

WASHINGTON COUNTY'S 2023 PER CAPITA CONSUMPTIVE WATER USE



Washington County's 2023 per capita consumptive water use was **132** gallons per day. This figure represents the **total water consumed** divided by the **total population** divided by **365 days**, as set forth in Utah State Statute.¹

$$\frac{\text{total water consumed}}{(\text{population} \times \text{days of year})}$$



Total Water Consumed

Total water consumed, which is derived from **total water supplied** minus **return flows**,² was **12,039,147,935** gallons.

Total Water Supplied

The 2023 total water supplied was **17,300,307,935** gallons. Total water supplied includes all metered drinking water³ and metered secondary water delivered to commercial, industrial, institutional, and residential users within the district's service area.⁴

Return Flows

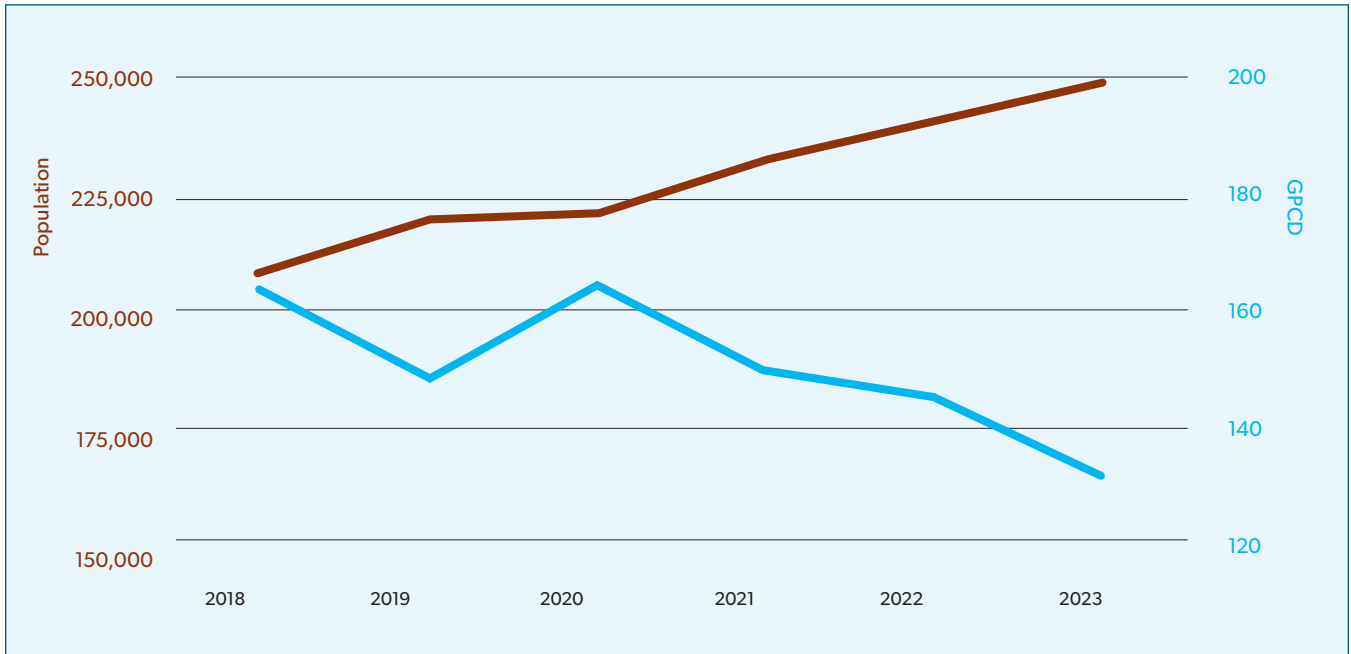
The 2023 returns flows were **5,261,160,000** gallons. The figure includes data from the St. George Regional Water Reclamation Facility and the Ash Creek Special Service District regarding water returned to the natural environment from the treatment facilities.⁵



Total Population

The total population⁶ was **249,079**, which is the Kem C Gardner Policy Institute's 2023 Washington County population estimate,⁷ reduced by **5.4%** to correspond to the district's service area.

Washington County GPCD and Population Growth



Footnotes:

¹ Utah Code § 73-5-8.5

² Utah Code § 73-5-8.5(1)(j)

³ The district has interpreted drinking water to correspond to potable water for purposes of this analysis

⁴ As required by Utah Code § 73-5-8.5(7), the district included community water systems serving a population of 3,300 or more and made reasonable efforts to ensure the water data relied on in this report is the same as the data reported by the community water systems to the Division of Water Rights

⁵ Utah Code § 73-5-8.5(6)

⁶ As required by Utah Code § 73-5-8.5(5), total population includes the locally significant effects of a non-permanent population, including a transient but consistently recurring non-resident population associated with secondary residences or visitors

⁷ Kem C. Gardner Policy Institute, "Washington County Temporary Resident Population Estimates," May 2024