

Presentation, NAFA 2017 Institute Tampa Bay, Florida

April 28, 2017

New York City Department of
Citywide Administrative Services



NYC Fleet Fun Facts

NYC operates the largest municipal fleet in the world.

How many on and off road fleet units are there?

- A. 17,842
- B. 22,623
- C. 29,628
- D. 38,155



NYC Fleet Fun Facts

As per the Fiscal Year 17 Preliminary Mayor's Management Report:

A. 17,842

B. 22,623

C. 29,628

D. 38,155



NYC Fleet Fun Facts

NYC has put in place one of the most sustainable large fleets in the world.

Which agency operates the most alternative fuel designed vehicles?

- A. Sanitation
- B. Parks
- C. Environmental Protection
- D. Transportation
- E. Police
- F. Fire



NYC Fleet Fun Facts

NYPD has the largest alternative fuel fleet, mostly hybrids, with 1,833 units.

A. Sanitation

B. Parks

C. Environmental Protection

D. Transportation

E. Police

F. Fire



NYC Fleet Fun Facts

In FY16, NYC implemented its largest program of buying new vehicles ever.

NYC spent how much on new fleet units?

- A. \$325 million
- B. \$106 million
- C. \$52 million
- D. \$1.1 billion



NYC Fleet Fun Facts

NYC spent \$325 million for new fleet units in FY16. We have already exceeded this amount in FY17 with two months to go....

A. \$325 million

B. \$106 million

C. \$52 million

D. \$1.1 billion



NYC Fleet Fun Facts

NYC uses over 300 different makes of vehicle and equipment in its fleet. The largest single make is:

- A. Chevy
- B. Honda
- C. Mack
- D. Ford
- E. Toyota
- F. Volvo
- G. Seagrave
- H. GMC
- I. John Deere



NYC Fleet Fun Facts

Fords are the largest single make, by far, in the NYC Fleet with over 10,000 units. Mack, Chevy and Toyota are the next three largest with over 3,000 each.

A. Chevy

B. Honda

C. Mack

D. Ford

E. Toyota

F. Volvo

G. Seagrave

H. GMC

I. John Deere



NYC Fleet Fun Facts

Final Question. NYC's oldest fleet vehicle is a Chrysler Phaeton Parade Car. What model year is it?

- A. 1923
- B. 1952
- C. 1964
- D. 1971
- E. 1980





NYC Fleet Fun Facts

Hopefully, the license plate gave it away.....

A. 1923

B. 1952

C. 1964

D. 1971

E. 1980





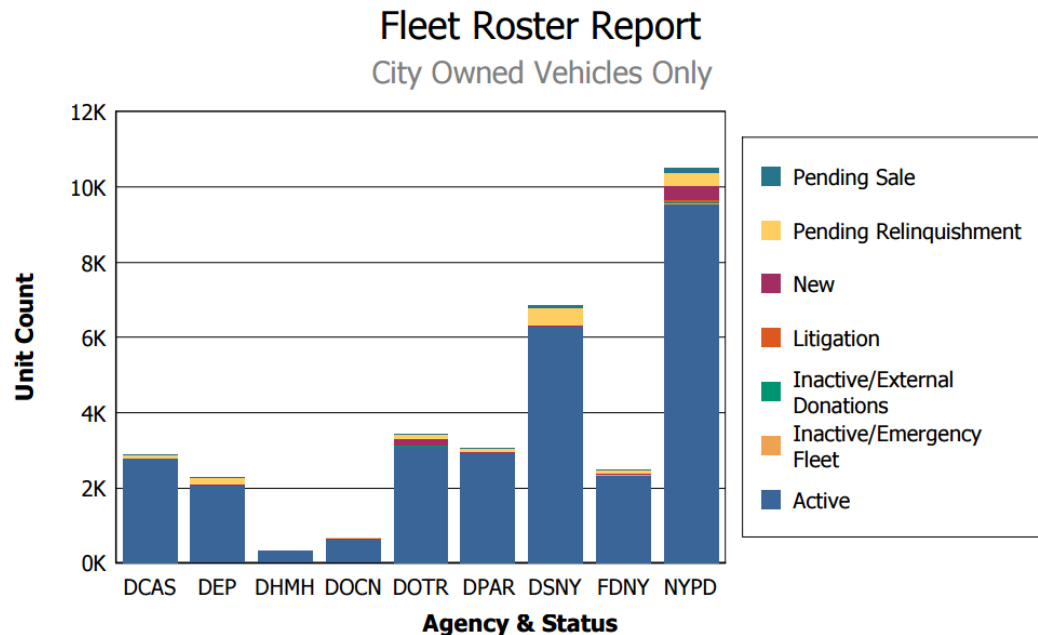
NYC Fleet: America's Largest Municipal Fleet

Our priorities...

- Vision Zero and Safety
- NYC Clean Fleet and Sustainability
- Shared Services and Fleet Efficiency
- FleetStat and Transparency
- Emergency Response and Preparedness



NYC operates the largest municipal fleet in the US with nearly 30,000 vehicles. We manage 37 dedicated repair facilities, over 100 dispatch garages, over 400 fueling sites, 841 parking locations, and have over 2,000 full time staff in fleet services and dispatch. There are over 160 types of fleet unit.







NYC Citywide
Administrative Services | Fleet





NYC Citywide Administrative Services | Fleet





NYC Citywide Administrative Services | Fleet





NYC Citywide Administrative Services | Fleet





NYC Citywide Administrative Services Fleet





NYC Citywide Administrative Services Fleet





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NYC Citywide Administrative Services | Fleet





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NYC's Fleet is one of the most high profile in the world. Not a day goes by that Fleet units aren't seen in the news or on TV shows.

The day to day management of fleet takes places in the media and news capital of the world. Which can be good and bad.....



metro logo with globe icon, navigation menu (News, President Trump, Entertainment, Lifestyle, Things to Do, Body & Mind, Sports, Games), and social media icons.

Local

Sharing is caring: Fleet consolidation will save city \$415 million

By consolidating operations for a massive fleet of more than 25,000 government vehicles, New York City will save some \$415 million by 2016, officials said.

Published : October 21, 2013 [social media icons]

New York City Police Dept Terrorism Drills

By consolidating operations for a massive fleet of more than 25,000 government vehicles, including NYPD patrol cars, New York City will save some \$415 million by 2016, officials said. Credit: Getty Images

In an effort to save money and increase efficiency, city agencies adopted a tactic mastered by most first graders: sharing.

By consolidating operations for a massive fleet of more than 25,000 government vehicles. the

- Latest News dropdown menu with 8 items: 11' What to expect on your evening commute... 12' Surprise! Injuries plaguing Mets once again... 17' A NASA climate scientist explains what research is showing us about the Earth right now... 22' After three weeks, French artist succeeds in hatching eggs... 1h Judge issues order to protect evidence around Hernandez death... 1h Judge issues order to protect evidence around Hernandez death... 2h Who is more popular: Donald Trump or United Airlines?



N.Y. / REGION

New York Today: Central Park's Newest Wheels

New York Today

By ALEXANDRA S. LEVINE JAN. 11, 2017



Ready to roll. Stephen Speranza for The New York Times



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The New York Times



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ABOUT NEW YORK
A Bronx Church's O'Reilly
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New York City
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N.Y. / REGION

Garbage Trucks Will Help Protect New York for New Year's Eve

By ASHLEY SOUTHALL DEC. 29, 2016



Sanitation Department trucks creating a barrier outside Trump Tower in November.
Timothy A. Clary/Agence France-Presse — Getty Images

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ONENYC: Mayor Announces City Electric Vehicle Fleet Ahead of Schedule, Half Way Toward Goal

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- Green Bay Packers

April 20, 2017

New York - In advance of Earth Day on April 22, Mayor Bill de Blasio today announced that New York City's municipal vehicle fleet is ahead of schedule to meet its target of adding 2,000 electric vehicles (EVs) by 2025. The City's vehicle fleet currently boasts more than 650 EV sedans and more than 75



Halaina Hovitz, Contributor
Journalist, Editor, Author

The Surprising Way Emergency Vehicles in Major U.S. Cities Are Going Green

06/16/2016 03:15 pm ET

When we think about the "green" car movement, chances are, we don't think about the cars that are producing more carbon monoxide while idling than any others: emergency vehicles.

In order to operate the vital equipment they use to save lives, ambulances must leave their engines running, even while parked—that translates to about 1.5 gallons of fuel emissions and nearly 33 pounds of carbon dioxide every single hour. In New York City alone, that adds up to an average of 20 hours per ambulance, per day. Multiply that by the entire size of NYC's fleet and an operating time of 365 days a year, and the numbers become exorbitant.

Fortunately, last week, The New York City Fire Department announced plans to install a new brand of eco-friendly mobile technology in 100 of its ambulances to help reduce carbon emissions. They join cities in North Carolina and Texas who are already implementing this new equipment, an auxiliary power system called Stealth Power EMS Unit.

Once installed, the unit provides dependable power for heat, lights, camera, laptops, radio, refrigerator, chargers and power-load stretchers, all without idling.



Funded by city government, four systems per week will be installed between now and September, with about 40 completed so far.

"The New York Fire Department has the busiest EMS system nationwide, and responded to more than 1.5 million calls last year," said Devin Scott, CEO, Stealth Power. "Our technology offers fast access to power which aids first responders' lifesaving efforts while creating a better work, patient, and community environment."



