

Zero Waste Input Sheet

Instructions

The purpose of this calculator is to summarize the results of your recycling efforts and to provide the GHG benefits of your program. In addition, water savings and GHG benefits from your purchased compost are also provided.

Please enter the total number of containers collected and/or the known weights in tons of the material in the shaded cells.

The results of the calculator will populate to the right handside of the page.

This calculator uses best practice information provided by the California Air Resources Board and EPA's Waste Reduction Model. It is brought to you by Upper Valley Disposal Services, Clover Flat Resource Recovery and Edgar & Associates.

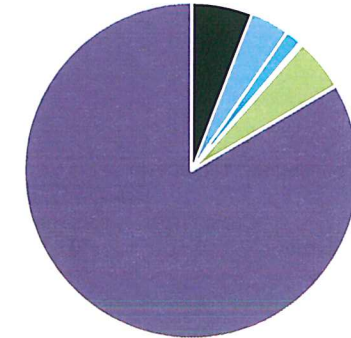


Density Conversion ¹ : Tons/CY: <input type="text" value="0.22"/>				
Number collected	Cubic Yards	Weight (tons from volume)	Known Weights (tons)	Total Weight
35 gallon	0	0.00		0.0
64 gallon	0	0.00		0.0
96 gallon	0	0.00		0.0
2 cy	0	0.00		0.0
4 cy	0	0.00		0.0
6 cy	0	0.00		0.0
10 cy	0	0.00		0.0
20 cy	0	0.00		0.0
30 cy	0	0.00		0.0
40 cy	0	0.00	23	23.0
Total	0	0.00	0.0	23.0

Recycling Rate 94%

Total Tons	
Trash	23
Mixed Recycling	15
Glass Bottles	6
Corrugated Cardboard	1
Green Waste	20
Food Waste	0
Pomace	330
Shrink wrap	0
E-Waste	0
Concrete/Dirt	0
Total Processed:	396

Breakdown of Tons Recycled and Composted



- Trash
- Mixed Recycling
- Glass Bottles
- Corrugated Cardboard
- Green Waste
- Food Waste
- Pomace
- Shrink wrap
- E-Waste
- Concrete/Dirt

Density Conversion ¹ : Tons/CY: <input type="text" value="0.10"/>				
Number collected	Cubic Yards	Weight (tons from volume)	Known Weights (tons)	Total Weight
96 gallon	0	0.00		0.0
24 4 cy	96	9.65		9.7
6 cy	0	0.00		0.0
20 cy	0	0.00	5.5	5.5
Total	96	9.65	6	15

Density Conversion ¹ : Tons/CY: <input type="text" value="0.35"/>				
Number collected	Cubic Yards	Weight (tons from volume)	Known Weights (tons)	Total Weight
96 gallon	0	0.00		0.0
4 cy	0	0.00		0.0
6 cy	0	0.00		0.0
20 cy	0	0.00	6.2	6.2
Total	0	0.00	6	6

Density Conversion ¹ : Tons/CY: <input type="text" value="0.05"/>				
Number collected	Cubic Yards	Weight (tons from containers)	Known Weights (tons)	Total Weight
96 gallon	0	0.00		0.0
4 cy	0	0.00		0.0
6 cy	0	0.00		0.0
20 cy	0	0.00		0.0
40 cy	0	0.00	1.2	1.2
Total	0	0.00	1	1

Density Conversion ¹ : Tons/CY: <input type="text" value="0.18"/>				
Number collected	Cubic Yards	Weight (tons from containers)	Known Weights (tons)	Total Weight
96 gallon	0	0.00		0.0
4 cy	0	0.00		0.0
6 cy	0	0.00		0.0
20 cy	0	0.00	20	20.0
Total	0	0.00	20	20.0

Density Conversion ¹ : Tons/CY: <input type="text" value="0.56"/>		
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Summary

Total Emissions from Landfilled Material (MTCO₂e) 7.12

Total Avoided Emissions from Recycling (71.60)

Total Avoided Emissions from Composting (414.79)

Overall GHG Benefit from Recycling Program (479.27)

Total Avoided Emissions from Compost Purchases 0.0

Benefit of both recycling and compost purchases (479.27)

