2024 Estimated Water Use

in the

Northwest Florida Water Management District

SUMMARY REPORT



September 2026

TRS-26-2

Background and Methods

Pursuant to Florida Statutes,[1] quantifying existing legal uses of water or estimating water use is foundational data for Northwest Florida Water Management District (NWFWMD, or District) water supply assessments, regional water supply plans, groundwater models and MFL technical assessments, and consumptive use permitting. Existing water use provides the baseline data needed to develop water demand projections and future reasonable-beneficial water use needs.

As noted in rule (62-40.540(6), F.A.C.), *"The Districts shall implement a strategy for measuring, estimating, and reporting withdrawal and use of water by permitted and exempted users. … The Districts are encouraged to summarize and analyze water use in the District at least annually."* Also by rule (62-40.531, F.A.C.), water use estimates and projections are to be provided for the following use classes:

1. Public Supply,
2. Domestic Self-Supply (DSS),
3. Agricultural,
4. Recreational (golf course, landscape irrigation),
5. Industrial-Commercial-Institutional (ICI), and
6. Thermoelectric (Power Generation).

Estimates are based on best available data and primarily rely on audited reports from permittees with Individual Water Use Permits (IWUPs) that have an authorized average daily withdrawal equal to or greater than 0.1 million gallons per day (mgd), or that have permit conditions requiring annual water use reporting, for example, due to being located within a Water Resource Caution Area or Area of Resource Concern. With numerous small towns and rural areas in NWFWMD, during an average year 30 percent of IWUPs have average daily withdrawal rates less than 0.1 mgd. Estimates include water withdrawals from six different groundwater aquifer systems and from multiple surface water sources.

Public supply data include estimates of water production, transfers, and demand; as well as estimates of populations served and per-capita water use rates. Domestic self-supply is estimated based on estimated populations and a per capita use rate. Agricultural water use is reported, but the total estimate is based on the Florida Department of Agriculture and Consumer Services (FDACS) Florida Statewide Agricultural Irrigation Demand (FSAID) estimates. Recreational irrigation estimates are a combination of reported pumpage and additional estimated use.[2] Industrial-commercial-institutional (ICI) and power generation water uses are estimated from reported pumpage and adjusted for returns. Power and ICI water that is withdrawn for cooling purposes and returned to the source is not, for planning or estimating purposes, considered consumptive use.

Public supply reported pumpage and other supporting data include, by default, seasonal water use. Seasonal residents, which include migrant workers, are estimated to affect public supply and DSS water use in all 16 counties. Therefore, population estimates for public supply, DSS, and county populations include seasonal resident adjustments.

This report summarizes the District's reported and estimated water use in calendar year 2024. The District's water supply planning regions are illustrated in Figure 1, below.

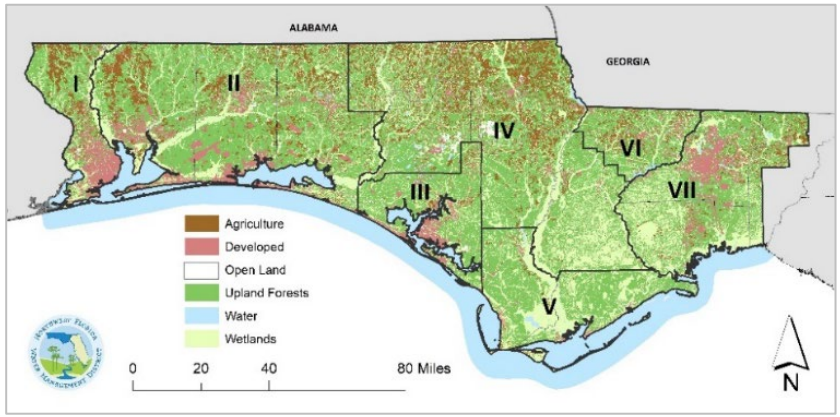


Figure 1. NWFWMD Land Use and Planning Regions (I – VII)

[1] Sections 373.036 and 373.709, Florida Statutes (F.S.).

[2] Additional water use estimates include IWUPs and other small-scale recreational wells with General Water Use Permits (GWUPs) with no reporting requirements.

2024 Water Use Summary

As illustrated in Figure 1, the District's 16 counties are organized into seven water supply planning regions:

I. Escambia County
II. Okaloosa, Santa Rosa, and Walton counties
III. Bay County
IV. Calhoun, Holmes, Jackson, Liberty, and Washington counties
V. Franklin and Gulf counties
VI. Gadsden County
VII. Leon, Wakulla, and (NWFWMD portion of) Jefferson counties

District water use in 2024 totaled more than 325 mgd and is summarized by region and water use category in Table 1 and Figure 2.

Region II accounted for 26 percent of all District estimated water use in 2024, with more than 84 mgd. Region I was the second largest with over 78 mgd or 24 percent of the total water use. Region IV had the third largest in water use, followed by Regions VII and III.

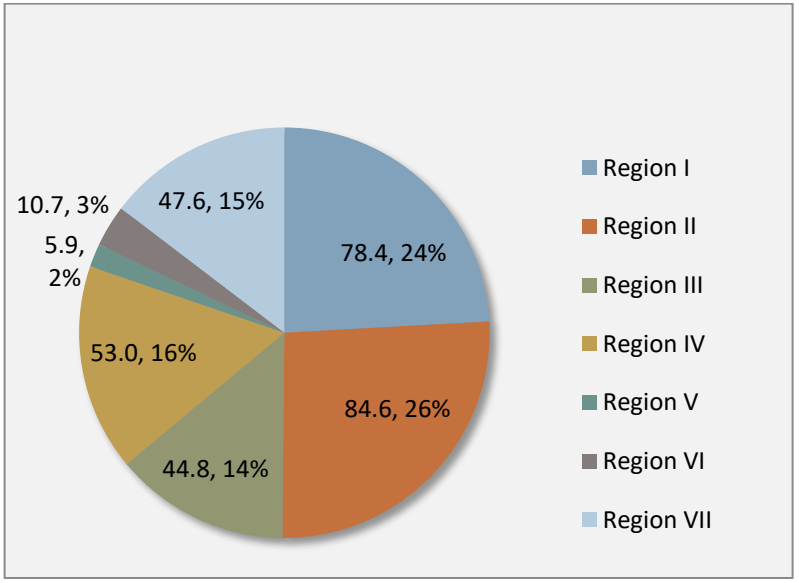


Figure 2. Estimated Water Use by Planning Region (mgd)

In 2024, public supply accounted for more than half of all Districtwide water use (182 mgd), followed by agriculture at 52 mgd, and then ICI (32 mgd). Recreation, DSS, and power generation range from five to eight percent of total water use (Table 1 and Figure 4).

Public supply has consistently been the largest water use category Districtwide since 1995 (see Appendix, page A.20). Public supply water use is concentrated in urbanized portions of regions I, II, III, and VII (Table 1 and Figure 2). Region IV, predominately rural and agricultural, had 34 percent of all DSS use and 72 percent of all agricultural water use. Region II had 59 percent of all recreational water use. Region I had 66 percent of all industrial-commercial-institutional (ICI) self-supplied water use while Regions III and VII had 26 percent and 18 percent, respectively, of power generation water use.

Table 1. Estimated 2024 Water Use by Category and by Region (mgd)

Planning Region	Public Supply	Domestic Self-Supply	Agriculture	Recreation	ICI	Power Generation	TOTAL WATER USE (mgd)
Region I	41.60	1.84	3.01	3.07	20.92	8.01	**78.45**
Region II	59.65	2.13	3.65	15.09	4.11	-	**84.62**
Region III	31.72	2.65	0.94	2.54	3.13	3.84	**44.82**
Region IV	6.54	6.53	37.16	0.94	1.57	0.28	**53.02**
Region V	4.52	0.24	0.30	0.41	0.44	-	**5.92**
Region VI	4.06	1.08	5.03	0.19	0.36	-	**10.73**
Region VII	34.43	4.39	1.59	3.29	1.17	2.71	**47.59**
TOTALS	**182.52**	**18.87**	**51.68**	**25.54**	**31.70**	**14.84**	**325.14**

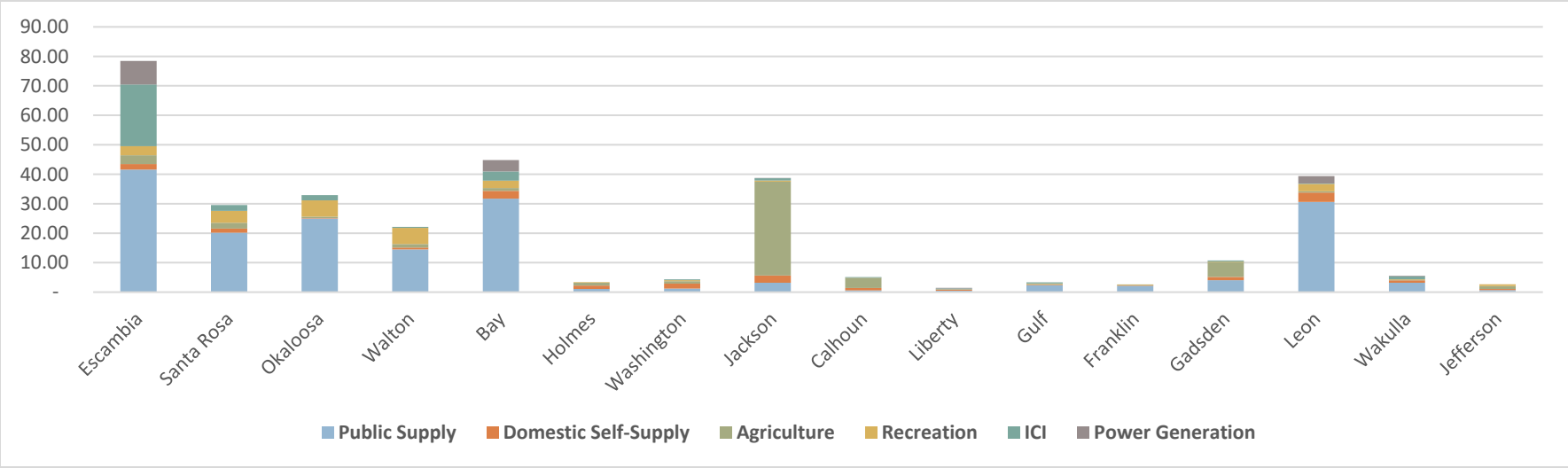


Figure 3. Total Water Use by County and Water Use Category (mgd)

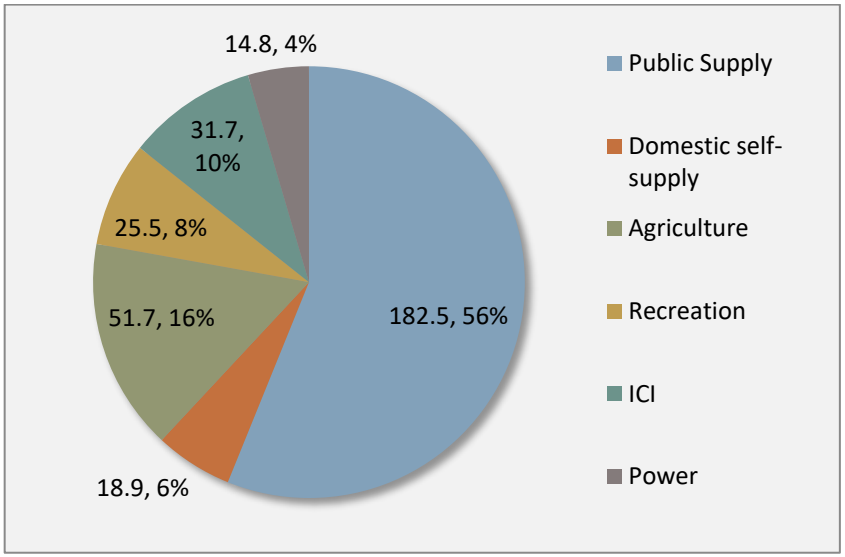


Figure 4. Total Water Use by Category (mgd)

Population Estimates

Based on the University of Florida, Bureau of Business and Economic Research (BEBR) data, the estimated 2024 District population was 1,593,367 (Table 2).

Table 2. Population Estimates (BEBR 2024)

REGION	BEBR Permanent Populations	Seasonal Adjustments	TOTAL[2] Population Estimates
Region I	336,358	10,763	347,121
Region II	517,517	67,109	584,626
Region III	196,112	23,533	219,645
Region IV	117,688	3,610	121,299
Region V	30,268	8,924	39,192
Region VI	44,853	1,076	45,929
Region VII[1]	350,571	3,764	354,335
TOTALS	**1,593,367**	**118,780**	**1,712,148**

[1] Estimated NWFWMD share of Jefferson County only.
[2] Total population estimates, including seasonal adjustments.

The effects of seasonality were estimated to add an equivalent of 118,779 residents for a total adjusted population estimate of 1,712,146. Approximately 87 percent of District residents are estimated to be served by public supply utilities based on reported customers.

The 2024 BEBR Districtwide population estimate is 100,492 more than 2020, consistent with the growth trends during the past few years throughout Florida.

