Next Generation Hydrogen Station Composite Data Products: Retail Stations Hydrogen Quality Data

Selected from the National Renewable Energy Laboratory

https://www.nrel.gov/hydrogen/hydrogen-infrastructure-analysis.html

NREL Composite Data Products (CDP) Background

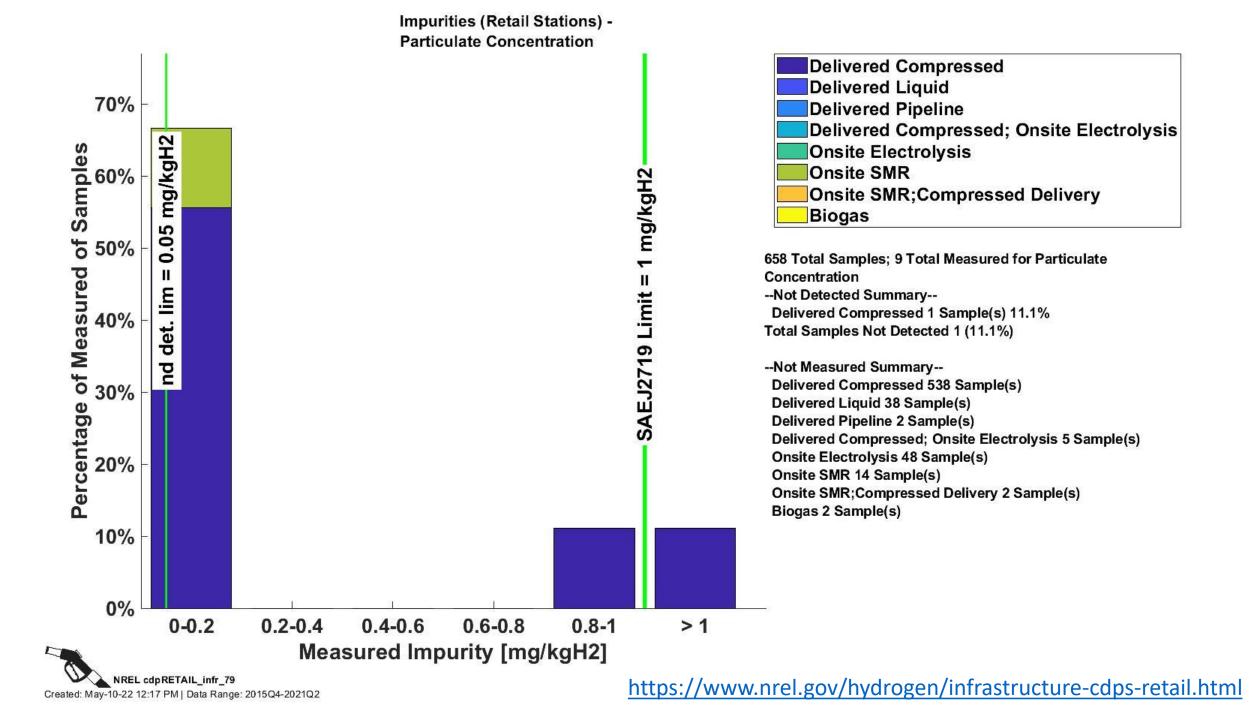
Hydrogen Fueling Infrastructure Analysis

NREL's technology validation team is analyzing the availability and performance of existing hydrogen fueling stations, benchmarking the current status, and providing feedback related to capacity, utilization, station build time, maintenance, fueling, and geographic coverage.

As the market grows for hydrogen fuel cell electric vehicles, so does the need for a comprehensive hydrogen fueling infrastructure.

Participating partners from the U.S. hydrogen fueling station industry share raw data with NREL via the <u>National Fuel Cell Technology Evaluation Center</u>. NREL engineers perform uniform analyses on the detailed data and then report on their findings. While the raw data are secured by NREL to protect proprietary information, individualized data analysis results are provided as detailed data products to the partners who supplied the data. The analysis results are also aggregated into publicly available composite data products (CDPs) that show the status and progress of the technology, but don't identify individual companies.

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Impurities (Retail Stations) - Water

