

Table Notes

- 1 All U.S. Venture Open 2026 values are estimates based on U.S. Venture Open 2025 data. U.S. Venture Open 2025 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 100 mile radius of Appleton, WI.
- 3 Guests are "Out-Of-Town" if located within Wisconsin and greater than 100 miles from Appleton, WI.
- 4 Mobile emissions are calculated using the Global Logistics Emissions Council Framework (v3.1) emission factors for gasoline in North America.
- 5 Air travel CO₂ emissions are calculated using the [ICAO Carbon Emissions Calculator](#).
- 6 Hotel lodging emissions are calculated using the [GreenView Hotel Footprinting Tool](#).
- 7 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](#).
- 8 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](#).
- 9 Five out of the six participating golf courses use gasoline-powered golf carts; one golf course uses electric-powered golf carts only.
- # Emissions from electric-powered golf carts are calculated using [EPA eGRID emission rates](#) with an emission rate of 415.42 kg CO₂e / MWh.

Assumptions Used for Data and Calculations

- # Volunteers drive 100 miles roundtrip, to and from the golf course. For local guests who are not volunteers, the travel information provided at registration was used to determine driving distances for the event.
- # Assumes any guest with a >100 mile trip is "out-of-town". The travel information provided at registration was used to determine driving distances (for out-of-town guests that indicated they were driving).
- # Assumes only gasoline powered vehicles are used with a vehicle average fuel economy of 24.9 MPG (Model Year 2023, assuming no BEVs). See: [2024 EPA Automotive Trends Report](#)
- # 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](#). It is assumed all layovers take place at ORD, unless there are accessible nonstop flights.
- # It is assumed that non-local guests who are driving for dinner only will stay at a hotel for 1 night; if they are golfing it is assumed they will stay for 2 nights. It is assumed that non-local guests who are flying will stay at a hotel for 3 nights.
- # 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](#)
- # Shuttle bus makes 52 trips total between satellite parking and 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 \(November 2022\)](#)
- # Two guests per golf cart and each cart drives the entirety of their assigned golf course.
- # 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](#).
- # 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](#).

FOOTNOTE LINKS MAP

- 1
- 2
- 3
- 4 https://smart-freight-centre-media.s3.amazonaws.com/documents/GLEC_FRAMEWORK_v3.1_March_2025_1-3.pdf
- 5 <https://applications.icao.int/icec/Home/Index>
- 6 <https://hotelfootprints.org>
- 7 <https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-98>
- 8 <https://www.govinfo.gov/content/pkg/FR-2009-10-30/pdf/E9-23315.pdf>
- 9
- # <https://www.epa.gov/egrid/power-profiler/>
- #
- #
- # <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockey=P101CUU6.pdf>
- # <https://www.google.com/travel/flights>
- #
- # <https://www.epa.gov/system/files/documents/2022-12/420r22029.pdf>
- # <https://www.ftwa.dot.gov/policyinformation/statistics/2020/vm1.cfm>
- #
- # <https://sustainabletechnologies.ca/app/uploads/2013/01/SAEGC-FINAL-2010.pdf>
- # <https://sustainabletechnologies.ca/app/uploads/2013/01/SAEGC-FINAL-2010.pdf>