

VEHICLE FLEETS AND MAINTENANCE

New York City operates the largest municipal fleet in the United States, with nearly 28,000 units. Citywide, fleet operations are led by DCAS Fleet through the Deputy Commissioner for Fleet Management, who serves as Citywide Chief Fleet Officer, consistent with Executive Order 161. The Chief Fleet Officer works with the more than 50 City agencies that operate fleet units, especially the 12 major fleet agencies of NYPD, FDNY, DOC, DSNY, DPR, DOT, DEP, DOE, DOHMH, NYCEM, TLC and DCAS, known as the Fleet Federation.

DCAS Fleet leads initiatives in safety, sustainability, transparency, and emergency management, while also providing direct services in areas including repair, collisions management, subrogation, fuel, auction and parts. DCAS manages the City's central fleet management systems and FleetStat reporting.

As part of Vision Zero, New York City's fleet operations are undertaking a series of initiatives to improve safety and reporting relating to vehicle collisions. These initiatives currently include:

- 1) Training all authorized City fleet drivers in defensive driving. DCAS Fleet is leading this initiative for all staff except uniformed drivers at NYPD and FDNY, who receive separate driver training for their emergency response vehicles.
- 2) Assessing the safety outfitting of City vehicles and developing a Safe Fleet Transition Plan. As part of this initiative, the City recently announced a new policy to install side guards on large City trucks. The City is also working with private fleets to assess and promote best industry practices.
- 3) Improving the tracking of vehicle collisions.
- 4) Installing tracking devices called CANceivers in all City fleet vehicles. The CANceivers provide data to be used to monitor City fleet driving habits and create a Safety Index to help improve safe driving of City vehicles. The CANceivers are also part of a new fuel management program.

The City fleet is also implementing a series of sustainability initiatives as part of the OneNYC plan. These include efforts to expand electric and hybrid vehicles, install additional diesel particulate filters, and introduce anti-idling and other technologies. DCAS Fleet has worked to increase the transparency of citywide fleet operations. The vehicle out-of-service report and CRASH collisions reporting are available now online, as is Fleet's regular newsletter. (Please visit DCAS website shown below). The roll-out of Fleet systems to better track, monitor and share fleet assets, parts and fuel, and driving behaviors, will all increase our understanding of fleet operations, allow for better management oversight, and facilitate further service improvements.

As part of the City's centralization of its fleet management at DCAS, a new set of metrics to measure fleet performance was introduced in the Vehicle Fleets and Maintenance tables of the Fiscal 2013 Mayor's Management Report (MMR). With this year's MMR, there are now three consecutive years of the information available for the fleet metrics that were new at that time, providing additional information on City Fleet management, efficiency and size on both a citywide and agency-specific basis.

In addition to this report, the Local Law 38 Annual Report contains additional information on City purchases of light and medium duty vehicles, the fuel economy of light duty vehicles purchased by the City, and the fuel consumption and carbon dioxide emission of the City fleet of light and medium duty vehicles. To view the latest Local Law 38 report, prepared by the Department of Environmental Protection (DEP), and other information on air pollution from City vehicles and other transportation. (Please visit DEP website shown below).

