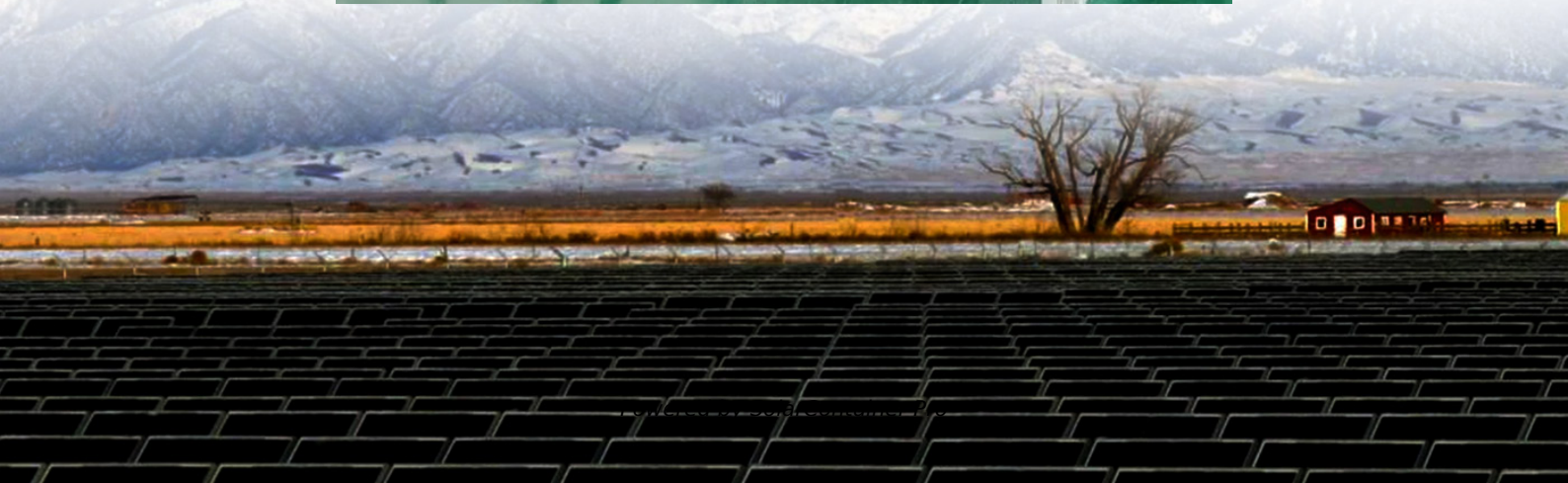


# **How many hydrogen energy base stations are there in the country**





## Overview

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The U.S. hydrogen fueling landscape is pretty sparse, with just 74 stations nationwide. California, naturally, hogs most of them – 54 retail locations. The rest?

Scattered like breadcrumbs across seven states, with Hawaii managing two stations and others settling for one each. Which countries have the most hydrogen stations?

(Image: H2stations.org) Asia leads by a wide margin, boasting 748 active stations. China accounts for the largest share at 384, followed by South Korea with 198 and Japan at 161. Notably, South Korea added 25 stations – its third consecutive year at that pace – reinforcing its position as a major hydrogen hub.

How many hydrogen stations are there?

According to the database, more than 800 hydrogen stations have been deployed globally so far. The number of hydrogen stations is rapidly growing, and this will always be reflected in the database, which is regularly updated. The hydrogen station deployments are the harbinger of an upcoming hydrogen economy.

How many hydrogen refuelling stations are there in the world?

By far the largest number, 74, were in California. The first hydrogen refuelling stations have been opened in the capitals of Bulgaria and Slovakia. New to the list of countries with operational hydrogen refuelling stations is New Zealand. The world's 1,160 hydrogen refuelling stations could soon be joined by more.

Where are hydrogen stations deployed?

There have been a limited number of hydrogen station deployments in the Middle East and Africa. In the U.S., the only state with significant hydrogen station deployments is California. Hydrogen stations have also been deployed in Ohio and a few other states. In addition, there have been a limited number



of deployments in Latin America.

Which country has the most hydrogen refueling stations?

