

are there any hydrogen fuel cell vehicles in New York

Yes, there are hydrogen fuel cell vehicles in New York, but their presence is limited and primarily focused on pilot programs, public transit, and industrial applications rather than widespread consumer adoption.

Public Transit and Pilot Programs

- **Hydrogen Fuel Cell Buses:** In October 2024, Rochester Regional Transit Service rolled out the first two hydrogen fuel cell electric buses in New York State, marking a significant step for hydrogen-powered public transportation in the state^[1]. Additionally, the Metropolitan Transportation Authority (MTA) has initiated a hydrogen fuel cell bus pilot in New York City, though regulatory and infrastructure challenges—such as restrictions on hydrogen storage and transport—currently limit broader deployment^[2].

Industrial and Commercial Use

- **Warehouse and Material Handling:** Hydrogen fuel cell forklifts are actively used in New York's warehouse sector. Companies like The Raymond Corporation (a Toyota subsidiary) operate hydrogen fuel cell test facilities and research centers in upstate New York, supporting the use of hydrogen-powered forklifts and other industrial vehicles^[3].

Light-Duty Passenger Vehicles

- While hydrogen fuel cell vehicles like the Toyota Mirai are available on the market^[4], there is currently no evidence of significant consumer adoption or a robust hydrogen refueling network for passenger cars in New York. The state's infrastructure and market are still developing, with most hydrogen vehicle activity centered around public transit pilots and industrial use.

Policy and Future Plans

- New York has adopted regulations requiring an increasing percentage of zero-emission vehicle (ZEV) sales—including hydrogen fuel cell vehicles—for both trucks and buses starting in 2025, with a goal for all new light-duty vehicle sales to be ZEVs by 2035^[5]. The state is also investing in clean hydrogen research, infrastructure, and demonstration projects to support broader adoption in the future^[6] ^[7].

Summary Table: Hydrogen Fuel Cell Vehicles in New York

Vehicle Type	Current Status in NY
Transit Buses	Active pilots in Rochester and NYC (MTA, Rochester Transit) ^{[2] [1]}
Industrial Vehicles	Widely used in warehouses (forklifts, pallet trucks) ^[3]
Passenger Vehicles	Limited presence; no widespread consumer adoption ^[4]

In summary, hydrogen fuel cell vehicles are present in New York, primarily in public transit pilots and industrial applications, with state policy and funding supporting future expansion and infrastructure development ^{[5] [6] [3] [2] [1] [7]}.

*
**

1. <https://fuelcellsworks.com/2024/10/17/fuel-cells/first-hydrogen-fuel-cell-electric-buses-in-new-york-state-roll-out-in-rochester>
2. <https://goadvancedenergy.com/writing/executive-summary-nyae-25q1-hydrogen-critical-infrastructure>
3. <https://www.hydrogenfuelnews.com/hydrogen-fuel-cells-power-up-new-yorks-warehouse-revolution/8570907/>
4. <https://www.toyota.com/mirai/>
5. <https://afdc.energy.gov/fuels/laws/HY?state=ny>
6. https://www.nyserda.ny.gov/About/Newsroom/2024-Announcements/2024_03_15-Governor-Hochul-Announces-More-Than-16-Million-Now-Available-Clean-Hydrogen
7. <https://www.nyserda.ny.gov/All-Programs/Hydrogen>