Additional Resources

<http://www.nyc.gov/html/dcas/html/employees/fleet.shtml>

<http://www.nyc.gov/html/dep/html/air/index.shtml>

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual	FY15 Annual Target	FY16 Annual Target
CITYWIDE FLEET SIZE	27,300	27,844	27,000	27,700
- Light Duty	11,595	11,734	*	11,600
- Medium Duty	5,014	4,757	*	4,900
- Heavy Duty	7,022	7,203	*	7,100
- Other Vehicles	3,669	4,150	*	4,100
Vehicle in-service rate (%)	90%	90%	90%	90%
Daily fleet in-service targets achieved (%)	89%	93%	90%	90%
Fleet garages/parts operations consolidated	3	7	1	0
Purchased vehicles compliant with Local Law 38 (%)	99%	98%	95%	95%
Alternative fuel vehicles	15,037	15,491	13,630	16,000
Alternative fuel vehicles in City fleet (%)	56%	57%	58%	60%
Vehicle fuel used (gallons)	29,625,498	29,212,219	29,000,000	29,000,000
- Biodiesel fuel used (gallons)	14,077,352	15,595,726	13,000,000	15,500,000
Electric chargers installed	52	48	40	40
Vehicles purchased	3,173	3,131	3,000	3,000
Average age of fleet (months)	74	75	72	72
Collisions in City vehicles ¹	5,886	5,726	*	*
Preventable collisions in City vehicles ²	2,925	2,873	*	*
Revenue from recoverable affirmative claims	\$2,289,291	\$1,937,675	*	*
Employees trained in defensive driving	2,357	14,545	11,000	11,000
Fleet repair expenditures (\$000,000)	\$218.0	\$230.8	*	*
Fleet fuel expenditures (\$000,000)	\$93.9	\$68.7	*	*
Fleet acquisition expenditures (capital) (\$000,000)	\$200.5	\$206.8	\$180.0	\$200.0
Fleet acquisition expenditures (expense) (\$000,000)	\$69.8	\$69.0	\$60.0	\$60.0
Automotive repair personnel	1,277	1,316	1,280	1,320
Fleet support personnel	354	364	350	360

¹Collisions in City vehicles do not include NYPD collisions.

²Preventable collisions - A collision in which the driver did not take all reasonable avoidance actions.

*Indicator is not subject to targeting in the MMR.

"NA" means Not Available in this report.

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
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The following is a detailed fleet breakdown for agencies with the largest city-managed fleets:

DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES

Total Vehicles	2,155	2,292
- Light Duty	1,646	1,784
- Medium Duty	310	293
- Heavy Duty	71	75
- Other Vehicles	128	140
Vehicle in-service rate (%)	98%	98%
Vehicles purchased	492	250
Average age of fleet (months)	73	79
Collisions in City vehicles	683	449
Revenue from recoverable affirmative claims	\$372,750	\$329,580
Employees trained in defensive driving	706	1704
Agency alternative fuel vehicles	1,318	1,391
Agency fleet using alternative fuels (%)	65%	66%
Vehicle fuel used (gallons)	1,294,469	831,117
- Biodiesel fuel used (gallons)	0	0
Fleet repair expenditures (\$000,000)	\$18.0	\$20.6
Fleet fuel expenditures (\$000,000)	\$4.3	\$2.1
Fleet acquisition expenditures (capital) (\$000,000)	\$11.2	\$4.2
Fleet acquisition expenditures (expense) (\$000,000)	\$9.1	\$5.2
Automotive repair personnel	2	0
Fleet support personnel	27	33

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DCAS		
o Light Duty Vehicle (LDV) Purchases	201	158
- LDV Purchases - Zero Emission Vehicles (ZEV)	41	25
- Ford Transit Connect EV	0	0
- Nissan Leaf	41	25
- LDV Purchases - Transitional Zero Emission Vehicles (TZEV)	0	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	129	107
- Ford Fusion Hybrid	29	0
- Toyota Camry Hybrid	29	3
- Toyota Prius	71	104
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	12
- Ford Fusion Energi Plug-in Hybrid	0	12
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	9
- Toyota Highlander Hybrid	0	9
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	31	5
- Chevrolet Tahoe Hybrid	0	0
- Dodge Grand Caravan	9	1
- Ford E-150	2	0
- Ford F-150	0	0
- Ford Escape	8	0
- Ford Explorer	3	1
- Ford Taurus	0	1
- GMC Yukon	6	2
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	45	19
- MDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- MDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	0	0
- MDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- MDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	28	10
- Chevrolet Express CNG	28	10
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	17	9
- Chevrolet Express	5	6
- Ford E-250	2	0
- Ford E-350	9	0
- Ford F-250	1	0
- Ford Transit Van	0	3
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
DEPARTMENT OF ENVIRONMENTAL PROTECTION		
Total Vehicles	2,019	1,999
- Light Duty	755	704
- Medium Duty	439	489
- Heavy Duty	456	403
- Other Vehicles	369	403
Vehicle in-service rate (%)	90%	91%
Vehicles purchased	315	292
Average age of fleet (months)	90	81.72
Collisions in City vehicles	370	394
Revenue from recoverable affirmative claims	\$18,862	\$16,275
Employees trained in defensive driving	6	1986
Agency alternative fuel vehicles	528	525
Agency fleet using alternative fuels (%)	32%	28%
Vehicle fuel used (gallons)	991,635	969,046
- Biodiesel fuel used (gallons)	331,004	375,697
Fleet repair expenditures (\$000,000)	\$2.9	\$2.4
Fleet fuel expenditures (\$000,000)	\$3.1	\$2.3
Fleet acquisition expenditures (capital) (\$000,000)	\$23.3	\$1.0
Fleet acquisition expenditures (expense) (\$000,000)	\$4.9	\$6.6
Automotive repair personnel	9	9
Fleet support personnel	10	\$10