Table 3. BEBR Population Estimates 2020-2024

	BEBR Population Estimates		2020-2024 Change	
	2024	2020	Population	Percent
Escambia	336,358	323,714	12,644	3.9%
Okaloosa	221,806	203,951	17,855	8.8%
Santa Rosa	207,983	184,653	23,330	12.6%
Walton	87,728	74,724	13,004	17.4%
Bay	196,112	174,410	21,702	12.4%
Calhoun	13,700	14,489	(789)	-5.4%
Holmes	20,059	20,001	58	0.3%
Jackson	49,345	46,587	2,758	5.9%
Liberty	8,016	8,575	(559)	-6.5%
Washington	26,568	25,334	1,234	4.9%
Franklin	13,321	11,864	1,457	12.3%
Gulf	16,947	14,724	2,223	15.1%
Gadsden	44,853	46,226	(1,373)	-3.0%
Jefferson(NWF Only)	11,061	10,158	903	8.9%
Leon	302,197	299,484	2,713	0.9%
Wakulla	37,313	33,981	3,332	9.8%
TOTALS	**1,593,367**	**1,492,875**	**100,492**	**6.7%**

Rainfall and Drought

Precipitation varies regionally with more rain occurring in the western panhandle and lower rainfall in northeastern portion of the District (Figure 5). The 2024 annual average rainfall Districtwide of nearly 66.33 inches was above the normal annual average of 62.2 inches (Figure 5).

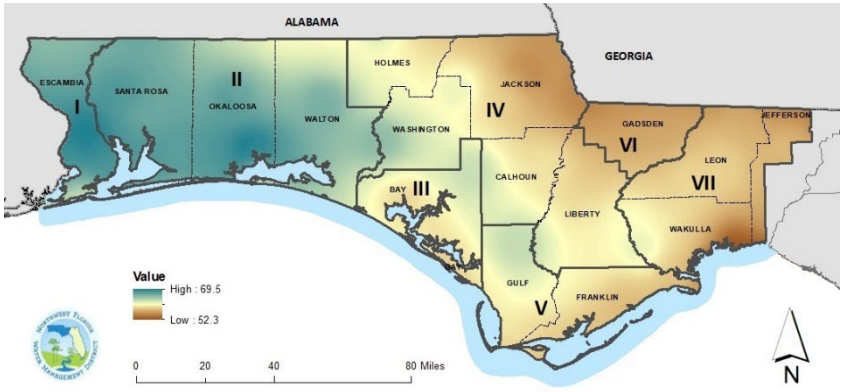


Figure 5. Normal Average Annual Precipitation (1991-2020) In/Yr[3]

Agriculture and recreation are the two water use categories most affected by rainfall and drought. More precipitation information is provided in the "Agricultural and Recreational Irrigation" section.

Water use in the public supply and domestic self-supply categories typically increases by an estimated seven percent in dry years, largely due to increased outdoor use for irrigation (NWFWMD, 2023). Power generation and ICI drought-year demands are generally not anticipated to differ from water demands during an average rainfall year.

[3] Source: PRISM Climate Group, Oregon State University, http://prism.oregonstate.edu. Data created Jan 10, 2024.

Public Supply and Domestic Self-Supply

Public supply water use in 2024 was estimated to total 182.52 mgd, accounting for more than half of all water use Districtwide. With seasonal adjustments, estimated public supply populations served totaled 1.48 million. Approximately 56 percent of all public supply water use was in the District's three most urbanized counties – Escambia, Okaloosa, and Leon – and about 92 percent was in regions I, II, III and VII combined.

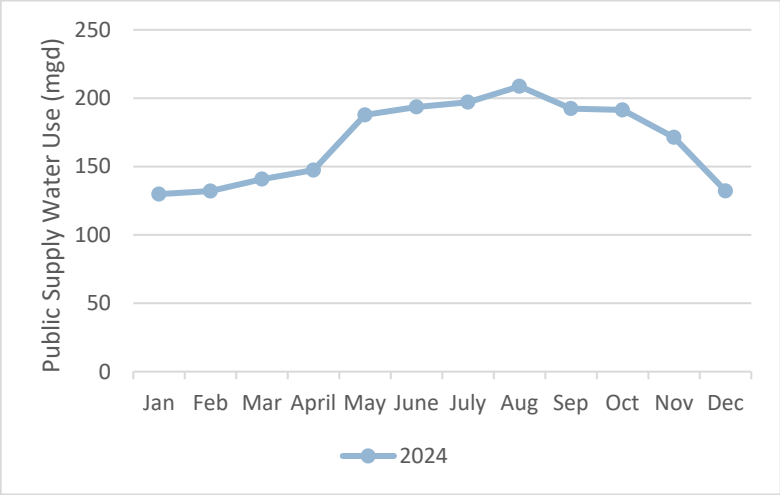


Figure 6. Monthly Average Public Supply Water Use (mgd)

Districtwide monthly average public supply water use during 2024 is shown on Figure 6. The lowest water use generally occurs during winter months. Higher water consumption from May through October is likely due to landscape irrigation needs or the impacts from seasonal residents in some communities, or both.

The estimated 2024 DSS population was 229,320. Based on a domestic per capita water use rate of 82.30 gpcd[4] (Marella, 2020), the estimated domestic self-supply (DSS) water use totaled 18.87 mgd.

Together, public supply and DSS comprised 62 percent of all water use Districtwide in 2024.

Per Capita Water Use Rates

The 2024 Districtwide public supply per capita water use rates were 123.09 gpcd gross and 68.37 gpcd residential. Both gross and residential per capita rates have exhibited a slight rising trend in recent years compared to the previous downward trend (Figure 7). See Appendix, page A.19, for more information.

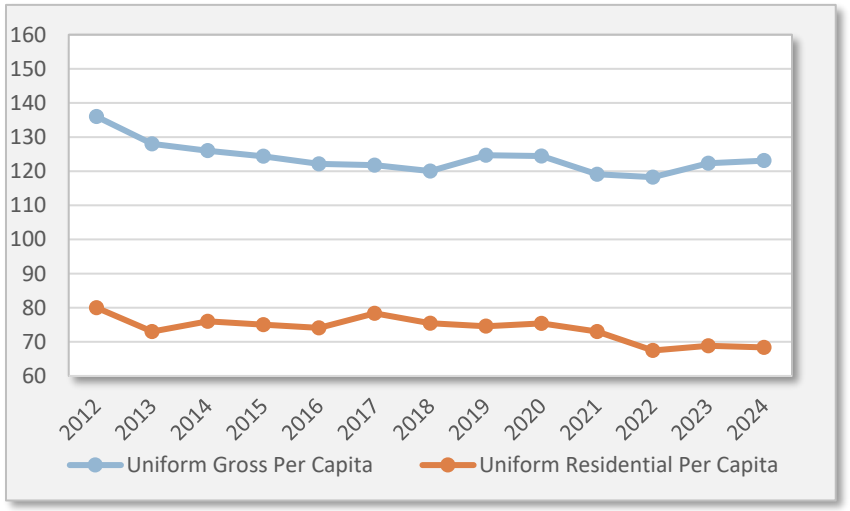


Figure 7. Trends in Per Capita Water Use Rates 2012-2024 (gpcd)

Five-year average per capita rates over the period 2020-2024 are:

- Average Uniform Gross Per Capita Use: 121.44 gpcd
- Average Uniform Residential Per Capita Use: 70.62 gpcd

[4] Gallons per capita per day (gpcd).

Agriculture and Recreation

The Districtwide annual average total rainfall in 2024 was slightly above average (Figure 8). From 2011 to 2024, data appears to indicate a slight inverse relationship between reported agricultural water use and annual average precipitation.

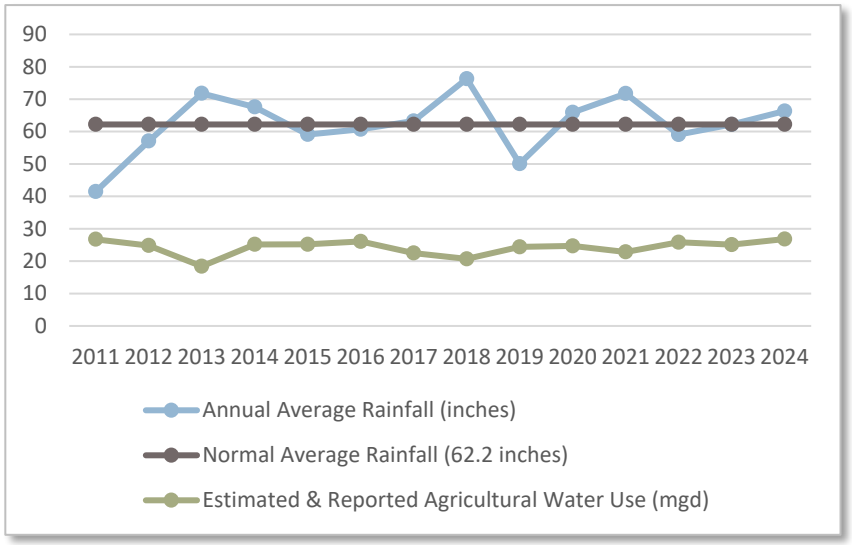


Figure 8. Rainfall and Agricultural Reported Water Use 2011-2024

The estimated and reported agricultural water use associated with IWUPs in 2024 was 26.8 mgd, approximately 52 percent of the most recent FSAID total agricultural estimate of 51.68 mgd (2022 data). About 94 percent of reported agricultural water withdrawals are from groundwater. Eighty-seven percent of the reported surface water withdrawals for agricultural water use were within Gadsden County.

Monthly average reported agricultural water use during calendar years 2022, 2023, and 2024 is illustrated in Figure 9.

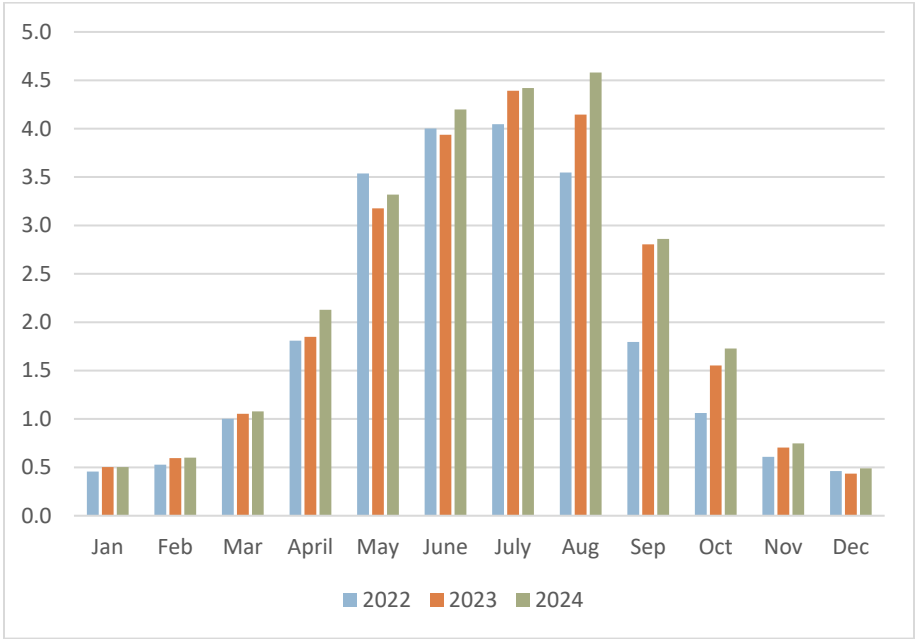


Figure 9. Reported Agricultural Water Use by Month (mgd)

Recreational water uses include golf course and landscape irrigation, and water-based recreation. Region II comprised 59 percent of the estimated recreational water use Districtwide.

The total estimated recreational water use in 2024 was 25.28 mgd. Reported recreational water use was 16.34 mgd or 64 percent of the total (Appendix 4.1). The sources of reported recreational water use are approximately 64% groundwater and 36% surface water. Other sources of water include reclaimed water or co-mingling of surface, ground, and reclaimed water, which were not analyzed at the time of this report.

Collectively, agricultural and recreational uses were estimated to comprise 24 percent of all water use Districtwide in 2024.

Power Generation and ICI

Thermoelectric power generation and ICI self-supplied water use estimates in 2024, adjusted for recirculation, were approximately 14.84 mgd and 31.70 mgd, respectively. Power generation and ICI together comprised 15 percent of all 2024 water use Districtwide.

Seventy-six percent of ICI self-supply water use occurred in Escambia and Bay counties, 13 percent in Region II, and 11 percent in the remaining District counties. Additional ICI water users are served by public supply utilities. Of the total ICI self-supplied water use, 89 percent was withdrawn from groundwater sources and 11 percent from surface waters.

