

# Webinar Demonstration



## 2024 SmartWay Online Truck Tool (2023 Data Year)



Joshua Silverblatt, US EPA  
January 17, 2024







**Example ABC Trucking, Inc.**  
**Welcome to the SmartWay Online Truck Tool for All Carriers**  
Submit your annual SmartWay information here.

# Covered Today

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-  SmartWay Background
-  Key Points to remember when filling out your Tool
-  Live Demonstration
  - (1) Data collection requirements
  - (2) Data entry & Tool submission to EPA
  - (3) How to view results & summary reports
-  Q & A

# SmartWay Basics: What and Why?



EPA launched SmartWay in 2004 as a voluntary market-based program with the following goals:

- Improve U.S. freight efficiency and reduce costs
- Highlight industry best practices to reduce emissions
- Provide a standardized benchmarking and emissions reporting system



SmartWay is an integrated system: Covers all domestic modes including truck, rail, air, and barge, as well as 3<sup>rd</sup> Party Logistics and Shipper companies

SmartWay has been adopted by Canada and replicated by other countries around the globe

Currently nearly 4,000 companies and organizations participate in SmartWay

Saved **\$52 billion** in fuel costs; **379 million** barrels of oil; and **162 million tons** of emissions

# Why do Carriers Need Clean Supply Chains?



- 🌿 **Simple Math:** Fuel Used = Emissions Produced = \$\$\$ Lost
- 🌿 Companies that are clean, are also efficient and efficient companies prosper and grow
- 🌿 **Competitive Edge:** Carriers can offer their shipper customers a way to improve and highlight environmental responsibility
- 🌿 They care about the communities they serve
- 🌿 **Visibility:** Gives carriers another way to 'stand out'



# Tool Development Timeline



- 🌿 Program launch: 2004
- 🌿 SmartWay 2.0 Tools (Excel): 2008
- 🌿 SmartWay 3.0 Tools (Online)
  - Online Truck Tool: 2020
  - Online Shipper Tool: 2021
  - Online Logistics Tool: 2022



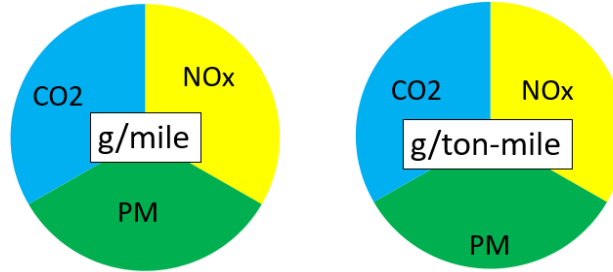
# SmartWay System Core Functionality



Carriers Submit Data in SmartWay Tools



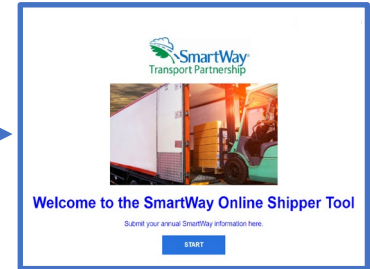
SmartWay QA/QCs the Data & Creates Metrics



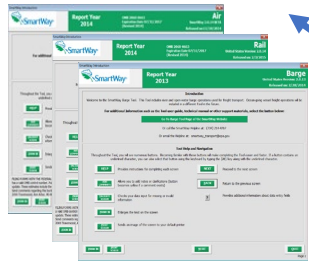
SmartWay's Current 6 Emission Metrics

Pollutants		Metrics	
CO2	Carbon Dioxide: a surrogate for fuel efficiency and global warming	Grams per Mile	Amount of pollution produced for every mile travelled
NOx	Oxides of Nitrogen: known for creating smog, a concern for local areas	Grams per Ton-mile	Amount of pollution produced for every ton that travels one mile, usually the best metric to use
PM	Particulate Matter: known for creating black soot, a concern for local areas		