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DEP		
o Light Duty Vehicle (LDV) Purchases	102	148
- LDV Purchases - Zero Emission Vehicles (ZEV)	0	15
- Nissan Leaf	0	15
- LDV Purchases - Transitional Zero Emission Vehicles (TZEV)	0	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	78	66
- Toyota Prius	72	66
- Ford Fusion Hybrid	6	0
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	0
- Toyota Highlander Hybrid	0	0
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	24	67
- Chevrolet Tahoe Hybrid	0	0
- Ford Escape	0	67
- Ford F-150	2	0
- Ford E-150	0	0
- Ford Transit Connect	22	0
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	33	0
- MDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- MDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	0	0
- MDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- MDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	33	0
- Ford E-350	1	0
- Ford F-250	32	0
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
DEPARTMENT OF HEALTH AND MENTAL HYGIENE		
Total Vehicles	280	274
- Light Duty	200	198
- Medium Duty	72	68
- Heavy Duty	6	6
- Other Vehicles	2	2
Vehicle in-service rate (%)	97%	97%
Vehicles purchased	2	13
Average age of fleet (months)	96	93.24
Collisions in City vehicles	32	27
Revenue from recoverable affirmative claims	\$38,546	\$9,931
Employees trained in defensive driving	448	227
Agency alternative fuel vehicles	183	199
Agency fleet using alternative fuels (%)	66%	72%
Vehicle fuel used (gallons)	104,236	89,992
- Biodiesel fuel used (gallons)	0	0
Fleet repair expenditures (\$000,000)	\$1.6	\$1.7
Fleet fuel expenditures (\$000,000)	\$0.3	\$0.2
Fleet acquisition expenditures (capital) (\$000,000)	\$0.0	\$0.2
Fleet acquisition expenditures (expense) (\$000,000)	\$0.5	\$0.2
Automotive repair personnel	0	0
Fleet support personnel	26	24

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DOHMH		
o Light Duty Vehicle (LDV) Purchases	2	6
- LDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- LDV Purchases - Transitional Zero Emission Vehicles (TZEV)	0	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	2	5
- Ford Fusion Hybrid	2	0
- Toyota Prius	0	5
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	1
- Toyota Highlander Hybrid	0	1
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	0	0
- Ford Escape	0	0
- Ford F-150	0	0
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	0	7
- MDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- MDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	0	0
- MDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- MDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	0	7
- Ford F-250	0	7
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
DEPARTMENT OF TRANSPORTATION		
Total Vehicles	2,787	2,766
- Light Duty	762	703
- Medium Duty	500	462
- Heavy Duty	904	892
- Other Vehicles	621	709
Vehicle in-service rate (%)	88%	91%
Vehicles purchased	176	226
Average age of fleet (months)	107	111.24
Collisions in City vehicles	366	329
Revenue from recoverable affirmative claims	\$86,115	\$63,104
Employees trained in defensive driving	5	1903
Agency alternative fuel vehicles	1,386	1,595
Agency fleet using alternative fuels (%)	64%	63%
Vehicle fuel used (gallons)	2,225,214	2,147,623
- Biodiesel fuel used (gallons)	712,206	840,762
Fleet repair expenditures (\$000,000)	\$20.7	\$21.4
Fleet fuel expenditures (\$000,000)	\$7.2	\$5.2
Fleet acquisition expenditures (capital) (\$000,000)	\$1.8	\$26.7
Fleet acquisition expenditures (expense) (\$000,000)	\$4.0	\$4.1
Automotive repair personnel	134	140
Fleet support personnel	20	19