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TRENDING

Yes, Ladies, It IS Your Job To Make Your Man Happy

11 Things You Should Know About North Korea's Secret Nuclear Program

Etiquette Experts Weigh In On Trump's Awkward Walking Distance From Melania

Sarah Palin Just Single-Handedly Ruined O-



Supporting TreesCount! 20 BMW i3 Electric Cars Donated to New York City Parks





Government Fleet Top News

NYC Orders 50 Chevrolet Bolt EVs

November 30, 2016

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Photo courtesy of GM

New York City is purchasing 50 Chevrolet Bolt all-electric vehicles for its fleet, the NYC Department of Citywide Administrative Services (DCAS) announced. The new contract will help the city reach its goal of acquiring 1,000 electric vehicles by the end of 2017, creating



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NEWS WEATHER POLITICS SPORTS LIFESTYLES SHOWS ABOUT US

Friday, April 21, 2017

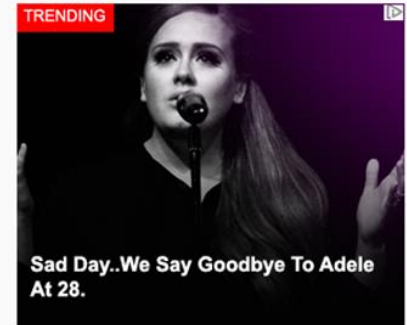
City Shows Off New Fleet Vehicles at Queens Event

By NY1 News
Friday, May 13, 2016 at 07:39 AM EDT





EXCLUSIVE: Zero NYC government vehicles involved in fatal accidents over the last year



MOST POPULAR



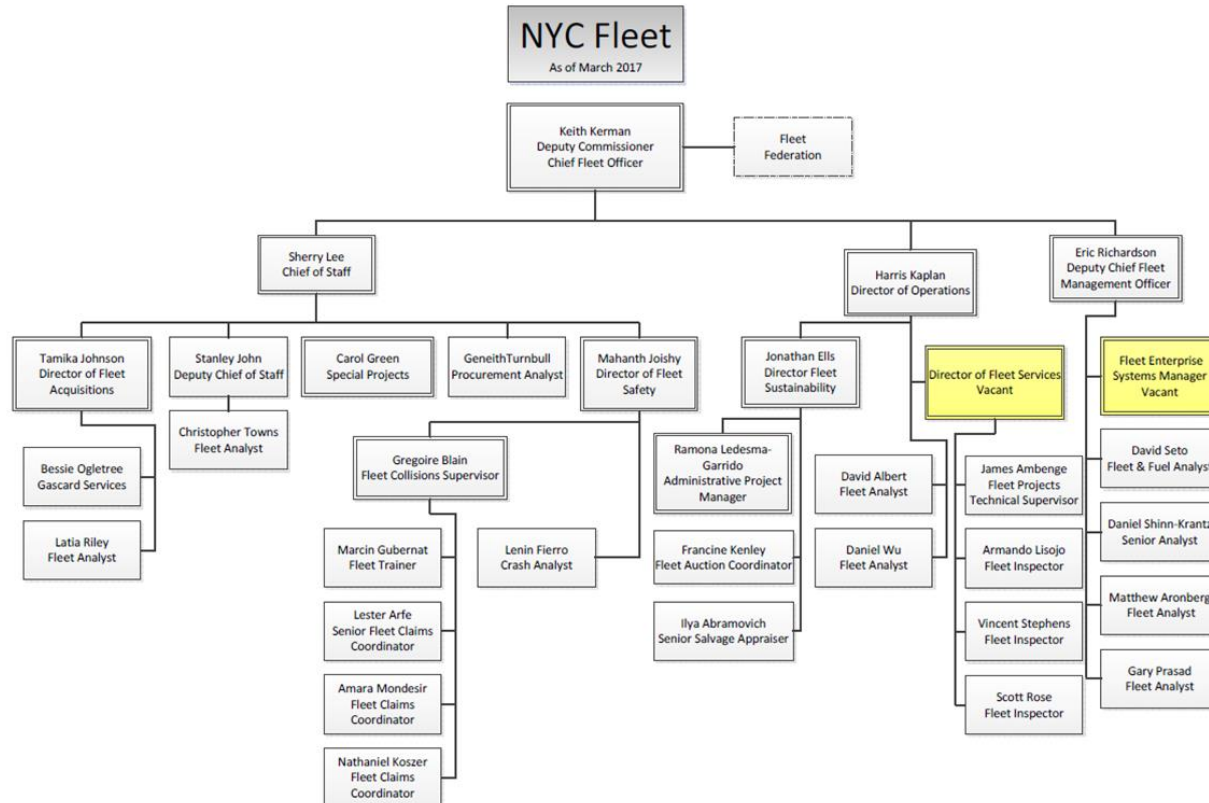


Nearly 50 agencies operate vehicles. The 12 largest are known as the Fleet Federation and include Police, Fire Sanitation, Parks, Environmental Protection, Transportation, Correction, Education, Health, Emergency Management, Taxi and Citywide Administrative Services (DCAS) which oversees the City fleet and manages all smaller fleet agencies. The Fleet Federation meets biweekly.





While NYC Fleet represents over 2,000 City staff, the central administration at DCAS is 34 staff, divided into Operations, Systems Planning, and Management and Budget.





NYC spends over \$860 million annually on fleet related expenses.

NYC Fleet Costs FY16	
Cost Area	(\$)
Capital vehicle acquisitions	\$215,318,586
Expense vehicle acquisitions	\$109,436,961
Personnel costs (with fringe)	\$225,725,566
Fuel	\$47,010,972
Parts and motor oil	\$64,322,911
Contracts	\$18,406,144
Renting and leasing equipment	\$31,470,854
Revenue (claims, auction)	(\$10,202,341)
Litigation, Fleet Collisions	\$158,680,043
Total	\$860,169,698



NYC Fleet was established in April 2012 by Mayoral Executive Order (EO) replacing an older Office of Fleet Administration (OFA).

The EO:

- Requires shared servicing of vehicles across agencies
- Establishes the City's first Chief Fleet Officer (CFMO)
- Requires common sustainability, usage, performance measurement, procurement, and acquisitions policies across all agencies
- Creates the Fleet Federation for inter-agency management of fleet issues
- Places authority for all fleet resource authorization in the CFMO along with OMB.



THE CITY OF NEW YORK
OFFICE OF THE MAYOR
NEW YORK, N.Y. 10007

EXECUTIVE ORDER No. 161

April 23, 2012

CITYWIDE CONSOLIDATION OF FLEET OPERATIONS, FLEET MAINTENANCE AND RELATED MATTERS

WHEREAS, the City operates a large fleet ("City Fleet") of vehicles and motorized equipment and an extensive network of repair, maintenance and fueling facilities and resources that is critical to the daily provision of municipal services; and

WHEREAS, the City Fleet is currently managed in a decentralized manner across agencies with limited sharing of mechanical and technical expertise, fleet resources, and agency facilities; and

WHEREAS, individual City agencies have implemented a wide variety of best fleet practices and innovations in the areas of repair and servicing, fueling, equipment specification, environmental policy, and training, the citywide implementation of which would benefit all agencies; and

WHEREAS, the consolidation and sharing of services offers the opportunity to achieve significant cost savings and improvements in services; and

WHEREAS, New York City Charter section 827 directs that the Department of Citywide Administrative Services ("DCAS") "acquire by purchase, lease or otherwise, vehicles and other automotive equipment for the use of city agencies; manage, maintain, store and operate a fleet of motor vehicles; assign fleets to agencies in accordance with the direction of the mayor and ensure the effective operation of all shops, yards, garages, fuel depots, and other facilities required for the maintenance of fleets operated by agencies; and ensure the maintenance of records for all city-owned vehicles;"

NOW, THEREFORE, by the power vested in me as the Mayor of the City of New York, it is hereby ordered:

Section 1. City Fleet Service Consolidation Plan. After appropriate consultation with affected agencies, DCAS shall develop and execute a plan ("City Fleet Service Consolidation Plan") for the consolidation and sharing of fleet repair, maintenance, garage, and fueling resources



Fleet has its own section of the Mayor's Management Report (MMR)

VEHICLE FLEETS AND MAINTENANCE				
INDICATORS	FY15 Annual Actual	FY16 Annual Actual	FY16 Annual Target	FY17 Annual Target
CITYWIDE FLEET SIZE	27,844	29,374	27,700	29,500
- Light Duty	11,734	12,605	11,600	12,600
- Medium Duty	4,757	4,823	4,900	4,900
- Heavy Duty	7,203	7,184	7,100	7,200
- Other Vehicles	4,150	4,760	4,100	4,800
Vehicle in-service rate (%)	90%	91%	90%	90%
Daily fleet in-service targets achieved (%)	93%	89%	90%	88%
Fleet garages/parts operations consolidated	7	0	0	1
Purchased vehicles compliant with Local Law 38 (%)	98%	98%	95%	95%
Alternative fuel vehicles	15,491	16,681	16,000	17,000
Alternative fuel vehicles in City fleet (%)	57%	59%	60%	62%
Vehicle fuel used (gallons)	29,212,219	28,865,173	29,000,000	28,500,000
- Biodiesel fuel used (gallons)	15,595,726	15,281,204	15,500,000	15,500,000
Electric chargers installed	48	55	40	100
Vehicles purchased	3,131	4,352	3,000	3,000
Average age of fleet (months)	75	72	72	72
Collisions in City vehicles ¹	5,726	6,344	-	-
Preventable collisions in City vehicles ²	2,673	2,615	-	-
Injuries involving collisions in City vehicles	668	616	-	-
Fatalities involving collisions in City vehicles	5	1	-	-
Revenue from recoverable affirmative claims	\$1,937,675	\$2,680,961	-	-
Employees trained in defensive driving	15,266	7,929	11,000	8,000
Fleet repair expenditures (\$000,000)	\$230.8	\$235.3	-	-
Fleet fuel expenditures (\$000,000)	\$68.7	\$46.0	-	-
Fleet acquisition expenditures (capital) (\$000,000)	\$206.8	\$215.3	\$200.0	\$220.0
Fleet acquisition expenditures (expense) (\$000,000)	\$69.0	\$109.4	\$60.0	\$70.0
Automotive repair personnel	1,316	1,356	1,320	1,350
Fleet support personnel	364	384	360	380