Common Metrics Accessed by Customers



Used in Global & Other National Reporting Systems



Feedback Mechanism


# Changes due to going Online




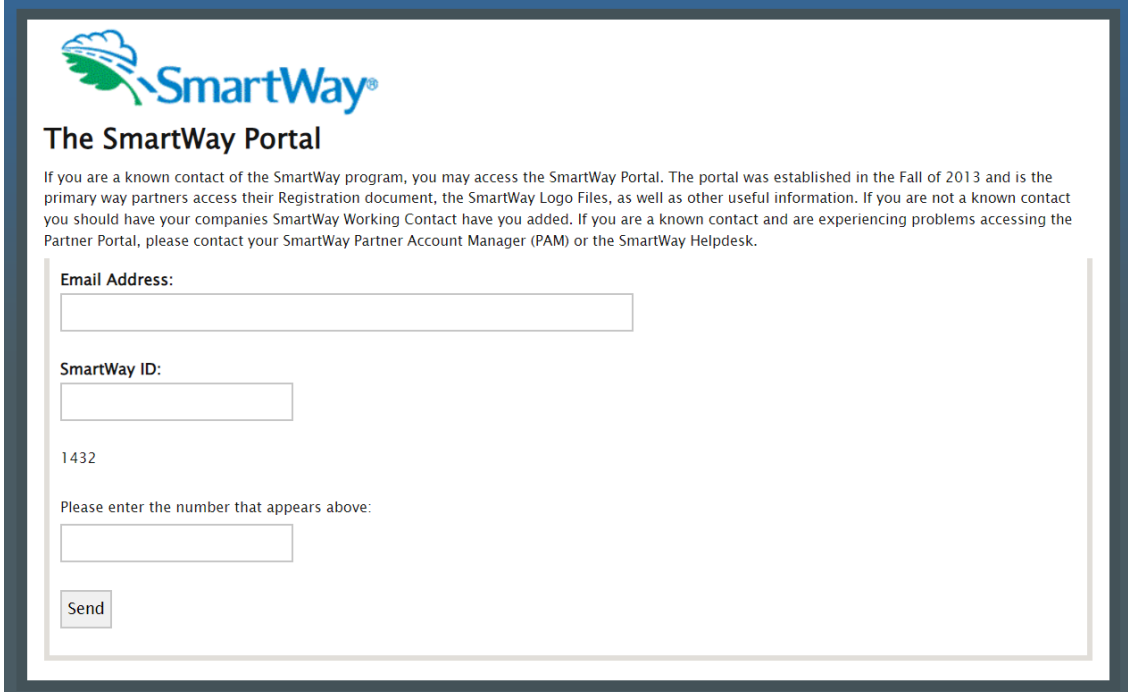
- 🌿 Submit online, not via email
- 🌿 Submit via PC, Mac, or large screen tablet device
- 🌿 Use any major web browser
- 🌿 Saves data in your SmartWay partner portal
- 🌿 Updates to Tools are applied instantaneously
- 🌿 Updates to Tools applied instantaneously
- 🌿 More auto-populate options
- 🌿 Real-time information on your carrier submittal status
- 🌿 Easier data management
- 🌿 Better Navigation
- 🌿 Scalable to your screen size


# Getting Started



 Log into your SmartWay partner portal by entering your SmartWay ID at: <https://app4.erg.com/smartwayweb/portal/Login.cfm>

 If you don't receive a login, then your email may be blocking our database messages so ask your PAM for a login.

A screenshot of the SmartWay Portal login page. At the top left is the SmartWay logo. Below it is the heading "The SmartWay Portal". A paragraph of text explains the portal's purpose and provides instructions for users. Below the text is a login form with three input fields: "Email Address:", "SmartWay ID:", and a field for a verification number. A "Send" button is located at the bottom of the form.

  
**The SmartWay Portal**

If you are a known contact of the SmartWay program, you may access the SmartWay Portal. The portal was established in the Fall of 2013 and is the primary way partners access their Registration document, the SmartWay Logo Files, as well as other useful information. If you are not a known contact you should have your company's SmartWay Working Contact have you added. If you are a known contact and are experiencing problems accessing the Partner Portal, please contact your SmartWay Partner Account Manager (PAM) or the SmartWay Helpdesk.

