

## VEHICLE FLEETS AND MAINTENANCE

New York City has launched a major initiative to achieve efficiency in its fleet operations through consolidation of fleets and repair services, improved performance reporting, technology investments and improved interagency collaboration. 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.

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 are being led by the City Fleet operation at DCAS and its City's Chief Fleet Management Officer, and include the more than 50 agencies that operate City fleet vehicles, especially the 10 major fleet agencies of NYPD, FDNY, DOC, DSNY, DPR, DOT, DEP, DOE, DOHMH, and DCAS.

These initiatives currently include:

- 1) Training all authorized City fleet drivers in defensive driving. DCAS Fleet will lead 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. The City will also work with private fleets to assess and promote best industry practices.
- 3) Improving the tracking of vehicle collisions. In October 2013, the City completed implementation of a new fleet management system, NYC Fleet Focus, for managing fleet assets, parts and work orders. By mid-Fiscal 2015, this system will also be used to track collisions citywide for all non-emergency agencies. Starting fully in Fiscal 2016, the new CRASH system will be used for MMR reporting of fleet collisions.
- 4) Installing tracking devices called Canceivers in all City fleet vehicles. The Canceivers will 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 will also be part of a new fuel management program, as they electronically record information such as vehicle identification, odometer level and fuel information, providing accurate data and increasing efficiency at time of fueling.

As part of the City's centralization of its fleet management at DCAS, a new set of metrics to measure the performance and effect of this initiative was introduced in the Vehicle Fleets and Maintenance tables of the Fiscal 2013 Mayor's Management Report. With this year's MMR, there are now two 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), please visit: <http://www.nyc.gov/html/dep/html/home/home.shtml>.

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual	FY14 Annual Target	FY15 Annual Target
<b>CITYWIDE FLEET SIZE</b>	<b>25,855</b>	<b>27,300</b>	<b>26,400</b>	<b>27,000</b>
- Light Duty	11,186	11,595	*	*
- Medium Duty	4,919	5,014	*	*
- Heavy Duty	6,903	7,022	*	*
- Other Vehicles	2,786	3,669	*	*
Vehicle in-service rate (%)	91%	90%	90%	90%
Daily fleet in-service targets achieved (%)	97%	89%	90%	90%
Fleet consolidation projects, completed	12	3	4	1
Purchased vehicles compliant with Local Law 38 (%)	94%	99%	95%	95%
Alternative fuel vehicles	9,433	13,233	11,450	13,630
Alternative fuel vehicles in City fleet (%)	41%	56%	50%	58%
Vehicle fuel used (gallons)	30,611,112	30,074,423	29,000,000	29,000,000
- Biodiesel fuel used (gallons)	11,925,594	14,077,352	12,000,000	13,000,000
Electric chargers installed	16	52	30	40
Vehicles purchased	3,236	3,173	3,000	3,000
Average age of fleet (months)	72	74	72	72
Collisions in City vehicles <sup>1</sup>	5,308	5,634	*	*
Revenue from recoverable affirmative claims	\$2,828,968	\$2,289,291	*	*
Employees trained in defensive driving	2,262	2,357	2,500	11,000
Fleet repair expenditures (\$000,000)	\$207.2	\$218.0	*	*
Fleet fuel expenditures (\$000,000)	\$97.4	\$93.9	*	*
Fleet acquisition expenditures (capital) (\$000,000)	\$226.5	\$200.5	\$180.0	\$180.0
Fleet acquisition expenditures (expense) (\$000,000)	\$88.7	\$69.8	\$60.0	\$60.0
Automotive repair personnel	1,242	1,277	1,250	1,280
Fleet support personnel	351	354	350	350

<sup>1</sup>Collisions in City vehicles do not include NYPD collisions.

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

"NA" means Not Available in this report.

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 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	2,126	2,155
- Light Duty	1,632	1,646
- Medium Duty	316	310
- Heavy Duty	75	71
- Other Vehicles	103	128
Vehicle in-service rate (%)	98%	98%
Vehicles purchased	284	492
Average age of fleet (months)	70	73
Collisions in City vehicles	525	480
Revenue from recoverable affirmative claims	\$366,411	\$372,750
Employees trained in defensive driving	323	706
Agency alternative fuel vehicles	1,254	1,318
Agency fleet using alternative fuels (%)	62%	65%
Vehicle fuel used (gallons)	1,275,850	1,294,469
- Biodiesel fuel used (gallons)	0	0
Fleet repair expenditures (\$000,000)	\$5.3	\$18.0
Fleet fuel expenditures (\$000,000)	\$4.3	\$4.3
Fleet acquisition expenditures (capital) (\$000,000)	\$0.4	\$11.2
Fleet acquisition expenditures (expense) (\$000,000)	\$6.7	\$9.1
Automotive repair personnel	2	2
Fleet support personnel	24	27

## VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DCAS		
o Light Duty Vehicle (LDV) Purchases	190	201
- LDV Purchases - Zero Emission Vehicles (ZEV)	30	41
- Ford Transit Connect EV	11	0
- Nissan Leaf	19	41
- LDV Purchases - Transitional Zero Emission Vehicles (TZEV)	0	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	136	129
- Ford Fusion Hybrid	47	29
- Toyota Camry Hybrid	19	29
- Toyota Prius	70	71
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	11	0
- Toyota Highlander Hybrid	11	0
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	13	31
- Chevrolet Tahoe Hybrid	2	0
- Dodge Grand Caravan	0	9
- Ford E-150	9	2
- Ford F-150	1	0
- Ford Escape	1	8
- Ford Explorer	0	3
- GMC Yukon	0	6
- Toyota Prius	0	1
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	23	45
- 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	28
- Chevrolet Express CNG	0	28
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	16	17
- Chevrolet Express	0	5
- Ford E-250	0	2
- Ford E-350	13	9
- Ford F-250	3	1
- MDV Purchases - Low Emission Vehicles (LEV)	7	0
- Chevrolet Express	7	0

## VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
<b>DEPARTMENT OF ENVIRONMENTAL PROTECTION</b>		
Total Vehicles	1,943	2,019
- Light Duty	680	755
- Medium Duty	459	439
- Heavy Duty	459	456
- Other Vehicles	345	369
Vehicle in-service rate (%)	92%	90%
Vehicles purchased	208	315
Average age of fleet (months)	90	90
Collisions in City vehicles	350	370
Revenue from recoverable affirmative claims	\$23,379	\$18,862
Employees trained in defensive driving	350	6
Agency alternative fuel vehicles	495	528
Agency fleet using alternative fuels (%)	31%	32%
Vehicle fuel used (gallons)	962,094	991,635
- Biodiesel fuel used (gallons)	310,986	331,004
Fleet repair expenditures (\$000,000)	\$5.2	\$2.9
Fleet fuel expenditures (\$000,000)	\$3.1	\$3.1
Fleet acquisition expenditures (capital) (\$000,000)	\$7.5	\$23.3
Fleet acquisition expenditures (expense) (\$000,000)	\$4.4	\$4.9
Automotive repair personnel	11	9
Fleet support personnel	8	10

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DEP		
o Light Duty Vehicle (LDV) Purchases	95	102
- 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)	22	78
- Toyota Prius	18	72
- Ford Fusion Hybrid	4	6
- LDV Purchases - Partial Zero Emission Vehicles (PZEV)	0	0
- LDV Purchases - Super Ultra Low Emission Vehicles (SULEV)	13	0
- Toyota Highlander Hybrid	13	0
- LDV Purchases - Ultra Low Emission Vehicles (ULEV)	60	24
- Chevrolet Tahoe Hybrid	1	0
- Ford Escape	40	0
- Ford F-150	13	2
- Ford E-150	6	0
- Ford Transit Connect	0	22
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	60	33
- 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)	60	33
- Ford E-350	0	1
- Ford F-250	60	32
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
<b>DEPARTMENT OF HEALTH AND MENTAL HYGIENE</b>		
Total Vehicles	279	280
- Light Duty	194	200
- Medium Duty	78	72
- Heavy Duty	6	6
- Other Vehicles	1	2
Vehicle in-service rate (%)	97%	97%
Vehicles purchased	17	2
Average age of fleet (months)	87	96
Collisions in City vehicles	49	32
Revenue from recoverable affirmative claims	\$41,347	\$38,546
Employees trained in defensive driving	10	448
Agency alternative fuel vehicles	181	183
Agency fleet using alternative fuels (%)	65%	66%
Vehicle fuel used (gallons)	114,461	104,236
- Biodiesel fuel used (gallons)	0	0
Fleet repair expenditures (\$000,000)	\$1.7	\$1.6
Fleet fuel expenditures (\$000,000)	\$0.4	\$0.3
Fleet acquisition expenditures (capital) (\$000,000)	\$0.0	\$0.0
Fleet acquisition expenditures (expense) (\$000,000)	\$0.5	\$0.5
Automotive repair personnel	0	0
Fleet support personnel	28	26

