

VEHICLE & EQUIPMENT INVENTORY

In a time of rightsized vehicle inventory and extended replacement cycles, what does the average fleet consist of and how long is it keeping its vehicles and equipment? Here, we examine fleet unit breakdown, unit age, replacement cycles, and federal and state unit totals.

From passenger sedans to street sweepers to alternative-fueled units, *GF* breaks down the average fleet. ½-ton pickup trucks are the most common type of units reported, averaging 18 percent of fleet totals. Off-road

equipment are the oldest units (9.7 years), and have the longest replacement cycle (13.6 years).

More than 6 percent of units are reported to run on alternative fuels, nearly one-third of which are administrative vehicles.

Data shows that not only are most small alt-fuel vehicles older than conventional small fleet vehicles, but their replacement cycles are also longer.

*Data from this section may be from previous years' statistics. Information will be updated in the Fleet Toolbox as received.

MEDIAN ROLLING STOCK FLEET SIZE (UNITS)

376 **625** **1,250**
Cities Counties State Agencies



AGE AND REPLACEMENT YEARS BY VEHICLE CATEGORY

Category	Current Age (Years)	Replacement Age (Years)
First Responders	6	9.5
Heavy Vehicles & Equipment	7.8	10.8
Light- & Medium-Duty Vehicles	6.1	9.6
Off-Road Equipment	9.7	13.6

First responder vehicles are the newest units on the road (6 years) and have a replacement cycle of 9.5 years. While police vehicles are replaced with more frequency, fire truck replacement cycles increased the average replacement cycle.

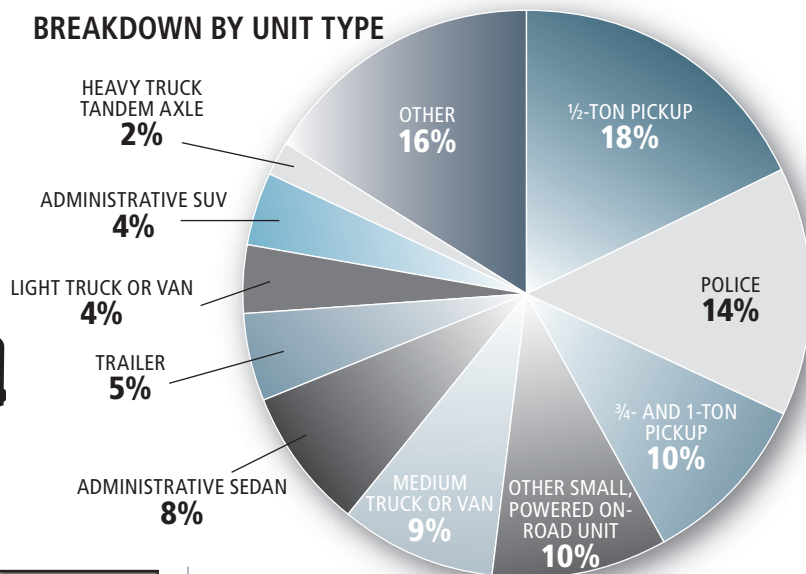
ALT-FUEL UNIT AGE & REPLACEMENT CYCLE

Category	Current Age (Years)	Replacement Age (Years)
First Responders	7	10.8
Heavy Vehicles & Equipment*	6.9	11.6
Light- and Medium-Duty Vehicles	7.1	10.1

Light- and medium-duty alt-fuel vehicles are older and to have a longer replacement cycle than those that run on gasoline or diesel.

*Average may be skewed due to insufficient data.

BREAKDOWN BY UNIT TYPE



Pickup trucks make up the largest percentage of average fleet totals, 28 percent altogether. Police units follow, averaging 14 percent of fleet totals.

*Police vehicle totals may not be representative as some law enforcement agencies maintain their own fleets.

6.3%
Percent of Alt-Fuel Units in Fleets

PERCENT OF ALT-FUEL UNITS BY CATEGORY

Category	Percent Running on Alt-Fuel
First Responders	6%
Heavy Vehicles & Equipment	4%
Light-Duty Vehicles	7%

Administrative vehicles make up 30 percent of alternative-fuel vehicles in the light-duty category. Nearly half of all alt-fuel heavy units are refuse trucks.

