

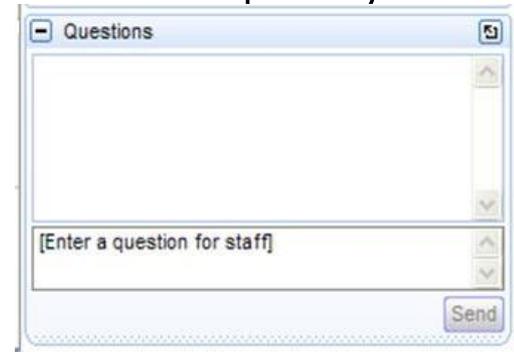
Completing the SmartWay Multimodal Tool

Matt Payne, May 27, 2020



Housekeeping

- Attendees phone lines are muted to preserve audio quality.
- Submit a question via the Questions box on your GoTo control panel. 
- After the presentation, as time permits, our EPA presenters will answer questions submitted via the Questions box.
- Please complete the survey at the end of today's webinar. Your feedback is important to us!



SmartWay

CONTACT US

SHARE



SmartWay Turns 15 Years Old!

For 15 years, our Partners & Affiliates have worked for cleaner, more fuel-efficient freight transportation!

[Learn how!](#)



SmartWay Latest News

- January/February [Affiliate Calendar](#)
- VIDEO: [EPA Congratulates 2018 SmartWay Excellence Award Recipients](#) [EXIT](#)

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Learn about SmartWay



- [Overview of SmartWay](#)
- [Why Freight Matters](#)
- [How SmartWay Advances Sustainable Transportation Supply Chains](#)
- [Sustainability Accounting & Reporting](#)
- [SmartWay Program Successes](#)
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Participate in SmartWay



- [How to Participate in SmartWay](#)
- [How the SmartWay Partnership Works](#)
- Become a SmartWay:
 - [Shipper](#)
 - [Logistics Company](#)
 - [Carrier](#)
 - [Affiliate](#)

Upcoming Webinars & Events

- **February 27, 2019- Education Webinar:** [2019 SmartWay Excellence Award Criteria](#)
- **March 14, 2019- Tool Demo Webinar:** [Advanced Truck Tool Webinar](#)

[View Scheduled Webinars and Past Webinar Recordings](#)

www.epa.gov/smartway



- SmartWay Home
- Learn about SmartWay
- Participate in SmartWay
- Meet the SmartWay Partners and Affiliates
- Use the SmartWay Brand
- Global Collaboration
- SmartWay Latest News
 - Newsroom
 - Webinars/Events**

SmartWay Webinars & Events

EPA hosts **free webinars** to help you learn how to get the most out of the SmartWay Program.



View SmartWay Webinars

- Upcoming Webinars
- Past Webinars** 

Past Webinars: Descriptions, links to webinar recordings, and presentation slides for past webinars are listed below.

[Event Type Legend](#)

Type	Event Name
Freight Matters Webinars	The "Green Supply Chain": A critical assessment of a multimodal, multinational freight supply chain of a Fortune 50 retailer
Tool Demo Webinar	2018 SmartWay Shipper Tool Webinar

www.epa.gov/smartway/smartway-webinars-events#smartway-webinars-past



Matt Payne

Matt has worked at the US EPA for the past 30 years. His academic background consists of Engineering, and Political Science/International Relations degrees from Michigan State University and an MBA and Systems Science degree from the University of Michigan.

Completing the SmartWay Multimodal Tool

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-  Quick Background
-  Where to Start and What's New This Year
-  Key Points to Remember When Filling Out Your Tool
-  Demonstration
-  Questions and Answers

Why Participate



-  Fuel Use = \$\$\$=CO₂
-  SmartWay Shippers prefer SmartWay carriers
-  Internal and external Benchmarking
-  Improvement

History

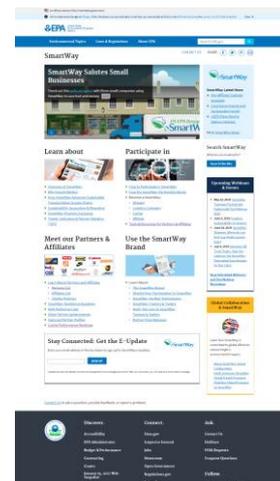
- SmartWay was initiated as a voluntary market based program with members of the U.S. Freight industry in 2001.
 - Improve the efficiency and competitiveness of the freight industry
 - Reduce the release of harmful emissions
 - Reduce American dependence on foreign fuel
 - Improve the reputation of the freight industry
- Meetings and consultations with industry to design the program 2002-2003
- Launched in 2004
- Currently over 3000 Carriers and over 250 Shippers are members of SmartWay.



