

# VEHICLE FLEETS AND MAINTENANCE

New York City has launched a major initiative to achieve efficiencies in fleet operations by consolidating fleets and repair services. In 2011, the City appointed its first Chief Fleet Management Officer, working at the Department of Citywide Administrative Services (DCAS), to implement this initiative in cooperation with the fleet managers of major agencies.

The City has consolidated 12 garage facilities, partnered to auction City vehicles online, and contracted 6 in-house parts room operations. The City has also updated its fleet management systems including a replacement to the City's MCMS fleet system, installation of a new automated fuel tracking system, and introduction of car sharing technology on City vehicles. The City recently passed five new fleet local laws aimed at improving fleet sustainability including a nation leading biodiesel mandate. The City is also making critical investments in heavy duty, specialized and emergency equipment while reducing fleet size and costs for non-emergency light duty sedans and SUVs. The City Fleet operations at DCAS has introduced a new website, daily performance metrics, and newsletter. Together, the elements of this initiative will transform City fleet operations, improve service, and save money. The City will leverage innovation and talent throughout the individual agencies to support the common fleet needs of the City as a whole.

The initiative has four major components:

- 1) Consolidate citywide fleet operations into three agencies – Police Department, Sanitation Department and Department of Citywide Administrative Services;
- 2) Expand the City's fleet sustainability program through greater use of biodiesel and electric vehicles;
- 3) Systematically manage the entire fleet through daily performance monitoring and coordinating vehicle acquisition, accident prevention and costs of operation;
- 4) Create new systems for monitoring fuel, sharing cars across agencies and managing auto parts rooms.

As part of these major change efforts, a new set of metrics to measure the performance of this initiative has been introduced for Fiscal 2013 in the Vehicle Fleets and Maintenance tables of this report. This includes the addition of new metrics to measure City Fleet management, efficiency and size on a citywide basis. Those indicators have also been extended to the individual agency metrics, replacing some of the indicators previously there. The system to improve measurement of vehicle accidents and their effect is completing development, and additional indicators on accidents will appear in the next MMR.

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), please visit: <http://www.nyc.gov/html/dep/pdf/air/local-law-air-reports-fy2012.pdf>.

## VEHICLE FLEETS AND MAINTENANCE

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual	FY13 Annual Target	FY14 Annual Target
CITY FLEET SIZE <sup>1</sup>	26,981	25,855	26,000	26,000
- Light Duty	12,124	11,186	*	*
- Medium Duty	5,052	4,919	*	*
- Heavy Duty	6,943	6,903	*	*
- Other Vehicles	2,862	2,786	*	*
City funded fleet	23,904	22,837	*	*
Non-City funded fleet	3,077	3,018	*	*
Vehicle in-service rate (%)	NA	91%	90%	90%
Daily fleet in-service targets achieved (%)	NA	97%	90%	90%
Fleet consolidation projects, completed	7	12	12	4
Purchased vehicles compliant with Local Law 38 (%)	98%	94%	95%	95%
Alternative fuel vehicles	7,555	10,601	10,400	13,000
Alternative fuel vehicles in City fleet (%)	28%	41%	40%	50%
Vehicle fuel used (gallons)	NA	30,611,112	30,000,000	29,000,000
- Biodiesel fuel used (gallons)	NA	11,925,594	10,000,000	12,000,000
Electric chargers installed	NA	16	15	30
Vehicles purchased	NA	3,236	3,000	3,000
Average age of fleet (months)	70	72	72	72
Accidents in City vehicles <sup>2</sup>	NA	4,977	*	*
Revenue from recoverable affirmative claims	NA	\$2,828,968	*	*
Employees trained in defensive driving	NA	2,262	2,000	2,500
Fleet repair expenditures (\$000,000)	NA	\$207.2	\$210.0	\$200.0
Fleet fuel expenditures (\$000,000)	NA	\$97.4	*	*
Fleet acquisition expenditures (capital) (\$000,000)	NA	\$226.5	\$180.0	\$180.0
Fleet acquisition expenditures (expense) (\$000,000)	NA	\$88.7	\$60.0	\$60.0
Automotive repair personnel	NA	1,242	1,250	1,250
Fleet support personnel	NA	351	350	350

<sup>1</sup>City fleet size for FY 2012 is revised downward by 1,732 previously included non-City managed fleet vehicles.