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DOHMH		
o Light Duty Vehicle (LDV) Purchases	17	2
- 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)	11	2
- Ford Fusion Hybrid	11	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)	6	0
- Ford Escape	4	0
- Ford F-150	2	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
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
<b>DEPARTMENT OF TRANSPORTATION</b>		
Total Vehicles	<b>2,581</b>	<b>2,787</b>
- Light Duty	645	762
- Medium Duty	476	500
- Heavy Duty	913	904
- Other Vehicles	547	621
Vehicle in-service rate (%)	89%	88%
Vehicles purchased	106	176
Average age of fleet (months)	105	107
Collisions in City vehicles	356	366
Revenue from recoverable affirmative claims	\$140,340	\$86,115
Employees trained in defensive driving	300	5
Agency alternative fuel vehicles	509	1,386
Agency fleet using alternative fuels (%)	25%	64%
Vehicle fuel used (gallons)	2,190,372	2,225,214
- Biodiesel fuel used (gallons)	767,143	712,206
Fleet repair expenditures (\$000,000)	\$22.4	\$20.7
Fleet fuel expenditures (\$000,000)	\$7.1	\$7.2
Fleet acquisition expenditures (capital) (\$000,000)	\$0.7	\$1.8
Fleet acquisition expenditures (expense) (\$000,000)	\$2.6	\$4.0
Automotive repair personnel	135	134
Fleet support personnel	21	20

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DOT		
o Light Duty Vehicle (LDV) Purchases	40	76
- LDV Purchases - Zero Emission Vehicles (ZEV)	4	1
- Nissan Leaf	3	1
- Ford Focus EV	1	0
- LDV Purchases - Transitional Zero Emission Vehicles (TZEV)	0	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	24	50
- Ford Fusion Hybrid	1	2
- Toyota Prius	23	48
- 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)	12	25
- Chevrolet Tahoe Hybrid	5	0
- Chevrolet Volt	3	0
- Ford Escape	0	9
- Ford E-150	0	3
- Ford F-150	4	13
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	32	18
- 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)	32	18
- Ford E-350	16	0
- Ford F-250	7	18
- Ford F-350	6	0
- Chevrolet Silverado Hybrid	2	0
- Ford E-250	1	0
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

## VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
<b>DEPARTMENT OF SANITATION</b>		
Total Vehicles	5,574	5,810
- Light Duty	986	999
- Medium Duty	285	312
- Heavy Duty	3,940	4,015
- Other Vehicles	363	484
Vehicle in-service rate (%)	84%	82%
Vehicles purchased	574	431
Average age of fleet (months)	65	71
Collisions in City vehicles	2,093	2,412
Revenue from recoverable affirmative claims	\$156,672	\$101,695
Employees trained in defensive driving	18	45
Agency alternative fuel vehicles	4,794	4,953
Agency fleet using alternative fuels (%)	92%	93%
Vehicle fuel used (gallons)	10,495,700	10,982,384
- Biodiesel fuel used (gallons)	9,793,629	9,719,708
Fleet repair expenditures (\$000,000)	\$92.1	\$98.7
Fleet fuel expenditures (\$000,000)	\$34.5	\$35.2
Fleet acquisition expenditures (capital) (\$000,000)	\$99.4	\$78.5
Fleet acquisition expenditures (expense) (\$000,000)	\$4.0	\$2.1
Automotive repair personnel	627	647
Fleet support personnel	104	102

## VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DSNY		
o Light Duty Vehicle (LDV) Purchases	151	49
- LDV Purchases - Zero Emission Vehicles (ZEV)	18	0
- Nissan Leaf	18	0
- LDV Purchases - Transitional Zero Emission Vehicles (TZEV)	0	0
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	70	23
- Ford Escape Hybrid	0	0
- Ford Fusion Hybrid	70	23
- 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)	63	26
- Ford Escape	61	24
- Ford Explorer	0	2
- Ford F-150	2	0
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	11	2
- 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	2
- Ford F-250	7	0
- Ford E-350	3	2
- Ford F-350	1	0
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
<b>DEPARTMENT OF PARKS AND RECREATION</b>		
Total Vehicles	2,523	2,954
- Light Duty	577	572
- Medium Duty	879	913
- Heavy Duty	364	388
- Other Vehicles	703	1,081
Vehicle in-service rate (%)	95%	96%
Vehicles purchased	115	186
Average age of fleet (months)	79	86
Collisions in City vehicles	442	487
Revenue from recoverable affirmative claims	\$11,371	\$10,859
Employees trained in defensive driving	1,000	942
Agency alternative fuel vehicles	1,037	1,124
Agency fleet using alternative fuels (%)	57%	60%
Vehicle fuel used (gallons)	1,688,590	1,616,155
- Biodiesel fuel used (gallons)	698,395	672,189
Fleet repair expenditures (\$000,000)	\$8.6	\$7.9
Fleet fuel expenditures (\$000,000)	\$5.2	\$4.9
Fleet acquisition expenditures (capital) (\$000,000)	\$5.9	\$7.8
Fleet acquisition expenditures (expense) (\$000,000)	\$1.7	\$2.0
Automotive repair personnel	21	26
Fleet support personnel	28	27

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DPR		
o Light Duty Vehicle (LDV) Purchases	15	28
- LDV Purchases - Zero Emission Vehicles (ZEV)	3	8
- Nissan Leaf	3	8
- LDV Purchases - Transitional Zero Emission Vehicles (TZEV)	0	6
- Chevrolet Volt	0	6
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	1	1
- Ford Fusion Hybrid	1	0
- Toyota Prius	0	1
- 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)	11	13
- Ford Escape	5	9
- Ford E-150	4	4
- Ford F-150	2	0
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	26	71
- 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	34
- Chevrolet CNG	0	34
- MDV Purchases - Ultra Low Emission Vehicles (ULEV)	26	37
- Chevrolet Express	0	2
- Ford E-350	24	1
- Ford F-250	2	34
- MDV Purchases - Low Emission Vehicles (LEV)	0	0
- Chevrolet Express	0	0

## VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
<b>POLICE DEPARTMENT</b>		
Total Vehicles	7,913	8,323
- Light Duty	5,813	5,945
- Medium Duty	1,174	1,236
- Heavy Duty	327	309
- Other Vehicles	599	833
Vehicle in-service rate (%)	94%	92%
Vehicles purchased	1,565	1,194
Average age of fleet (months)	52	54
Collisions in City vehicles <sup>1</sup>	5.3	3.5
Revenue from recoverable affirmative claims	\$1,975,493	\$1,559,616
Employees trained in defensive driving	120	8
Agency alternative fuel vehicles	1,317	2,322
Agency fleet using alternative fuels (%)	18%	31%
Vehicle fuel used (gallons)	9,337,204	8,308,850
- Biodiesel fuel used (gallons)	47,650	373,452
Fleet repair expenditures (\$000,000)	\$35.5	\$35.5
Fleet fuel expenditures (\$000,000)	\$28.0	\$24.3
Fleet acquisition expenditures (capital) (\$000,000)	\$5.6	\$15.7
Fleet acquisition expenditures (expense) (\$000,000)	\$60.2	\$37.6
Automotive repair personnel	270	268
Fleet support personnel	70	73

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

## VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - NYPD		
o Light Duty Vehicle (LDV) Purchases	323	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)	297	0
- Ford Fusion Hybrid	211	0
- Toyota Prius	86	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)	26	0
- Chevrolet Tahoe Hybrid	15	0
- Ford Escape	11	0
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	21	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)	7	0
- Ford F-350	4	0
- Ford F-250	2	0
- Chevrolet Silverado Hybrid	1	0
- MDV Purchases - Low Emission Vehicles (LEV)	14	0
- Chevrolet Express	14	0

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
<b>FIRE DEPARTMENT</b>		
Total Vehicles	2,062	2,143
- Light Duty	328	363
- Medium Duty	534	473
- Heavy Duty	124	132
- Other Vehicles	103	129
- Pumpers (Engines)	268	279
- Ladders	194	228
- Ambulances	483	512
- Rescue	28	27
Vehicle in-service rate (%)	83%	80%
Vehicles purchased	363	281
Average age of fleet (months)	NA	87
Collisions in City vehicles	1,240	1,181
- Ambulance	793	730
- Apparatus	447	451
Revenue from recoverable affirmative claims	\$51,568	\$30,482
Employees trained in defensive driving	139	4
Agency alternative fuel vehicles	78	967
Agency fleet using alternative fuels (%)	4%	48%
Vehicle fuel used (gallons)	3,779,327	3,768,103
- Biodiesel fuel used (gallons)	0	1,940,382
Fleet repair expenditures (\$000,000)	\$33.0	\$30.1
Fleet fuel expenditures (\$000,000)	\$12.3	\$12.2
Fleet acquisition expenditures (capital) (\$000,000)	\$106.4	\$56.8
Fleet acquisition expenditures (expense) (\$000,000)	\$8.2	\$9.0
Automotive repair personnel	154	167
Fleet support personnel	66	67