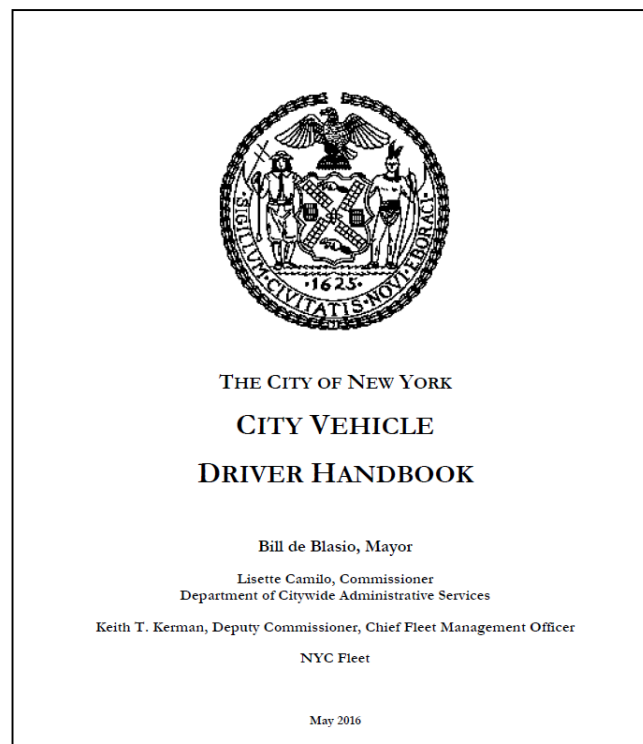
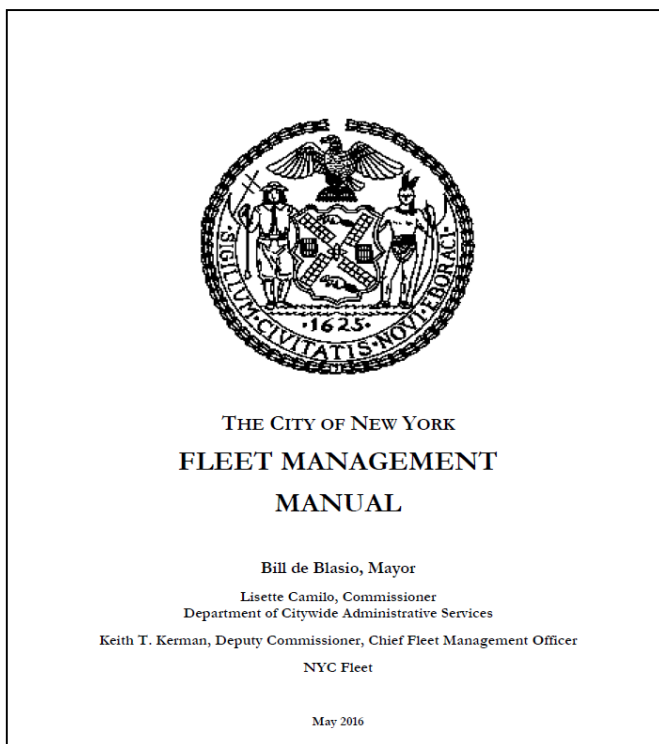


At least 18 NYC Local Laws directly impact fleet operations.

New York City Local Laws Relating to Fleet	
Local Law 77 of 2003	Use of ultra low sulfur diesel and best available technology in off-road vehicles
Local Law 38 of 2005	Purchase of cleaner light duty and medium duty vehicles
Local Law 39 of 2005	Use of ultra low sulfur diesel and best available retrofit technology for diesel motor vehicles
Local Law 55 of 2007	Reduction of greenhouse gas emissions by 30% by 2017
Local Law 43 of 2010	Use of clean heating oil in New York City
Local Law 66 of 2013	Fuel management plan in response to certain emergency events
Local Law 72 of 2013	Use of auxiliary power units in ambulances
Local Law 73 of 2013	Use of biodiesel for diesel motor vehicles and revises diesel retrofit requirement
Local Law 74 of 2013	Discontinues waivers for diesel retrofits
Local Law 75 of 2013	Calculation of and reporting on the use-based fuel economy of light and medium duty vehicles
Local Law 76 of 2013	Revises the minimum average fuel economy of light-duty vehicles
Local Law 107 of 2013	Increasing the use of biofuel in city-owned buildings
Local Law 130 of 2013	Electric vehicle charging stations in open parking lots and parking garages
Local Law 29 of 2014	Right of way for pedestrians and bicyclists
Local Law 41 of 2015	Car sharing in the city fleet
Local Law 56 of 2015	Side guards
Local Law 119 of 2016	Clean heating oil
Local Law 160 of 2016	Electric vehicle charging station pilot program
New York State Assembly	
A04106	Examination of window tint in the yearly state vehicle inspection



NYC's Fleet Management Manual and City Driver Handbook govern fleet operations citywide. These are public record documents.



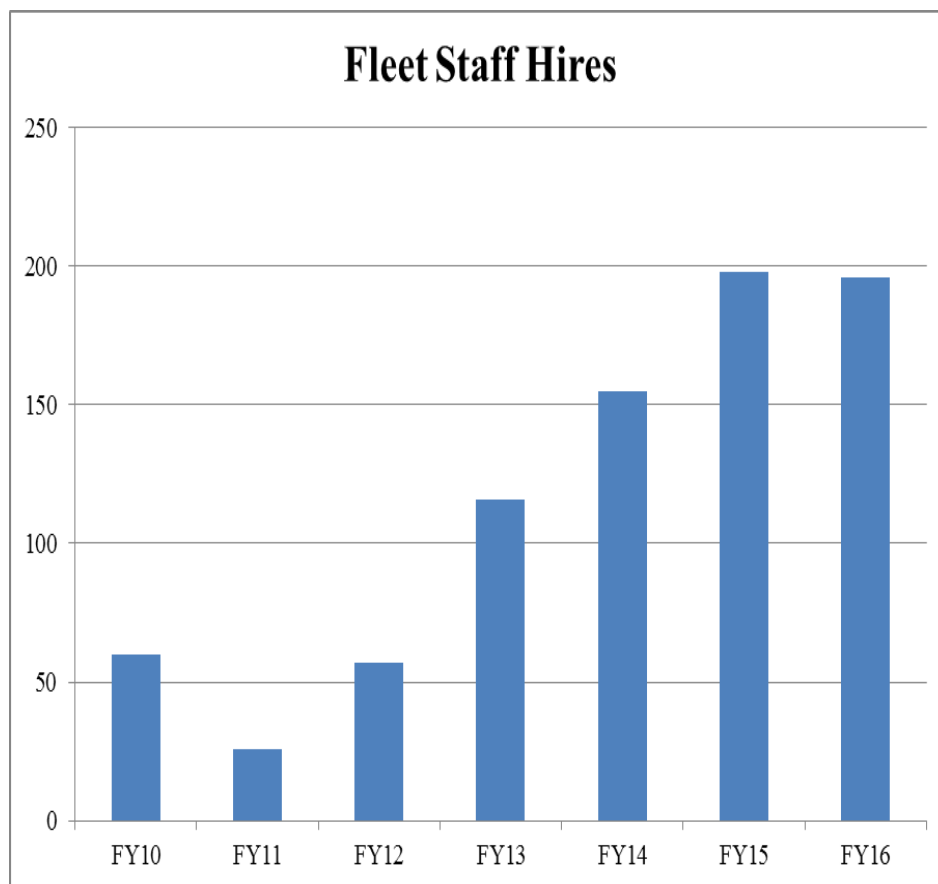


NYC Fleet maintains through DCAS a website that enables direct access to the fleet management system, car share, auction, and fuel services, and news and information about fleet including Fleet's public Newsletter.

The screenshot shows the NYC Citywide Administrative Services Fleet website. The header features the NYC logo and navigation links for 'Home', 'About DCAS', 'Doing Business with the City', 'Work for the City', and 'For City Employees'. The 'For City Employees' menu is expanded, showing options like 'Training & Professional Development', 'Citywide Personnel Programs', 'Energy Management', 'Safety & Health', and 'NYC Fleet'. A search bar is located at the top left. The main content area features a large banner for 'CAR FREE NYC' with icons for a car, a bicycle, and a pedestrian, set against a cityscape background. Below the banner is a list of services and news items, each with a small icon and a 'Learn more' link. The items include: 'NYC Fleet Newsletter and Announcements', 'NYC FleetFocus', 'Vision Zero Fleet Safety Forum', 'Collision Reporting (CRASH)', 'NYC Fleet Daily Service Report', 'Zipcar', 'FastFleet', 'Gas Cards', 'Auto Auction', 'NYC Fleet Photo Galleries', 'NYC Fleet Internships', and 'NYC Fleet Sustainability'.



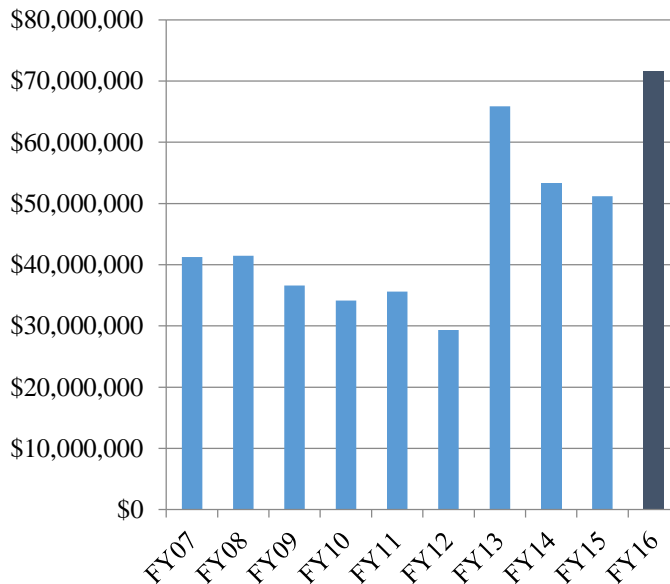
Fleet has been meeting the challenge of staff retirements with a major hiring plan for automotive staff.