<sup>2</sup>The figure for FY 2013 total vehicle accidents does not include NYPD accidents.

\*Indicator is not subject to targeting in the MMR.

## VEHICLE FLEETS AND MAINTENANCE

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
The following is a detailed fleet breakdown for agencies with the largest City fleets:		
<b>DEPARTMENT OF CITYWIDE ADMINISTRATIVE SERVICES</b>		
Total Vehicles	2,174	2,126
- Light Duty	1,645	1,632
- Medium Duty	354	316
- Heavy Duty	74	75
- Other Vehicles	101	103
Vehicle in-service rate (%)	NA	98%
Vehicles purchased	NA	284
Average age of fleet (months)	70	70
Accidents in City vehicles	NA	525
Revenue from recoverable affirmative claims	NA	\$366,411
Employees trained in defensive driving	NA	323
Agency alternative fuel vehicles	1,336	1,318
Agency fleet using alternative fuels (%)	NA	62%
Vehicle fuel used (gallons)	NA	1,275,850
- Biodiesel fuel used (gallons)	NA	0
Fleet repair expenditures (\$000,000)	NA	\$5.3
Fleet fuel expenditures (\$000,000)	NA	\$4.3
Fleet acquisition expenditures (capital) (\$000,000)	NA	\$0.4
Fleet acquisition expenditures (expense) (\$000,000)	NA	\$6.7
Automotive repair personnel	NA	2
Fleet support personnel	NA	24

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DCAS		
o Light Duty Vehicle (LDV) Purchases	157	190
- LDV Purchases - Zero Emission Vehicles (ZEV)	0	30
- Ford Transit Connect EV	0	11
- Nissan Leaf		19
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	90	136
- Ford Fusion Hybrid	55	47
- Toyota Camry Hybrid	0	19
- Toyota Prius	23	70
- Toyota Prius Plug-In	5	0
- Ford Escape Hybrid	7	0
- Nissan Altima Hybrid	0	0
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	24	11
- Toyota Highlander Hybrid	17	11
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	49	13
- Chevrolet Tahoe Hybrid	8	2
- Chevrolet Volt	26	0
- Ford E-150	7	9
- Ford F-150	6	1
- Ford Escape	0	1
- Ford Taurus	2	0
- LDV Purchases - Low Emission Vehicles (LEV)	1	0
- Chevrolet Suburban	1	0
o Medium Duty Vehicle (MDV) Purchases	56	23
- 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)	54	0
- Ford E-350	52	0
- Ford F-250	2	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	0	16
- Ford E-350	0	13
- Ford F-250	0	3
- MDV Purchases - Low Emission Vehicles (LEV)	2	7
- Chevrolet Express	2	7

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
<b>DEPARTMENT OF ENVIRONMENTAL PROTECTION</b>		
Total Vehicles	2,075	1,943
- Light Duty	741	680
- Medium Duty	509	459
- Heavy Duty	471	459
- Other Vehicles	354	345
Vehicle in-service rate (%)	NA	92%
Vehicles purchased	NA	208
Average age of fleet (months)	89	90
Accidents in City vehicles	NA	350
Revenue from recoverable affirmative claims	NA	\$23,379
Employees trained in defensive driving	NA	350
Agency alternative fuel vehicles	645	602
Agency fleet using alternative fuels (%)	NA	31%
Vehicle fuel used (gallons)	NA	962,094
- Biodiesel fuel used (gallons)	NA	310,986
Fleet repair expenditures (\$000,000)	NA	\$5.2
Fleet fuel expenditures (\$000,000)	NA	\$3.1
Fleet acquisition expenditures (capital) (\$000,000)	NA	\$7.5
Fleet acquisition expenditures (expense) (\$000,000)	NA	\$4.4
Automotive repair personnel	NA	11
Fleet support personnel	NA	8

