

## FW: Diversion Rate Calculation

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Thu 6/27/2024 4:43 PM

To: Timothy C. Engle <Timothy.Engle@edcgov.us>

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Good afternoon Tim,

I hope you are doing well. Your questions about diversion rates were forwarded to me. To help answer your questions and provide background information, webpages are linked below. All of these resources are available from Local Government Central

<https://calrecycle.ca.gov/LGCentral/>

Beginning in 2007, SB 1016 changed the measurement system for the 50% waste diversion goal of AB 939 from a waste diversion rate metric to a per capita disposal rate metric. At that time, CalRecycle stopped calculating diversion rates and instead now uses annual capita disposal rates. Annual per capita disposal rates should not exceed a jurisdiction's per capita disposal target. The per capita disposal target represents a jurisdiction's 50% diversion rate and does not change.

<https://calrecycle.ca.gov/LGCentral/Basics/PerCapitaDsp/>

<https://calrecycle.ca.gov/LGCentral/DataTools/Reports/DivDispRtSum/>

While CalRecycle does not calculate jurisdiction diversion rates, jurisdictions may choose to calculate their own diversion rates. CalRecycle offers a tool for this here

<https://www2.calrecycle.ca.gov/LGCentral/DiversionProgram/DiversionWorksheet>. It is complex because diversion rates require calculations of waste generation and estimates of waste diverted (tons diverted/tons generated= diversion rate).

Please let me know if you would like to have a call to discuss this, it can be complicated!

Best,  
Jill

Jill Larner, Supervisor

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**Subject:** Diversion Rate Calculation

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Hello,

I wanted to confirm two questions.

- 1) Can "diversion rates" be derived from ppd and ppd target numbers in annual reporting? We've used the formula **Diversion % = 1 - (ppd) / (ppd target \* 2)) \* 100**. Is that formula still valid?
2. Can CalRecycle briefly explain the origin of the "**target ppd**" that has remained fixed since 2007? I believe it was related to disposal rates in 2006, but the explanation is unclear. Some jurisdictions have significantly different rates, and our (El Dorado County Unincorporated) rate of 5.3 creates difficult conditions to achieve diversion rate targets that we set in the early 2010s. Furthermore, why have these target rates not been updated in 17 years? Is there any process where the target rates could be adjusted?

Jurisdiction	Tons	PPD-A	PPD-T	PPD-TA	PPD-TE	D%	DT-E
Diamond Bar	33634.25	3.4	4.6	10.2	17.3	63.04%	70.52%
Dinuba	27452.61	6.0	6.5	20.5	17.7	53.85%	42.09%
Dixon	20185.27	5.8	9.9	20.0	22.1	70.71%	54.75%
Dublin	33166.63	2.5	5.9	7.6	14.7	78.81%	74.15%
East Palo Alto	13961.41	2.6	8.5	15.9	119.4	84.71%	93.34%
Eastvale	40785.71	3.2	3.6	10.4	25.9	55.56%	79.92%
El Cajon	85684.24	4.4	7.4	11.5	18.8	70.27%	69.41%
El Dorado-Unincorporated	101021.73	3.5	5.3	15.1	23.2	66.98%	67.46%
El Monte	89336.4	4.5	6.8	17.4	29.5	66.91%	70.51%
El Segundo	46380.92	14.7	44.2	3.8	15.1	83.37%	87.42%
Elk Grove	92674.72	2.9	5.9	13.1	27.5	75.42%	76.18%
Emeryville	11752.77	5.1	16.2	2.9	6.7	84.26%	78.36%
Encinitas	62908.61	5.6	7.5	14.2	17.9	62.67%	60.34%
Escalon	9844.31	6.1	11.8	20.7	40.4	74.15%	74.38%
Escondido	187829.78	6.8	5.9	19.6	16.5	42.37%	40.61%
Eureka	30939.68	6.2	6.5	10.1	9.5	52.31%	46.84%
Exeter	6383.11	3.4	4.2	11.0	15.9	59.52%	65.41%
Fairfield	162971.47	7.4	8.5	23.3	22.7	56.47%	48.68%
Farmersville	5727.91	3.0	3.3	20.4	34.1	54.55%	70.09%

Thank you,  
Tim


Timothy Engle, REHS


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