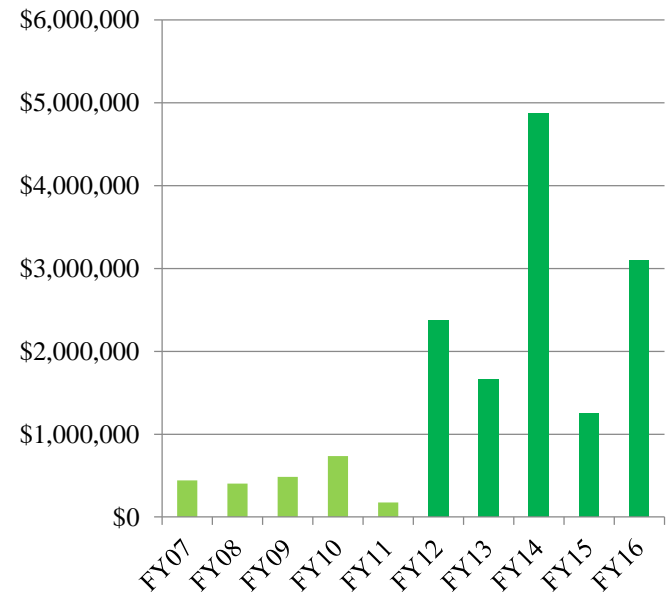


Fleet has made historic recent investments in new equipment for City staff, especially in law enforcement, public works, and alternative fuel vehicles.

NYPD Vehicle Acquisitions



Alternative Fuel Acquisitions





VISION ZERO

Mayor Bill de Blasio's Vision Zero Action Plan is New York City's foundation for ending traffic deaths and injuries on our streets.

Fleet has committed to a series of steps to improve safety as part of Vision Zero.

NYC spent over \$100 million last year in fleet collision related costs not including NYPD.

The screenshot shows the NYC Citywide Administrative Services website. At the top, there is a navigation bar with the NYC logo and the text "Citywide Administrative Services". Below the navigation bar, there are links for "Translate This Page", "Newsletter Sign-Up", and "Text Size". A search bar is located on the left side of the page. The main content area features a large photo of Mayor Bill de Blasio speaking at a podium, surrounded by other officials. Below the photo, there is a caption: "On February 18, 2014 Mayor Bill de Blasio announces the City's Vision Zero plan for pedestrian safety along with Commissioners from NYPD, DOT, DOHMH, TLC, and DCAS. (Click on photo for more information.)". To the right of the photo, there is a "NYC Citywide Administrative Services Fleet" logo. Below the logo, there is a paragraph of text: "New York City operates almost 27,000 owned and leased vehicles, the largest municipal fleet in the United States. NYC maintains fleet units at 37 main repair locations and has over 400 in-house fueling locations. More than 1,700 staff work full time in fleet repair and garage operations across just the ten largest fleet operating agencies. In total, an estimated \$700 million is spent annually on fleet repair, fueling and procurement." Below this text, there are three sections: "NYC Fleet Newsletter and Announcements" with a "Learn more" link, "NYC FleetFocus" with a "Click here" link, and "Collision Reporting (CRASH)".



VISION ZERO

NYC is reviewing all its fleet and truck specifications to improve safety.

Fleet partnered with Volpe at US DOT on one part of this: the nation's largest rollout of truck side-guards.

NYC will soon publish a formal Safe Fleet Transition Plan (SFTP) to ensure that we include the safest feasible technologies in all equipment specifications moving forward.



IN THIS STORY:

City Begins Installing Truck Sideguards protecting pedestrians, bicyclists, motorcyclists. First 240 City trucks to be retrofitted with rails in 2015—making NYC the largest municipal fleet in the nation to install truck guards.



VISION ZERO

NYC Fleet is training all authorized fleet operators centrally, except for NYPD and FDNY who do their own training, in defensive driving.

In the first 3 years of the initiative, we have now trained almost 36,000 staff in the day long course.

The course features a powerful video developed by the City called **“Drive Like Your Family Lives Here”**

<https://www.youtube.com/watch?v=OAnSw3nzj0U>



Defensive Driving Classes Start Daily at DCAS

On July 28, DCAS will begin offering the state defensive driving course on a daily basis, as NYC Fleet works to bring all authorized drivers citywide into the program.

[Learn more](#)



VISION ZERO

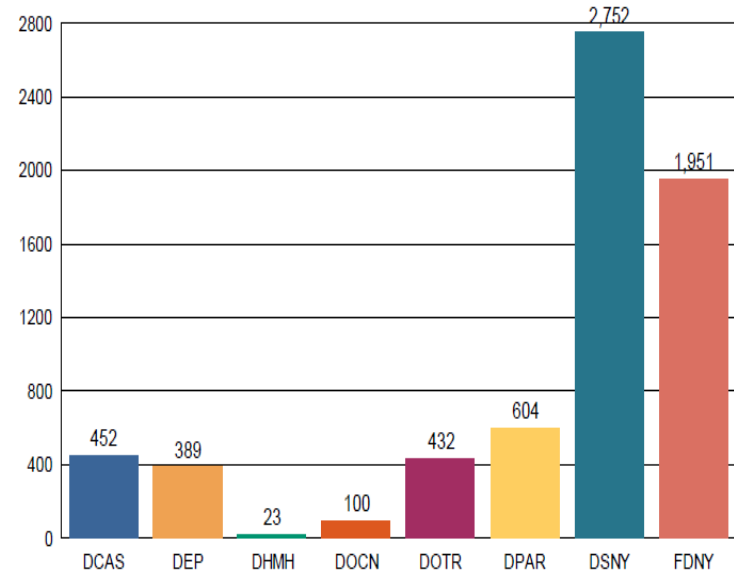
Using NYC Fleet Focus (M5) by AssetWorks, NYC created a first Citywide Collision Tracking System called CRASH.

Now all collision and evaluation reports for over 50 agencies are tracked in the fleet system along with repair records. Excluding NYPD, NYC fleet had over 6,700 collisions in 2016, most of which were minor body damage events.

Fleet fatalities and injuries have decreased each year of Vision Zero.

Citywide Collisions

Does Not Yet Include NYPD. DCAS includes Client Fleets.



CRASH Records

Total Records:	7,569	100.00%
COLLISION	6,703	88.56%
INCIDENT	866	11.44%



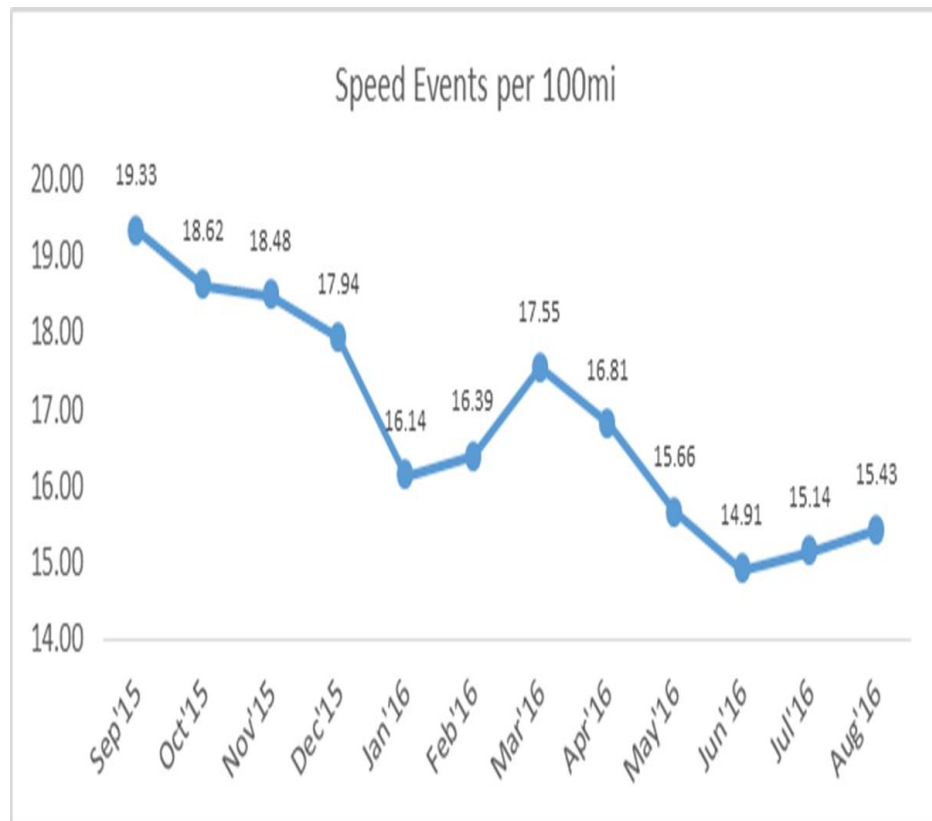
VISION ZERO

NYC is adding telematics to all its fleet units.

Currently, over 13,000 units operate vehicle tracking devices that include vehicle location and download of over 20 engine indicators including speed, seatbelt use, accelerating, and braking.

This is one of the public sector's largest telematics projects.

Fleet is using the new reporting capacities from CRASH and Speed Tracking to develop new performance measures and training materials.



