US ERA ARCHIVE DOCUMENT

Adjusting Waste Generation



Adjusting Waste Generation

Use this methodology if you have waste generation data from a survey conducted in a previous year, but do not have data from the current measurement year. You will adjust the previous data for changes in population and economic conditions. This methodology is based on a regression analysis that tested the predictive power of several variables on waste generation in California. Results showed that population, employment, and taxable transactions were the strongest predictors of waste generation. Please note that because the methodology was developed by the State of California using California data, this may affect its accuracy when used in other states. For more information about the methodology, please contact the California Integrated Waste Management Board at 916 255-2341.

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- ✔ Population data for both the current measurement and reference years (P)
- ✓ Employment data for both the current measurement and reference years (E)
- ✓ Taxable sales receipts for both the current measurement and reference years (TSR) (Your state's economic development office might be a source of county-specific data.)
- ✓ Consumer Price Index for the current measurement year (CPI)
- ✔ Residential waste generation tonnage for the reference year (R)
- ✓ Commercial waste generation tonnage for the reference year (C)

Definitions:		
m = Current measurement year		
ry = Reference year		
Reference year = Year of the mo	ost recent survey	
Adjusted taxable transactions (T	T) = Taxable sales receipts corrected for inflation	

there are inconsistencies, use Worksheet A to adjust your scope.

B. Adjusted Taxable Transactions (current measurement year):

CPI_{ry}

CPI_m

TSR_m

Adjusted Taxable Transactions (T) (current measurement year)

A. Use Worksheet A to determine if your scope of MSW is consistent with the definition used here. If

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