SmartWay is an Integrated System



- Carrier Data Collection Tools
 - Truck, Logistics, Barge, Rail, Air, **Multimodal Suite**
 - Investigating an online tool platform
- Shipper Tool
 - Calculates carrier emissions from carriers
- SmartWay Process
 - Data collection, processing, QA/QC, benchmarking
 - Produces 6 emission factors for public use
- SmartWay Database
 - Stores and manages all SmartWay data
 - Allows industry benchmarking
- SmartWay Website
 - Contains downloadable versions of all tools, user guides, technical documentation, webinars, program descriptions. <https://www.epa.gov/smartway>
- SmartWay Partner Portal
 - Contains partner specific resources



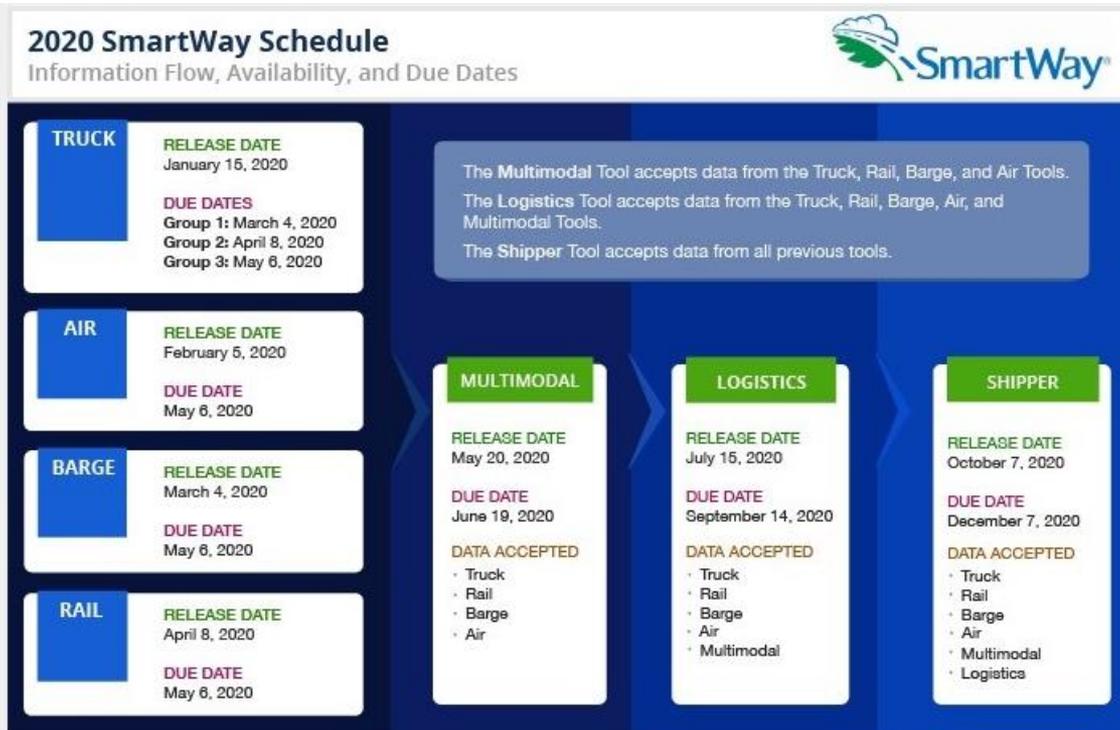
Carrier Categories



2018 SmartWay Carrier Categories and Data Specificity

TRUCK	Dry Van & Chassis	Reefer and Reefer Chassis	Flatbed	Tanker	Heavy & Bulk	Auto Carrier	Moving	Specialized & Utility	Mixed
Dray	Dray 5 Performance Levels								
Truckload	Truckload DryVan 5 Performance Levels	Reefer	Flatbed	Tanker	Heavy & Bulk	Auto Carrier	Moving	Specialized & Utility	Mixed
Expedited	Expedited 5 Performance Levels	5 Performance Levels	5 Performance Levels	5 Performance Levels	5 Performance Levels	5 Performance Levels	5 Performance Levels	5 Performance Levels	5 Performance Levels
LTL	LTL 5 Performance Levels	Performance Levels	Performance Levels	Performance Levels	Performance Levels	Performance Levels	Performance Levels	Performance Levels	Performance Levels
Package	Package Delivery 5 Performance Levels								
Mixed	Mixed								Less than 75% in any category
Rail	Single Modal Average for All Rail (No company differentiation allowed per Association of American Railroads)								
Barge	Company Specific Data								
Air	To be Determined (most will be included in MM company composite fleets)								
Logistics	5 Performance Levels								
Multimodal	Emission Factor Data Only (No 5 Performance Level Ranking)								
Marine	To Be Determined								