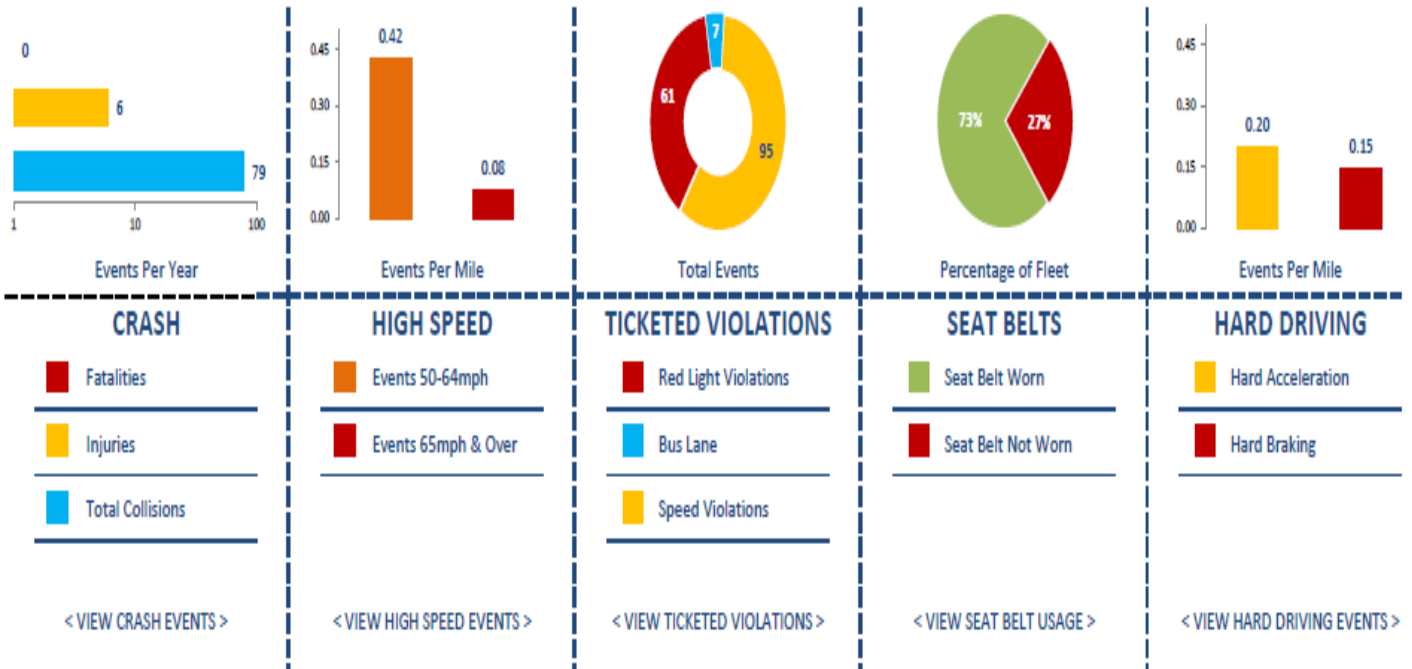


VISION ZERO

Safety Index Report – October to December 2014

NYC Cityside Administrative Services | Fleet

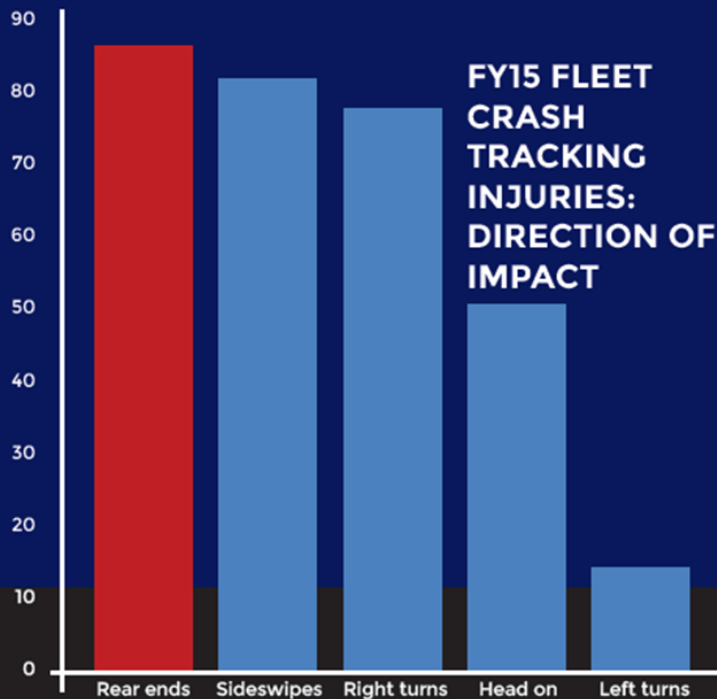
Vehicle Count: 445
 Days in Period: 92
 Miles: 539,756
 Average Miles per Vehicle: 1,213





VISION ZERO

THE LEADING CAUSE OF FLEET INJURIES IS REAR-END COLLISIONS. KEEP A SAFE FOLLOWING DISTANCE AT ALL TIMES





VISION ZERO

**SAFE DRIVING IS
FOCUSED DRIVING!
NO CELL PHONES
INCLUDING
HANDS FREE
AND NO TEXTING
WHILE DRIVING.**



**VISION
ZERO**
nyc.gov/vislonzero



VISION ZERO

**TURN CAUTIOUSLY.
MOST NYC
PEDESTRIAN
INJURIES AND
FATALITIES
OCCUR AT
INTERSECTIONS.**





VISION ZERO

SLOW DOWN

FOR A SAFER NYC

SPEED
LIMIT **25**

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nyc.gov/visionzero



VISION ZERO

**BUCKLE UP!
THE LIFE
YOU SAVE
WILL BE
YOUR OWN.**

SEAT BELTS REDUCE
CRASH-RELATED
INJURIES AND DEATHS
BY HALF

**VISION
ZERO**
nyc.gov/visionzero





VISION ZERO

NYC is partnering with private and public fleets that operate in the five boroughs to improve safety.

Fleet has hosted three Vision Zero Fleet Safety Forums for public and private fleets and over 60 private companies have publicly endorsed Vision Zero at these events.

NYC Fleet has also surveyed over 12,000 City fleet operators on safety and service in fleet as part of Vision Zero.

Among many partnerships, some private companies have begun to adopt side-guards.





VISION ZERO

Which type of equipment do you consider the most important to improving safety?

Safety Feature	Respondents	Percent
Backup Camera	6,761	34.8%
Backup Alarm	3,639	18.7%
Navigational System	3,102	16.0%
Driver Alert System	3,068	15.8%
Extra Mirrors	2,821	14.5%
Extra Lights	38	0.2%
Other Cameras	4	0.0%
Total	19,433	100.0%

-Multiple responses were allowed



VISION ZERO

**Your choices behind
the wheel matter**

VISION ZERO
nyc.gov/visionzero



NYC CLEAN FLEET

- In October 2015, Mayor de Blasio announced NYC Clean Fleet, an ambitious effort to grow our City's electric fleet and cut greenhouse gas emissions in half (50%) by 2025.
- Among many steps, NYC committed to operate at least 2,000 on-road electric vehicles by 2025, expand biodiesel and renewable diesel use, better control and right size vehicles including SUVs, and expand use of anti-idling technology in trucks.

December 2015

NYC Clean Fleet

New York City will lead by example in pursuing 80×50 transportation emissions reductions by improving the sustainability of its municipal vehicle fleet



NYC CLEAN FLEET

- NYC operates already one of the largest alternative fuel designed fleets in the country with nearly 7,500 units.
- NYC employs hybrids, electrics, natural gas units, and solar.
- NYC also uses biodiesel blends including B5, B10 and B20 in all fleet trucks, including NYPD and emergency services. We are currently working to implement initial citywide B50 and renewable diesel efforts. Biodiesel use in the fleet is mandated by law.

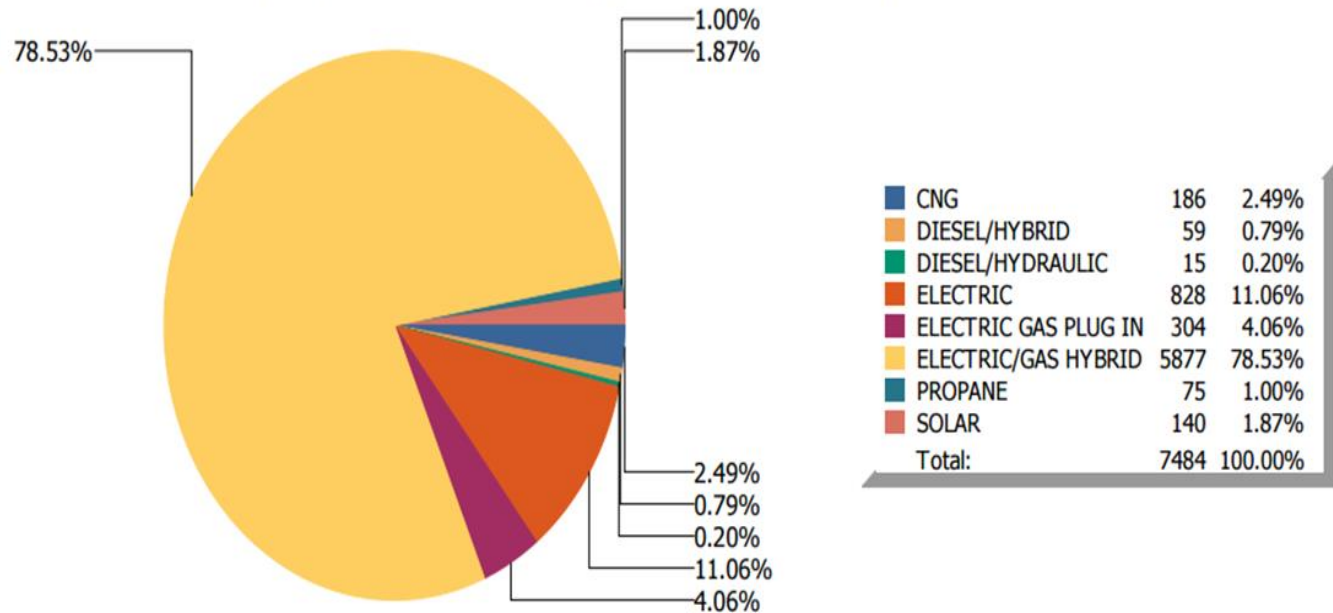




NYC CLEAN FLEET

Alternative Fleet Fuel Types

Including City Owned Active, New, and Pending Relinquishment Vehicles





NYC CLEAN FLEET





NYC CLEAN FLEET

THE CITY OF NEW YORK
OFFICE OF THE MAYOR
NEW YORK, NY 10007

FOR IMMEDIATE RELEASE, April 20, 2017

CONTACT: pressoffice@cityhall.nyc.gov, (212) 788-2958

ONENYC: MAYOR ANNOUNCES CITY ELECTRIC VEHICLE FLEET AHEAD OF SCHEDULE, HALF WAY TOWARD GOAL

New target for 20% of motor vehicles sold for use in NYC to be electric by 2025, supported by initial \$10 million capital investment in fast charging infrastructure citywide