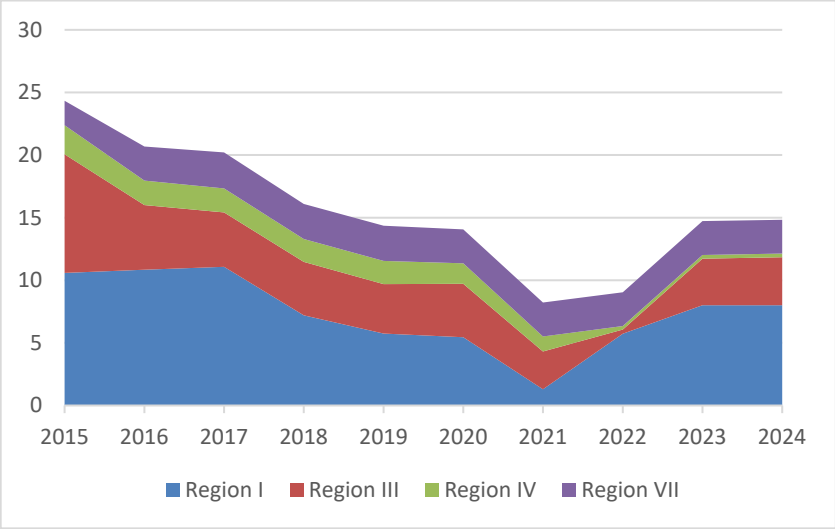


Figure 10. Trends in Power Generation Water Use 2015 to 2024 (mgd)

Figure 10 illustrates total power water use from 2015 to 2024 in regions that have thermoelectric power generation facilities. Factors contributing to declining water use trends may include conservation, system efficiencies, and fuel conversions. However, an increase in power water use occurred during 2021 through 2024, with minimal change from 2023 to 2024.

Water Withdrawals by Water Source

Primary groundwater resources are the Floridan aquifer across much of northwest Florida and the sand-and-gravel aquifer in western parts of the District. A major surface water resource is Deer Point Lake Reservoir in Bay County.

Approximately 68 percent of water withdrawals in 2024 were from groundwater sources, 16.3 percent from surface waters, and 16.0 percent "Other Water" – which are unknown or uncertain sources of water, attributed to DSS and to additional agricultural and recreational water use estimates (Figure 11). Withdrawals from the Floridan aquifer accounted for an estimated 39 percent of all water use and over half of all groundwater withdrawals. Approximately 41.5 percent of groundwater withdrawals were from the sand-and-gravel aquifer. Around one percent of groundwater pumped was from other aquifers, including the intermediate, Claiborne, and surficial aquifer systems.

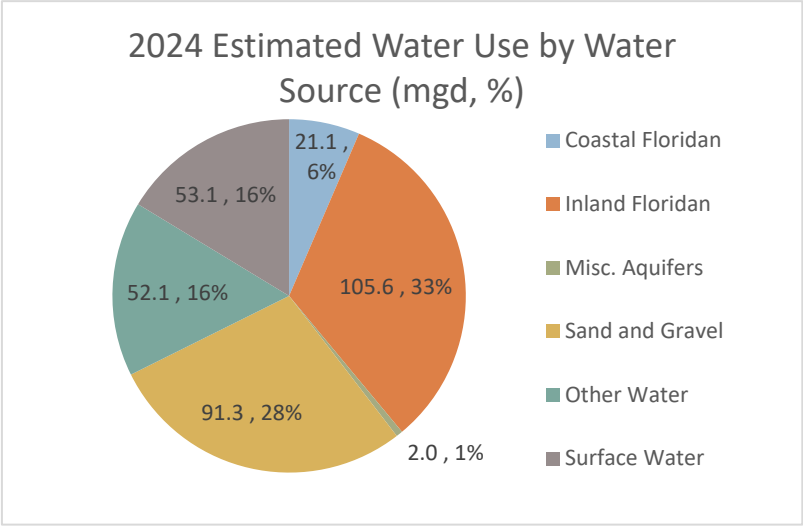


Figure 31. NWFWMD 2024 Water Use by Water Source

Data Quality and Uncertainty Analysis

In 2024, 83 percent (263 mgd) of all estimated water use was from reported and audited compliance data submitted by permittees that have an Individual Water Use Permit (IWUP). Public supply and ICI estimates are from reported and audited pumping reports. The remaining water use estimates are generated or affected by the following:

- Domestic Self-Supply (DSS) – All DSS use is estimated at the county level based on the estimated population that is not served by public supply and a domestic per capita water use rate provided by USGS.
- Agriculture – Fifty-two percent of the total FDACS/FSAID[5] estimate is from NWFWMD reported and audited pumping reports.
- Recreation – Sixty-five percent of the recreational estimate was obtained from audited pumping reports. The total includes water use estimated from small-scale irrigation wells.
- Power – Some power generating facilities with DEP Site Certifications do not have an IWUP or have limited IWUP compliance reporting conditions.

Also, changes in regulatory criteria, type and frequency of compliance reports submitted by permittees, and changes in the number of permittees with reporting requirements can all affect the availability and quality of water use and population data.

The District continues refining data and methods to enhance population estimates for public supply and DSS, including how to account for ICI institutional residents and limited public supply populations in overall population analyses.

Correctional facility IWUPs often provide water for multiple use categories (e.g., agriculture, heating and cooling, landscape irrigation) and may still be separately dependent on a public supply utility for potable water supplies.

Table 4. BEBR 2024 Total and Inmate Population Estimates

COUNTY	Total BEBR Estimate	Inmates Estimate	Net Total (less inmates)	Inmates as a % of Total BEBR	Inmates % of Net Total
ESCAMBIA	336,358	2,239	334,119	0.67%	0.67%
OKALOOSA	221,806	1,203	220,603	0.54%	0.55%
SANTA ROSA	207,983	4,466	203,517	2.15%	2.19%
WALTON	87,728	1,355	86,373	1.54%	1.57%
BAY	196,112	1,115	194,997	0.57%	0.57%
CALHOUN	13,700	1,133	12,567	8.27%	9.02%
HOLMES	20,059	1,427	18,632	7.11%	7.66%
JACKSON	49,345	6,173	43,172	12.51%	14.30%
LIBERTY	8,016	1,549	6,467	19.32%	23.95%
WASHINGTON	26,568	2,334	24,234	8.79%	9.63%
FRANKLIN	13,321	1,106	12,215	8.30%	9.05%
GULF	16,947	1,754	15,193	10.35%	11.54%
GADSDEN	44,853	3,091	41,762	6.89%	7.40%
JEFFERSON(NWF)	11,061	0	11,061	0.00%	0.00%
LEON	302,197	1,391	300,806	0.46%	0.46%
WAKULLA	37,313	2,382	34,931	6.38%	6.82%
TOTALS	1,593,367	32,718	1,560,649	2.05%	2.10%

[5] The FDACS/FSAID agriculture estimates are typically completed by June following water management district annual estimates, in this case, FSAID IX released in June 2024 was prepared with 2022 water use data. The FSAID water demand estimates are modeled based on average hypothetical rainfall.

Acronyms

BEBR	Bureau of Business and Economic Research
DSS	Domestic Self-Supply
F.A.C.	Florida Administrative Code
FDACS	Florida Department of Agriculture and Consumer Services
F.S.	Florida Statutes
FSAID	Florida Statewide Agricultural Irrigation Demand
gpcd	Gallons per Capita per Day
GWUP	General Water Use Permit
ICI	Industrial-Commercial-Institutional
IWUP	Individual Water Use Permit
mgd	Million Gallons per Day
MFLs	Minimum Flows and Minimum Water Levels
USGS	United States Geological Survey

References and Additional Information

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Total Estimated Water Use by Category (mgd)

Planning Region	County / Region	Public Supply	Domestic Self-Supply	Agriculture[(1)]	Recreation[(2)]	ICI	Power Generation	TOTAL ESTIMATED WATER USE (mgd)
I	Escambia	41.601	1.837	3.007	3.071	20.920	8.011	78.447
	Region I Total	**41.601**	**1.837**	**3.007**	**3.071**	**20.920**	**8.011**	**78.447**
II	Okaloosa	24.973	0.139	0.489	5.538	1.788	-	32.925
	Santa Rosa	20.159	1.387	1.980	4.045	1.978	-	29.549
	Walton	14.514	0.606	1.179	5.508	0.341	-	22.148
	Region II Total	**59.646**	**2.132**	**3.647**	**15.091**	**4.107**	**-**	**84.622**
III	Bay	31.723	2.653	0.941	2.537	3.126	3.835	44.816
	Region III Total	**31.723**	**2.653**	**0.941**	**2.537**	**3.126**	**3.835**	**44.816**
IV	Calhoun	0.569	0.855	3.425	0.006	0.240	-	5.095
	Holmes	1.090	1.151	0.925	0.215	-	-	3.381
	Jackson	3.176	2.469	31.852	0.387	0.771	0.077	38.733
	Liberty	0.502	0.361	0.111	0.002	0.289	0.206	1.470
	Washington	1.197	1.694	0.846	0.332	0.272	-	4.341
	Region IV Total	**6.536**	**6.530**	**37.158**	**0.943**	**1.571**	**0.283**	**53.021**
V	Franklin	2.193	0.058	0.010	0.292	0.017	-	2.571
	Gulf	2.331	0.186	0.295	0.116	0.424	-	3.351
	Region V Total	**4.524**	**0.243**	**0.305**	**0.408**	**0.442**	**-**	**5.922**
VI	Gadsden	4.063	1.085	5.029	0.194	0.357	-	10.728
	Region VI Total	**4.063**	**1.085**	**5.029**	**0.194**	**0.357**	**-**	**10.728**
VII	Jefferson[(NWF Only)]	0.661	0.387	1.009	0.580	-	-	2.637
	Leon	30.608	3.168	0.465	2.506	0.114	2.500	39.361
	Wakulla	3.161	0.840	0.115	0.206	1.060	0.207	5.591
	Region VII Total	**34.430**	**4.395**	**1.589**	**3.292**	**1.175**	**2.707**	**47.589**
TOTALS		**182.523**	**18.874**	**51.676**	**25.536**	**31.698**	**14.837**	**325.144**
Percent of Total Water Use:		**56.1%**	**5.8%**	**15.9%**	**7.9%**	**9.7%**	**4.6%**	**100%**

Total annual average daily rate (ADR) estimated water use in million gallons per day (mgd).

(1) FSAID XII - 2024 estimated water use based on average hypothetical precipitation.

(2) Estimate of 2024 reported recreational water use and additional estimating methods and data used in the 2023 WSA.

Total Estimated Water Use by Source (mgd)

Planning Region	County / Region	Coastal Floridan	Inland Floridan	Inter-mediate	Claiborne	Sand and Gravel	Surficial	Total Ground-water	Total Other Water[(1)]	Total Surface Water	TOTAL ESTIMATED WATER USE
I	Escambia	-	-	-	-	64.029	0.205	64.234	5.893	8.320	78.447
	Region Totals	**-**	**-**	**-**	**-**	**64.029**	**0.205**	**64.234**	**5.893**	**8.320**	**78.447**
II	Okaloosa	16.059	6.901	-	-	1.948	-	24.909	2.536	1.818	29.262
	Santa Rosa	0.897	0.393	0.120	-	23.201	-	24.611	4.561	0.377	29.549
	Walton	1.136	17.925	0.219	-	2.123	0.210	21.612	2.245	1.955	25.811
	Region Totals	**18.092**	**25.220**	**0.338**	**-**	**27.272**	**0.210**	**71.132**	**9.341**	**4.149**	**84.622**
III	Bay	0.221	3.771	-	-	0.015	0.767	4.774	3.755	36.287	44.816
	Region Totals	**0.221**	**3.771**	**-**	**-**	**0.015**	**0.767**	**4.774**	**3.755**	**36.287**	**44.816**
IV	Calhoun	-	3.937	-	-	-	-	3.937	1.105	0.054	5.095
	Holmes	-	0.780	-	0.274	-	-	1.054	2.291	-	3.345
	Jackson	-	22.558	-	0.084	-	-	22.642	15.893	0.198	38.733
	Liberty	-	0.962	-	-	-	0.033	0.995	0.472	0.003	1.470
	Washington	-	1.885	-	-	-	-	1.885	2.478	0.014	4.378
	Region Totals	**-**	**30.122**	**-**	**0.358**	**-**	**0.033**	**30.513**	**22.239**	**0.268**	**53.021**
V	Franklin	2.211	-	-	-	-	-	2.211	0.129	0.231	2.571
	Gulf	0.531	0.903	0.023	-	-	0.023	1.481	0.304	1.567	3.351
	Region Totals	**2.742**	**0.903**	**0.023**	**-**	**-**	**0.023**	**3.691**	**0.432**	**1.798**	**5.922**
VI	Gadsden	-	5.183	-	-	-	-	5.183	4.185	1.360	10.728
	Region Totals	**-**	**5.183**	**-**	**-**	**-**	**-**	**5.183**	**4.185**	**1.360**	**10.728**
VII	Jefferson[(NWF Only)]	-	1.775	-	-	-	-	1.775	0.862	-	2.637
	Leon	-	34.992	-	-	-	-	34.992	4.247	0.668	39.907
	Wakulla	-	3.676	-	-	-	-	3.676	1.161	0.207	5.045
	Region Totals	**-**	**40.443**	**-**	**-**	**-**	**-**	**40.443**	**6.270**	**0.876**	**47.589**
DISTRICT TOTALS		**21.054**	**105.642**	**0.362**	**0.358**	**91.316**	**1.239**	**219.970**	**52.116**	**53.058**	**325.144**
Percentages		**9.6%**	**48.0%**	**0.2%**	**0.2%**	**41.5%**	**0.6%**	**67.7%**	**16.0%**	**16.3%**	**100%**

(1) "Other Water" refers to estimated withdrawals, but source is unknown or uncertain. Domestic Self-Supply (DSS) water use is estimated with population estimates and a per capita water use rate: groundwater withdrawn from domestic or limited public supply wells is assumed but no specific water source or aquifer is identified. Additional estimating methods for Agriculture and Recreational Irrigation also have uncertain water sources. Gadsden County agricultural water use is on average 50-50 surface and groundwater. Recreational water use is often a complex water flow system of both ground and surface waters and at times co-mingled with reclaimed water.