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DOT		
o Light Duty Vehicle (LDV) Purchases	76	73
- LDV Purchases - Zero Emission Vehicles (ZEV)	1	0
- Nissan Leaf	1	0
- Ford Focus EV	0	0
- LDV Purchases - Transitional Zero Emission Vehicles (TZEV)	0	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	50	55
- Ford Fusion Hybrid	2	0
- Toyota Prius	48	55
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	5
- Ford Fusion Energi Plug-in Hybrid	0	5
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	8
- Toyota Avalon Hybrid	0	3
- Toyota Highlander Hybrid	0	5
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	25	5
- Chevrolet Tahoe Hybrid	0	0
- Chevrolet Volt	0	0
- Ford Escape	9	5
- Ford E-150	3	0
- Ford F-150	13	0
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	18	12
- MDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- MDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	0	0
- MDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- MDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	18	12
- Ford E-350	0	0
- Ford F-250	18	0
- Ford F-350	0	0
- Chevrolet Silverado Hybrid	0	0
- Chevrolet Express	0	12
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
DEPARTMENT OF SANITATION		
Total Vehicles	5,810	5,857
- Light Duty	999	983
- Medium Duty	312	307
- Heavy Duty	4,015	4,011
- Other Vehicles	484	556
Vehicle in-service rate (%)	82%	83%
Vehicles purchased	431	758
Average age of fleet (months)	71	72.6
Collisions in City vehicles	2,412	2,468
Revenue from recoverable affirmative claims	\$101,695	\$216,239
Employees trained in defensive driving	45	7546
Agency alternative fuel vehicles	4,953	5,417
Agency fleet using alternative fuels (%)	93%	95%
Vehicle fuel used (gallons)	10,982,384	10,949,872
- Biodiesel fuel used (gallons)	9,719,708	10,338,340
Fleet repair expenditures (\$000,000)	\$98.7	\$110.7
Fleet fuel expenditures (\$000,000)	\$35.2	\$25.7
Fleet acquisition expenditures (capital) (\$000,000)	\$78.5	\$133.9
Fleet acquisition expenditures (expense) (\$000,000)	\$2.1	\$7.1
Automotive repair personnel	647	672
Fleet support personnel	102	109

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DSNY		
o Light Duty Vehicle (LDV) Purchases	49	86
- LDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- Nissan Leaf	0	0
- LDV Purchases - Transitional Zero Emission Vehicles (TZEV)	0	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	23	0
- Ford Escape Hybrid	0	0
- Ford Fusion Hybrid	23	0
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	11
- Ford Fusion Energi Plug-in Hybrid	0	11
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	1
- Toyota Highlander Hybrid	0	1
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	26	74
- Ford Escape	24	74
- Ford Explorer	2	0
- Ford F-150	0	0
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	2	0
- MDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- MDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	0	0
- MDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- MDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	2	0
- Ford F-250	0	0
- Ford E-350	2	0
- Ford F-350	0	0
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
DEPARTMENT OF PARKS AND RECREATION		
Total Vehicles	2,954	2,923
- Light Duty	572	564
- Medium Duty	913	903
- Heavy Duty	388	360
- Other Vehicles	1,081	1,096
Vehicle in-service rate (%)	96%	96%
Vehicles purchased	186	153
Average age of fleet (months)	86	88
Collisions in City vehicles	487	540
Revenue from recoverable affirmative claims	\$10,859	\$29,944
Employees trained in defensive driving	942	803
Agency alternative fuel vehicles	1,124	1,692
Agency fleet using alternative fuels (%)	60%	61%
Vehicle fuel used (gallons)	1,616,155	1,578,351
- Biodiesel fuel used (gallons)	672,189	709,650
Fleet repair expenditures (\$000,000)	\$7.9	\$6.8
Fleet fuel expenditures (\$000,000)	\$4.9	\$3.7
Fleet acquisition expenditures (capital) (\$000,000)	\$7.8	\$6.6
Fleet acquisition expenditures (expense) (\$000,000)	\$2.0	\$1.7
Automotive repair personnel	26	27
Fleet support personnel	27	31