New York – In advance of Earth Day on April 22, Mayor Bill de Blasio today announced that New York City’s municipal vehicle fleet is ahead of schedule to meet its target of adding 2,000 electric vehicles (EVs) by 2025. The City’s vehicle fleet currently boasts more than 650 EV sedans and more than 75 Stealth ambulances, which run on battery power rather than idle their engines to support on-board services. The municipal fleet will have 1,000 EV sedans by the end of July 2017, halfway toward the Clean Fleet goal, with eight years still to go.

“Just over a year ago, we committed to bring more EVs into the city fleet, making a more sustainable city,” said **Mayor Bill de Blasio**. “I am proud to say that we’re well ahead of schedule. Now it’s time to go further, by working with partners to build the infrastructure needed to make these vehicles of the future more accessible to New Yorkers. When it comes to meeting the challenge of climate change while creating a more just and equitable city, New York is leading the way.”

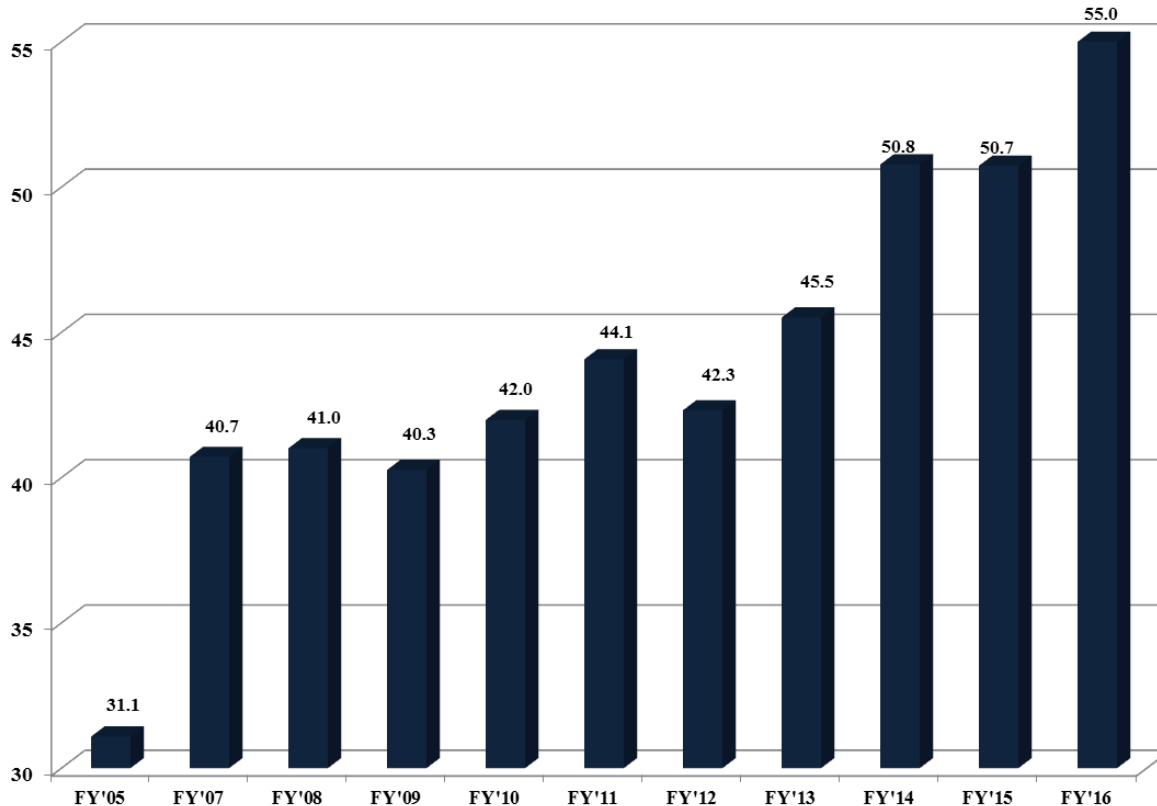
In light of this rapid expansion, Mayor de Blasio today also announced a bold new target for 20% of the motor vehicles sold for use in New York City to be electric by 2025, up from less than 1% today. This commitment includes an initial \$10 million capital investment to support fast charging infrastructure that will extend access to electric mobility across the city. The Mayor’s Office of Sustainability, the Department of Transportation (DOT), and the Department of Citywide Administrative Services (DCAS) will jointly direct this strategic investment along



NYC CLEAN FLEET

NYC Local Law 38 of 2005 requires Fleet to report a City equivalent of Federal Corporate Fuel Economy Standards (CAFE). Our new light and medium duty non-emergency fleet has already exceeded EPA's 2025 goals for federal fuel economy of 54.5 MPG.

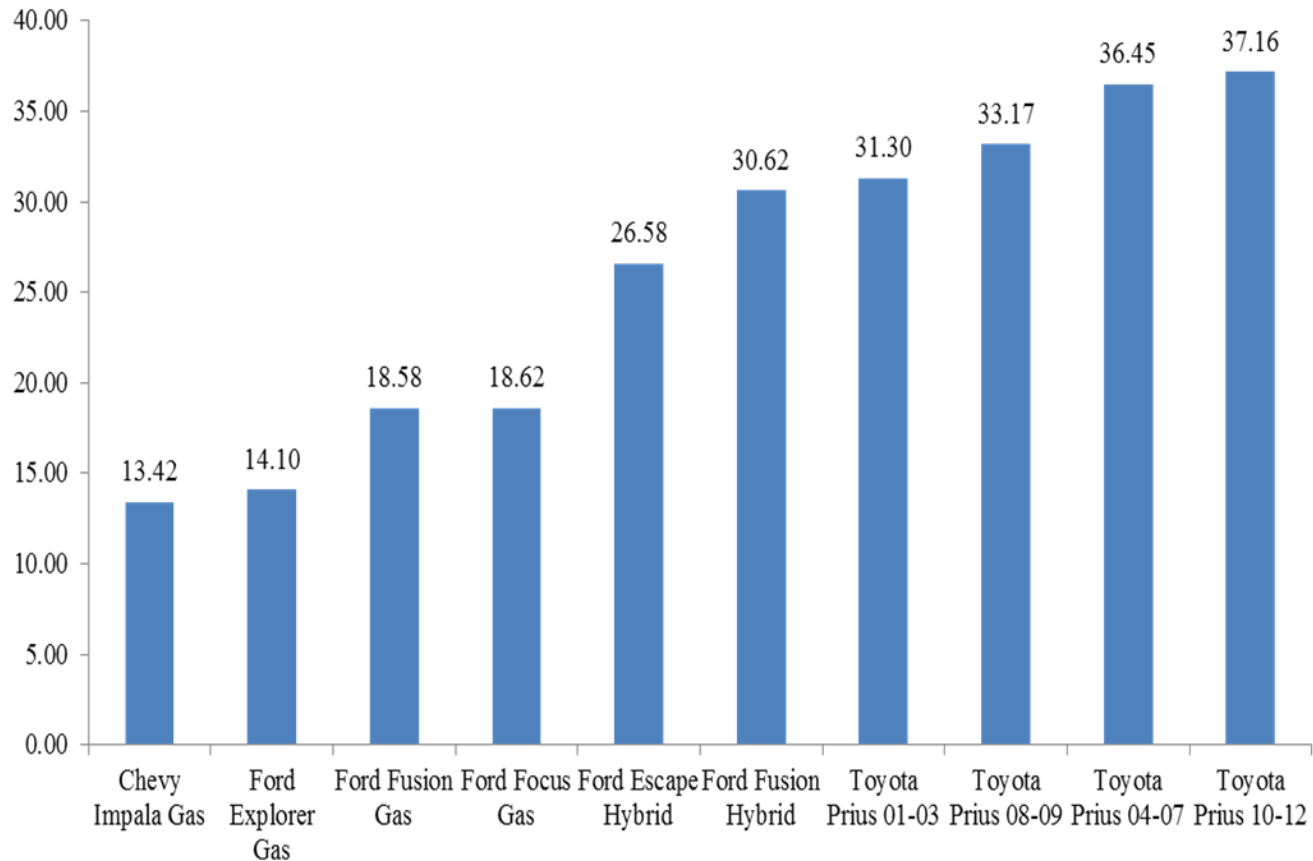
Fuel Economy By Fiscal Year





NYC CLEAN FLEET

Actual Fuel Economy (MPG)