Population Estimates - County, Public Supply Utility, and Domestic Self-Supply

Planning Region	County / Region	2010-2024 Population Change %[1]	BEBR 2024 County Permanent Populations[2]	Seasonal Rate % County Average	County Seasonal[3] Adjustments	TOTAL[4] County Population Estimates	Public Supply Populations Served[5]	% of TOTAL	DSS-Other Population Estimates[6]	% of TOTAL
I	Escambia	13.0%	336,358	3.2%	10,763	347,121	324,804	93.6%	22,317	6.4%
	Total/Average	**13.0%**	**336,358**	**3.2%**	**10,763**	**347,121**	**324,804**	**93.6%**	**22,317**	**6.4%**
II	Okaloosa	22.7%	221,806	9.0%	19,963	241,769	240,084	99.3%	1,685	0.7%
	Santa Rosa	37.4%	207,983	2.0%	4,160	212,143	195,291	92.1%	16,851	7.9%
	Walton	59.4%	87,728	49.0%	42,987	130,715	123,352	94.4%	7,362	5.6%
	Total/Average	**33.6%**	**517,517**	**20.0%**	**67,109**	**584,626**	**558,727**	**95.6%**	**25,899**	**4.4%**
III	Bay	16.1%	196,112	12.0%	23,533	219,645	187,413	85.3%	32,232	14.7%
	Total/Average	**16.1%**	**196,112**	**12.0%**	**23,533**	**219,645**	**187,413**	**85.3%**	**32,232**	**14.7%**
IV	Calhoun	-6.3%	13,700	3.0%	411	14,111	3,722	26.4%	10,389	73.6%
	Holmes	0.7%	20,059	1.0%	201	20,260	6,276	31.0%	13,984	69.0%
	Jackson	-0.8%	49,345	3.0%	1,480	50,825	20,827	41.0%	29,999	59.0%
	Liberty	-4.2%	8,016	9.0%	721	8,738	4,356	49.9%	4,381	50.1%
	Washington	6.7%	26,568	3.0%	797	27,365	6,782	24.8%	20,583	75.2%
	Total/Average	**0.1%**	**117,688**	**3.8%**	**3,610**	**121,299**	**41,963**	**34.6%**	**79,336**	**65.4%**
V	Franklin	15.3%	13,321	39.0%	5,195	18,517	17,813	96.2%	704	3.8%
	Gulf	6.8%	16,947	22.0%	3,728	20,676	18,421	89.1%	2,255	10.9%
	Total/Average	**10.4%**	**30,268**	**30.5%**	**8,924**	**39,192**	**36,234**	**92.5%**	**2,958**	**7.5%**
VI	Gadsden	-3.3%	44,853	2.4%	1,076	45,929	32,747	71.3%	13,182	28.7%
	Total/Average	**-3.3%**	**44,853**	**2.4%**	**1,076**	**45,929**	**32,747**	**71.3%**	**13,182**	**28.7%**
VII	Jefferson[(NWF Only)]	6.2%	11,061	3.5%	387	11,448	6,748	58.9%	4,700	41.1%
	Leon	9.7%	302,197	0.5%	1,511	303,708	265,825	87.5%	37,883	12.5%
	Wakulla	21.2%	37,313	5.0%	1,866	39,179	28,977	74.0%	10,202	26.0%
	Total/Average	**10.7%**	**350,571**	**3.0%**	**3,764**	**354,335**	**301,550**	**85.1%**	**52,784**	**14.9%**
TOTALS/AVERAGES		**17.0%**	**1,593,367**	**7.5%**	**118,780**	**1,712,148**	**1,483,438**	**86.6%**	**228,709**	**13.4%**

(1) Source: University of Florida (UF), Bureau of Economic and Business Research (BEBR), Population Studies Program, https://www.bebr.ufl.edu/population.

(2) UF BEBR, Population Studies Program, Vol. 54, Bulletin 189, April 2025. Permanent population estimates only, but includes estimated inmate populations.

(3) Estimated seasonal populations based on county average seasonal rates applied to BEBR population estimates.

(4) Total county populations adjusted by adding the estimated seasonal populations to BEBR estimate.

(5) The population served by each public supply utility service area is estimated from review of all available data, including compliance submissions, and include seasonal population estimates where applicable.

(6) Net Domestic Self-Supply (DSS) population estimates are derived by subtracting public supply utility populations served from adjusted county totals. This estimate includes other miscellaneous populations, e.g., small public systems and correctional facility inmates not otherwise accounted for.

1.1 Public Water Supply Withdrawn, Demand, Populations Served, and Per Capita Water Use

Planning Region	County / Region	Reported Pumpage	Imports	Exports	Finished Water Demand	Public Supply Adjusted[(1)] Population Served	Average GROSS Per Capita Water Use	Average RESIDENTIAL Per Capita Water Use
I	Escambia	41.601	-	-	41.601	324,804	128.08	79.33
	Totals/Average Per Capita	**41.601**	**0.000**	**0.000**	**41.601**	**324,804**	**128.08**	**79.33**
II	Okaloosa	21.310	3.663	-	24.973	240,084	104.02	59.26
	Santa Rosa	20.159	6.312	6.312	20.159	195,291	103.22	62.96
	Walton	18.178	3.076	6.739	14.514	123,352	117.67	66.66
	Totals/Average Per Capita	**59.646**	**13.050**	**13.050**	**59.646**	**558,727**	**106.75**	**62.19**
III	Bay	31.723	29.676	29.676	31.723	187,413	169.27	81.12
	Totals/Average Per Capita	**31.723**	**29.676**	**29.676**	**31.723**	**187,413**	**169.27**	**81.12**
IV	Calhoun	0.569	-	-	0.569	3,722	152.98	80.48
	Holmes	1.054	0.037	-	1.090	6,276	173.75	56.90
	Jackson	3.176	-	-	3.176	20,827	152.52	67.36
	Liberty	0.502	-	-	0.502	4,356	115.35	98.32
	Washington	1.234	-	0.037	1.197	6,782	176.54	91.88
	Totals/Average Per Capita	**6.536**	**0.037**	**0.037**	**6.536**	**41,963**	**155.76**	**74.14**
V	Franklin	2.193	0.000	0.000	2.193	17,813	123.12	67.54
	Gulf	2.331	-	-	2.331	18,421	126.54	45.74
	Totals/Average Per Capita	**4.524**	**0.000**	**0.000**	**4.524**	**36,234**	**124.86**	**56.46**
VI	Gadsden	4.063	-	-	4.063	32,747	124.08	72.96
	Totals/Average Per Capita	**4.063**	**0.000**	**0.000**	**4.063**	**32,747**	**124.08**	**72.96**
VII	Jefferson[(NWF Only)]	0.661	-	-	0.661	6,748	97.97	71.60
	Leon	31.154	-	0.546	30.608	265,214	115.41	58.01
	Wakulla	2.616	0.546	-	3.161	28,977	109.10	77.86
	Totals/Average Per Capita	**34.430**	**0.546**	**0.546**	**34.430**	**300,939**	**114.41**	**60.22**
DISTRICT TOTALS/AVERAGE		**182.523**	**43.309**	**43.309**	**182.523**	**1,482,827**	**123.09**	**68.37**

(1) Populations served include seasonal resident adjustments

1.2 Public Supply Water Withdrawals by Source (mgd)

Planning Region	County / Region	Coastal Floridan	Inland Floridan	Inter-mediate	Claiborne	Sand and Gravel	Surficial	Total Groundwater	Total Surface Water	TOTAL REPORTED WATER USE
I	Escambia	-	-	-	-	41.601	-	41.601	-	41.601
	Region Totals	**-**	**-**	**-**	**-**	**41.601**	**-**	**41.601**	**-**	**41.601**
II	Okaloosa	15.569	5.741	-	-	-	-	21.310	-	21.310
	Santa Rosa	0.897	0.320	0.120	-	18.822	-	20.159	-	20.159
	Walton	1.136	16.907	0.135	-	-	-	18.178	-	18.178
	Region Totals	**17.601**	**22.968**	**0.255**	**-**	**18.822**	**-**	**59.646**	**-**	**59.646**
III	Bay[(1)]	-	2.048	-	-	-	-	2.048	29.676	31.723
	Region Totals	**-**	**2.048**	**-**	**-**	**-**	**-**	**2.048**	**29.676**	**31.723**
IV	Calhoun	-	0.569	-	-	-	-	0.569	-	0.569
	Holmes	-	0.780	-	0.274	-	-	1.054	-	1.054
	Jackson	-	3.136	-	0.040	-	-	3.176	-	3.176
	Liberty	-	0.502	-	-	-	-	0.502	-	0.502
	Washington	-	1.234	-	-	-	-	1.234	-	1.234
	Region Totals	**-**	**6.222**	**-**	**0.314**	**-**	**-**	**6.536**	**-**	**6.536**
V	Franklin	2.193	-	-	-	-	-	2.193	-	2.193
	Gulf	0.531	0.232	0.000	-	-	-	0.764	1.567	2.331
	Region Totals	**2.724**	**0.232**	**0.000**	**-**	**-**	**-**	**2.957**	**1.567**	**4.524**
VI	Gadsden	-	4.063	-	-	-	-	4.063	-	4.063
	Region Totals	**-**	**4.063**	**-**	**-**	**-**	**-**	**4.063**	**-**	**4.063**
VII	Jefferson[(NWF Only)]	-	0.661	-	-	-	-	0.661	-	0.661
	Leon	-	31.154	-	-	-	-	31.154	-	31.154
	Wakulla	-	2.616	-	-	-	-	2.616	-	2.616
	Region Totals	**-**	**34.430**	**-**	**-**	**-**	**-**	**34.430**	**-**	**34.430**
	DISTRICT TOTALS	**20.325**	**69.964**	**0.255**	**0.314**	**60.422**	**-**	**151.280**	**31.243**	**182.523**

(1) Bay County Board of County Commissioners (BCBOCC) surface water withdrawals from Deer Point Lake Reservoir exclude exports to large industrial users, and to Tyndall Air Force Base. See ICI for industrial and institutional water use estimates.

NOTE: Since 2015, public supply IWUP compliance data has been affected by adjustments in permit and reporting requirements, and by Emergency Executive Orders. As a result, the 2024 estimated public supply water use relies on DEP Monthly Operating Report (MOR) data and/or historical water use for approximately 15 percent of the total public supply utility systems.

1.3 Public Supply Water Demand, Populations Served, and Per Capita Water Use - by Utility

		Withdrawals and Water Demand (mgd)				Populations and Per Capita Water Use (gpcd)		
Planning Region	Public Supply Utility or Service Area	Reported Pumpage	Imports	Exports	Finished Water Demand	Public Supply Adjusted[(1)] Population Served	Average GROSS Per Capita Water Use	Average RESIDENTIAL Per Capita Water Use
I	**Escambia County**	**41.601**	**0.000**	**0.000**	**41.601**	**324,804**	**128.08**	**79.33**
	Central Water Works, Inc.	0.372	-	-	0.372	2,445	151.94	57.61
	Century, Town of	0.423	-	-	0.423	3,490	121.28	110.00
	Cottage Hill Water Works, Inc.	0.468	-	-	0.468	3,562	131.32	75.91
	Emerald Coast Utilities Authority (ECUA)	35.268	-	-	35.268	257,211	137.12	83.79
	Farm Hill Utilities, Inc.	0.768	-	-	0.768	8,596	89.40	62.26
	Gonzalez Utilities Association, Inc.	0.570	-	-	0.570	6,559	86.90	52.64
	Molino Utilities, Inc.	1.122	-	-	1.122	8,487	132.26	82.00
	People's Water Service Company	2.608	-	-	2.608	30,356	85.93	53.71
	EREC Water System	0.000	-	-	0.000	4,098	0.09	52.03
	REGION I - Totals/Average Per Capita	**41.601**	**0.000**	**0.000**	**41.601**	**324,804**	**128.08**	**79.33**
II	**Okaloosa County**	**21.307**	**3.663**	**0.000**	**24.970**	**240,084**	**104.01**	**59.26**
	Auburn Water System	2.594	-	-	2.594	15,895	163.21	97.42
	Baker Water System	0.269	-	-	0.269	2,825	95.24	71.07
	Okaloosa Waterworks-US Water Services	0.035	-	-	0.035	573	60.97	45.73
	Crestview, City of	2.298	-	-	2.298	26,399	87.06	31.00
	Destin Water Users	1.374	3.079	-	4.424	31,049	142.47	88.94
	Fort Walton Beach, City of	2.649	-	-	2.649	24,570	107.83	50.32
	Holt Water Works, Inc.	0.255	-	-	0.255	2,146	118.89	73.71
	Laurel Hill, City of	0.144	-	-	0.144	1,568	91.89	59.98
	Mary Esther, City of	0.408	-	-	0.408	4,027	101.28	57.74
	Milligan Water System	0.145	-	-	0.145	1,729	84.00	52.08
	Niceville, City of	2.765	-	-	2.765	21,326	129.67	85.36
	OCW&S - Bluewater	1.203	-	-	1.203	13,760	87.44	60.74
	OCW&S - Okaloosa County Water & Sewer	6.614	-	-	6.614	85,169	77.66	44.12
	Main Garniers					-	-	-
	Shalimar					-	-	-
	Okaloosa Island					-	-	-
	County West					-	-	-
	OCW&S - Mid-County	0.000	-	-	0.000	-	-	-
	SWUC (Okaloosa County portion)	-	0.614	-	0.614	3,508	175.01	102.17
	Valparaiso, City of	0.551	-	-	0.551	5,539	99.56	52.03