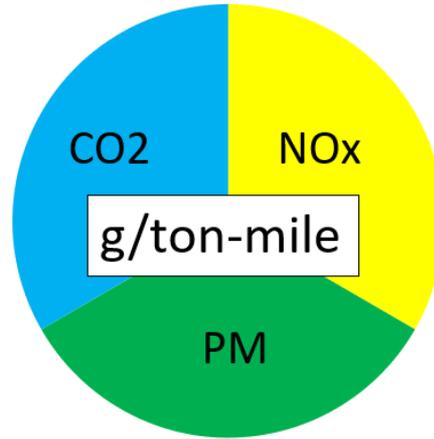
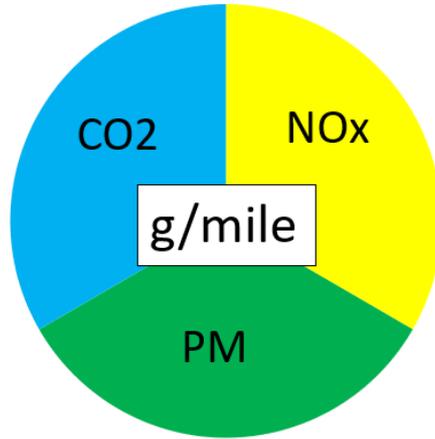
Due Dates



Make sure to keep your SmartWay contacts up-to-date so you don't miss any deadlines!

Only partners that submit **on time** will be considered for the SmartWay Annual Award!

SmartWay's 6 Public Emission Metrics



		g/mile Amount of pollution for every mile travelled	g/ton-mile Amount of pollution for every ton that travels one mile
CO2	A surrogate for fuel efficiency and global warming	Based on miles, fuel used	Based on miles, fuel used, average payload
NOx & PM	Essentially smog and soot, a health concern for drivers and people living near heavy truck traffic (rest stops and truck routes)	Based on age of trucks, class/size of trucks, highway versus urban driving, speed of urban driving, idling, and aftertreatment devices	Based on age of trucks, class/size of trucks, highway versus urban driving, speed of urban driving, idling, and aftertreatment devices, average payload

SmartWay Performance Report (Public Data)



Performance Rankings

TRUCKLOAD DRYVAN FLEETS

Click down arrows to filter data by column categories. Select one or more items in the dropdown checklists.

To search by name, SCAC or MCN, click CTRL + F to bring up the search dialog box, then type in the 4 letter SCAC , the 8 digit MCN, or all or part of the company name.

