

Subject: RE: Calculating water agency progress toward meeting reduction targets...

Date: Wednesday, July 22, 2015 at 1:14:59 PM Pacific Daylight Time

From: Oppenheimer, Eric@Waterboards

To: Keller, Christopher, Kostyrko, George@Waterboards, DiLuccia, Andrew@Waterboards

Chris, your understanding and calculations are correct. One thing to keep in mind is that agricultural water will be reported for some suppliers and that water will need to be subtracted from total potable production. I am not sure of the exact date of the data release at this point, but it won't be any later than our 8/4 Board Meeting, probably a little sooner. I would be interested in seeing your dashboard when it is complete.

Thanks,
Eric
(916) 445-5960

From: Keller, Christopher [mailto:ckeller@scpr.org]

Sent: Wednesday, July 22, 2015 10:31 AM

To: Kostyrko, George@Waterboards; Oppenheimer, Eric@Waterboards; DiLuccia, Andrew@Waterboards

Subject: Calculating water agency progress toward meeting reduction targets...

Eric, George Andrew -

Hope all is well. I know the next release of water conservation data is scheduled to include June 2015 numbers, the first set of numbers that will be used to measure how a water agency is doing when it comes to meeting the reduction targets approved by the State Water Resources Control Board.

As I prepare to update the [news application we've built](#) I want to double check my understanding of how the state will be calculating progress toward meeting the reduction targets. As I understand it:

Production data is being used to gauge progress toward meeting reduction targets, NOT the R-GPCD figure used to divide agencies into tiers.

The reductions are cumulative over the entire 9 month period. This means decreases or increases in one month are reflected in subsequent months. Progress will be tracked monthly.

For this first go-round, June 2015 production data will be compared to June 2013 production data. Overall progress will be measured by comparing June 2015 through February 2016 to the same 9 months in 2013.

So using **This Fictional Water Agency** as an example if I wanted to create a dashboard to track progress...

- June 2015: 25,004,393 gallons.
- June 2013: 25,941,318 gallons.
- Percent change: -3.61 percent
 - Calculated by $(25,004,393 - 25,941,318) / 25,941,318$

- July 2015: 29,586,922 gallons.
- July 2013: 30,427,517 gallons.
- Percent change: -2.76 percent
 - Calculated by $(29,586,922 - 30,427,517) / 30,427,517$
- Savings to Date: -3.15 percent
 - 2015: $25,004,393 + 29,586,922 = 54,591,315$
 - 2013: $25,941,318 + 30,427,517 = 56,368,835$
 - Calculated by $(54,591,315 - 56,368,835) / 56,368,835$
- This assumes that montly reports will continue to contain Calculated production monthly gallons per month for the current month and it's baseline counterpart.

Finally, I know the May numbers were released about six days before the regularly scheduled board meeting on July 7. Do you anticipate the June numbers to be released prior to the board meeting on Aug. 4?

Thanks for any guidance you might be able to provide, and if it's easier to discuss over the phone I'm available as well.

Chris K.

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