(1) Populations served include seasonal resident adjustments

Table 1.3, continued

Planning Region	Public Supply Utility / County / Region	Withdrawals and Water Demand (mgd)				Populations and Per Capita Water Use (gpcd)		
		Reported Pumpage	Imports	Exports	Finished Water Demand	Public Supply Adjusted[(1)] Population Served	Average GROSS Per Capita Water Use	Average RESIDENTIAL Per Capita Water Use
II	**Santa Rosa County**	**20.159**	**6.312**	**6.312**	**20.159**	**195,291**	**103.22**	**62.96**
	Bagdad-Garcon Point Water System	0.792	-	-	0.792	5,945	133.16	79.08
	Berrydale Water System	0.278	-	-	0.278	2,630	105.88	49.44
	Chumuckla Water System	0.469	-	-	0.469	4,667	100.45	72.29
	East Milton Water System	2.166	-	-	2.166	15,240	142.11	62.59
	Fairpoint Regional Utility System (FRUS)	6.312	-	6.312	-	-	-	0.00
	Gulf Breeze Water Department (Service Area)	-	2.153	-	2.153	6,613	325.55	244.16
	Holley-Navarre Water System, Inc.	0.592	2.630	-	3.222	46,359	69.50	53.41
	Jay, Town of	0.139	-	-	0.139	1,115	124.66	95.78
	Midway Water System	0.697	1.102	0.000	1.798	19,535	92.06	58.85
	Milton, City of	2.054	-	-	2.054	18,520	110.89	71.90
	Moore Creek-Mt. Carmel Utilities, Inc.	0.294	-	-	0.294	3,375	87.16	54.04
	Pace Water System, Inc.	5.242	-	-	5.242	45,106	116.22	55.01
	Point Baker Water System, Inc.	1.090	-	-	1.090	9,400	116.01	79.78
	Navarre Beach - Santa Rosa BOCC	0.035	0.426	-	0.461	6,094	75.67	51.27
	South Santa Rosa Utilities (Service Area)	-	0.000	-	0.000	10,693	-	0.00
	Walton County	**18.170**	**3.076**	**6.739**	**14.506**	**123,352**	**117.60**	**66.66**
	Argyle Water System	0.075	-	-	0.075	988	76.10	57.08
	DeFuniak Springs, City of	1.562	-	-	1.562	12,243	127.58	44.03
	FCSWC / Regional Utilities	7.213	-	-	7.213	68,828	104.80	61.11
	Freeport, City of	1.392	-	-	1.392	12,376	112.44	69.16
	Freeport, City of, North Bay Water System	0.137	-	-	0.137	2,216	61.67	57.12
	Inlet Beach Water System, Inc.	0.373	-	-	0.373	2,615	142.58	66.67
	Mossy Head Water Works, Inc.	0.367	-	-	0.367	4,104	89.46	55.46
	Paxton, City of	0.165	-	-	0.165	1,566	105.14	98.87
	SWUC - Rockhill Inland Well Field	6.125	-	6.125	0.000	-	-	-
	SWUC - Coastal Well Field	0.761	3.076	0.614	3.223	18,416	175.01	102.17
	REGION II - Totals/Average Per Capita	**59.635**	**13.050**	**13.050**	**59.635**	**558,727**	**106.75**	**62.19**

(1) Populations served include seasonal resident adjustments

Table 1.3, continued — Withdrawals and Water Demand (mgd) — Populations and Per Capita Water Use (gpcd)

Planning Region	Public Supply Utility / County / Region	Reported Pumpage	Imports	Exports	Finished Water Demand	Public Supply Adjusted[1] Population Served	Average GROSS Per Capita Water Use	Average[2] RESIDENTIAL Per Capita Water Use
III	**Bay County**	**31.723**	**29.676**	**29.676**	**31.723**	**187,413**	**169.27**	**81.12**
	Bay County BOCC (Public Supply ONLY)	29.676	-	-	-	11,692	-	
	Bay County - Cedar Grove	-	0.634	-	0.634	3,450	183.81	113.96
	Bay County - North Bay/Lake Merial	-	0.749	-	0.749	6,000	124.88	77.42
	Bay County - Bay Co. (excludes North Bay, Lk Meria	-	1.214	-	1.214	9,500	127.77	79.22
	Bay County BOCC - Total Exports	-	-	29.676	-	-	-	
	Callaway	-	1.489	-	1.489	16,790	88.67	54.97
	Lynn Haven, City of	2.048	0.572	-	2.048	20,244	101.14	68.22
	Mexico Beach	-	0.213	-	0.213	2,488	85.70	53.14
	Panama City Water System	-	6.904	-	6.904	43,316	159.39	84.48
	Panama City Beach	-	16.370	-	16.370	61,798	264.89	105.96
	Parker	-	0.366	-	0.366	4,027	90.79	56.29
	Springfield	-	1.166	-	1.166	8,109	143.74	89.12
	REGION III - Totals/Average Per Capita	**31.723**	**29.676**	**29.676**	**31.723**	**187,413**	**169.27**	**81.12**

NOTE: The Bay County Board of County Commissioners (BOCC) water utility serves the majority of service areas (except for parts of the City of Lynn Haven) in Bay County. Water withdrawn and supplied to several large industrial facilities and to Tyndall Air Force Base are excluded from Public Supply and included in ICI.

(2) County-wide average estimate.

Table 1.3, continued — Withdrawals and Water Demand (mgd) — Populations and Per Capita Water Use (gpcd)

Planning Region	Public Supply Utility / County / Region	Reported Pumpage	Imports	Exports	Finished Water Demand	Public Supply Adjusted[1] Population Served	Average GROSS Per Capita Water Use	Average RESIDENTIAL Per Capita Water Use
V	**Franklin County**	**2.193**	**0.000**	**0.000**	**2.193**	**17,813**	**123.12**	**67.54**
	Alligator Point Water Resources District	0.101	-	-	0.101	1,494	67.89	52.50
	Apalachicola, City of	0.613	-	-	0.613	3,784	163.33	58.04
	Carrabelle, City of	0.470	-	-	0.470	2,766	169.97	105.38
	- Carrabelle, City of (Lanark Village)	0.103	-	-	0.103	1,625	63.36	0.00
	Eastpoint Water and Sewer District	0.331	-	-	0.331	2,417	137.13	85.02
	St. James Island (Summercamp, FRWA)	0.007	-	-	0.007	56	134.96	65.50
	Water Management (St. George Island)	0.566	-	-	0.566	5,701	99.36	71.25
V	**Gulf County**	**2.331**	**0.000**	**0.000**	**2.331**	**18,421**	**126.54**	**45.74**
	Gulf County Water System	0.531	-	-	0.531	3,804	139.52	78.46
	Port St. Joe, City of	1.568	-	-	1.568	12,493	125.49	32.01
	Wewahitchka, City of	0.232	-	-	0.232	2,124	109.45	67.86
	REGION V - Totals/Average Per Capita	**4.524**	**0.000**	**0.000**	**4.524**	**36,234**	**124.86**	**56.46**

(1) Populations served include seasonal resident adjustments

Table 1.3, continued

Planning Region	Public Supply Utility / County / Region	Withdrawals and Water Demand (mgd)				Populations and Per Capita Water Use (gpcd)		
		Reported Pumpage	Imports	Exports	Finished Water Demand	Public Supply Adjusted[(1)] Population Served	Average GROSS Per Capita Water Use	Average RESIDENTIAL Per Capita Water Use
IV	**Calhoun County**	**0.569**	**0.000**	**0.000**	**0.569**	**3,722**	**152.98**	**80.48**
	Altha, Town of	0.174	-	-	0.174	692	251.32	155.82
	Blountstown	0.396	-	-	0.396	3,031	130.54	63.29
IV	**Holmes County**	**1.054**	**0.037**	**0.000**	**1.090**	**6,276**	**173.75**	**56.90**
	Bonifay, City of	0.926	-	-	0.926	4,246	218.16	67.45
	Caryville, Town of (Holmes County portion)	-	0.037	-	0.037	271	135.25	135.25
	Esto Water Works	0.031	-	-	0.031	348	88.05	54.59
	Joyce E. Snare Waterworks	0.000	-	-	0.000	254	-	0.00
	Noma, Town of	0.004	-	-	0.004	237	17.62	10.92
	Ponce de Leon, Town of	0.077	-	-	0.077	586	130.85	4.35
	Westville, Town of	0.016	-	-	0.016	334	47.95	29.73
IV	**Jackson County**	**3.176**	**0.000**	**0.000**	**3.176**	**20,827**	**152.52**	**67.36**
	Alford, Town of	0.066	-	-	0.066	586	113.49	45.40
	Campbellton, Town of	0.030	-	-	0.030	281	108.49	43.40
	Cottondale, City of	0.140	-	-	0.140	1,078	129.74	51.90
	Graceville, City of	0.627	-	-	0.627	2,159	290.48	57.21
	Grand Ridge, Town of	0.177	-	-	0.177	882	200.12	80.05
	Greenwood, Town of	0.059	-	-	0.059	551	107.41	42.96
	Jackson Utilities, Plant 1, JCBOCC	0.289	-	-	0.289	3,678	78.55	52.70
	Jacob, City of	0.000	-	-	0.000	219	-	0.00
	Malone, Town of	0.081	-	-	0.081	1,244	65.01	26.01
	Marianna, City of	1.413	-	-	1.413	8,227	171.81	90.78
	Sneads, Town of	0.294	-	-	0.294	1,840	159.52	63.81
IV	**Liberty County**	**0.502**	**0.000**	**0.000**	**0.502**	**4,356**	**115.35**	**98.32**
	Bristol, City of	0.182	-	-	0.182	1,923	94.58	118.92
	Liberty Co. BOCC, Estiffanulga (Talquin)	0.026	-	-	0.026	281	90.97	56.40
	Liberty Co. BOCC, Hosford-Telogia (Talquin)	0.187	-	-	0.187	1,444	129.20	80.10
	Liberty Co. BOCC, Lake Mystic (Talquin)	0.047	-	-	0.047	314	148.97	92.36
	Liberty Co. BOCC, Rock Bluff (Talquin)	0.039	-	-	0.039	166	235.17	145.81
	Liberty Co. BOCC, Sumatra Water System	0.016	-	-	0.016	163	97.96	60.74
	Talquin Electric - Sweetwater System	0.007	-	-	0.007	65	102.46	76.84
IV	**Washington**	**1.234**	**0.000**	**0.037**	**1.197**	**6,782**	**176.54**	**91.88**
	Sunny Hills (formerly Aqua Utilities)	0.300	-	-	0.300	1,458	205.51	43.16
	Caryville, Town of	0.122	-	0.037	0.086	426	200.81	200.81
	Chipley, City of	0.622	-	-	0.622	3,660	170.01	104.93
	Vernon, City of	0.135	-	-	0.135	750	180.51	75.77
	Wausau, Town of	0.055	-	-	0.055	488	111.69	69.25
	REGION IV - Totals/Average Per Capita	**6.536**	**0.037**	**0.037**	**6.536**	**41,963**	**155.76**	**74.14**

(1) Populations served include seasonal resident adjustments

Table 1.3, continued

Planning Region	Public Supply Utility / County / Region	Withdrawals and Water Demand (mgd) Reported Pumpage	Imports	Exports	Finished Water Demand	Populations and Per Capita Water Use (gpcd) Public Supply Adjusted[(1)] Population Served	Average GROSS Per Capita Water Use	Average RESIDENTIAL Per Capita Water Use
VI	**Gadsden County**	**4.063**	**0.000**	**0.000**	**4.063**	**32,747**	**124.08**	**72.96**
	Chattahoochee, City of	0.513	-	-	0.513	2,775	184.71	56.90
	Greensboro, Town of	0.067	-	-	0.067	794	84.10	45.42
	Gretna, City of	0.350	0.115	-	0.465	1,483	313.78	194.54
	Havana, Town of	0.408	-	-	0.408	3,559	114.77	71.16
	Quincy, City of	1.137	-	0.115	1.022	10,391	102.60	63.61
	Talquin Electric - Gadsden County Regional	1.573	-	-	1.573	13,867	113.42	72.72
	Talquin Electric - Hammock Creek	0.000	-	-	0.000	62	-	0.00
	Talquin Electric - Jamieson Water	0.015	-	-	0.015	113	132.12	99.09
	Talquin Electric - St. James	0.000	-	-	0.000	130	-	0.00
	REGION VI - Totals/Average Per Capita	**4.063**	**0.000**	**0.000**	**4.063**	**32,747**	**124.08**	**72.96**
VII	**Jefferson County[(NWF Only)]**	**0.661**	**0.000**	**0.000**	**0.661**	**6,748**	**97.97**	**71.60**
	Jefferson Communities Water System, Inc.	0.208	-	-	0.208	2,275	91.60	78.92
	Monticello, City of	0.453	-	-	0.453	4,473	101.21	67.88
	Leon County	**31.154**	**0.000**	**0.546**	**30.608**	**265,214**	**115.41**	**58.01**
	Seminole-Rowe (total all service areas)	0.114	-	-	0.114	1,721	66.33	56.61
	Tallahassee, City of	27.355	-	0.546	26.809	227,849	117.66	56.61
	Talquin Electric - Bradfordville Regional	1.545	-	-	1.545	12,634	122.27	75.81
	Talquin Electric - Lake Jackson Regional	1.068	-		1.068	12,213	87.41	58.43
	Talquin Electric - Leon County East Regional	0.211	-	-	0.211	2,095	100.89	92.11
	Talquin Electric - Leon County West Regional	0.354	-	-	0.354	2,447	144.73	71.18
	Talquin Electric - Meadows Regional	0.451	-	-	0.451	4,413	102.17	72.72
	Talquin Electric Coop Small Systems (total)	0.037	-		0.037	759	48.96	36.72
	Miscellaneous Small Public Systems (total)	0.019	-	-	0.019	1,083	17.47	13.10
	Wakulla County	**2.616**	**0.546**	**0.000**	**3.161**	**28,977**	**109.10**	**77.86**
	Panacea Area Water System, Inc.	0.248	-	-	0.248	2,917	84.99	52.69
	Sopchoppy, City of	1.155	-	-	1.155	11,552	99.98	77.48
	St. Marks, City of, Water Sys. (COT Booster Plant)	-	0.213	-	0.213	658	323.70	200.70
	Tallahassee, City of (Wakulla County portion)	-	0.333	-	0.333	2,745	121.28	70.48
	Talquin Electric - Wakulla Regional	1.078	-	-	1.078	10,790	99.95	72.40
	Talquin Electric - Wakulla County River Sink	0.134	-	-	0.134	315	426.04	319.53
	REGION VII - Totals/Average Per Capita	**34.430**	**0.546**	**0.546**	**34.430**	**300,939**	**114.41**	**60.22**
	NWFWMD Districtwide TOTALS / Averages -	**182.513**	**43.309**	**43.309**	**182.513**	**1,482,827**	**123.08**	**68.37**