A paid subscription is required for full access. China has the greatest number of hydrogen fuel stations of any country worldwide. As of August 2024, there were 226 operational hydrogen refueling stations in the country. This was followed by South Korea and Japan.

How do I find a number of hydrogen stations?

Roll over a state on the map for count of hydrogen stations. To map hydrogen stations near a specific address or city, use the Alternative Fueling Station Locator. For station counts and historical information, see Station Counts by State. Find maps and charts showing transportation data and trends related to alternative fuels and vehicles.



## How many hydrogen energy base stations are there in the country

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### [Hydrogen Station Database 1Q 2025: China Leads with the](#)

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### [Hydrogen Station Database 1Q 2025: China Leads with the](#)

According to the database, the highest number of hydrogen stations have been built in China, followed by Japan. In the Asia-Pacific region, the deployments in China grew ...

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### **New report: There are now 1,000+ hydrogen refuelling stations ...**

Asia leads by a wide margin, boasting 748 active stations. China accounts for the largest share at 384, followed by South Korea with 198 and Japan at 161. Notably, South ...

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### **Milestone reached: over 1,000 hydrogen refuelling stations in ...**

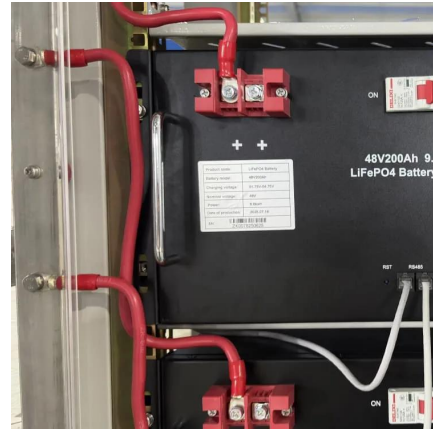
In the USA, nine new stations were opened, but twelve were taken out of operation, reducing the number of hydrogen refuelling stations in





operation to 89. Of these, 74 ...

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### **There are only 1,160 hydrogen refuelling stations worldwide**

However, by the end of 2024 there were only 1,160 hydrogen refuelling stations in operation worldwide. Of these, 748 were in Asia, with China leading the way with 384 stations. ...

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### How Many Hydrogen Fuel Stations Are There in the World?

There are over 400 hydrogen fueling stations globally. Countries like the US, Japan, and Europe have extensive hydrogen station networks. Efforts are ongoing to expand ...

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### The State of Hydrogen Fueling Stations in the U.S.

According to the AFDC's alternative fuel station counts resource, there are currently 74 total hydrogen fueling stations spread across the U.S., the vast majority of which are in ...

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## Hydrogen Station Database 1Q 2025: China Leads with the ...

According to the database, the highest number of hydrogen stations have been built in China, followed by Japan. In the Asia-Pacific region, the deployments in China grew ...

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## Hydrogen Stations France. Map and List

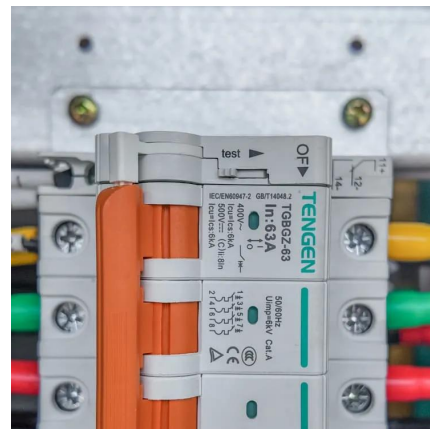
The first hydrogen station in France open to the public was inaugurated in 2015 in the city of Grenoble. This opening marked a milestone in the country's energy transition, promoting the ...

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## U.S. Hydrogen Fueling Stations , H2tools , Hydrogen Tools

Existing and planned hydrogen fueling stations in the U.S. are available to view on a map or download as a spreadsheet from the Alternative Fuels Data Center. The site includes ...

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### **Alternative Fuels Data Center: Alternative Fueling Station Locator**

Alternative Fueling Station Locator Find alternative fueling stations in the United States and Canada. By default, this tool displays only available, publicly accessible stations. You can use ...

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