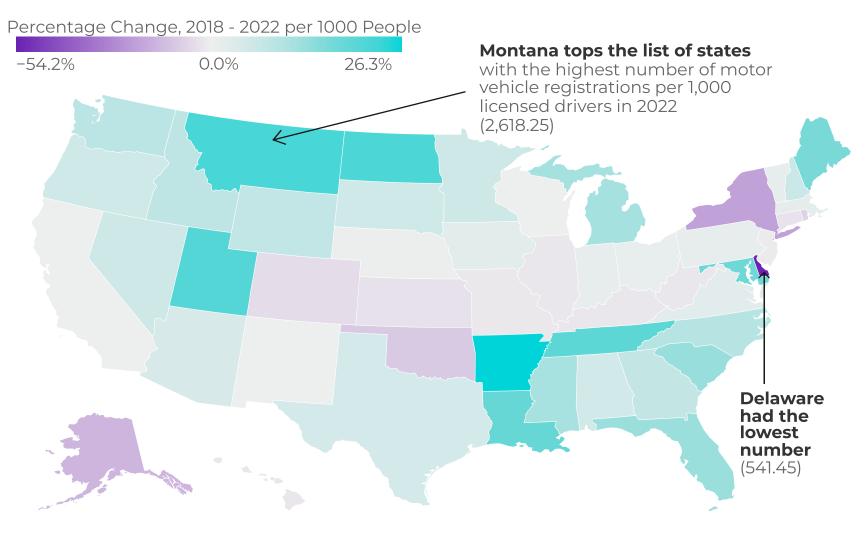
Steady Surge: U.S. Vehicle Registrations Accelerate with a 3.5% Increase from 2018 to 2022...



Note: Percentage Change = (Registered Vehicles per 1000 People in 2022 - Registered Vehicles per 1000 People in 2018) per Registered Vehicles per 1000 People in 2018 * 100

Map:Pranideep·Source:U.S. Department of Transportation Federal Highway Administration

...Yet, amidst this rise in ownership, CO2 emissions from transportation are on a decline...

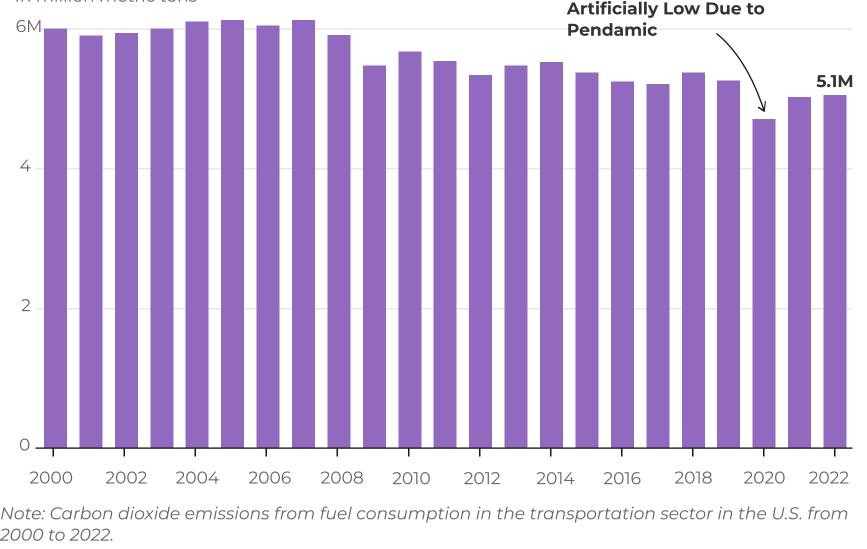


Chart:Pranideep·Source:Global Carbon Budget 2023

In million metric tons

...Due to Increased Fuel Efficiency: witness the acceleration in miles per gallon efficiency over time...