NYC CLEAN FLEET

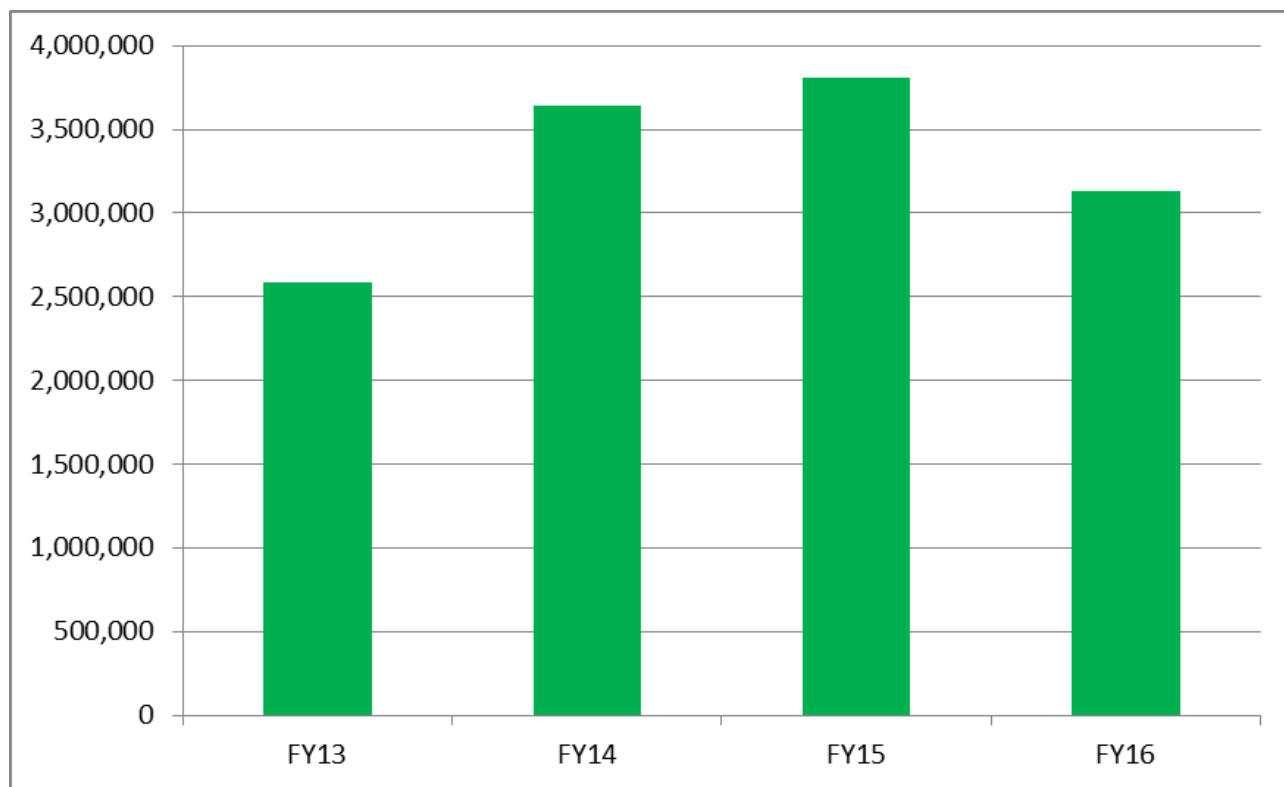
NYC first used biodiesel through a donation of B100 in 2005 at Parks.





NYC CLEAN FLEET

NYC has now used over 200 million blended gallons of biodiesel in fleet and buildings. We use over 3 million B100 equivalent gallons a year.





NYC CLEAN FLEET

NYC is also investing in anti-idling technology for trucks.

EMS / AMBULANCES

A complete smart mobile power system that operates an ambulance's auxiliary electrical load, including the A/C, heater, refrigerator, lights, radio, laptop, and camera without having to idle the vehicle's engine.

FEATURES

- Eliminates need to idle
- Powers vehicle electrical load
- Recharges while driving
- Jump start
- Safe, no maintenance
- Stealth
- Installs on any truck/van

BENEFITS

- Save money
- Save fuel
- Power when and where needed
- Decrease emissions
- Reduce dead batteries
- Extend warranty
- Increase vehicle service life
- Mitigate engine wear & tear
- Independent and vehicle applications



Address : 3300 Bee Caves Road Ste. 650, Austin TX, 78746
Phone : (512) 306-0088 Email : Info@StealthPower.net
Website : www.StealthPower.net

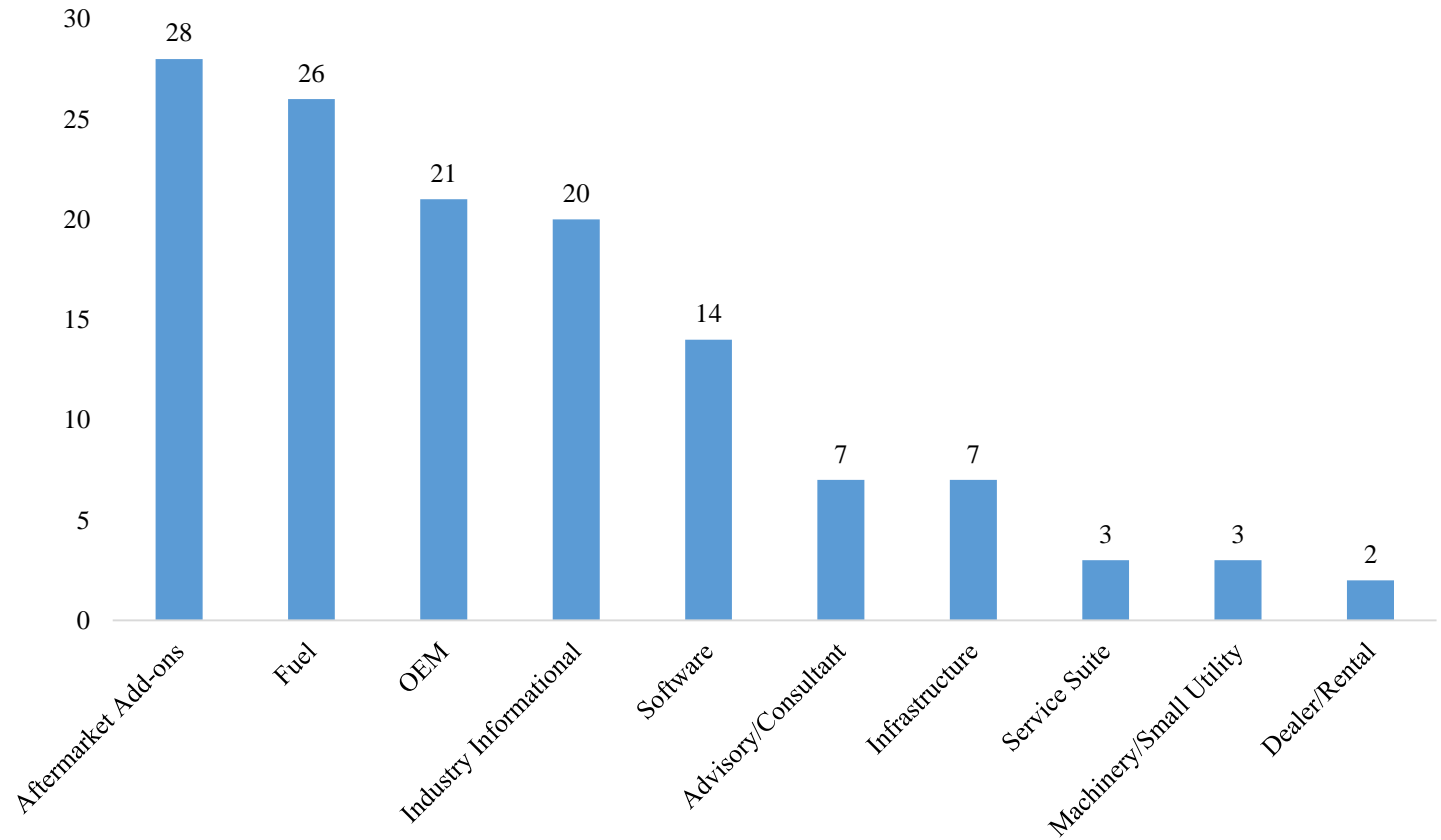
5/15/2015 13

EV Charging: <https://www.youtube.com/watch?v=olwOupweYKg>



NYC CLEAN FLEET

Clean Fleet RFI Response Categories



130 + Engagements



NYC CLEAN FLEET

1st Priority Global	Doosan Fuel Cell America	Leviton Manufacturing Co	Stealth Power
A-Best Energy	DSNY (Personal Inquiry)	LGS Group, Inc	Stomp Mobility
Acme Auto Leasing, LLC	Eco Fuel Max	Lightning Hybrids	Storr Tractor (Toro)
Air Liquide	Effenco Hybrid Solutions	Luxfer-GTM Technologies, LLC	Sustainable America
AlGalCo, LLC	eNow Solar	Major World and City World Dealer	Telogis
Altec	Envision Solar	Medicaire, LLC	Tesla
Alternative Fuels Technologies	e-ride	Merchants Fleet Management	Toyota
American Natural Gas Solutions	EV Connect	National Biodiesel Board	Toyota Material Handling USA
BAE Systems Controls Inc.	EV-Box	Neste	Tri-State Biodiesel
Bard College	EVgo (NRG)	Nexgen	Truck Lite
Black & Veatch Corporation	Falcon Road Maintenance Equipment	Nissan	United Soybean Board
Blink Network, LLC	Fermata	Novacab	Urbiotica
BMW	First Priority Green Fleet	Nuvera Fuel Cells	US Hybrid
BYD Motors, Inc.	FleetCarma	Oberon Fuels	Vehicle Tracking Solutions
Calamps	Ford	Optimus Technologies	Veniam
Calstart	Forever Green	Orange EV	Veolia
Center for Transportation & Environ	Fortbrand Services	Parker Hannifin	Vermont Energy Investment
CERMA-X Motor Oil	FR Conversions Inc.	Pinnacle Telecom Group	Village of Great Neck Plaza
ChargePoint	Free Power Systems	Plug Power	Vision Fleet
City Council - Finance	Fuel Cell and Hydrogen Energy Assoc.	POLARIS (GEM)	Volvo
City of Amsterdam	Fuel Ox	Preco Electronics	WEX
City of Raleigh	FuelCell Energy, Inc.	Progress Solar Solutions	Workhorse
Clean Energy fuels	Geotab	Proton OnSite	Wrightspeed
Closed Loop Advisors	Gladstein Neandross Assoc.	PVILION, INC	Wurth USA Inc.
Coca-Cola	GM-Chevrolet	Rahtmobile	You-Gen
Columbia University	GOEVUSA	Rastrac	Zenith
Company	Green Bridge Technologies	Renewable Energy Group	Zero Motorcycles
Compass Natural Gas	Greenlots	Rennsli Corp	
Con Edison	Grip Idle	Samsara	
ConEd	Heil Environmental Solutions	Shorepower Technologies	
Consolidated Solar	HEVO	Sierra Smart Systems	
Cummins	Hunt's Point Energy	Spear Power Systems	
Department of Energy	Hydrogen House Project	Sprague	
Derive Efficiency	Hydrogen Solutions Inc	SQKY	
Diesel Technology Forum	Kangwook Kim	Standard Hydrogen Corporation	