Equivalent To: Removing annual emissions from **70** Passenger Vehicles
Conserving **2** Households' Annual Energy Consumption

Compost feedstock tons: 350 Produces Finished Compost (tons): 231

Potential water savings from produced compost 8275 gallons/ton resulting in a total of: **1,911,525 gallons of water saved**

Estimated water savings from Compost purchases **0 gallons of water saved**

1,911,525 total water savings

Number collected	Cubic Yards	Weight (tons from containers)	Known Weights (tons)
1/2 full 64 gallon	0	0.00	0.0
3/4 full 64 gallon	0	0.00	0.0
Total	0	0.00	0

Pomace

Number collected	Known Weights (tons)
	330.00
	330.00

Shrink wrap

Number collected	Known Weights (tons)
	0.00

E-Waste

Number collected	Known Weights (tons)
	0.00

Woodbox

Density Conversion¹: Tons/CY: 0.14

Number collected	Cubic Yards	Weight (tons from containers)	Known Weights (tons)
96 gallon	0	0.00	0.0
4 cy	0	0.00	0.0
6 cy	0	0.00	0.0
20 cy	0	0.00	0.0
Total		0.00	0.00

Dirt/Rock/Concrete

Density Conversion¹: Tons/CY: 1.00

Number Collected	Cubic Yards	Weight (tons from containers)	Known Weights (tons)
96 gallon	0	0.00	0.0
4 cy	0	0.00	0.0
6 cy	0	0.00	0.0
20 cy	0	0.00	0.0
Total		0.00	0.00

Notes:

1. These conversions were provided by the CalRecycle FacIT: <http://www.calrecycle.ca.gov/FacIT/Conversion1.pdf>

Conversions

General
gallons/cubic yard
201.97

Compost Purchases
CARB conversion factor
1.515151515

GHG Benefit/Ton Feedstock
-0.42

AVOIDED EMISSIONS FROM PURCHASED COMPOST			
* Note: Benefits per ton of compost are based on an application basis. Therefore avoided emissions may be claimed from either purchasing finished compost for application, or furnishing the feedstock for compost. However, the avoided emissions cannot be claimed for both production and purchase for the same compost.			
Cubic Yards	Density	Compost Purchased in Tons	Total tons
	0.5		0.0
		Equivalent Tons of Feedstock	0.0
		Total Avoided Emissions	0.0

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Please enter the total number of containers collected and/or the known weights in tons of the material in the shaded cells.

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Trash				Density Conversion ¹ : Tons/CY:	0.22		
Number collected		Cubic Yards	Weight (tons from volume)	Known Weights (tons)	Total Weight		
	35 gallon	0	0.00		0.0		
	64 gallon	0	0.00		0.0		
	96 gallon	0	0.00		0.0		
	2 cy	0	0.00		0.0		
104	4 cy	416	90.52		90.5		
	6 cy	0	0.00		0.0		
	10 cy	0	0.00		0.0		
	20 cy	0	0.00		0.0		
	30 cy	0	0.00		0.0		
	40 cy	0	0.00		0.0		
Total		416	90.52		90.5	416.0	90.5

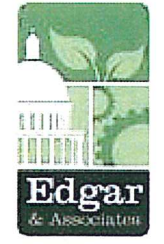
Mixed Recycling				Density Conversion ¹ : Tons/CY:	0.10		
Number collected		Cubic Yards	Weight (tons from volume)	Known Weights (tons)	Total Weight		
156	96 gallon	74	7.46		7.5		
52	4 cy	208	20.91		20.9		
	6 cy	0	0.00		0.0		
	20 cy	0	0.00		0.0		
Total		282	28.37		28	0	28

Glass Bottles				Density Conversion ¹ : Tons/CY:	0.35		
Number collected		Cubic Yards	Weight (tons from volume)	Known Weights (tons)	Total Weight		
	96 gallon	0	0.00		0.0		
	4 cy	0	0.00		0.0		
	6 cy	0	0.00		0.0		
	20 cy	0	0.00		0.0		
Total		0	0.00		0	0	0

