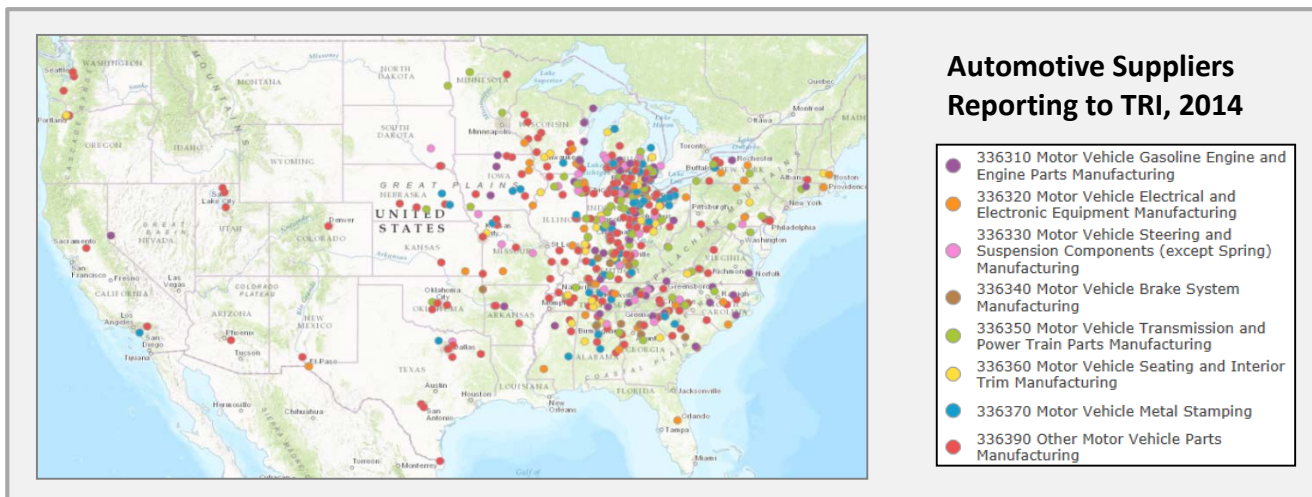


When looking for opportunities for environmental improvement, it is essential to look at the entire supply chain. *The State of Green Business 2016* estimated that the majority of environmental impacts for 17 of 19 industry sectors analyzed come from their supply chains¹.

Facilities throughout manufacturing supply chains report information on their chemical releases and their pollution prevention activities to EPA'S Toxics Release Inventory (TRI). For most sectors, suppliers are in many different subsectors. However, the Motor Vehicle Parts Manufacturing sector (NAICS code 3363) is a supplier subsector identified by specific NAICS codes which provides a unique opportunity to look at how automotive suppliers implement pollution prevention (P2) and reduce waste. A map of the facilities in the automotive supplier sector that reported to TRI in 2014 is below, with each subsector's NAICS code in the legend.



TRI's Pollution Prevention (P2) Search Tool is one source of information to identify how facilities work with their suppliers and how suppliers work with their customers to achieve environmental improvement. Facilities that report to TRI can provide optional descriptive information on their progress in implementing activities that prevent pollution. Within the P2 Tool, you can find text entries that include insight as to how suppliers work with facilities to make effective advancements or how their activities are tied to customer specifications.

To identify supply-chain related entries in the P2 Search Tool, use keyword search terms such as vendor, customer, or supplier. Instructions for conducting a supply-chain related search are shown below.

