

U.S. Motor Vehicle Auto Care Industry

The U.S. motor vehicle aftermarket, consisting of light vehicles, and medium and heavy duty trucks, is referred to in this report as the auto care industry. The COVID-19 pandemic caused significant disruptions across society and the aftermarket throughout 2020, resulting in a downturn in both consumer demand and a considerable decrease in vehicle miles traveled. As reported in this section, the Channel Forecast Model estimates the automotive aftermarket to have decreased by 5.3% in 2020, a stronger performance than originally predicted (-8.8%). As with last year's model, a strong recovery is expected in 2021 (+11.2% in 2021, followed by annual growth in the 4-5% range for 2022-2024).

This auto care industry is expected to grow at a compounded annual growth rate (CAGR) of 3.4% per year and reach \$477.6 billion in 2024. Based on currently available data, we expect this growth to be driven by an increasing number of miles driven over the long term, the increasing average age of light vehicles (from 11.9 years in 2020 to 12.1 years in 2021) and the continued high proportion of vehicles in both the four-to-11-year-old category (37.5% in 2020, 40.0% in 2021) and the 12-years-and-older category (44.2% in 2020, 42.8% in 2021). Motorists recognize that vehicles are engineered to last longer and therefore demonstrate a willingness to take advantage of the favorable economies of vehicle maintenance and repair vs. the cost of purchasing new vehicles.

This section of the *Factbook* is intended to help provide further details about the factors influencing the growth of the auto care industry.

Size of the U.S. Motor Vehicle Auto Care Industry

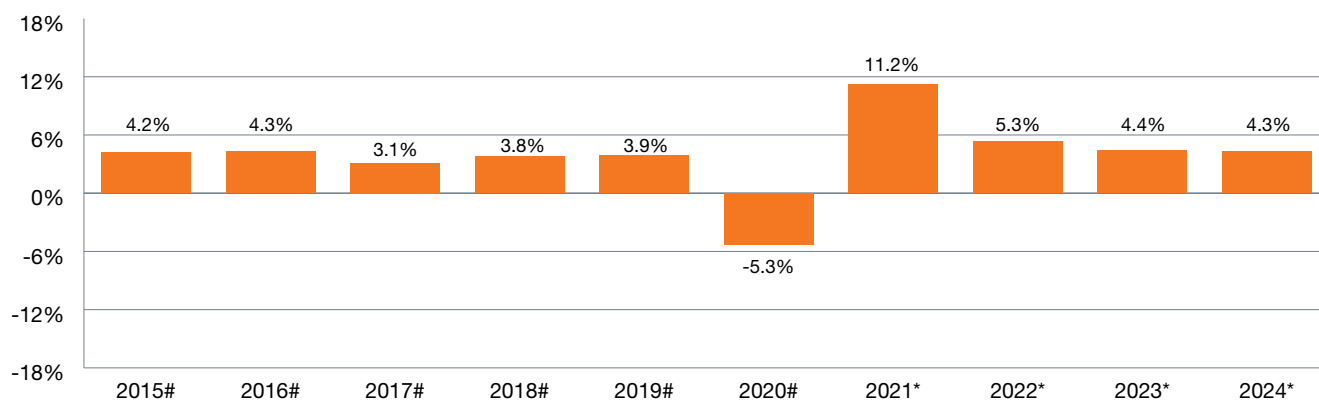
(billions of consumer dollars)

Year	Automotive	Medium and Heavy Duty	Total Aftermarket	Automotive YOY Percent Change	Total Market YOY Percent Change
2012 (Census)	\$238.3	\$78.9	\$317.2		
2013#	\$245.9	\$81.1	\$327.0	3.2%	3.1%
2014#	\$255.0	\$83.5	\$338.5	3.7%	3.5%
2015#	\$265.8	\$85.8	\$351.6	4.2%	3.9%
2016#	\$277.1	\$88.3	\$365.4	4.3%	3.9%
2017#	\$285.8	\$90.8	\$376.6	3.1%	3.1%
2018#	\$296.8	\$93.4	\$390.2	3.8%	3.6%
2019#	\$308.5	\$96.0	\$404.5	3.9%	3.7%
2020#	\$292.1	\$90.9	\$383.0	-5.3%	-5.3%
2021*	\$324.8	\$94.4	\$419.2	11.2%	9.4%
2022*	\$341.8	\$98.0	\$439.8	5.3%	4.9%
2023*	\$356.8	\$101.7	\$458.6	4.4%	9.4%
2024*	\$372.0	\$105.6	\$477.6	4.3%	8.6%
CAGR ('19-'24)	3.8%	1.9%	3.4%		

Notes: # Estimate. * Forecast. Historical data have been revised. Figures do not include warranty work.

Source: Auto Care Association/AASA Channel Forecast Model

Year-Over-Year Growth of the U.S. Automotive Aftermarket (percent change from previous year)



Notes: # Estimate. * Forecast. Historical data have been revised. Figures do not include warranty work.

Source: Auto Care Association/AASA Channel Forecast Model

U.S. Total Motor Vehicle Population

The number of registered motor vehicles in the United States receded by 0.5% to 288.4 million in 2021. Passenger car registrations decreased by 4.0%, while light truck registrations grew by 1.9%. Of the total vehicle fleet, light vehicles account for 279.4 million (97% of the total), while medium and heavy duty truck registrations number 8.9 million, down 0.5% from 2020.