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DPR		
o Light Duty Vehicle (LDV) Purchases	28	39
- LDV Purchases - Zero Emission Vehicles (ZEV)	8	10
- Nissan Leaf	8	10
- LDV Purchases - Transitional Zero Emission Vehicles (TZEV)	6	0
- Chevrolet Volt	6	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	1	20
- Ford Fusion Hybrid	0	0
- Toyota Prius	1	20
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	1
- Ford Fusion Energi Plug-in Hybrid	0	1
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	7
- Chevrolet Volt	0	6
- Toyota Highlander Hybrid	0	1
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	13	1
- Ford Escape	9	0
- Ford E-150	4	0
- Ford F-150	0	0
- Ford Expedition	0	1
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	71	0
- MDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- MDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	0	0
- MDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- MDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	34	0
- Chevrolet CNG	34	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	37	0
- Chevrolet Express	2	0
- Ford E-350	1	0
- Ford F-250	34	0
- MDV Purchases - Low Emission Vehicles (LEV)	0	0
- Chevrolet Express	0	0

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
POLICE DEPARTMENT		
Total Vehicles	8,323	8,882
- Light Duty	5,945	6,117
- Medium Duty	1,236	1,324
- Heavy Duty	309	355
- Other Vehicles	833	1,086
Vehicle in-service rate (%)	92%	93%
Vehicles purchased	1,194	1,231
Average age of fleet (months)	54	54.6
Collisions in City vehicles ¹	3.5	3.2
Revenue from recoverable affirmative claims	\$1,559,616	\$1,155,665
Employees trained in defensive driving	8	N/A
Agency alternative fuel vehicles	2,322	2,897
Agency fleet using alternative fuels (%)	31%	33%
Vehicle fuel used (gallons)	8,308,850	8,019,096
- Biodiesel fuel used (gallons)	373,452	381,391
Fleet repair expenditures (\$000,000)	\$35.5	\$34.6
Fleet fuel expenditures (\$000,000)	\$24.3	\$17.9
Fleet acquisition expenditures (capital) (\$000,000)	\$15.7	\$10.9
Fleet acquisition expenditures (expense) (\$000,000)	\$37.6	\$40.3
Automotive repair personnel	268	274
Fleet support personnel	73	76

¹NYPD Collisions figure represents Collisions per 100,000 miles.

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - NYPD		
o Light Duty Vehicle (LDV) Purchases	0	0
- LDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- LDV Purchases - Transitional Zero Emission Vehicles (TZEV)	0	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	0	0
- Ford Fusion Hybrid	0	0
- Toyota Prius	0	0
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	0
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	0	0
- Chevrolet Tahoe Hybrid	0	0
- Ford Escape	0	0
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	0	0
- MDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- MDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	0	0
- MDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- MDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	0	0
- Ford F-350	0	0
- Ford F-250	0	0
- Chevrolet Silverado Hybrid	0	0
- MDV Purchases - Low Emission Vehicles (LEV)	0	0
- Chevrolet Express	0	0

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
FIRE DEPARTMENT		
Total Vehicles	2,143	2,097
- Light Duty	363	354
- Medium Duty	473	501
- Heavy Duty	132	130
- Other Vehicles	129	147
- Pumpers (Engines)	279	281
- Ladders	228	236
- Ambulances	512	421
- Rescue	27	27
Vehicle in-service rate (%)	80%	81%
Vehicles purchased	281	78
Average age of fleet (months)	87	84
Collisions in City vehicles	1,181	1,255
- Ambulance	730	790
- Apparatus	451	465
Revenue from recoverable affirmative claims	\$30,482	\$37,024
Employees trained in defensive driving	4	N/A
Agency alternative fuel vehicles	967	1,443
Agency fleet using alternative fuels (%)	48%	66%
Vehicle fuel used (gallons)	3,768,103	3,864,971
- Biodiesel fuel used (gallons)	1,940,382	2,644,606
Fleet repair expenditures (\$000,000)	\$30.1	\$29.7
Fleet fuel expenditures (\$000,000)	\$12.2	\$9.7
Fleet acquisition expenditures (capital) (\$000,000)	\$56.8	\$20.8
Fleet acquisition expenditures (expense) (\$000,000)	\$9.0	\$1.0
Automotive repair personnel	167	172
Fleet support personnel	67	59