(1) Populations served include seasonal resident adjustments

2.1 Domestic Self-Supply Population and Water Use Estimates

Planning Region	County / Region	DSS[(1)] Pop Estimate	Estimated DSS Water Use[(2)] (mgd)	Adjusted DSS Populations[(3)]	GROSS DSS[(4)] Well Count	BEBR 2024 PPH[(5)]	Estimated Persons Per Well	Estimated Water Use[(6)] (mgd)
I	Escambia	22,317	1.837	20,078	1,694	2.36	11.85	0.329
	Total/Average	**22,317**	**1.837**	**20,078**	**1,694**	**2.36**	**11.85**	**0.329**
II	Okaloosa	1,685	0.139	482	3,276	2.46	0.15	0.663
	Santa Rosa	16,851	1.387	14,618	4,696	2.62	3.11	1.013
	Walton	7,362	0.606	7,362	9,032	2.43	0.82	1.806
	Total/Average	**25,899**	**2.132**	**22,463**	**17,004**	**2.50**	**1.36**	**3.482**
III	Bay	32,232	2.653	31,117	15,192	2.45	2.05	3.063
	Total/Average	**32,232**	**2.653**	**31,117**	**15,192**	**2.45**	**2.05**	**3.063**
IV	Calhoun	10,389	0.855	9,822	4,156	2.47	2.36	0.845
	Holmes	13,984	1.151	12,557	5,012	2.43	2.51	1.002
	Jackson	29,999	2.469	26,912	11,876	2.39	2.27	2.336
	Liberty	4,381	0.361	2,832	1,471	2.43	1.93	0.294
	Washington	20,583	1.694	19,416	8,508	2.51	2.28	1.758
	Total/Average	**79,336**	**6.530**	**71,540**	**31,023**	**2.45**	**2.27**	**6.235**
V	Franklin	704	0.058	704	1,240	2.21	0.57	0.226
	Gulf	2,255	0.186	4,009	2,140	2.32	1.87	0.409
	Total/Average	**2,958**	**0.243**	**4,712**	**3,380**	**2.27**	**1.22**	**0.634**
VI	Gadsden	13,182	1.085	10,091	4,149	2.47	2.43	0.843
	Total/Average	**13,182**	**1.085**	**10,091**	**4,149**	**2.47**	**2.43**	**0.843**
VII	Jefferson[(NWF Only)]	4,700	0.387	4,700	2,511	2.31	1.87	0.477
	Leon	38,494	3.168	37,103	10,384	2.28	3.57	1.949
	Wakulla	10,202	0.840	9,219	4,529	2.52	2.04	0.939
	Total/Average	**53,396**	**4.395**	**51,022**	**17,424**	**2.37**	**2.49**	**3.365**
	TOTALS/AVERAGES	**229,321**	**18.874**	**211,024**	**89,866**	**2.41**	**2.55**	**17.953**

(1) Domestic Self-Supply (DSS) includes small limited public supply systems and inmate populations that are not reported or estimated in the public supply water use category.
(2) Estimated water use based on DSS population estimate multiplied by a USGS per capita Districtwide estimated rate of 82.30 gpcd (USGS, 2020).
(3) "Adjusted DSS Populations" is an experimental estimate with inmate population refinements not otherwise accounted for.
(4) Estimates of all known DSS (DO) and limited public supply (LP) wells in NWFWMD wells inventory ArcGIS database as of 12/31/2023.
(5) County-wide average persons per household (PPH) based on UF Bureau of Economic and Business Research (BEBR) 2024 population estimate data.
(6) For information or comparison only: estimated water use, based on number of known wells x BEBR average PPH x USGS per capita water use rate of 82.30 gpcd.

2.2 Domestic Self-Supply Population Estimates Over Time

Planning Region	County / Region	WSA 2013	NWFWMD Annual Water Use Reports[1]											
		2010	2013	2014[2]	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
I	Escambia	16,606	17,720	18,809	12,017	11,958	11,242	15,118	17,231	20,903	18,513	23,802	27,795	22,317
	Region I Total	**16,606**	**17,720**	**18,809**	**12,017**	**11,958**	**11,242**	**15,118**	**17,231**	**20,903**	**18,513**	**23,802**	**27,795**	**22,317**
II	Okaloosa	12,367	11,731	12,224	23,940	18,595	9,375	12,916	10,382	10,010	13,122	15,899	19,724	22,499
	Santa Rosa	22,402	11,772	8,907	2,890	1,794	10,368	13,228	11,997	10,468	7,538	12,559	18,616	23,931
	Walton	4,218	13,106	16,009	17,616	11,508	15,896	16,019	10,997	4,793	3,801	6,189	11,848	18,383
	Region II Total	**38,987**	**36,609**	**37,140**	**44,446**	**31,897**	**35,639**	**42,163**	**33,377**	**25,270**	**24,461**	**34,647**	**50,188**	**64,813**
III	Bay	17,892	17,930	18,538	17,743	16,364	19,142	21,767	15,884	23,579	22,427	28,834	32,802	42,397
	Region III Total	**17,892**	**17,930**	**18,538**	**17,743**	**16,364**	**19,142**	**21,767**	**15,884**	**23,579**	**22,427**	**28,834**	**32,802**	**42,397**
IV	Calhoun	10,423	10,415	10,311	10,417	11,237	11,699	11,808	10,752	11,201	10,371	10,430	10,508	10,389
	Holmes	13,929	14,328	14,316	14,554	14,659	14,502	14,436	13,761	13,712	13,586	13,706	13,834	13,984
	Jackson	33,022	34,666	34,491	35,409	35,244	36,528	33,333	29,367	27,148	27,503	28,736	29,341	29,714
	Liberty	5,092	4,407	4,584	5,478	5,460	5,485	5,679	5,361	5,101	3,780	4,180	4,339	4,381
	Washington	16,420	17,255	17,501	18,814	18,765	19,285	19,087	19,015	19,153	18,799	19,279	19,316	20,419
	Region IV Total	**78,886**	**81,071**	**81,203**	**84,672**	**85,366**	**87,499**	**84,343**	**78,256**	**76,315**	**74,039**	**76,331**	**77,337**	**78,888**
V	Franklin	1,785	1,772	1,611	1,821	1,843	3,668	2,034	1,287	742	734	1,241	1,577	2,063
	Gulf	2,487	2,005	475	3,629	3,774	5,512	5,182	1,902	3,431	3,129	4,488	4,958	5,719
	Region V Total	**4,272**	**3,777**	**2,086**	**5,450**	**5,617**	**9,180**	**7,216**	**3,189**	**4,173**	**3,862**	**5,729**	**6,535**	**7,782**
VI	Gadsden	15,173	15,095	16,286	17,085	17,155	18,731	18,750	16,958	15,758	13,376	13,533	13,998	14,441
	Region VI Total	**15,173**	**15,095**	**16,286**	**17,085**	**17,155**	**18,731**	**18,750**	**16,958**	**15,758**	**13,376**	**13,533**	**13,998**	**14,441**
VII	Jefferson[(NWF Only)]	9,350	10,237	7,800	5,160	5,216	5,421	5,989	5,116	4,754	4,722	4,970	5,319	5,513
	Leon	59,552	74,538	57,952	51,884	51,414	32,616	38,154	36,527	38,858	35,644	38,869	41,476	41,952
	Wakulla	24,872	7,987	8,007	9,591	9,516	8,886	9,018	10,980	8,894	9,193	10,094	11,143	12,345
	Region VII Total	**93,774**	**92,762**	**73,759**	**66,635**	**66,147**	**46,923**	**53,161**	**52,622**	**52,506**	**49,558**	**53,932**	**57,938**	**59,810**
	TOTALS	**265,590**	**264,964**	**247,821**	**248,048**	**234,504**	**228,356**	**242,518**	**217,517**	**218,505**	**206,237**	**236,808**	**266,593**	**290,448**

(1) Population estimates from 2015 to date include seasonal population adjustments. County total BEBR estimates are adjusted with estimated impacts of seasonal residents, and public supply populations served also includes estimates of seasonal residents where applicable. District studies indicate that approximately 10% of seasonal populations are in the domestic self-supply water use category. Therefore, the net county populations not served by public supply, i.e. DSS, also include seasonal resident estimates.

(2) Year 2014 included seasonal population adjustments in public supply utility populations served in Walton and Franklin counties.

3.1 Agricultural Water Use Reported and Total Estimates (mgd)

2024 Reported Water Use

Planning Region	County / Region	Ground Water	Surface Water	Total REPORTED Water Use[1]	Percent Reported to Total Estimate	Additional FSAID[2] Estimated Water Use	FSAID XII - 2024 Estimated TOTAL Water Use[3]	FSAID XI - 2023 Estimated TOTAL Water Use[4]
I	Escambia	0.120	-	0.120	4.0%	2.887	3.007	3.091
	Region I Total	**0.120**	**0.000**	**0.120**	**4.0%**	**2.887**	**3.007**	**3.091**
II	Okaloosa	-	-	0.000	0.0%	0.489	0.489	0.473
	Santa Rosa	0.291	-	0.291	14.7%	1.689	1.980	1.776
	Walton	0.502	-	0.502	42.6%	0.676	1.179	1.058
	Region II Total	**0.793**	**0.000**	**0.793**	**21.7%**	**2.854**	**3.647**	**3.306**
III	Bay	0.779	-	0.779	82.9%	0.161	0.941	0.911
	Region III Total	**0.779**	**0.000**	**0.779**	**82.9%**	**0.161**	**0.941**	**0.911**
IV	Calhoun	3.127	0.054	3.181	92.9%	0.244	3.425	2.981
	Holmes	-	-	0.000	0.0%	0.925	0.925	0.904
	Jackson	18.690	0.125	18.815	59.1%	13.037	31.852	31.733
	Liberty	0.001	-	0.001	1.2%	0.109	0.111	0.101
	Washington	0.063	0.014	0.077	9.1%	0.769	0.846	0.886
	Region IV Total	**21.882**	**0.193**	**22.075**	**59.4%**	**15.083**	**37.158**	**36.605**
V	Franklin	-	-	0.000	0.0%	0.010	0.010	0.010
	Gulf	0.246	-	0.246	83.5%	0.049	0.295	0.295
	Region V Total	**0.246**	**0.000**	**0.246**	**80.7%**	**0.059**	**0.305**	**0.305**
VI	Gadsden	0.714	1.325	2.040	40.6%	2.989	5.029	4.919
	Region VI Total	**0.714**	**1.325**	**2.040**	**40.6%**	**2.989**	**5.029**	**4.919**
VII	Jefferson[(NWF Only)]	0.725	-	0.725	71.8%	0.284	1.009	1.009
	Leon	0.050	-	0.050	10.7%	0.415	0.465	0.465
	Wakulla	-	-	0.000	0.0%	0.115	0.115	0.111
	Region VII Total	**0.774**	**0.000**	**0.774**	**48.7%**	**0.815**	**1.589**	**1.586**
	TOTALS	**25.308**	**1.518**	**26.827**	**51.9%**	**24.849**	**51.676**	**50.722**

(1) In 2024, approximately 48% of agriculture IWUPs had reported water use and were audited. Where appropriate, the previous year reported use was carried forward.

(2) Florida Statewide Agricultural Irrigation Demand (FSAID), Florida Department of Agriculture and Consumer Services (DACS), Office of Agricultural Water Policy. This column indicates the approximate am water that is estimated to be used (but not required to be reported) in northwest Florida.

(3) FSAID estimate based on average hypothetical rainfall (modeled results).