Performance Ranking=midpoint of the performance range for the metric

OLD DATA

Note: gm=grams/mile and gtm=g/ton-mile

						Performance Rankings and Emission Factors											
						Grams per Mile						Grams per Ton-Mile					
CompanyDivisionName	Mode	SubMode	Fleet Type	SCAC	MCN	g/mile	g/mile	g/mile	g/mile	g/mile	g/mile	g/tm	g/tm	g/tm	g/tm	g/tm	g/tm
						CO2	CO2	NOx	NOx	PM Ra	PM	CO2	CO2	NOx	NOx	PM	PM
101 Transport, Inc.	Truck	TL/Dry Van	For-Hire	OZOT	MC625894	2	1560	3	5.9	5	0.086	1	74	3	0.375	5	0.008
1541335 Ontario Inc./Road Link Xpress	Truck	TL/Dry Van	For-Hire	ROAD	MCN/A	5	1800	3	5.9	5	0.086	2	84	2	0.225	4	0.006
1st Express Inc.	Truck	TL/Dry Van	For-Hire	FSEP	MC181440	2	1560	3	5.9	5	0.086	2	84	2	0.225	4	0.006
3NT, LLC.	Truck	TL/Dry Van	For-Hire	THLL	MC716290	2	1560	1	0.9	1	0.006	1	74	1	0.075	1	0
5/D Express, Inc.: 5/D Express,Inc	Truck	TL/Dry Van	For-Hire	FDRP	MC488737	3	1640	3	5.9	5	0.086	1	74	2	0.225	3	0.004
A&M Transport, Inc.: Dry Van Fleet	Truck	TL/Dry Van	For-Hire	ALKM	MC217072	4	1720	4	8.4	5	0.086	2	84	3	0.375	4	0.006
A&S Services Group, LLC	Truck	TL/Dry Van	For-Hire	ANSW	MC164166	2	1560	2	3.4	2	0.026	4	104	2	0.225	2	0.002
A.C. Trucking, Inc.: 12073707	Truck	TL/Dry Van	For-Hire	AKGM	MC196190	3	1640	3	5.9	2	0.026	1	74	3	0.375	2	0.002
A.D. Transport Express, Inc.	Truck	TL/Dry Van	For-Hire	ADXR	MC195625	1	1480	2	3.4	2	0.026	5	114	3	0.375	2	0.002
A.N. Webber, Inc.	Truck	TL/Dry Van	For-Hire	WANQ	MC147008	3	1640	2	3.4	2	0.026	3	94	2	0.225	2	0.002
A/T Transportation, LLC.	Truck	TL/Dry Van	For-Hire	AUCR	MCN/A	4	1720	2	3.4	3	0.046	2	84	2	0.225	2	0.002
Abilene Motor Express	Truck	TL/Dry Van	For-Hire	AEQC	MC194957	3	1640	3	5.9	4	0.066	3	94	2	0.225	3	0.004
AC Leasing Company Inc.	Truck	TL/Dry Van	For-Hire	ACWH	MC156691	3	1640	4	8.4	5	0.086	1	74	3	0.375	5	0.008
Adams Motor Express, Inc.	Truck	TL/Dry Van	For-Hire	ADXI	MC210014	3	1640	2	3.4	5	0.086	5	114	2	0.225	4	0.006
Aerodyne Transportation, LLC	Truck	TL/Dry Van	For-Hire	LDWY	MC161864	1	1480	1	0.9	2	0.026	1	74	1	0.075	1	0
Air Capitol Delivery & Warehouse LLC	Truck	TL/Dry Van	For-Hire	AQIR	MC389874	2	1560	2	3.4	5	0.086	3	94	2	0.225	5	0.008
Air-Land Transport Services, Inc.	Truck	TL/Dry Van	For-Hire	APVC	MC172878	1	1480	1	0.9	1	0.006	2	84	1	0.075	1	0
Alabama Motor Express, Inc.	Truck	TL/Dry Van	For-Hire	ABXN	MC325932	3	1640	1	0.9	1	0.006	3	94	1	0.075	1	0
Alan Ritchey Inc.: US Mail	Truck	TL/Dry Van	For-Hire	RIAL	MC172924	1	1480	2	3.4	2	0.026	1	74	2	0.225	2	0.002

<https://www.epa.gov/smartway/smartway-carrier-performance-ranking>

Continuous Improvement



-  Quick Background
-  **What's New This Year**
-  Key Points to Remember When Filling Out Your Tool
-  Demonstration
-  Questions and Answers

Where to Start and What's New This Year?



The tool, an Example Tool, User Guides, Technical Documentation, and the “What’s New” Document are available on the SmartWay Multimodal web page at:
<https://www.epa.gov/smartway/smartway-multimodal-carrier-tools-and-resources>

What's New

- 🌿 For Truck Fleets
 - No volumetric inputs
 - No Ozone Transport Commission reporting section
- 🌿 For Logistics Fleets
 - No significant changes
- 🌿 For Barge & Rail Fleets
 - No significant changes

-  Quick Background
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Key Points to Remember

When Completing the Multimodal Tool



-  The reason the **Multimodal Suite** exists is because you have **different fleet types** that are **combined** to provide service to your customers.

-  **Example 1: Not Multimodal for SmartWay**
 - Company X has a truck fleet and a logistics fleet. Customers hire either the truck fleet or the logistics fleet. Company X can submit a Truck Tool and a Logistics Tool.

-  **Example 2: Multimodal for SmartWay**
 - Company Y has a truck fleet and a logistics fleet. Customers hire Company Y and don't know whether they are getting Company Y's truck or logistics fleet. Company Y must submit a multi-modal tool.