AGE AND REPLACEMENT YEARS BY VEHICLE TYPE

Unit Type	Current Age	Replacement Age
½-Ton Pickup	5	9
¾- and 1-Ton Pickup	6	9
Administrative Sedan	6	9
Administrative SUV	5	9
Ambulance	5	9
Culvert Cleaner	5	10
Cutaway Van	5	10
Distributor Truck	9	13
Dozer	13	15
Excavator	6	11
Fire Ladder Truck	9	16
Fire Pumper	11	16
Fire Rescue	6	13
Grader	10	13
Heavy Truck Single Axle	9	12
Heavy Truck Tandem Axle	8	12
Light Truck or Van	7	9
Line Strippers	8	11
Loader	11	13
Loader/Backhoe	9	13
Medium Truck or Van	6	10
Other Off-road	11	16
Other Small Powered On-road	8	11
Plow	10	14
Police Administrative	5	7
Police Marked	3	6
Police Motorcycle	3	6
Police Other	6	10
Police SUV	3	6
Police Truck or Van	7	10
Police Unmarked	5	7
Refuse Truck	6	8
Refuse Truck Commercial	6	8
Refuse Truck Mechanical Side Loader	4	7
Refuse Truck Rear Loader	8	8
Roller	9	13
School Bus	9	13
Skid Steer Loader	7	12
Snow Blower	13	16
Sweeper Air	6	10
Sweeper Mechanical	5	10
Tractor (Agriculture)	9	14
Trailer	11	15
Transit Bus	6	9
Trash Compactor	12	13
Water Truck	10	14

Police vehicles are reported to be the newest vehicles on the road. Snow blowers and dozers are the oldest units, averaging 13 years in age and with replacement cycles of 16 and 15 years, respectively.

STATE-OPERATED VEHICLE TOTALS

State	Total Vehicles	State	Total Vehicles
Alabama	*3,100	Montana	7,409
Alaska	6,893	Nebraska	4,250
Arizona	11,139	Nevada	6,000
Arkansas	7,738	New Hampshire	2,023
California	38,326	New Jersey	13,000
Colorado	5,832	New Mexico	6,500
Connecticut	3,500	New York	*18,708
Delaware	7,022	North Carolina	8,328
District of Columbia	6,956	North Dakota	3,438
Florida	26,089	Ohio	11,812
Georgia	19,773	Oklahoma	8,028
Hawaii	5,000	Oregon	12,000
Idaho	6,163	Pennsylvania	16,186
Illinois	12,100	Rhode Island	2,026
Indiana	10,028	South Carolina	16,506
Iowa	6,807	South Dakota	3,423
Kansas	5,671	Tennessee	7,592
Kentucky	11,374	Texas	28,000
Louisiana	11,818	Utah	7,301
Maine	3,403	Vermont	2,030
Maryland	8,800	Virginia	15,823
Massachusetts	10,072	Washington	11,645
Michigan	12,552	West Virginia	9,500
Minnesota	7,600	Wisconsin	5,737
Mississippi	7,528	Wyoming	8,440
Missouri	10,849	Total Vehicles	501,426

Vehicle counts are collected from 2010 and 2011 data.

*Estimated

Source: Automotive Fleet



For detailed vehicle and equipment information broken out in different segments, check out the Fleet Toolbox website (fleettoolbox.com).

