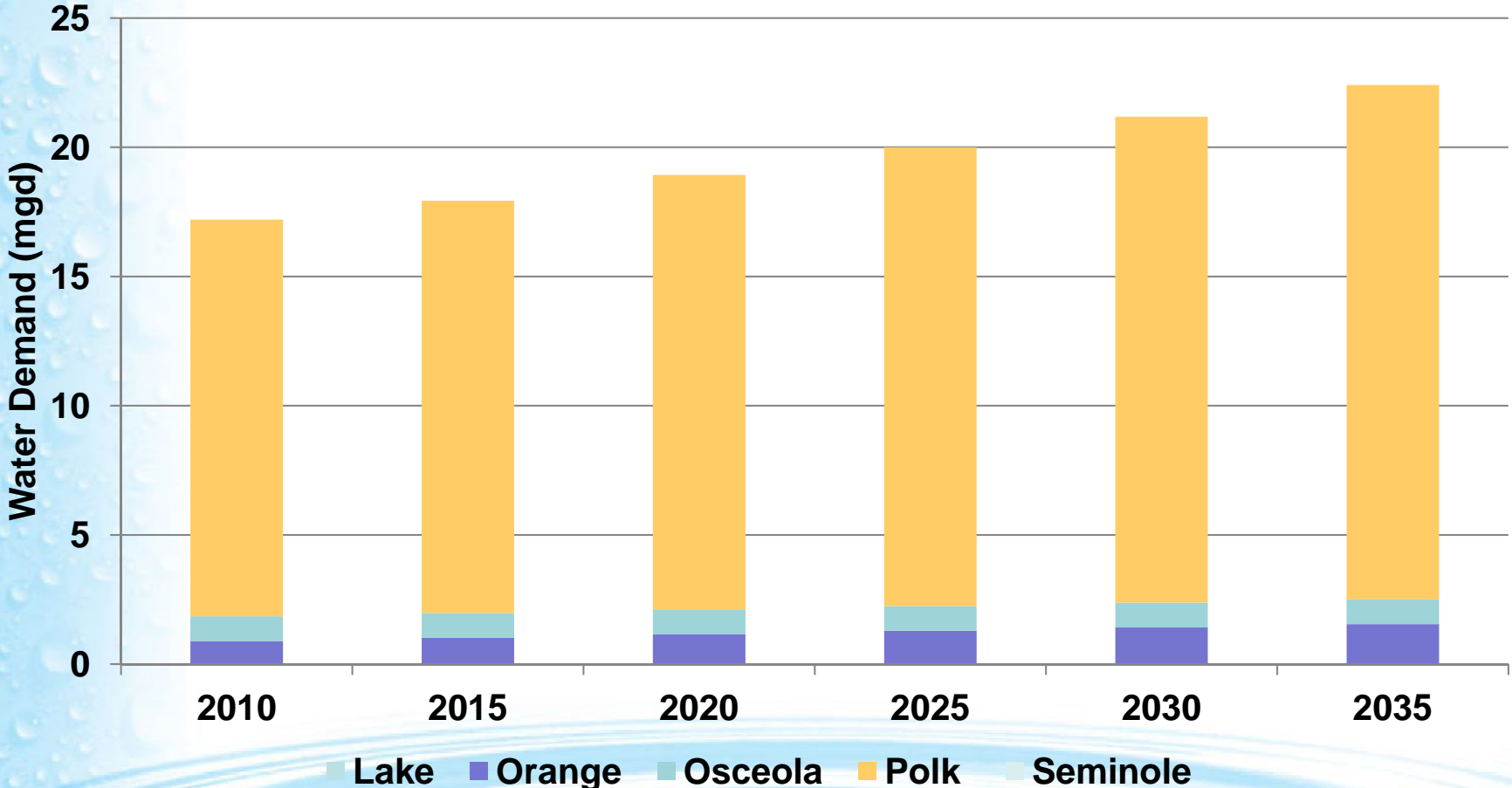


Water Demands

Commercial / Industrial / Institutional and Mining / Dewatering

County / City	2010	2015	2020	2025	2030	2035	2010-2035 (5-in-10) Change	2010-2035 (5-in-10) Percent Change
Lake	7.8	10.0	12.2	14.4	16.6	18.8	11.1	143%
Orange	10.3	12.1	14.2	16.4	19.0	21.6	11.3	109%
Osceola	0.6	0.8	0.9	1.1	1.3	1.6	0.9	142%
Polk	55.0	48.3	49.2	50.6	52.1	53.7	-1.3	-2%
Seminole	0.4	0.3	0.3	0.3	0.2	0.2	-0.2	-47%
Total	74.1	71.5	76.8	82.8	89.2	95.9	21.8	29%

Water Demands Power Generation



Water Demands

Power Generation

County / City	2010	2015	2020	2025	2030	2035	2010-2035 (5-in-10) Change	2010-2035 (5-in-10) Percent Change
Lake	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0%
Orange	0.9	1.0	1.2	1.3	1.4	1.6	0.7	74%
Osceola	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0%
Polk	15.4	16.0	16.8	17.8	18.8	19.9	4.6	30%
Seminole	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0%
Total	17.3	18.0	19.0	20.1	21.2	22.5	5.3	30%