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DEP		
o Light Duty Vehicle (LDV) Purchases	15	95
- LDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	9	22
- Toyota Prius	0	18
- Ford Fusion Hybrid	5	4
- Ford Escape Hybrid	4	0
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	0	13
- Toyota Highlander Hybrid	0	13
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	6	60
- Ford Escape	0	40
- Ford F-150	0	13
- Ford E-150	0	6
- Chevrolet Tahoe Hybrid	0	1
- Ford Expedition	6	0
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	3	60
- 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)	3	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	0	60
- Ford F-250	0	60
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
<b>DEPARTMENT OF HEALTH AND MENTAL HYGIENE</b>		
Total Vehicles	284	279
- Light Duty	197	194
- Medium Duty	81	78
- Heavy Duty	6	6
- Other Vehicles	0	1
Vehicle in-service rate (%)	NA	97%
Vehicles purchased	NA	17
Average age of fleet (months)	85	87
Accidents in City vehicles	NA	23
Revenue from recoverable affirmative claims	NA	\$41,347
Employees trained in defensive driving	NA	10
Agency alternative fuel vehicles	186	181
Agency fleet using alternative fuels (%)	NA	65%
Vehicle fuel used (gallons)	NA	114,461
- Biodiesel fuel used (gallons)	NA	0
Fleet repair expenditures (\$000,000)	NA	\$1.7
Fleet fuel expenditures (\$000,000)	NA	\$0.4
Fleet acquisition expenditures (capital) (\$000,000)	NA	\$0.0
Fleet acquisition expenditures (expense) (\$000,000)	NA	\$0.5
Automotive repair personnel	NA	0
Fleet support personnel	NA	28

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DOHMH		
o Light Duty Vehicle (LDV) Purchases	7	17
- LDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	7	11
- Ford Fusion Hybrid	6	11
- Toyota Prius	1	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	6
- Ford Escape	0	4
- Ford F-150	0	2
- 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
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
<b>DEPARTMENT OF TRANSPORTATION</b>		
Total Vehicles	2,693	2,581
- Light Duty	707	645
- Medium Duty	511	476
- Heavy Duty	977	913
- Other Vehicles	498	547
Vehicle in-service rate (%)	NA	89%
Vehicles purchased	NA	106
Average age of fleet (months)	104	105
Accidents in City vehicles	NA	356
Revenue from recoverable affirmative claims	NA	\$140,340
Employees trained in defensive driving	NA	300
Agency alternative fuel vehicles	567	645
Agency fleet using alternative fuels (%)	NA	25%
Vehicle fuel used (gallons)	NA	2,190,372
- Biodiesel fuel used (gallons)	NA	767,143
Fleet repair expenditures (\$000,000)	NA	\$22.4
Fleet fuel expenditures (\$000,000)	NA	\$7.1
Fleet acquisition expenditures (capital) (\$000,000)	NA	\$0.7
Fleet acquisition expenditures (expense) (\$000,000)	NA	\$2.6
Automotive repair personnel	NA	135
Fleet support personnel	NA	21