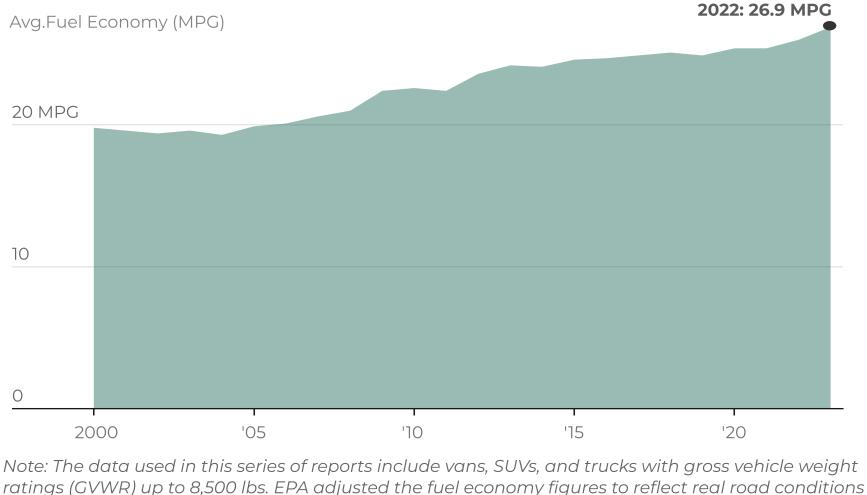


Chart:Pranideep·Source:U.S. Environmental Protection Agency (EPA), Automotive Trends Report (2023)

rather than lab conditions

...because of Automakers Adoption of Fuel-Saving Technologies Across Percentages of Model Lineups.

91%

79%

72%

56%

47%

44%

10%

0%

Chart:Pranideep.Source:Environmental Protection Agency (2022)

37%

53%

5%

80%

26%

Continuously variable transmissions (CVTs).

18%

13%

3%

GM

Honda

Nissan

Hyundai

Stellantis

Toyota

Ford

Kia

Top thirteen largest manufacturers at the time of year of 2022. Automakers use advanced technologies to boost efficiency and meet emissions goals, from

turbocharge	d engines t	o advanced	transmissio	ons.		
	Turbo	Direct Injection	Cylinder Deact.	CVT	7+ Gears	Automatic Start-Stop
Mazda	27%	100%	45%	0%	0%	0%
Mercedes-Benz	94%	100%	8%	0%	100%	77%

Direct Injection	Cylinder Deact.	CVT	7+ Gears	Auton Start-S
100%	45%	0%	0%	0%
100%	8%	0%	100%	77%

9%

61%

87%

2%

1%

42%

36%

23%

74%

12%

92%

45%

46%

96%

38%

38%

75%

0%

83%

50%

45%

21%

19%

24%

	Turbo	Direct Injection	Cylinder Deact.	CVT	7+ Gears	Start-Stop
Mazda	27%	100%	45%	0%	0%	0%
Mercedes-Ben		100%	8%	0%	100%	77%
Cubaru	220/	000/	00/	050/	00/	000/

Mazda	27%	100%	45%	0%	0%	0%
Mercedes-Benz	94%	100%	8%	0%	100%	77%
Subaru	22%	99%	0%	95%	0%	80%
D M M M	000/	000/	00/	00/	0.00/	C / 0/

Mazua	Z/%		100%	45%	0%	0%	U%
Mercedes-Benz 94%		%	100%	8%	0%	100%	77%
Subaru		22%	99%	0%	95%	0%	80%
BMW	99	%	99%	0%	0%	98%	64%

Mercedes-Benz 94%			100%	8%	0%	100%	77%
Subaru	22%		99%	0%	95%	0%	80%
BMW	99%		99%	0%	0%	98%	64%

Mercedes Deriz 5-70		10070	070	0 70	10070	7 7 70
Subaru	22%	99%	0%	95%	0%	80%
BMW	99%	99%	0%	0%	98%	64%
Volkswagen	77%	94%	3%	0%	90%	71%

25%

21%

22%

54%

0%

0%

0%

0%

Note: Turbocharged engines (Turbo), Gasoline direct injection (GDI), Cylinder deactivation (CD),