

Monthly Conservation Reporting Definitions and Data Dictionary

Updated June 4, 2021

The following table defines the quantities that are requested in the Monthly Conservation Reporting form.

Variable Name	Definition	Notes
Monthly Total Potable Water Production	Section 990 f of the Water Code: “Total potable water production” means all potable water that enters into a water supplier’s distribution system, excluding water placed into storage and not withdrawn for use during the reporting period and excluding water exported outside the supplier’s service area during the reporting period.	This total includes non-revenue water and commercial agriculture (see next note).
Commercial Agricultural Water	Water used for commercial agricultural purposes that meets the definition of Government Code section 51201, subdivision (b). (b) “Agricultural use” means use of land, including but not limited to greenhouses, for the purpose of producing an agricultural commodity for commercial purposes. According to the adopted regulatory text, it includes irrigation of land, irrigation within green houses, frost protection, and heat control. “Commercial agricultural use” does not include cleaning, processing, or other similar post-harvest activities.	While commercial agriculture is not excluded from REPORTED total production, it is subtracted from total production when calculating per capita residential use (see "PRU and R-GPCD Calculation" document).
Commercial, Industrial, and Institutional Water	Water Code, section 10608.12, subdivisions (e), (i), and (j): “Commercial, industrial, and institutional” (CII) means all indoor and outdoor water used by all commercial water users, industrial water users, and institutional water users. CII includes agricultural water and landscape water used for parks, medians, and other outdoor areas associated with CII.	CII includes agricultural water and landscape water used for parks, medians, and other outdoor areas associated with CII.
Recycled Water	Per water code §60301.690, recycled municipal wastewater is recycled water used for indirect potable reuse, such as the effluent from the treatment of wastewater of municipal origin.	
Non-Revenue Water	Includes water lost due to system leaks and thefts, and non-billed water used to fight fires.	
Residential Per Capita Gallons Per Day (R-GPCD)	The average amount of water used per person per day in the supplier service area, in gallons.	See the "PRU and R-GPCD Calculation" document for an explanation of how Water Board staff calculate this quantity.

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Urban Water Supplier	Water Code section 10617: A supplier, either publicly or privately owned, providing water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually. An urban water supplier includes a supplier or contractor for water, regardless of the basis of right, which distributes or sells for ultimate resale to customers. This part applies only to water supplied from public water systems subject to Chapter 4 (commencing with Section 116275) of Part 12 of Division 104 of the Health and Safety Code.	This does not include suppliers when they are functioning solely in a wholesale capacity. "Urban water supplier" does include wholesalers when they are functioning in a retail capacity.
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The following table defines all of the data fields that are provided in the Urban Water Supplier Monthly Reports Raw Dataset (located [HERE](#)).

Field Name	Data Type	Description	Optional/Mandatory
Supplier Name	Plain Text	Name of the urban water supplier	Mandatory
Public Water System ID	Plain Text	ID number(s) associated with the water system(s) in the supplier service area	Mandatory
Reporting Month	Date	The pertaining month of the Monitoring Report	Mandatory
County	Plain Text	County/counties encompassing the supplier service area	Mandatory
Hydrologic Region	Plain Text	Name of the principal hydrologic region encompassing the supplier's service area	N/A (Prefilled)
Climate Zone	Plain Text	Name of the principal climate zone encompassing the supplier's service area	N/A (Prefilled)
Total Population Served	Number	Estimate of the number of permanent residents served potable water during the reporting month	Mandatory
Reference 2014 Population	Number	Median of 2014 population values as previously reported by suppliers	N/A (Prefilled)
Water Shortage Contingency Plan Stage Invoked	Plain Text	The stage of the water supplier's water shortage contingency plan that has been invoked during the reporting month.	Mandatory
Water Shortage Level Indicator	Plain Text	Indication that reported shortage plan stage corresponds to a shortage greater than 10%	Mandatory
Water Production Units	Plain Text	Units of measure for the reported water production quantities	Mandatory
REPORTED PRELIMINARY Total Potable Water Production	Number	Preliminary estimate of total quantity of potable water produced during the reporting month (excluding water stored or transferred), in reported units	Conditional Mandatory (one of two must be filled)
REPORTED FINAL Total Potable Water Production	Number	Final reported total quantity of potable water produced during the reporting month (excluding water stored or transferred), in reported units	Conditional Mandatory (one of two must be filled)
PRELIMINARY Percent Residential Use	Number	Preliminary estimate of the percentage (as a number out of 100) of total water production that went to residential customers during the reporting month	Conditional Mandatory (one of two must be filled)
FINAL Percent Residential Use	Number	Final reported percentage (as a number out of 100) of total water production	Conditional Mandatory (one of two must be filled)

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		that went to residential customers during the reporting month	
REPORTED PRELIMINARY Commercial Agricultural Water	Number	Preliminary estimate of the total quantity of potable water used for commercial agriculture during the reporting month, in reported units	Optional
REPORTED FINAL Commercial Agricultural Water	Number	Final reported total quantity of potable water used for commercial agriculture during the reporting month, in reported units	Optional
REPORTED PRELIMINARY Commercial, Industrial, and Institutional Water	Number	Preliminary estimate of the quantity of potable water used by commercial, industrial, and institutional customers during the reporting month, in reported units	Optional
REPORTED FINAL Commercial, Industrial, and Institutional Water	Number	Final reported quantity of potable water used by commercial, industrial, and institutional customers during the reporting month, in reported units	Optional
REPORTED Recycled Water	Number	Total quantity of recycled water beneficially used during the reporting month, in reported units	Optional
REPORTED Non-Revenue Water	Number	Total quantity of potable water for which supplier does not receive revenue (example: leaks) during the reporting month, in reported units	Optional
CALCULATED Total Potable Water Production Gallons (Ag Excluded)	Number	Total quantity of potable water produced during the reporting month (excluding commercial agriculture and water stored or transferred), in gallons	N/A (Calculated by staff)
CALCULATED Total Potable Water Production Gallons 2013 (Ag Excluded)	Number	Baseline 2013 total potable water production (excluding commercial agriculture) as previously reported by supplier, in gallons	N/A (Prefilled)
CALCULATED Commercial Agricultural Water Gallons	Number	Total quantity of potable water used for commercial agriculture during the reporting month, in gallons	N/A (Calculated by staff)
CALCULATED Commercial Agricultural Water 2013	Number	Baseline 2013 commercial agricultural water production as previously reported by supplier, in gallons	N/A (Prefilled)
CALCULATED R-GPCD	Number	Residential gallons per capita per day	N/A (Calculated by staff)
Qualification	Plain Text	Caveats or additional information about the reported data	Optional