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - FDNY		
o Light Duty Vehicle (LDV) Purchases	0	0
- LDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- LDV Purchases - Transitional Zero Emission Vehicles (TZEV)	0	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	0	0
- Toyota Prius	0	0
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	0
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	0	0
- Chevrolet Tahoe Hybrid	0	0
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	0	0
- MDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- MDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	0	0
- MDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- MDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	0	0
- Ford E-350	0	0
- Ford F-250	0	0
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
DEPARTMENT OF CORRECTION		
Total Vehicles	493	453
- Light Duty	157	149
- Medium Duty	129	123
- Heavy Duty	185	170
- Other Vehicles	22	11
Vehicle in-service rate (%)	94%	93%
Vehicles purchased	61	110
Average age of fleet (months)	94	93.36
Collisions in City vehicles	104	103
Revenue from recoverable affirmative claims	\$7,174	\$13,840
Employees trained in defensive driving	3	199
Agency alternative fuel vehicles	254	239
Agency fleet using alternative fuels (%)	54%	53%
Vehicle fuel used (gallons)	573,838	565,277
- Biodiesel fuel used (gallons)	328,411	305,280
Fleet repair expenditures (\$000,000)	\$2.3	\$2.6
Fleet fuel expenditures (\$000,000)	\$1.8	\$1.3
Fleet acquisition expenditures (capital) (\$000,000)	\$5.5	\$2.1
Fleet acquisition expenditures (expense) (\$000,000)	\$0.1	\$2.4
Automotive repair personnel	23	22
Fleet support personnel	1	1

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DOC		
o Light Duty Vehicle (LDV) Purchases	5	32
- LDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- LDV Purchases - Transitional Zero Emission Vehicles (TZEV)	0	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	5	20
- Ford Fusion Hybrid	5	0
- Toyota Prius	0	20
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	12
- Toyota Highlander Hybrid	0	12
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	0	0
- Ford Escape	0	0
- Chevrolet Tahoe Hybrid	0	0
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	14	4
- MDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- MDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	0	0
- MDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- MDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	14	4
- Ford E-350	14	0
- Ford Transit Van	0	4
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
DEPARTMENT OF EDUCATION		
Total Vehicles	336	301
- Light Duty	196	178
- Medium Duty	118	101
- Heavy Duty	22	22
- Other Vehicles	0	0
Vehicle in-service rate (%)	98%	98%
Vehicles purchased	35	20
Average age of fleet (months)	60	71
Collisions in City vehicles	45	55
Revenue from recoverable affirmative claims	\$63,192	\$66,073
Employees trained in defensive driving	190	177
Agency alternative fuel vehicles	87	93
Agency fleet using alternative fuels (%)	26%	30%
Vehicle fuel used (gallons)	209,539	196,875
- Biodiesel fuel used (gallons)	0	0
Fleet repair expenditures (\$000,000)	\$0.4	\$0.4
Fleet fuel expenditures (\$000,000)	\$0.7	\$0.5
Fleet acquisition expenditures (capital) (\$000,000)	\$0.0	\$0.4
Fleet acquisition expenditures (expense) (\$000,000)	\$0.9	\$0.4
Automotive repair personnel	1	0
Fleet support personnel	1	2

VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY14 Annual Actual	FY15 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DOE		
o Light Duty Vehicle (LDV) Purchases	24	6
- LDV Purchases - Zero Emission Vehicles (ZEV)	5	0
- Nissan Leaf	5	0
- LDV Purchases - Transitional Zero Emission Vehicles (TZEV)	2	0
- Chevrolet Volt	2	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	16	4
- Ford Fusion Hybrid	15	0
- Toyota Camry Hybrid	1	0
- Toyota Prius	0	4
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	1
- Toyota Highlander Hybrid	0	1
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	1	1
- Dodge Grand Caravan	1	0
- Ford Taurus	0	1
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	11	11
- MDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- MDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	0	0
- MDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- MDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	11	11
- Chevrolet Express	1	9
- Ford E-350	10	0
- Ford E-250	0	2
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

VEHICLE FLEETS AND MAINTENANCE

DEFINITIONS

Alternative fuel vehicles in City fleet (%): The percentage of City vehicles that are using alternative fuel.

Alternative fuel vehicles: The total number of City vehicles that are using alternative fuel.

Automotive repair personnel: The number of City personnel assigned to repair and maintain City fleet for the year.

Average age of fleet (months): The average number of months from the date a vehicle is put in service to the end of the reporting period (i.e., the MMR/PMMR reporting period).