U.S. FEDERAL FLEET - FY-2010 CENSUS

	PASSENGER CARS				TRUCKS				OTHER				
Department or Agency	Owned	GSA	Comm. Leased	Pass. Subtotal	Owned	GSA	Comm. Lease	Truck Subtotal	Owned	GSA	Comm. Leased	Other Subtotal	Total
American Battle Monuments Commission	23	—	—	23	17	—	—	17	—	—	—	—	40
Broadcasting Board of Governors	68	5	7	80	88	2	1	91	10	—	—	10	181
Consumer Product Safety Commission	—	89	2	91	2	4	—	6	—	—	—	—	97
Court Svcs. and Offender Supervision Agcy.	—	25	48	73	—	1	—	1	—	—	—	—	74
Department of Agriculture	10,538	5,083	23	15,644	27,206	2,128	58	29,392	54	20	—	74	45,110
Department of Commerce	530	969	77	1,576	273	549	4	826	1	7	1	9	2,411
Department of Education	—	96	2	98	—	—	—	—	—	1	—	1	99
Department of Energy	742	4,134	83	4,959	3,034	6,611	262	9,907	152	58	32	242	15,108
Department of Health and Human Services	300	2,996	2	3,298	312	622	1	935	8	56	—	64	4,297
Department of Homeland Security	34,828	5,601	35	40,464	12,114	1,873	11	13,998	486	24	—	510	54,972
Department of Housing and Urban Dev.	—	469	4	473	—	3	—	3	—	—	—	—	476
Department of Justice	33,716	1,127	142	34,985	5,716	63	—	5,779	225	13	—	238	41,002
Department of Labor	82	3,018	22	3,122	4	493	6	503	—	279	—	279	3,904
Department of State	6,414	863	173	7,450	4,076	135	3	4,214	120	15	—	135	11,799
Department of the Interior	7,763	4,045	138	11,946	15,853	5,599	67	21,519	256	280	6	542	34,007
Department of Transportation	90	4,171	—	4,261	193	1,705	—	1,898	—	4	—	4	6,163
Department of Treasury	3,212	453	32	3,697	48	32	107	187	—	1	—	1	3,885
Department of Veterans Affairs	2,251	8,638	80	10,969	1,035	1,970	22	3,027	349	344	15	708	14,704
Environmental Protection Agency	24	820	47	891	75	124	15	214	5	—	2	7	1,112
Equal Employment Opportunity Comm.	—	75	1	76	—	—	—	—	—	—	—	—	76
Federal Communications Commission	99	2	11	112	3	1	—	4	—	—	—	—	116
Federal Housing Finance Agency	—	—	5	5	—	—	—	—	—	—	—	—	5
Federal Trade Commission	—	—	3	3	—	—	1	1	—	—	—	—	4
General Services Administration	—	1,138	—	1,138	—	133	—	133	—	2	—	2	1,273
Government Printing Office	5	2	4	11	35	—	1	36	—	—	—	—	47
Library of Congress	—	14	1	15	1	5	1	7	—	2	—	2	24
National Aeronautics and Space Admin.	343	1,298	2	1,643	660	1,334	4	1,998	71	52	—	123	3,764
National Archives & Records Admin.	—	53	—	53	—	22	—	22	—	—	—	—	75
National Gallery of Art	—	2	2	4	2	3	—	5	—	—	—	—	9
National Labor Relations Board	—	41	—	41	—	—	—	—	—	—	—	—	41
National Science Foundation	70	60	2	132	197	34	—	231	12	—	—	12	375
Nuclear Regulatory Commission	1	25	6	32	—	2	3	5	—	—	—	—	37
Office of Personnel Management	1	1,649	4	1,654	—	4	—	4	—	—	—	—	1,658
Peace Corps	561	23	1	585	59	—	—	59	16	—	—	16	660
Small Business Administration	35	203	20	258	—	9	1	10	—	—	—	—	268
Smithsonian Institution	214	14	1	229	244	8	—	252	4	3	2	9	490
Social Security Administration	3	479	2	484	2	42	—	44	—	7	—	7	535
Tennessee Valley Authority	1,333	—	—	1,333	1,563	—	—	1,563	—	—	—	—	2,896
U.S. Agency for International Development	680	183	4	867	126	5	—	131	14	—	—	14	1,012
Total Civilian Agencies	103,926	47,863	986	152,775	72,938	23,516	568	97,022	1,783	1,168	58	3,009	252,806
Corps of Engineers, Civil Works	47	3,505	1	3,553	675	4,290	—	4,965	—	—	—	—	8,518
Defense Agencies	761	2,570	194	3,525	646	885	43	1,574	19	97	225	341	5,440
Department of Air Force	3,298	8,142	592	12,032	27,142	8,016	1,484	36,642	1,616	411	76	2,103	50,777
Department of Army	3,286	38,903	543	42,732	8,294	26,210	687	35,191	217	2,407	123	2,747	80,670
Department of Navy	3,140	12,880	1,630	17,650	12,648	6,510	130	19,288	369	507	47	923	37,861
United States Marine Corps	1,369	6,344	37	7,750	2,780	3,141	2	5,923	256	273	9	538	14,211
Total Military Agencies	11,901	72,344	2,997	87,242	52,185	49,052	2,346	103,583	2,477	3,695	480	6,652	197,477
U.S. Postal Service	8,829	513	—	9,342	202,308	216	—	202,524	2	3	—	5	211,871
Total All Agencies	124,656	120,720	3,983	249,359	327,431	72,784	2,914	403,129	4,262	4,866	538	9,666	662,154

Source: U.S. General Services Administration