Email Address:

SmartWay ID:

1432

Please enter the number that appears above:



# SmartWay Portal



## The SmartWay Portal

The SmartWay Portal is a resource for SmartWay Partners and eligible companies that are interested in partnering up with SmartWay. The portal options that are listed below reflect what type of partner, prospect, or applicant you are (e.g., a Truck Carrier), as well as whether you are working with the US Environment Protection Agency or Natural Resources Canada. For example, partners can use this portal to obtain their SmartWay Registration document and SmartWay Logo files. If you have any questions, please contact your SmartWay Partner Account Manager or SmartWay recruiter.

You are designated as a Truck Carrier Partner. Your carrier modes and current status are shown below, including your current reporting status. It is important that you submit tools on time and that you do not accidentally re-submit an already approved tool. If you have any questions or concerns, please contact your Partner Account Manager (PAM).

▼ Your Status

Mode / Tool	Current Status	Current Status Details	Next Action
Truck	Tool is Due	Please submit a tool by April 3, 2024. Contact your PAM if you no longer utilize Truck carriers.	A new tool was made available on January 10, 2024. You need to use this tool to report activity data that occurred in calendar year 2023. The due date for submitting this tool is April 3, 2024.

► Online Truck Tool SHORT FORM – Data Year 2023

▼ Online Truck Tool for ALL CARRIERS – Data Year 2023

The Online Truck Tool for All Carriers may be used by any SmartWay Truck Carrier Partner. DO NOT complete more than one version of the Truck Tool.

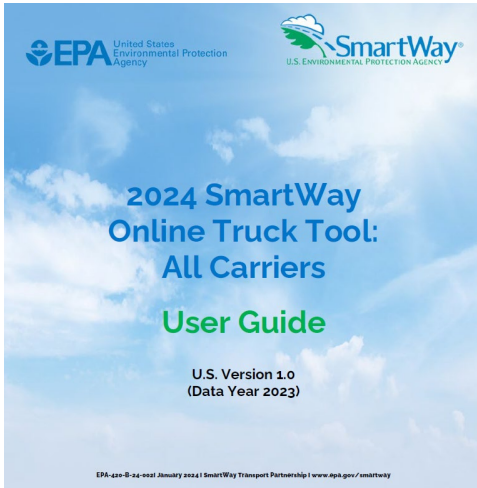
- [Begin now](#)
- [View previous submissions](#)
- [Example Tool](#)
- [Provide Feedback for the Online Truck Tool For All Carriers \(10 question survey\)](#)
- [User Guide for the SmartWay Online Truck Tool for All Carriers](#)
- [Technical Documentation for the SmartWay Online Truck for All Carriers](#)

- Accordion Structure- click to expand
- Registration Doc is under Resources**
- Example Tool (read-only)
- Previous Submissions
- Logo Resources
- Carrier Performance Rankings
- Sample Press Release

▼ Resources

- [Logo Resources](#)
- [Your SmartWay Registration Document](#)
- [Sample SmartWay Partner Press Release \(docx\)](#)
- [Animated Tractor Trailer Logo Usage Instruction \(pptx\)](#)
- [Data year 2022 – Carrier Performance Rankings](#)

# Additional Help



## The SmartWay Portal

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### ▼ Your Status

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### ► Online Truck Tool SHORT FORM - Data Year 2023

### ▼ Online Truck Tool for ALL CARRIERS - Data Year 2023

The Online Truck Tool for All Carriers may be used by any SmartWay Truck Carrier Partner. **DO NOT** complete more than one version of the Truck Tool.

- [Begin now](#)
- [View previous submissions](#)
- [Example Tool](#)
- [Provide Feedback for the Online Truck Tool For All Carriers \(10 question survey\)](#)
- [User Guide for the SmartWay Online Truck Tool for All Carriers](#)
- [Technical Documentation for the SmartWay Online Truck for All Carriers](#)



User Guide is a step-by-step instruction.



Technical Doc explains all inputs into the tool.