The overall scrappage rate was 5.6% of the overall light vehicle population in 2021 (next page). The trend in aging vehicles since 2002 has continued unabated through 2020. The average age of all light vehicles rose incrementally to 12.1 years in 2021. This may be attributable in part to consumers holding their vehicles longer as they drove less during the pandemic.

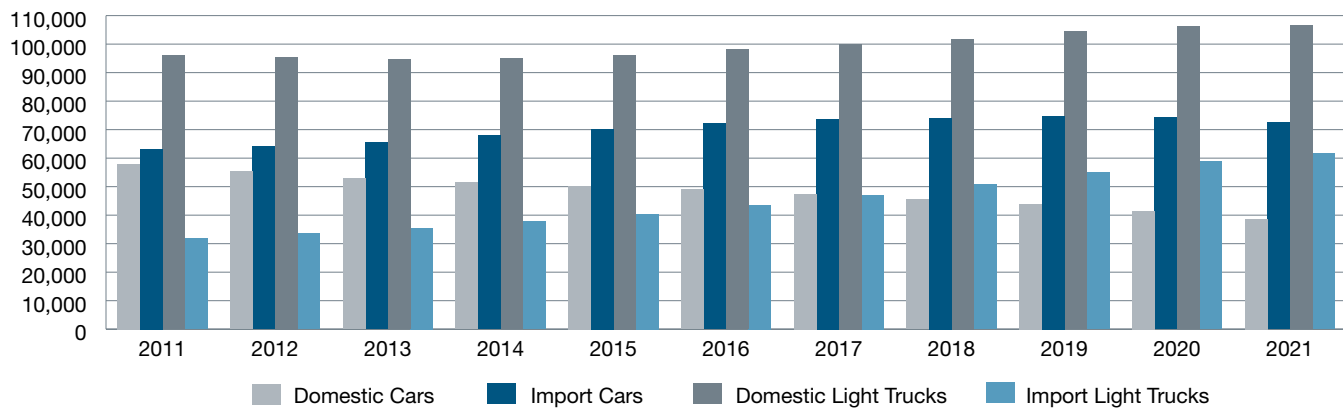
Vehicles 4-to-7-years and 8-to-11-years constitute a higher proportion of the U.S. car parc, growing from 37.4% combined in 2020 to 40.0% in 2021. The 4-to-7-years segment has grown at a five-year compounded annual growth rate (CAGR) of 7.4%. Vehicles 12+ years continue to account for nearly half of U.S. vehicles.

U.S. Motor Vehicle Population (VIO), 2011–2021 (in thousands)

Report Year	Cars				Light Trucks (GVW 1-3)				Light Truck % of Total Light Vehicles	Total Light Vehicles	Medium and Heavy Duty Trucks			Total Vehicles	
	Domestic	Import	Total	% Import	Domestic	Import	Total	% Import			Medium Duty Trucks GVW (4-6)	Heavy Duty Trucks GVW (7-8)	Medium and Heavy Trucks	All Vehicles	% Change from Previous Year
2011	58,012	63,189	121,201	52.1%	96,101	31,899	128,001	24.9%	51.3%	249,308	2,830	4,785	7,615	256,923	0.0%
2012	55,310	64,029	119,339	53.7%	95,472	33,589	129,062	26.0%	51.9%	248,511	2,793	4,692	7,485	255,996	-0.4%
2013	52,837	65,579	118,416	55.4%	94,638	35,433	130,071	27.2%	52.3%	248,600	2,744	4,634	7,378	255,978	0.0%
2014	51,447	67,923	119,369	56.9%	95,051	37,715	132,766	28.4%	52.6%	252,249	2,767	4,811	7,578	259,828	1.5%
2015	50,275	70,192	120,468	58.3%	96,238	40,406	136,644	29.6%	53.1%	257,229	2,838	4,976	7,814	265,043	2.0%
2016	49,063	72,250	121,312	59.6%	98,072	43,578	141,650	30.8%	53.8%	263,082	2,894	5,051	7,945	271,026	2.3%
2017	47,475	73,694	121,169	60.8%	100,042	47,137	147,179	32.0%	54.8%	268,511	2,962	5,165	8,127	276,638	2.1%
2018	45,537	74,136	119,672	61.9%	101,783	50,715	152,498	33.3%	56.0%	272,342	3,023	5,220	8,242	280,584	1.4%
2019	43,871	74,835	118,707	63.0%	104,408	54,952	159,360	34.5%	57.3%	278,244	3,142	5,441	8,583	286,827	2.2%
2020	41,435	74,239	115,675	64.2%	106,241	58,793	165,034	35.6%	58.7%	280,911	3,263	5,732	8,995	289,906	3.3%
2021	38,588	72,412	111,000	65.2%	106,512	61,690	168,203	36.7%	60.2%	279,431	3,294	5,654	8,948	288,379	-0.5%
YOY % Chg.	-6.9%	-2.5%	-4.0%		0.3%	4.9%	1.9%			-0.5%	1.0%	-1.4%	-0.5%	-0.5%	

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U.S. Light Vehicle Population, 2011–2021 (in thousands)



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