How to Find Automotive Supplier-Related Activities in the TRI P2 Search Tool

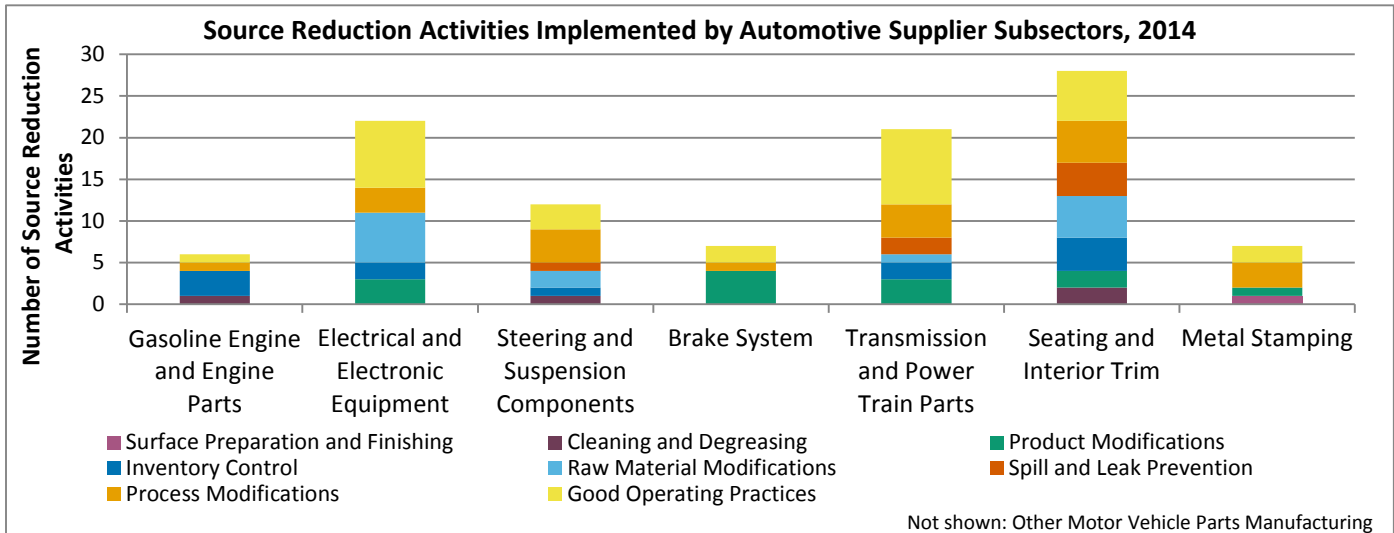
1. **Go to** the TRI Pollution Prevention (P2) Search tool: www.epa.gov/enviro/facts/tri/p2.html
2. **Select** motor vehicle parts industry subsector(s) and/or chemical(s) of interest
3. **Click Show P2 Activities**
4. **Filter** the results table by entering a supplier-related search term in the *Search Results* box such as “vendor”, “supplier”, or “customer”
5. **View** the text entries in the *Pollution Prevention Information* column of the table
6. **Export** the resulting table to more easily review by clicking on the *Excel* button.
7. **Learn** more about any facility by clicking on the *P2 Details* button to view its P2 Profile

Copy CSV Excel PDF Print



Examples of Pollution Prevention in the Automotive Supply Chain

The following graph shows that automotive suppliers reported implementing over 200 new source reduction activities in 2014. Many of these facilities also provided descriptive information about their pollution prevention efforts. Samples of the types of entries you can find in the TRI P2 Search tool are listed below.



Examples of Pollution Prevention Activities Initiated by Automotive Suppliers

- “Completed change over to a powder coat paint system.” *Motor Vehicle Metal Stamping*, [Camaco Columbus Manufacturing](#)
- “Re-formulating purge solvent to contain 20% xylene and replace with a non-HAP solvent.” *Other Motor Vehicle Parts Manufacturing*, [Master Guard Corp](#)
- “We are switching away from the use of Nitric acid for surface preparation in our surface treatment process to a new process chemistry using a different acid.... The change was the directive of our parent company.” *Other Motor Vehicle Parts Manufacturing*, [Denso Manufacturing Michigan Inc](#)

Example of Supplier-Customer Collaboration to Find Greener Solutions

- “Working with customer to eliminate dip solder process and utilize only mechanical joint” *Motor Vehicle Electrical and Electronic Equipment Manufacturing*, [Heale Manufacturing Co Inc](#)

Example of Suppliers’ Dependency on Customer Specifications

- “We will continue to make recommendations to our customers to reduce excess material and provide alternative material suggestions, but the decision is ultimately up to them.” *Motor Vehicle Transmission and Power Train Parts Manufacturing*, [Team-Industries Cambridge](#)

Ideas for using TRI P2 data for increasing supply chain sustainability

- Work with your suppliers to develop greener products or processes;
- Request green products from your suppliers;
- Test new parts or chemicals;
- Research and benchmark your suppliers; or
- Learn about what other suppliers are doing.

¹<https://www.greenbiz.com/report/state-green-business-report-2016>