Located in your portal AND on the SmartWay Website



<https://www.epa.gov/smartway/smartway-truck-carrier-partner-resources>

# Completing the Tool: General Dos and Don'ts



-  The Tool generally saves as you proceed, however click Save and Continue to not lose your work on the current page
-  Do not cut and paste into the Tool. Sometimes you can copy unknown code that adversely impacts tool operation
-  Always check your inputs
-  For Company and Contact information, please make sure the information is correct and spelled correctly
-  Take advantage of all the built in QA/QC functions within the Tool

# 12 Months of Data






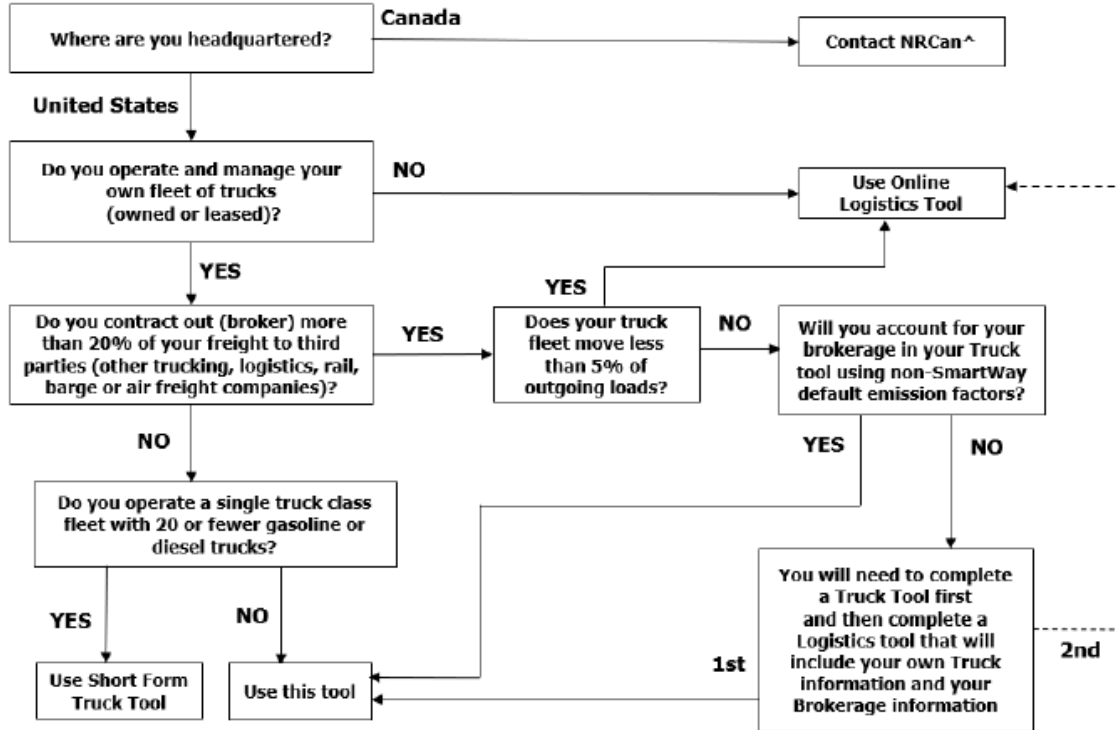
-  Required and Enforced
-  Existing Partners and Existing companies (full Calendar year)
-  Newly formed companies (12 months contiguous data)
-  If you do not have 12 months of data and are required to join SmartWay as a condition of hauling freight- you may request a one-time email from SmartWay indicating you do not have 12 months of data yet, but you intend to submit once you have it.

Figure 1: Tool Selection Diagram



 Make sure you are completing the right SmartWay tool!



<sup>^</sup> [SmartWay.Canada@NRCan-RNCan.gc.ca](mailto:SmartWay.Canada@NRCan-RNCan.gc.ca)

This Guide describes the SmartWay Online Truck Tool for all carriers (referred to as the OTT in this document), which can be used by all SmartWay truck carriers.