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - FDNY		
o Light Duty Vehicle (LDV) Purchases	21	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)	2	0
- Toyota Prius	2	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)	19	0
- Chevrolet Tahoe Hybrid	19	0
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	3	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)	3	0
- Ford E-350	2	0
- Ford F-250	1	0
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

## VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
<b>DEPARTMENT OF CORRECTION</b>		
Total Vehicles	484	493
- Light Duty	156	157
- Medium Duty	123	129
- Heavy Duty	183	185
- Other Vehicles	22	22
Vehicle in-service rate (%)	98%	94%
Vehicles purchased	12	61
Average age of fleet (months)	87	94
Collisions in City vehicles	60	104
Revenue from recoverable affirmative claims	\$8,680	\$7,174
Employees trained in defensive driving	0	3
Agency alternative fuel vehicles	51	254
Agency fleet using alternative fuels (%)	11%	54%
Vehicle fuel used (gallons)	565,939	573,838
- Biodiesel fuel used (gallons)	307,791	328,411
Fleet repair expenditures (\$000,000)	\$2.8	\$2.3
Fleet fuel expenditures (\$000,000)	\$1.8	\$1.8
Fleet acquisition expenditures (capital) (\$000,000)	\$0.6	\$5.5
Fleet acquisition expenditures (expense) (\$000,000)	\$0.4	\$0.1
Automotive repair personnel	21	23
Fleet support personnel	1	1

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DOC		
o Light Duty Vehicle (LDV) Purchases	10	5
- 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	5
- Ford Fusion Hybrid	0	5
- 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	0
- Ford Escape	7	0
- Chevrolet Tahoe Hybrid	3	0
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	16	14
- 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)	16	14
- Ford E-350	16	14
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

## VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
<b>DEPARTMENT OF EDUCATION</b>		
Total Vehicles	309	336
- Light Duty	175	196
- Medium Duty	112	118
- Heavy Duty	22	22
- Other Vehicles	0	0
Vehicle in-service rate (%)	97%	98%
Vehicles purchased	0	35
Average age of fleet (months)	55	60
Collisions in City vehicles	64	45
Revenue from recoverable affirmative claims	\$53,707	\$63,192
Employees trained in defensive driving	2	190
Agency alternative fuel vehicles	80	87
Agency fleet using alternative fuels (%)	26%	26%
Vehicle fuel used (gallons)	201,576	209,539
- Biodiesel fuel used (gallons)	0	0
Fleet repair expenditures (\$000,000)	\$0.3	\$0.4
Fleet fuel expenditures (\$000,000)	\$0.7	\$0.7
Fleet acquisition expenditures (capital) (\$000,000)	\$0.0	\$0.0
Fleet acquisition expenditures (expense) (\$000,000)	\$0.0	\$0.9
Automotive repair personnel	1	1
Fleet support personnel	1	1

# VEHICLE FLEETS AND MAINTENANCE

INDICATORS	FY13 Annual Actual	FY14 Annual Actual
Applicable Agency Light-Duty and Medium-Duty Vehicle Purchases by California LEV II Standards - DOE		
o Light Duty Vehicle (LDV) Purchases	0	24
- LDV Purchases - Zero Emission Vehicles (ZEV)	0	5
- Nissan Leaf	0	5
- LDV Purchases - Transitional Zero Emission Vehicles (TZEV)	0	2
- Chevrolet Volt	0	2
- LDV Purchases - Advanced Technology Partial Zero Emission Vehicles (ATPZEV)	0	16
- Ford Fusion Hybrid	0	15
- Toyota Camry Hybrid	0	1
- 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	1
- Dodge Grand Caravan	0	1
- LDV Purchases - Low Emission Vehicles (LEV)	0	0
o Medium Duty Vehicle (MDV) Purchases	0	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)	0	11
- Chevrolet Express	0	1
- Ford E-350	0	10
- MDV Purchases - Low Emission Vehicles (LEV)	0	0

# VEHICLE FLEETS AND MAINTENANCE

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## DEFINITIONS

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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 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.

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.

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.

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# 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  
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