

Universal Carbon Footprint Calculators

Developed by



Calculated Values Included in Online Calculators: Listed by Category:

Airplane Transportation

	One-way mileage	kg CO ₂ /Short Ton mile
Truck		0.1033
Rail		0.0287
Airplane	< 281 miles	2.3062
	Between 281 and 994 mile	1.1677
	>994 miles	0.832
Unknown	Same as Airplane	

Ground Transportation

Type of Automobile	kg CO ₂ /mile
Large, gas powered (19 mpg)	0.4746
Medium, gas powered (23 mpg)	0.392
Small gas powered (29 mpg)	0.3109
Diesel auto (24 mpg)	0.433
Hybrid (45 mpg)	0.2004
Bus and Rail Transportation (multi-passenger transportation)	
Bus (diesel long distance)	0.0781
Bus (diesel local)	0.2997
Train (diesel)	0.1719

Local Transportation

Transfers from Airport to Convention Center	
Round trip total via hotel bus/shuttle	4.80 kg CO ₂
Round trip total via taxi	7.59 kg CO ₂
Round Trip via rental car	7.59 kg CO ₂
Transfers from Train Station to Convention Center	
Round trip total via hotel bus/shuttle	.52 kg CO ₂
Round trip total via taxi	1.42 kg CO ₂
Round Trip via rental car	1.42 kg CO ₂

Lodging

State	Estimated kg CO ₂ /night
Alaska	10.35
Alabama	11.65
Arkansas	11.52
California	7.63
Colorado	16.26
Connecticut	7.99
Delaware	15.04
District of Columbia (Washington DC)	27.18
Florida	11.98
Georgia	12.25
Hawaii	14.04
Iowa	15.97
Idaho	3.9
Illinois	10.68
Indiana	17.01
Kansas	15.49
Kentucky	16.7
Louisiana	10.99
Massachusetts	11.16
Maryland	11.61
Maine	8.11
Michigan	12.41
Minnesota	13.59
Missouri	15.55
Mississippi	12.39
Montana	13.49
North Carolina	11.11
North Dakota	18.94
Nebraska	13.02
New Hampshire	8.16
New Jersey	7.72
New Mexico	16.3
Nevada	13.49
New York	9.02
Ohio	14.87
Oklahoma	14.51
Oregon	5.99
Pennsylvania	11.09
Rhode Island	10.12
South Carolina	9.07
South Dakota	11.08
Tennessee	11.43
Texas	12.81
Utah	17.16
Virginia	11.06
Vermont	2.98
Washington DC	27.18
Washington (state)	5.35
Wisconsin	14.43
West Virginia	16.27
Wyoming	18.22
US Average	12.08