

Table Notes

1. All U.S. Venture Open 2023 values are estimates based on U.S. Venture Open 2022 estimates. U.S. Venture Open 2022 event data and calculations are based on best estimates and assumptions from data collected at or after the event.
2. Local Guests / Volunteers are defined to be within a 50-mile radius of Appleton, WI.
3. Guests are "Out-Of-Town" if located within Wisconsin and greater than 50 miles from Appleton, WI.
4. Guests are "Out-Of-State" if traveling from a state other than Wisconsin.
5. Mobile emissions are calculated using the [EPA Simplified GHG Emissions Calculator \(May 2023\)](#).
6. Air travel CO₂ emissions are calculated using the [ICAO Carbon Emissions Calculator](#).
7. Hotel lodging emissions are calculated using the [GreenView Hotel Footprinting Tool](#).
8. Diesel fuel emission factor of 10.242 kg CO₂e / gallon. Ref: [U.S. EPA Greenhouse Gas Reporting Program, Federal Register / Vol. 74, No. 209 / Friday, October 30, 2009 / Rules and Regulations, Table C-1 to Subpart C of Part 98 & Table C-2 to Subpart C of Part 98](#).
9. Propane emission factor of 5.701 kg CO₂e / gallon. Ref: [U.S. EPA Greenhouse Gas Reporting Program, Federal Register / Vol. 74, No. 209 / Friday, October 30, 2009 / Rules and Regulations, Table C-1 to Subpart C of Part 98 & Table C-2 to Subpart C of Part 98](#).
10. Five out of the six participating golf courses use gasoline-powered golf carts; one golf course uses electric-powered golf carts only.
11. Emissions from electric-powered golf carts are calculated using [EPA eGRID emission rates](#) with an emission rate of 497.3 kg CO₂e / MWh.

Assumptions Used for Data and Calculations

1. Local Guests / Volunteers drive 75 miles roundtrip, to and from the golf course. All 300 dinner reception guests drive 45 miles roundtrip, to and from the reception. All 470 guests drive 15 miles roundtrip, to and from the welcome reception. Assume no carpooling.
2. Out of Town guests each drive a total of 291 miles. Assume no carpooling. Values are rounded up to the next whole number.
3. Out-Of-State guests rent a car and do not carpool. Out-Of-State guests each drive a total of 75 miles while in Appleton, WI.
4. Assumes only gasoline-powered vehicles are used with a vehicle average fuel economy of 25.4 mpg. See: [2022 EPA Automotive Trends Report](#)
5. All Out-Of-State guests fly economy class roundtrip (from their organization's nearest airport to and from Appleton International Airport (ATW)). Flight plans are estimated using [Google Flights](#).
6. Each Out-Of-Town and Out-Of-State guest lodges in an Appleton, WI, hotel for three nights.
7. Catering vehicles are light-duty trucks and travel a total of 144 miles roundtrip, to and from the event, with an average fuel economy of 24 MPG. Ref: [2022 EPA Automotive Trends Report](#)
8. Shuttle bus makes 52 trips total between satellite parking and the venue for a total of 20.2 miles driven. Assume an average fuel economy of 7.3 MPG. Ref: [Federal Highway Administration, Table VM-1 \(November 2022\)](#)
9. One guest per golf cart and each guest drive the entirety of their assigned golf course.
10. Gasoline-powered golf carts have a fuel economy of 14 MPG. Ref: [Toronto and Region Conservation Evaluation of Solar-Assisted, Electric, and Gas Golf Carts](#).
11. Electric-powered golf carts travel 32.5 miles per charge and require 3.3 kWh to fully charge the golf cart. Ref: [Toronto and Region Conservation Evaluation of Solar-Assisted, Electric, and Gas Golf Carts](#).