# Online Truck Tool: Short Form



- SmartWay has a short form of the Truck Tool built for small carriers with non-complex fleets
- 20 Trucks or less
- Operates only One truck class  
(e.g. only operates class 8B vehicles)
- Only uses diesel or gasoline fuel  
(no alt fuels/EVs)
- Does not broker out loads
- Compatible with mobile phones, tablets, PCs

Welcome to the Online Truck Tool: Short Form  
Data Year: 2023



SmartWay  
Transport Partnership

**Example Trucking Company, Inc.**  
For fleets with 20 or fewer trucks, one class, using diesel or gasoline fuel

**START**

FILING FORMS WITH THE FEDERAL GOVERNMENT AND ESTIMATED REPORTING BURDEN:  
This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2060-0663). Responses to this collection of information are voluntary (Energy Policy Act of 2005, citation 109-58). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information for the average user is estimated to be 1.455 hours for the initial registration, and 0.665 hours for annual updates. Send comments on the agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.



OMB Control No. 2060-0663

# 2024 Online Truck Tool



**\$example ABC Trucking, Inc.**  
Welcome to the SmartWay Online Truck Tool for All Carriers

Submit your annual SmartWay information here.

-  The SmartWay Truck Tool will only be offered Online through the **Partner Portal**
-  No more MS Excel-based Truck Tools

# Live Demonstration of the Example Tool

Available in Partner Portal AND Available at SmartWay website

<https://app4.epa.gov/smartwaytools/1/truck/exampleTool/Welcome.html>

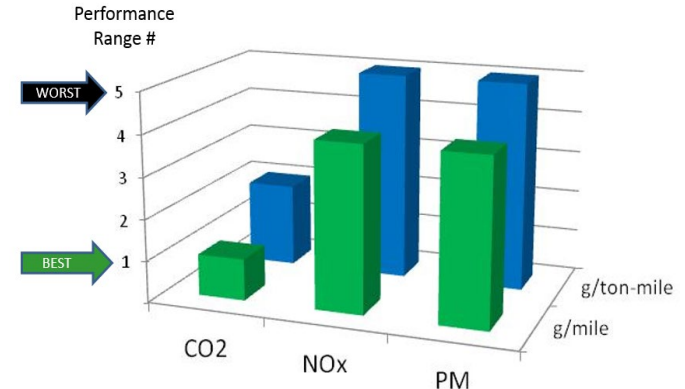
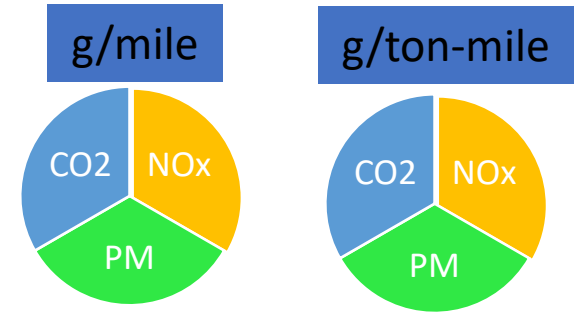


# Demonstration of the Example Tool Concluded

# Performance Rankings



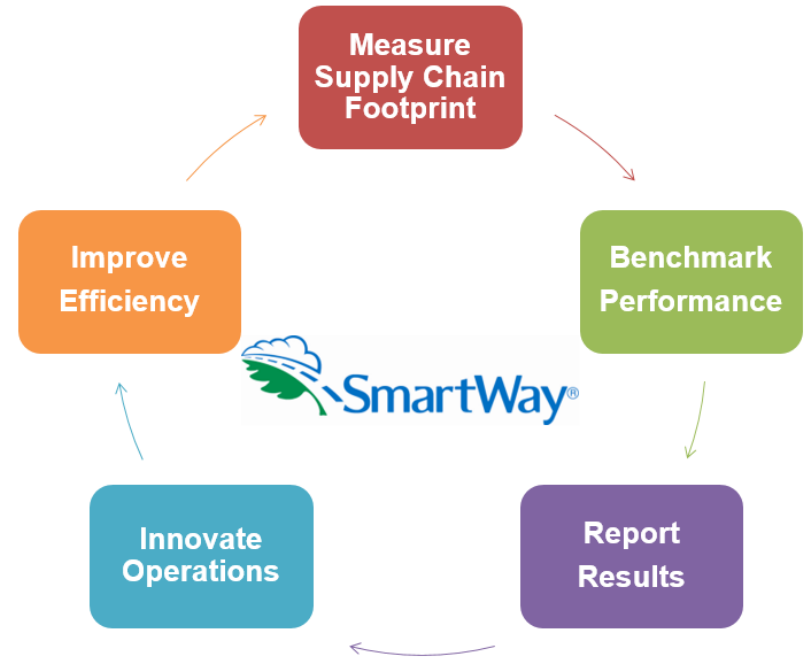
- SmartWay provides **standardized emission results** and relative rankings for all SmartWay carriers at the fleet level
- Carriers are **categorized by type** (such as truckload dry van, flatbed, or tanker) to insure an apples-to-apples comparison.
- Emissions:** CO<sub>2</sub>, NO<sub>x</sub>, and PM
- Metrics:** grams/mile and grams/ton-mile
- Within categories/emissions & metrics carriers are **ranked on a 1-5 scale** (1 being best, i.e. top 20%)