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DOT		
o Light Duty Vehicle (LDV) Purchases	18	40
- LDV Purchases - Zero Emission Vehicles (ZEV)	0	4
- Nissan Leaf	0	3
- Ford Focus EV	0	1
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	6	24
- Ford Fusion Hybrid	0	1
- Toyota Prius	6	23
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	2	0
- Toyota Highlander Hybrid	2	0
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	10	12
- Chevrolet Tahoe Hybrid	0	5
- Ford F-150	10	4
- Chevrolet Volt	0	3
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	33	32
- 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)	31	0
- Ford F-250	12	0
- Ford E-350	19	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	2	32
- Ford E-350	0	16
- Ford F-250	0	7
- Ford F-350	0	6
- Chevrolet Silverado Hybrid	2	2
- Ford E-250	0	1
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
<b>DEPARTMENT OF SANITATION</b>		
Total Vehicles	5,532	5,574
- Light Duty	999	986
- Medium Duty	282	285
- Heavy Duty	3,904	3,940
- Other Vehicles	347	363
Vehicle in-service rate (%)	NA	84%
Vehicles purchased	NA	574
Average age of fleet (months)	NA	65
Accidents in City vehicles	NA	1,801
Revenue from recoverable affirmative claims	NA	\$156,672
Employees trained in defensive driving	NA	18
Agency alternative fuel vehicles	787	5,128
Agency fleet using alternative fuels (%)	NA	92%
Vehicle fuel used (gallons)	NA	10,495,700
- Biodiesel fuel used (gallons)	NA	9,793,629
Fleet repair expenditures (\$000,000)	NA	\$92.1
Fleet fuel expenditures (\$000,000)	NA	\$34.5
Fleet acquisition expenditures (capital) (\$000,000)	NA	\$99.4
Fleet acquisition expenditures (expense) (\$000,000)	NA	\$4.0
Automotive repair personnel	NA	627
Fleet support personnel	NA	104

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DSNY		
o Light Duty Vehicle (LDV) Purchases	117	151
- LDV Purchases - Zero Emission Vehicles (ZEV)	0	18
- Nissan Leaf	0	18
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	103	70
- Ford Escape Hybrid	87	0
- Ford Fusion Hybrid	16	70
- 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)	14	63
- Ford Escape	0	61
- Ford F-150	0	2
- Chevrolet Volt	14	0
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	4	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)	4	0
- Ford F-250	4	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	0	11
- Ford F-250	0	7
- Ford E-350	0	3
- Ford F-350	0	1
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
<b>DEPARTMENT OF PARKS AND RECREATION</b>		
Total Vehicles	2,485	2,523
- Light Duty	587	577
- Medium Duty	803	879
- Heavy Duty	356	364
- Other Vehicles	739	703
Vehicle in-service rate (%)	NA	95%
Vehicles purchased	NA	115
Average age of fleet (months)	77	79
Accidents in City vehicles	NA	442
Revenue from recoverable affirmative claims	NA	\$11,371
Employees trained in defensive driving	NA	1,000
Agency alternative fuel vehicles	674	1,438
Agency fleet using alternative fuels (%)	NA	57%
Vehicle fuel used (gallons)	NA	1,688,590
- Biodiesel fuel used (gallons)	NA	698,395
Fleet repair expenditures (\$000,000)	NA	\$8.6
Fleet fuel expenditures (\$000,000)	NA	\$5.2
Fleet acquisition expenditures (capital) (\$000,000)	NA	\$5.9
Fleet acquisition expenditures (expense) (\$000,000)	NA	\$1.7
Automotive repair personnel	NA	21
Fleet support personnel	NA	28

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DPR		
o Light Duty Vehicle (LDV) Purchases	77	15
- LDV Purchases - Zero Emission Vehicles (ZEV)	0	3
- Nissan Leaf	0	3
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	67	1
- Ford Fusion Hybrid	0	1
- Ford Escape Hybrid	6	0
- Toyota Prius	61	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)	10	11
- Ford Escape	0	5
- Ford E-150	0	4
- Ford F-150	0	2
- Chevrolet Volt	10	0
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	77	26
- 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)	72	0
- Ford E-250	1	0
- Ford E-350	30	0
- Ford F-250	41	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	0	26
- Ford E-350	0	24
- Ford F-250	0	2
- MDV Purchases - Low Emission Vehicles (LEV)	5	0
- Chevrolet Express	5	0