(4) Previous FSAID estimates for information and reference only.

3.2 Agricultural Reported Water Use by Source (mgd)

Planning Region	County / Region	Water Use by Groundwater Aquifer(s)						Total Ground-water	Total Surface Water	TOTAL 2024 REPORTED WATER USE	TOTAL 2023 REPORTED WATER USE[1]
		Coastal Floridan	Inland Floridan	Inter-mediate	Claiborne	Sand-and-Gravel	Surficial				
I	Escambia	-	-	-	-	0.120	-	0.120	-	0.120	0.120
	Region I Total	-	-	-	-	**0.120**	-	**0.120**	-	**0.120**	**0.120**
II	Okaloosa	-	-	-	-	-	-	-	-	0.000	0.000
	Santa Rosa	-	0.073	-	-	0.218	-	0.291	-	0.291	0.289
	Walton	-	0.502	-	-	-	-	0.502	-	0.502	0.331
	Region II Total	-	**0.575**	-	-	**0.218**	-	**0.793**	-	**0.793**	**0.620**
III	Bay	-	0.779	-	-	-	-	0.779	-	0.779	0.003
	Region III Total	-	**0.779**	-	-	-	-	**0.779**	-	**0.779**	**0.003**
IV	Calhoun	-	3.127	-	-	-	-	3.127	0.054	3.181	3.042
	Holmes	-	-	-	-	-	-	-	-	0.000	0.000
	Jackson	-	18.690	-	-	-	-	18.690	0.125	18.815	17.982
	Liberty	-	0.001	-	-	-	-	0.001	-	0.001	0.001
	Washington	-	0.063	-	-	-	-	0.063	0.014	0.077	0.018
	Region IV Total	-	**21.882**	-	-	-	-	**21.882**	**0.193**	**22.075**	**21.042**
V	Franklin	-	-	-	-	-	-	-	-	0.000	0.000
	Gulf	-	0.246	-	-	-	-	0.246	-	0.246	0.246
	Region V Total	-	**0.246**	-	-	-	-	**0.246**	-	**0.246**	**0.246**
VI	Gadsden	-	0.714	-	-	-	-	0.714	1.325	2.040	2.318
	Region VI Total	-	**0.714**	-	-	-	-	**0.714**	**1.325**	**2.040**	**2.318**
VII	Jefferson[NWF Only]	-	0.725	-	-	-	-	0.725	-	0.725	0.663
	Leon	-	0.050	-	-	-	-	0.050	-	0.050	0.090
	Wakulla	-	-	-	-	-	-	-	-	0.000	0.000
	Region VII Total	-	**0.774**	-	-	-	-	**0.774**	-	**0.774**	**0.753**
	TOTALS	**-**	**24.970**	**-**	**-**	**0.338**	**-**	**25.308**	**1.518**	**26.827**	**25.103**

(1) Reported agricultural water use in previous calendar years for information and reference only.

4.1 Recreational Irrigation Water Use – Reported and Total Estimtes (mgd)

		2024 Reported Water Use			Additional Water Use Estimates[1]			ESTIMATED TOTAL WATER USE		
Planning Region	County / Region	Ground-water	Surface Water	Total District REPORTED Water Use	Ground-water	Surface Water	Total Additional Estimates	Ground-water	Surface Water	Estimated TOTAL Water Use
I	Escambia	0.644	1.259	1.902	1.169	0.000	1.169	1.813	1.259	3.071
	Region I Total	**0.644**	**1.259**	**1.902**	**1.169**	**0.000**	**1.169**	**1.813**	**1.259**	**2.813**
II	Okaloosa	1.811	1.818	3.629	1.908	0.000	1.908	3.720	1.818	5.538
	Santa Rosa	2.183	0.002	2.185	1.485	0.375	1.860	3.668	0.377	4.045
	Walton	2.866	1.493	4.359	0.962	0.187	1.150	3.828	1.680	5.508
	Region II Total	**6.860**	**3.312**	**10.173**	**4.356**	**0.562**	**4.918**	**11.216**	**3.875**	**15.091**
III	Bay	0.968	0.628	1.596	0.941	0.000	0.941	1.909	0.628	2.537
	Region III Total	**0.968**	**0.628**	**1.596**	**0.941**	**0.000**	**0.941**	**1.909**	**0.628**	**2.537**
IV	Calhoun	0.000	0.000	0.000	0.006	0.000	0.006	0.006	0.000	0.006
	Holmes	0.000	0.000	0.000	0.215	0.000	0.215	0.215	0.000	0.215
	Jackson	0.000	0.000	0.000	0.387	0.000	0.387	0.387	0.000	0.387
	Liberty	0.000	0.000	0.000	0.002	0.000	0.002	0.002	0.000	0.002
	Washington	0.317	0.000	0.317	0.016	0.000	0.016	0.332	0.000	0.332
	Region IV Total	**0.317**	**0.000**	**0.317**	**0.626**	**0.000**	**0.626**	**0.943**	**0.000**	**0.943**
V	Franklin	0.000	0.231	0.231	0.060	0.000	0.060	0.060	0.231	0.292
	Gulf	0.047	0.000	0.047	0.070	0.000	0.070	0.116	0.000	0.116
	Region V Total	**0.047**	**0.231**	**0.278**	**0.130**	**0.000**	**0.130**	**0.177**	**0.231**	**0.408**
VI	Gadsden	0.049	0.034	0.083	0.111	0.000	0.111	0.160	0.034	0.194
	Region VI Total	**0.049**	**0.034**	**0.083**	**0.111**	**0.000**	**0.111**	**0.160**	**0.034**	**0.194**
VII	Jefferson[(NWF Only)]	0.389	0.000	0.389	0.191	0.000	0.191	0.580	0.000	0.580
	Leon	1.174	0.428	1.602	0.663	0.240	0.903	1.837	0.668	2.506
	Wakulla	0.000	0.000	0.000	0.206	0.000	0.206	0.206	0.000	0.206
	Region VII Total	**1.563**	**0.428**	**1.992**	**1.060**	**0.240**	**1.300**	**2.624**	**0.668**	**3.292**
	TOTALS	**10.448**	**5.893**	**16.341**	**8.393**	**0.802**	**9.196**	**18.841**	**6.695**	**25.278**

(1) Additional water use estimates include Individual Water Use Permits (IWUPs) with no reporting requirements, and estimates of water use from residential and other small-scale recreational wells with General Water Use Permits (GWUPs). Estimates developed from 2022 data for the 2023 WSA

4.2 Recreational Irrigation Reported Water Use by Source (mgd)

Planning Region	County / Region	Water Use by Groundwater Aquifer(s)						Total Groundwater	Net Surface Water[1]	TOTAL REPORTED WATER USE[1]
		Coastal Floridan	Inland Floridan	Inter-mediate	Claiborne	Sand-and-Gravel	Surficial			
I	Escambia	-	-	-	-	0.576	0.068	0.644	1.259	1.902
	Region I Total	-	-	-	-	**0.576**	**0.068**	**0.644**	**1.259**	**1.902**
II	Okaloosa	-	0.019	-	-	1.792	-	1.811	1.818	3.629
	Santa Rosa	-	-	-	-	2.183	-	2.183	0.002	2.185
	Walton	-	0.450	0.083	-	2.123	0.210	2.866	1.493	4.359
	Region II Total	-	**0.469**	**0.083**	-	**6.098**	**0.210**	**6.860**	**3.312**	**10.173**
III	Bay	0.163	0.024	-	-	0.015	0.767	0.968	0.628	1.596
	Region III Total	**0.163**	**0.024**	-	-	**0.015**	**0.767**	**0.968**	**0.628**	**1.596**
IV	Calhoun	-	-	-	-	-	-	-	-	-
	Holmes	-	-	-	-	-	-	-	-	-
	Jackson	-	0.017	-	-	-	-	-	-	-
	Liberty	-	-	-	-	-	-	-	-	-
	Washington	-	0.317	-	-	-	-	0.317	-	0.317
	Region IV Total	-	**0.334**	-	-	-	-	**0.317**	-	**0.317**
V	Franklin	-	-	-	-	-	-	-	0.231	0.231
	Gulf	-	-	0.023	-	-	0.023	0.047	-	0.047
	Region V Total	-	-	**0.023**	-	-	**0.023**	**0.047**	**0.231**	**0.278**
VI	Gadsden	-	0.049	-	-	-	-	0.049	0.034	0.083
	Region VI Total	-	**0.049**	-	-	-	-	**0.049**	**0.034**	**0.083**
VII	Jefferson[(NWF Only)]	-	0.389	-	-	-	-	0.389	-	0.389
	Leon	-	1.174	-	-	-	-	1.174	0.428	1.602
	Wakulla	-	-	-	-	-	-	0.000	-	-
	Region VII Total	-	**1.563**	-	-	-	-	**1.563**	**0.428**	**1.992**
	TOTALS	**0.163**	**2.439**	**0.107**	**-**	**6.689**	**1.068**	**10.448**	**5.893**	**16.341**

(1) Recreational water use systems are often complex water flows between ground and surface waters. Groundwater withdrawals sometimes supplement surface water ponds, and at times, may be co-mingled with reclaimed water. Net surface water, and total water use, are adjusted and estimated accordingly.

NOTE: Of the current 92 recreational IWUPs, pumping reports and audits have been completed for roughly 60 percent of Permittees. For IWUPs without pumping audits, where appropriate, the previous year reported use is carried forward as a proxy for 2024 estimated water use. These "proxy estimates" occur in ten counties: Escambia, Santa Rosa, Okaloosa, Walton, Bay, Gulf, Gadsden, Leon, Wakulla, and Jefferson.

5.1 Industrial-Commercial-Institutional (ICI) Reported Water Use by Source (mgd)

Planning Region	County / Region	Water Use by Groundwater Aquifer(s)						Total Groundwater	Total Surface Water	TOTAL WATER USE[1]
		Coastal Floridan	Inland Floridan	Inter-mediate	Claiborne	Sand-and-Gravel	Surficial			
I	Escambia	-	-	-	-	20.310	0.138	20.447	0.473	20.920
	Region I Total	-	-	-	-	**20.310**	**0.138**	**20.447**	**0.473**	**20.920**
II	Okaloosa	0.491	1.141	-	-	0.156	-	1.788	-	1.788
	Santa Rosa	-	-	-	-	1.978	-	1.978	-	1.978
	Walton	-	0.066	-	-	-	0.000	0.066	0.274	0.341
	Region II Total	**0.491**	**1.207**	-	-	**2.134**	**0.000**	**3.832**	**0.274**	**4.107**
III	Bay[2]	0.058	0.381	-	-	-	-	0.439	2.687	3.126
	Region III Total	**0.058**	**0.381**	-	-	-	-	**0.439**	**2.687**	**3.126**
IV	Calhoun	-	0.240	-	-	-	-	0.240	-	0.240
	Holmes	-	-	-	-	-	-	-	-	-
	Jackson	-	0.728	-	0.044	-	-	0.771	-	0.771
	Liberty	-	0.253	-	-	-	0.033	0.286	0.003	0.289
	Washington	-	0.272	-	-	-	-	0.272	-	0.272
	Region IV Total	-	**1.492**	-	**0.044**	-	**0.033**	**1.569**	**0.003**	**1.571**
V	Franklin	0.0175	-	-	-	-	-	0.017	-	0.017
	Gulf	-	0.424	-	-	-	-	0.424	-	0.424
	Region V Total	**0.017**	**0.424**	-	-	-	-	**0.442**	-	**0.442**
VI	Gadsden	-	0.357	-	-	-	-	0.357	0.000	0.357
	Region VI Total	-	**0.357**	-	-	-	-	**0.357**	**0.000**	**0.357**
VII	Jefferson[(NWF Only)]	-	-	-	-	-	-	-	-	-
	Leon	-	0.114	-	-	-	-	0.114	-	0.114
	Wakulla	-	1.060	-	-	-	-	1.060	-	1.060
	Region VII Total	-	**1.175**	-	-	-	-	**1.175**	-	**1.175**
	TOTALS	**0.566**	**5.036**	**-**	**0.044**	**22.444**	**0.171**	**28.261**	**3.437**	**31.698**

(1) Where applicable, water use that is recirculated and returned to source is, for estimating purposes, not considered to be contributing to total estimated consumptive water use. Total estimated water use is adjusted accordingly.

(2) Surface water source is the Deer Point Lake Reservoir supplied by Bay County Board of County Commissioners. See Public Supply for more information.