Corrugated Cardboard				Density Conversion ¹ : Tons/CY:	0.05		
Number collected		Cubic Yards	Weight (tons from containers)	Known Weights (tons)	Total Weight		
	96 gallon	0	0.00		0.0		
52	4 cy	208	10.88		10.9		
	6 cy	0	0.00		0.0		
	20 cy	0	0.00		0.0		
	40 cy	0	0.00		0.0		
Total		208	10.88		11	0	11

Green Waste				Density Conversion ¹ : Tons/CY:	0.18		
Number collected		Cubic Yards	Weight (tons from containers)	Known Weights (tons)	Total Weight		
	96 gallon	0	0.00		0.0		
	4 cy	0	0.00		0.0		
	6 cy	0	0.00		0.0		
	20 cy	0	0.00		0.0		
Total		0	0.00		0.0	0	0.0

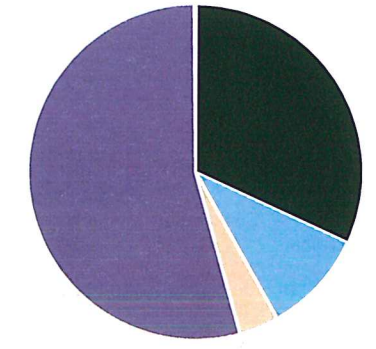
Food Waste				Density Conversion ¹ : Tons/CY:	0.56		
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Recycling Rate 68%

Total Tons	
Trash	91
Mixed Recycling	28
Glass Bottles	0
Corrugated Cardboard	11
Green Waste	0
Food Waste	0
Pomace	154
Shrink wrap	0
E-Waste	0
Concrete/Dirt	0
Total Processed:	284

Breakdown of Tons Recycled and Composted



- Trash
- Mixed Recycling
- Glass Bottles
- Corrugated Cardboard
- Green Waste
- Food Waste
- Pomace
- Shrink wrap
- E-Waste
- Concrete/Dirt

Summary	
Total Emissions from Landfilled Material (MTCO ₂ e)	28.02
Total Avoided Emissions from Recycling	(185.56)
Total Avoided Emissions from Composting	(186.32)
Overall GHG Benefit from Recycling Program	(343.87)
Total Avoided Emissions from Compost Purchases	0.0
Benefit of both recycling and compost purchases	(343.87)

Equivalent To: Removing annual emissions from Conserving **54** Passenger Vehicles
6 Households' Annual Energy Consumption

Compost feedstock tons: 154 Produces Finished Compost (tons): 102

Potential water savings from produced compost 8275 gallons/ton resulting in a total of: **841,071 gallons of water saved**

Estimated water savings from Compost purchases **0 gallons of water saved**
841,071 total water savings

	Number collected	Cubic Yards	Weight (tons from containers)	Known Weights (tons)	
Pomace	1/2 full 64 gallon	0	0.00		0.0
	3/4 full 64 gallon	0	0.00		0.0
	Total	0	0.00	0	0
	Number collected			Known Weights (tons)	
				154.00	154.00
Shrink wrap	Number collected			Known Weights (tons)	
				0.47	0.47
E-Waste	Number collected			Known Weights (tons)	0.00
Woodbox (Mixed Recycling)	Density Conversion ¹ : Tons/CY: 0.14				
	Number collected	Cubic Yards	Weight (tons from containers)	Known Weights (tons)	
	96 gallon	0	0.00		0.0
	4 cy	0	0.00		0.0
	6 cy	0	0.00		0.0
	20 cy	0	0.00		0.0
	Total		0.00	0.00	0.0
Dirt/Rock/Concrete	Density Conversion ¹ : Tons/CY: 1.00				
	Number Collected	Cubic Yards	Weight (tons from containers)	Known Weights (tons)	
	96 gallon	0	0.00		0.0
	4 cy	0	0.00		0.0
	6 cy	0	0.00		0.0
	20 cy	0	0.00		0.0
	Total		0.00	0.00	0.0

Notes:
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 General
 gallons/cubic yard
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		Density			
Cubic Yards		0.5	Compost Purchased in Tons	Total tons	0.0
				Equivalent Tons of Feedstock	0.0
				Total Avoided Emissions	0.0