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12	FY13
	Annual	Annual
	Actual	Actual
<b>POLICE DEPARTMENT</b>		
Total Vehicles	8,646	7,913
- Light Duty	6,739	5,813
- Medium Duty	1,242	1,174
- Heavy Duty	337	327
- Other Vehicles	328	599
Vehicle in-service rate (%)	NA	94%
Vehicles purchased	NA	1,565
Average age of fleet (months)	50	52
Accidents in City vehicles <sup>1</sup>	NA	5.3
Revenue from recoverable affirmative claims	NA	\$1,975,493
Employees trained in defensive driving	NA	120
Agency alternative fuel vehicles	1,226	1,424
Agency fleet using alternative fuels (%)	NA	18%
Vehicle fuel used (gallons)	NA	9,337,204
- Biodiesel fuel used (gallons)	NA	47,650
Fleet repair expenditures (\$000,000)	NA	\$35.5
Fleet fuel expenditures (\$000,000)	NA	\$28.0
Fleet acquisition expenditures (capital) (\$000,000)	NA	\$5.6
Fleet acquisition expenditures (expense) (\$000,000)	NA	\$60.2
Automotive repair personnel	NA	270
Fleet support personnel	NA	70

<sup>1</sup>NYPD accidents figure represents collisions per 100,000 miles.

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - NYPD		
o Light Duty Vehicle (LDV) Purchases	268	323
- LDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	262	297
- Ford Escape Hybrid	32	0
- Ford Fusion Hybrid	214	211
- Toyota Camry Hybrid	1	0
- Toyota Prius	15	86
- 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)	4	26
- Chevrolet Tahoe Hybrid	3	15
- Ford Escape	0	11
- Ford F-150	1	0
- LDV Purchases - Low Emission Vehicles (LEV)	2	0
- GMC Yukon Hybrid	2	0
o Medium Duty Vehicle (MDV) Purchases	6	21
- 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)	6	0
- Ford E-250	2	0
- Ford E-350	4	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	0	7
- Ford F-350	0	4
- Ford F-250	0	2
- Chevrolet Silverado Hybrid	0	1
- MDV Purchases - Low Emission Vehicles (LEV)	0	14
- Chevrolet Express	0	14

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
<b>FIRE DEPARTMENT</b>		
Total Vehicles	2,211	2,062
- Pumpers (Engines)	271	268
- Ladders	178	194
- Ambulances	406	483
- Rescue	23	28
- Light Duty support	350	328
- Medium Duty support	689	534
- Heavy Duty support	187	124
- Other Vehicles support	107	103
Vehicle in-service rate (%)	NA	83%
Vehicles purchased	NA	363
Average age of fleet (months)		
Accidents in City vehicles	NA	1,240
- Ambulance	NA	793
- Apparatus	NA	447
Revenue from recoverable affirmative claims	NA	\$51,568
Employees trained in defensive driving	NA	139
Agency alternative fuel vehicles	102	82
Agency fleet using alternative fuels (%)	NA	4%
Vehicle fuel used (gallons)	NA	3,779,327
- Biodiesel fuel used (gallons)	NA	0
Fleet repair expenditures (\$000,000)	NA	\$33.0
Fleet fuel expenditures (\$000,000)	NA	\$12.3
Fleet acquisition expenditures (capital) (\$000,000)	NA	\$106.4
Fleet acquisition expenditures (expense) (\$000,000)	NA	\$8.2
Automotive repair personnel	NA	154
Fleet support personnel	NA	66

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - FDNY		
o Light Duty Vehicle (LDV) Purchases	0	21
- LDV Purchases - Zero Emission Vehicles (ZEV)	0	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	0	2
- Toyota Prius	0	2
- 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	19
- Chevrolet Tahoe Hybrid	0	19
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	1	3
- 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)	1	0
- Ford F-250	1	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	0	3
- Ford E-350	0	2
- Ford F-250	0	1
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
<b>DEPARTMENT OF CORRECTION</b>		
Total Vehicles	515	484
- Light Duty	159	156
- Medium Duty	152	123
- Heavy Duty	182	183
- Other Vehicles	22	22
Vehicle in-service rate (%)	NA	98%
Vehicles purchased	NA	12
Average age of fleet (months)	88	87
Accidents in City vehicles	NA	60
Revenue from recoverable affirmative claims	NA	\$8,680
Employees trained in defensive driving	NA	0
Agency alternative fuel vehicles	60	53
Agency fleet using alternative fuels (%)	NA	11%
Vehicle fuel used (gallons)	NA	565,939
- Biodiesel fuel used (gallons)	NA	307,791
Fleet repair expenditures (\$000,000)	NA	\$2.8
Fleet fuel expenditures (\$000,000)	NA	\$1.8
Fleet acquisition expenditures (capital) (\$000,000)	NA	\$0.6
Fleet acquisition expenditures (expense) (\$000,000)	NA	\$0.4
Automotive repair personnel	NA	21
Fleet support personnel	NA	1