-  **Example 3: Multimodal for SmartWay**
 - Company Z has a several truck fleets, a logistics operation, and hires rail and air service. They offer two service offerings to their customers: expedited which is composed of air and some truck and some logistics fleets, and standard which includes rail, and some truck and logistics. Company Z should submit a multi-modal tool.

Key Points to Remember

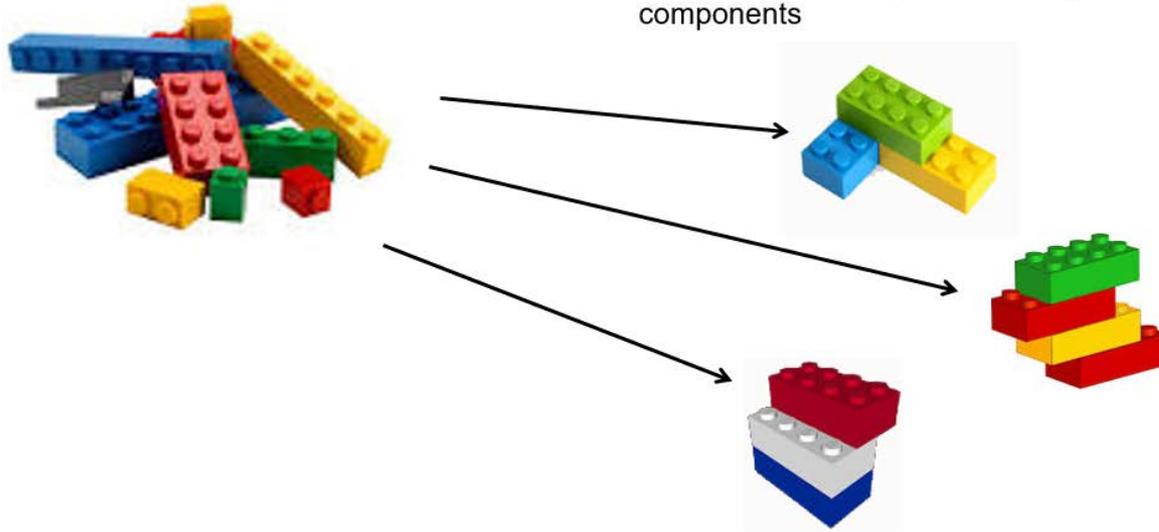
When Completing the Multimodal Tool

Component Fleets

- Internal to your company
- Invisible to outsiders

Composite Fleets

- What people who hire you see
- Often composed of parts of component fleets
- You build your composite out of your components



Key Points to Remember

When Completing the Multimodal Tool



- 🌿 Only complete the Rail, Barge or Air Tool in MM if you **own/control the** vehicles and move the freight yourself
 - The majority of companies will simply put their hired rail, barge and air freight in a logistics tool like last year.
- 🌿 Include your U.S. and Canadian freight
 - Canada is participating in SmartWay and has a Canadian version of the program/tools identical to the US. (except in metric and French)
 - Partners submit only one tool to the US or Canada (Unless you want two distinct companies listed. E.g. ABC, ABC Canada)
- 🌿 Note that Barge is providing actual emission data, truck is providing data in 1 of 5 ranges, and rail is only providing a rail industry modal average.
- 🌿 Just because you complete a Multimodal tool does not mean your composite fleets will be labeled Multimodal in the carrier data file!
 - For example: If one of your composite fleets is over 91% truck (less than 10% other modes) it will be classified as a Truck fleet and not a Multi Modal fleet.

Please...

- 🌱 Pay attention to SmartWay emails.
- 🌱 Make sure your email filters don't treat our emails like spam.
- 🌱 Have a current SmartWay contact in your organization and ensure continuity of operations if you leave your position.
- 🌱 Have a backup person in your organization in the event you leave or are promoted.
- 🌱 Save your SmartWay work in a designated folder, preferably on a share drive and/or have a backup.
- 🌱 Save your work often, --for extra safety under version names
- 🌱 Use SmartWay for benchmarking and Improvement.
- 🌱 Please send BOTH .xlsm and .xml files to your Partner Account Manager if you can
- 🌱 If you have a question- don't hesitate: ask your Partner Account Manager.
- 🌱 Know who your Partner Account Manager is!



-  Quick Background
-  What's New This Year
-  Key Points to Remember When Filling Out Your Tool
-  **Demonstration**
-  Questions and Answers

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