

GCC CARBON CALCULATOR

REPORT SETTINGS

Year end: January 2024
Status: Final
Distance unit: miles
Fuel unit: gallons
Currency: USD

TRAVEL (FLIGHTS)

Route	Return/Single	Class	People	Total passenger distance (m)	Carbon (tCO2e)
SJC-LAX	Return	Economy	11	6,767	1.50
SJC-MIA	Return	Economy	15	76,653	17.02

Total distance (flights): 83,420

Carbon footprint (flights): 18.52 (tCO2e)

SHIPPING

Road Freight (Truck/HGV)

Route	Return/Single	Weight inc. packaging (kg)	Distance (m)	Total distance (m)	Carbon (tCO2e)
Expert Art Service (San Francisco - San Jose)	Return	453.592	47.8	93	0.03
Artist travel (Spring 2023)	Return	128.00082	58.2	116	0.01
Artist travel (Fall 2023)	Return	98.02189	45.7	89	0.01

Total distance (road freight): 298

Carbon footprint (road freight): 0.05 (tCO2e)

ENERGY

Premises/ Gallery Name	Country/ Location	Electricity (KWh)	Piped Gas (KWh)	% Share of Premises	Supplier	Carbon (tCO2e)
ICA San Jose	USA - California	26516.42	20,861.67	100	PG&E;	9.17

Carbon footprint (energy): 9.17 (tCO2e)

OPTIONAL

Car Travel (other)

	Amounts	Carbon (tCO2e)
Distance travelled on business (in miles, from mileage claims)	125	0.04
Fuel purchased for company cars (gallons):	0	

Carbon footprint (other cars): 0.04 (tCO2e)

Local Artwork Transportation

	Amounts	Carbon (tCO2e)
Typical distance per journey by local courier/van (miles)	50	
Number of journeys by van per year:	8	0.16
Number of journeys by car per year:	185	2.62
Number of journeys by motorbike per year:	0	Less than 0.01

Carbon footprint (local artwork transportation): 2.78 (tCO2e)

Packaging

	Amount (kg)	Carbon (tCO2e)
Total weight of packaging used for transport:	48	0.03

Carbon footprint (packaging): 0.03 (tCO2e)

Printing

Item printed (book, brochure, etc.)	Weight per item (g)	Number printed	Total weight (kg)	Carbon (tCO2e)
Gallery Guides	4.5	6500	29.25	0.06
Membership Mailers	10	120	1.2	Less than 0.01
Check-in Sheets	2.25	3750	8.4375	0.02

Carbon footprint (packaging): 0.08 (tCO2e)

SUMMARY

Flights	18.52 (tCO2e)	60.38%
Shipping	0.05 (tCO2e)	0.16%
Energy	9.17 (tCO2e)	29.90%
Travel (other)	0.04 (tCO2e)	0.13%
Other	2.89 (tCO2e)	9.42%

Total carbon: 30.67 (tCO2e)