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DOC		
o Light Duty Vehicle (LDV) Purchases	37	10
- LDV Purchases - Zero Emission Vehicles (ZEV)	2	0
- Ford Transit Connect EV	2	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	23	0
- Ford Escape Hybrid	1	0
- Ford Fusion Hybrid	22	0
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	11	0
- Ford E-150	6	0
- Toyota Highlander Hybrid	5	0
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	0	10
- Ford Escape	0	7
- Chevrolet Tahoe Hybrid	0	3
- LDV Purchases - Low Emission Vehicles (LEV)	1	0
- GMC Yukon	1	0
o Medium Duty Vehicle (MDV) Purchases	0	16
- 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	16
- Ford E-350	0	16
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
<b>DEPARTMENT OF EDUCATION</b>		
Total Vehicles	NA	309
- Light Duty	NA	175
- Medium Duty	NA	112
- Heavy Duty	NA	22
- Other Vehicles	NA	0
Vehicle in-service rate (%)	NA	97%
Vehicles purchased	NA	0
Average age of fleet (months)	NA	55
Accidents in City vehicles	NA	64
Revenue from recoverable affirmative claims	NA	\$53,707
Employees trained in defensive driving	NA	2
Agency alternative fuel vehicles	NA	80
Agency fleet using alternative fuels (%)	NA	26%
Vehicle fuel used (gallons)	NA	201,576
- Biodiesel fuel used (gallons)	NA	0
Fleet repair expenditures (\$000,000)	NA	\$0.3
Fleet fuel expenditures (\$000,000)	NA	\$0.7
Fleet acquisition expenditures (capital) (\$000,000)	NA	\$0.0
Fleet acquisition expenditures (expense) (\$000,000)	NA	\$0.0
Automotive repair personnel	NA	1
Fleet support personnel	NA	1

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY12 Annual Actual	FY13 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DOE		
o Light Duty Vehicle (LDV) Purchases	NA	0
- LDV Purchases - Zero Emission Vehicles (ZEV)	NA	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	NA	0
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	NA	0
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	NA	0
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	NA	0
- LDV Purchases - Low Emission Vehicles (LEV)	NA	0
o Medium Duty Vehicle (MDV) Purchases	NA	0
- MDV Purchases - Zero Emission Vehicles (ZEV)	NA	0
- MDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	NA	0
- MDV Purchases - Partial Zero Emission Vehicles (PZEV)	NA	0
- MDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	NA	0
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	NA	0
- MDV Purchases - Low Emission Vehicles (LEV)	NA	0

# VEHICLE FLEETS AND MAINTENANCE

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## DEFINITIONS

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Accidents in City vehicles: The number of accidents in the year as reported by City agencies.

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 fleet 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 funded fleet: The total number of City vehicles that were purchased with tax-levy or City funds.

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

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 fleet assigned to administer and support City fleet operations for the year.

Non-City funded fleet: The total number of City vehicles that were purchased with grant funds or donated by another entity.

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

Purchased vehicles compliant with Local Law 38 (%): The percentage of light-duty vehicles purchased for the City through DCAS that are certified with the highest ratings defined by California Low-Emission Vehicle (LEV) II standards. The three highest ratings are zero emission vehicles (ZEV), 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 accidents and 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.

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# VEHICLE FLEETS AND MAINTENANCE

## LIST OF AGENCIES IN THE CITY 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

GrowNYC (formerly known as "Council on the Environment")

Human Resources Administration

Landmarks Preservation Commission

Law Department

Manhattan Borough President

Mayor's Office

NYC Economic Development Corporation

Office of Administrative Trials and Hearings

Office of Chief Medical Examiner

Office of Emergency Management

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