City Managed Fleet: The total number of city funded and non-city funded vehicles in the city managed fleet.

Citywide fleet size: The total number of vehicles in the city managed fleet and the subtotals by vehicle size/type.

Collisions in City vehicles: The number of collisions in the year as reported by City agencies.

Daily fleet in-service targets achieved (%): The percentage of days the target for vehicle in-service rate was met.

Electric chargers installed: The number of chargers installed for the City hybrid-electric powered vehicles.

Employees trained in defensive driving: The number of City employees trained in defensive driving centrally.

Fleet acquisition expenditures (capital) (\$000,000): The amount of capital funds spent on City fleet during the year.

Fleet acquisition expenditures (expense) (\$000,000): The amount of expense funds spent on fuel for City fleet during the year.

Fleet fuel expenditures (\$000,000): The amount spent on fuel for City fleet during the year.

Fleet repair expenditures (\$000,000): The amount spent on repair and maintenance of City fleet during the year.

Fleet support personnel: The number of City personnel assigned to administer and support City fleet operations for the year.

Percentage of alternative fuel vehicles in City Fleet: The percentage of vehicles in the city managed fleet that is using alternative fuel. This calculation does not include vehicles in the "Other" subgroup.

Preventable collisions in City vehicles - A collision in which the driver, by his/her own admission or in the judgment of an Agency Accident Review Committee, did not take all reasonable avoidance actions, including attention to road conditions and improper actions of other drivers. "Preventability" is not limited to the violation of traffic laws and is distinguished from "chargeability" as determined by the law.

Purchased vehicles compliant with Local Law 38 (%): The percentage of light and medium-duty vehicles purchased for the City through DCAS during the period that are certified with the highest ratings defined by California Low-Emission Vehicle (LEV) II standards. The four highest ratings are zero emission vehicles (ZEV), transitional zero emission vehicles (TZEV), advanced technology partial zero emission vehicles (ATPZEV), and partial zero emission vehicles (PZEV). Pursuant to Local Law 38 of 2005, each light and medium-duty vehicle that the City purchases should have the best certified emission rating within its vehicle category while meeting the requirements for the City's intended use. According to the law, some exceptions apply based on cost and other limited exemptions, including for certain emergency vehicles.

Revenue from recoverable affirmative claims: The amount of money recovered following collisions in City vehicles.

Vehicle and Biodiesel fuel used (gallons): The volume of fuel used by City fleet in year (biodiesel is included in vehicle fuel).

Vehicle in-service rate (%): The percentage of fleet in full service.

Vehicles purchased: The number of City fleet vehicles acquired.

VEHICLE FLEETS AND MAINTENANCE

LIST OF AGENCIES IN THE CITYWIDE FLEET

Department of Citywide Administrative Services*
Department of Environmental Protection
Department of Correction
Department of Parks and Recreation
Department of Health and Mental Hygiene

New York City Fire Department
New York City Police Department
Department of Transportation
Department of Sanitation
Department of Education

*"Department of Citywide Administrative Services" vehicles include those used by the following agencies:

Administration of Children's Services
Board of Elections
Bronx Borough President
Brooklyn Borough President
Business Integrity Commission
Campaign Finance Board
City Commission on Human Rights
City Council
Civilian Complaint Review Board
Department for the Aging
Department of Buildings
Department of City Planning
Department of Citywide Administrative Services
Department of Consumer Affairs
Department of Cultural Affairs
Department of Design and Construction
Department of Finance
Department of Homeless Services
Department of Housing Preservation and Development
Department of Information Technology and Telecommunications
Department of Investigation
Department of Probation
Department of Records and Information Services
Department of Small Business Services

Department of Youth and Community Development
Financial Information Services Agency
GrowNY (formerly known as "Council on the Environment")
Human Resources Administration
Landmarks Preservation Commission
Law Department
Manhattan Borough President
Mayor's Office
New York City Emergency Management
NYC Economic Development Corporation
Office of Administrative Trials and Hearings
Office of Chief Medical Examiner
Office of Labor Relations
Office of Management and Budget
Office of Payroll Administration
Office of the City Clerk
Office of the Comptroller
Office of the Public Advocate
Queens Borough President
Sheriff's Office
Sports Commission
Staten Island Borough President
Tax Commission
Taxi and Limousine Commission