6.1 Thermoelectric Power Generation Reported Water Use by Source (mgd)

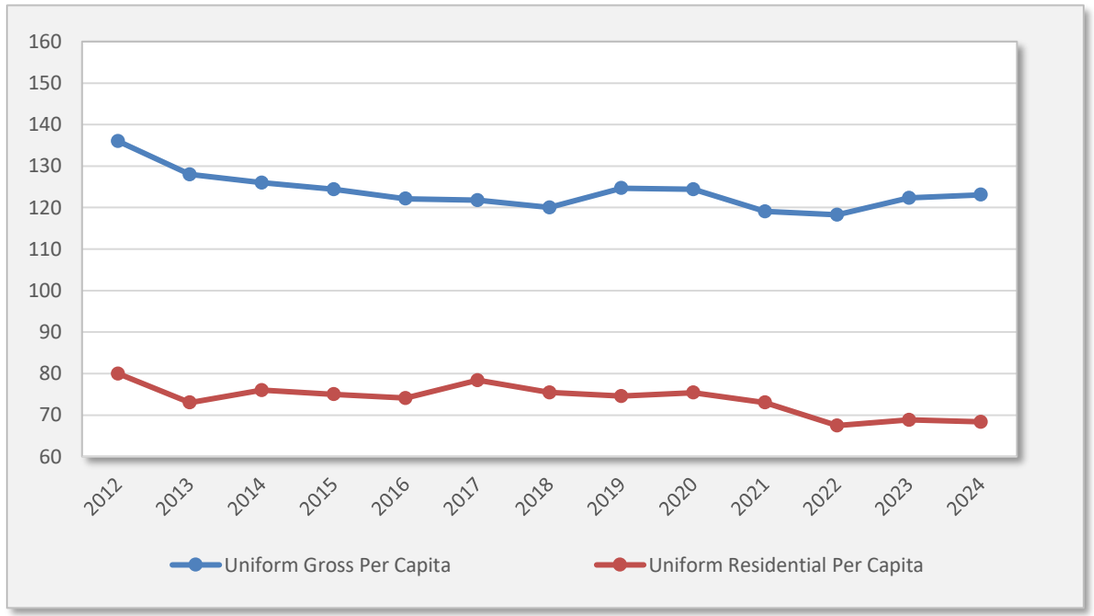
Planning Region	County / Region and Power Facility	Water Use by Groundwater Aquifer(s)						Total Groundwater	Total (Net Adjusted) Surface Water	TOTAL WATER USE[1]
		Coastal Floridan	Inland Floridan	Inter-mediate	Claiborne	Sand-and-Gravel	Surficial			
I	Escambia - Gulf / Crist	-	-	-	-	1.422	-	1.422	6.588	8.011
	Escambia - North Site	-	-	-	-	-	-	-	-	-
	Region I Total	-	-	-	-	**1.422**	-	**1.422**	**6.588**	**8.011**
II	Okaloosa	-	-	-	-	-	-	-	-	-
	Santa Rosa	-	-	-	-	-	-	-	-	-
	Walton	-	-	-	-	-	-	-	-	-
	Region II Total	-	-	-	-	-	-	-	-	**0.000**
III	Bay - BOCC Waste Energy	-	0.000	-	-	-	-	0.000	0.000	0.000
	Bay - Gulf / Lansing Smith	-	0.539	-	-	-	-	0.539	3.296	3.835
	Region III Total	-	**0.539**	-	-	-	-	**0.539**	**3.296**	**3.835**
IV	Calhoun	-	-	-	-	-	-	-	-	-
	Holmes	-	-	-	-	-	-	-	-	-
	Jackson - Gulf / Scholz	-	0.005	-	-	-	-	0.005	0.073	0.077
	Liberty - Telogia Power	-	0.206	-	-	-	-	0.206	-	0.206
	Washington	-	-	-	-	-	-	-	-	-
	Region IV Total	-	**0.210**	-	-	-	-	**0.210**	**0.073**	**0.283**
V	Franklin	-	-	-	-	-	-	-	-	-
	Gulf	-	-	-	-	-	-	-	-	-
	Region V Total	-	-	-	-	-	-	-	-	**0.000**
VI	Gadsden	-	-	-	-	-	-	-	-	-
	Region VI Total	-	-	-	-	-	-	-	-	**0.000**
VII	Jefferson[NWF Only]	-	-	-	-	-	-	-	-	-
	Leon - City of Tallahassee[2]	-	2.500	-	-	-	-	2.500	-	2.500
	Wakulla - City of Tallahassee	-	-	-	-	-	-	-	0.207	0.207
	Region VII Total	-	**2.500**	-	-	-	-	**2.500**	**0.207**	**2.707**
	TOTALS	**-**	**3.250**	**-**	**-**	**1.422**	**-**	**4.672**	**10.165**	**14.837**

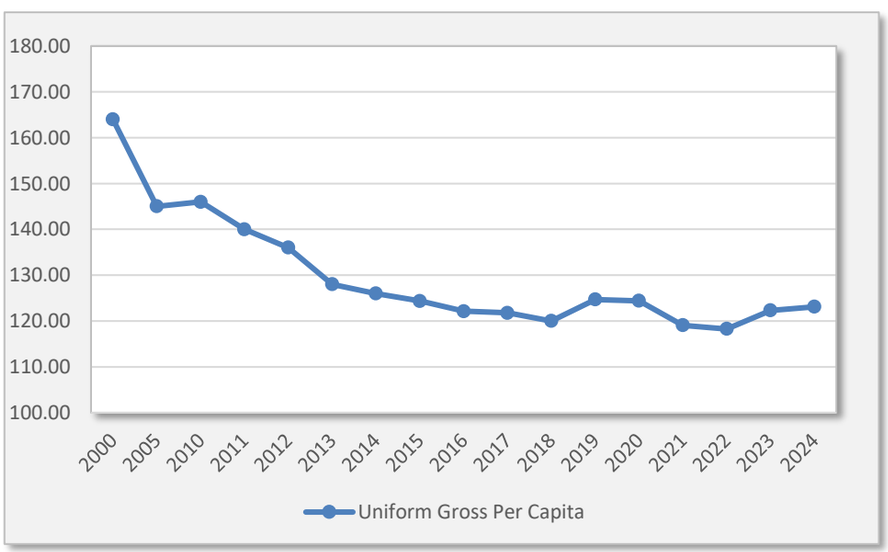
(1) Water withdrawn from surface water sources is typically used for cooling and returned to the source, and is not considered or estimated as consumptive water use.

(2) Arvah B. Hopkins Generating Station, Florida DEP Site Certification #PA 74-03. Provisional amount for estimated use, which was 1.95 mgd in 2015. Water withdrawal projections provided by the City of Tallahassee in August 2019 are 2.5 mgd when adjusted for groundwater discharge.

Public Supply Per Capita Water Use Over Time (gpcd)

Year	Uniform Gross Per Capita	Uniform Residential Per Capita
1995	151.00	
2000	164.00	
2005	145.00	
2010	146.00	
2011	140.00	
2012	136.00	80.00
2013	128.00	73.00
2014	126.00	76.00
2015	124.37	75.01
2016	122.14	74.08
2017	121.77	78.36
2018	120.03	75.44
2019	124.68	74.57
2020	124.43	75.40
2021	119.10	73.01
2022	118.26	67.47
2023	122.33	68.83
2024	123.09	68.37





Five-Year Per Capita Averages, 2020-2024

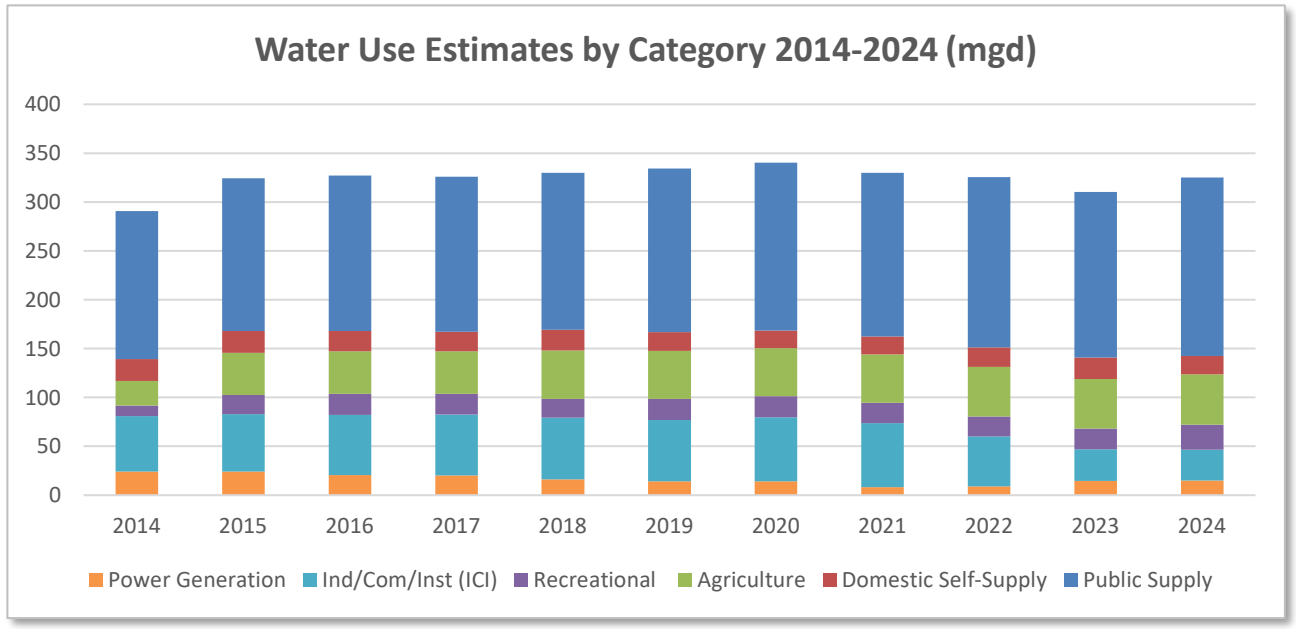
Uniform Gross Per Capita (gpcd)	**121.44**
Uniform Residential Per Capita (gpcd)	**70.62**

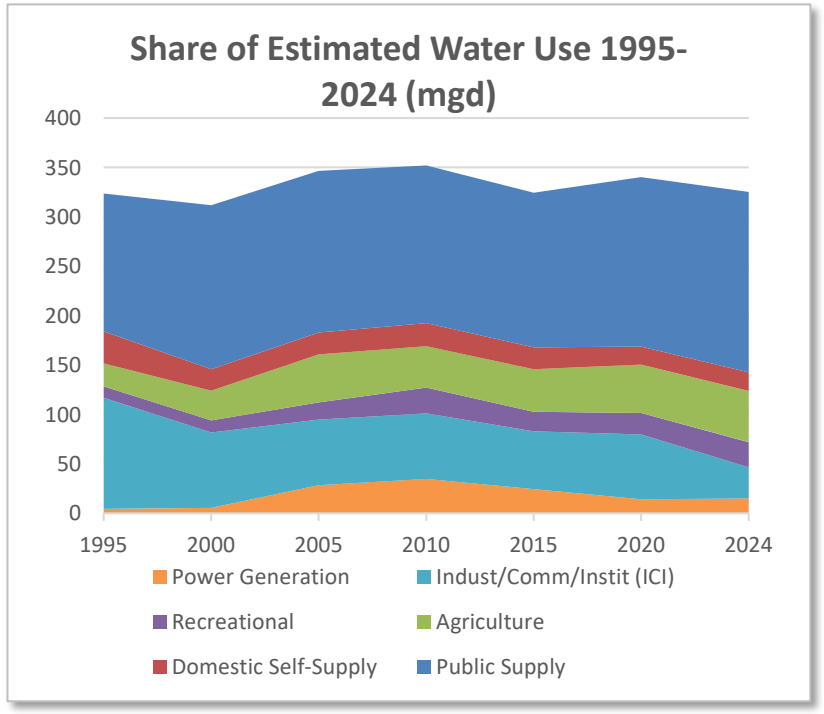
NOTES. Public supply per capita rates, in gallons per capita per day (gpcd), are calculated from public supply water use data and estimates of populations served. The sources of per capita rates are district water supply assessments and, since 2012, annual water use reports. Also since 2015, populations served estimates include seasonal resident adjustments in all counties.

Trends in Share of and Total Water Use Estimates By Water Use Category (mgd)

Districtwide	1995	2000	2005	2010	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Public Supply	139.790	166.160	163.481	159.570	151.549	156.495	159.084	158.717	160.323	167.565	171.597	167.365	174.044	169.275	182.523
Domestic Self-Supply	32.140	21.632	22.386	23.272	22.216	22.021	20.794	20.249	21.505	19.288	18.127	18.287	20.129	21.941	18.874
Agriculture	23.400	30.100	48.630	42.030	25.157	43.240	43.360	43.466	49.261	48.879	49.112	49.758	50.761	50.722	51.676
Recreational	11.500	12.060	17.310	25.905	10.846	19.595	21.594	21.032	19.521	21.902	21.643	20.858	20.207	21.190	25.536
Ind/Com/Inst (ICI)	112.450	76.280	66.160	66.440	56.664	58.703	61.581	62.448	63.058	62.409	65.691	65.347	51.201	32.418	31.698
Power Generation	4.470	5.650	28.530	34.820	24.357	24.335	20.676	20.206	16.095	14.360	14.068	8.220	9.049	14.729	14.837
Total Water Use	**323.750**	**311.882**	**346.550**	**352.030**	**290.789**	**324.389**	**327.089**	**326.118**	**329.762**	**334.403**	**340.238**	**329.835**	**325.390**	**310.275**	**325.144**

**2011 water use estimates not compiled at the time of this report.*





NOTES.

1. Agriculture and recreational water use estimates vary over time. In some cases, they are the sum of reported water use plus additional estimating methods (for WSAs, and 2015-2021). In other years agriculture and recreational estimates appear to be from reported use only.

2. In 2010, the agriculture water use estimate of 42.03 mgd reflects the value after corrections made in Gadsden County agricultural water use. Therefore, both the agriculture and total water use estimates do not match the WSA 2013 report data (errata never issued).

3. Differences in water use categories over time may reflect moving permittees from one category to another, for example, an industrial use moved to power generation, or