# How Can Carriers Use SmartWay to Reduce their Emissions?



- Use your SmartWay Carrier tool reports to analyze your emissions
- Compare your fleets with each other to spot best practices or find deficiencies
- Distinguish yourself to attract and retain new shippers
- Engage in peer-to-peer learning



# Efficiency Strategies

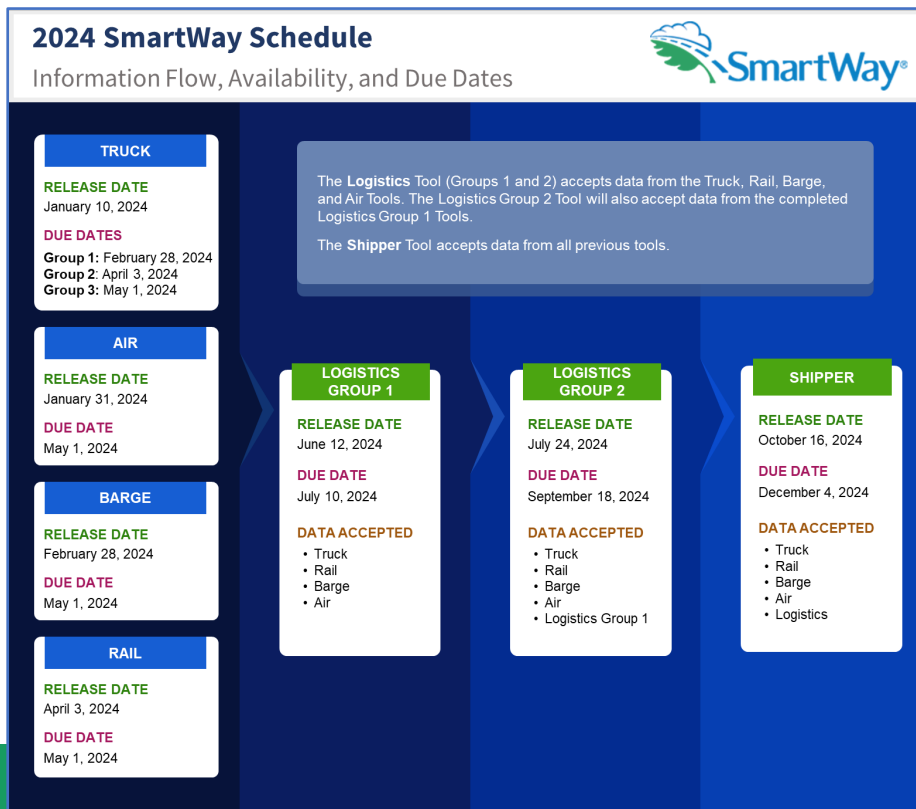


- Improved Aerodynamic
- Idle Reduction
- Tire Inflation System
- Low Rolling Resistance Tires
- Low-Viscosity Lubricants
- Driver Training
- Reduced Highway Speeds
- Weight Reduction



<https://www.epa.gov/smartway/smartway-truck-carrier-partner-resources#improve>

# 2024 SmartWay Tool Schedule



# Questions?

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SmartWay website: <https://www.epa.gov/smartway>  
SmartWay Hotline: 734-214-4767

**THANK YOU for being a SmartWay Partner!**

Contact your PAM with any Questions as you fill out your tool.