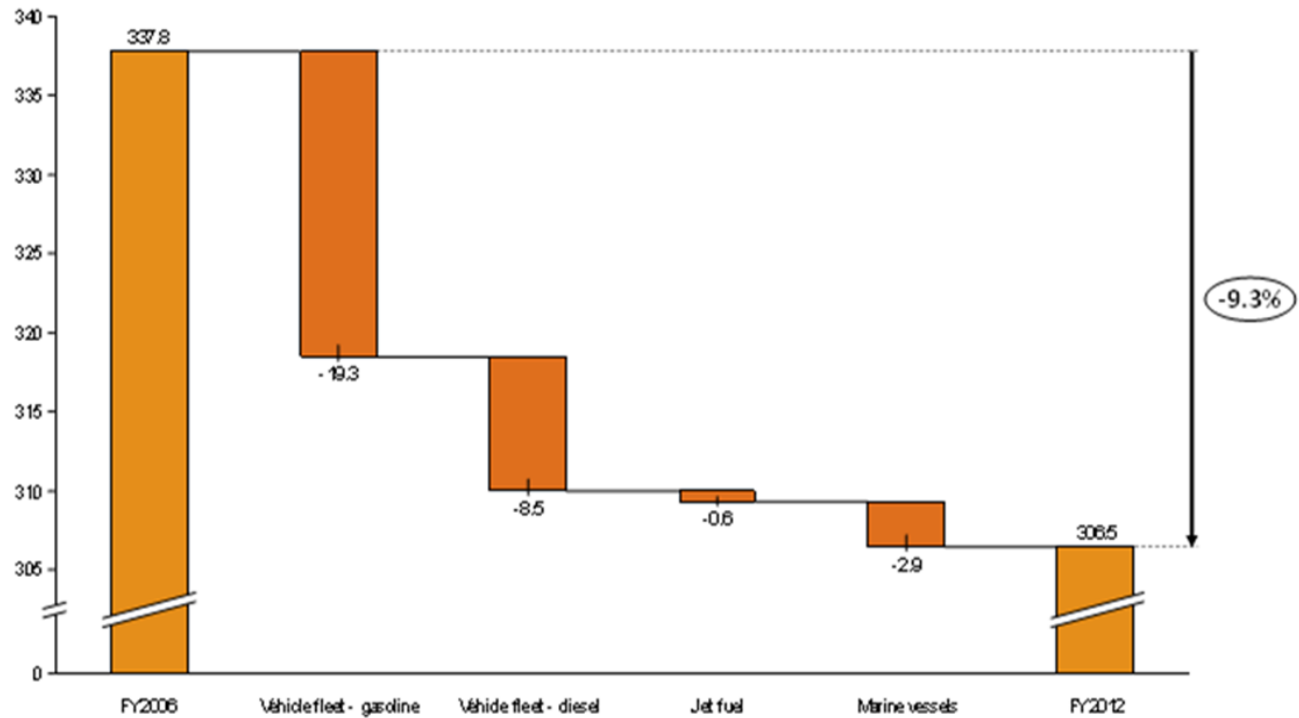
130 + Engagements



NYC CLEAN FLEET

FY 2006 to FY 2012 changes to City government vehicle fleet GHG emissions

GHG emissions
(Thousand tCO₂e)





NYC CLEAN FLEET

NYC has been recognized nationally by a number of groups for its sustainability efforts including:

- EPA
- NYS DEC
- National Biodiesel Board (NBB)
- NAFA
- Fleet Owner
- Leading Fleets
- 100 Fleets
- Empire Clean Cities





NYC CLEAN FLEET



I'M ELECTRIC!



EMERGENCY PREPAREDNESS

In 2012, Hurricane Sandy created the largest fuels crisis in US history and damaged thousands of cars and boats.

Working with NYC OEM, the US Defense Logistics Agency (DLA), FEMA, and NY State National Guard, Fleet helped manage the response to these events.

NYC itself lost 600 fleet units in Sandy.



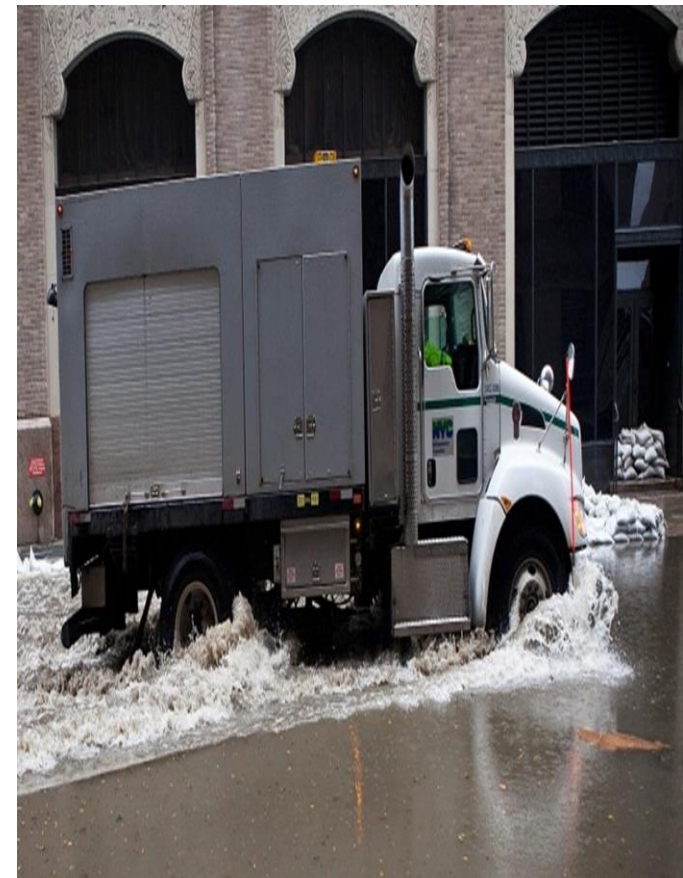


EMERGENCY PREPAREDNESS



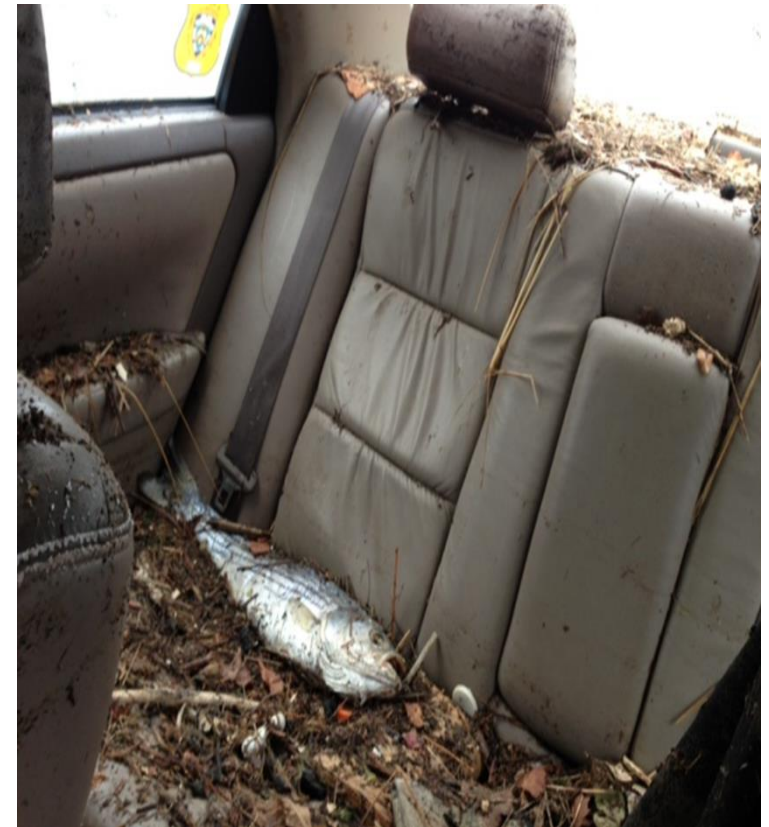


EMERGENCY PREPAREDNESS





EMERGENCY PREPAREDNESS





EMERGENCY PREPAREDNESS

Fleet is now working to improve emergency response in the future. We have procured over \$20 million in extra light towers, generators, forklifts, pumps, and fuel trucks. These include our first solar electric light towers and carpports for charging. We are also automating and linking our over 200 in-house fuel sites and established a new contract enabling access to all private fuel stations.

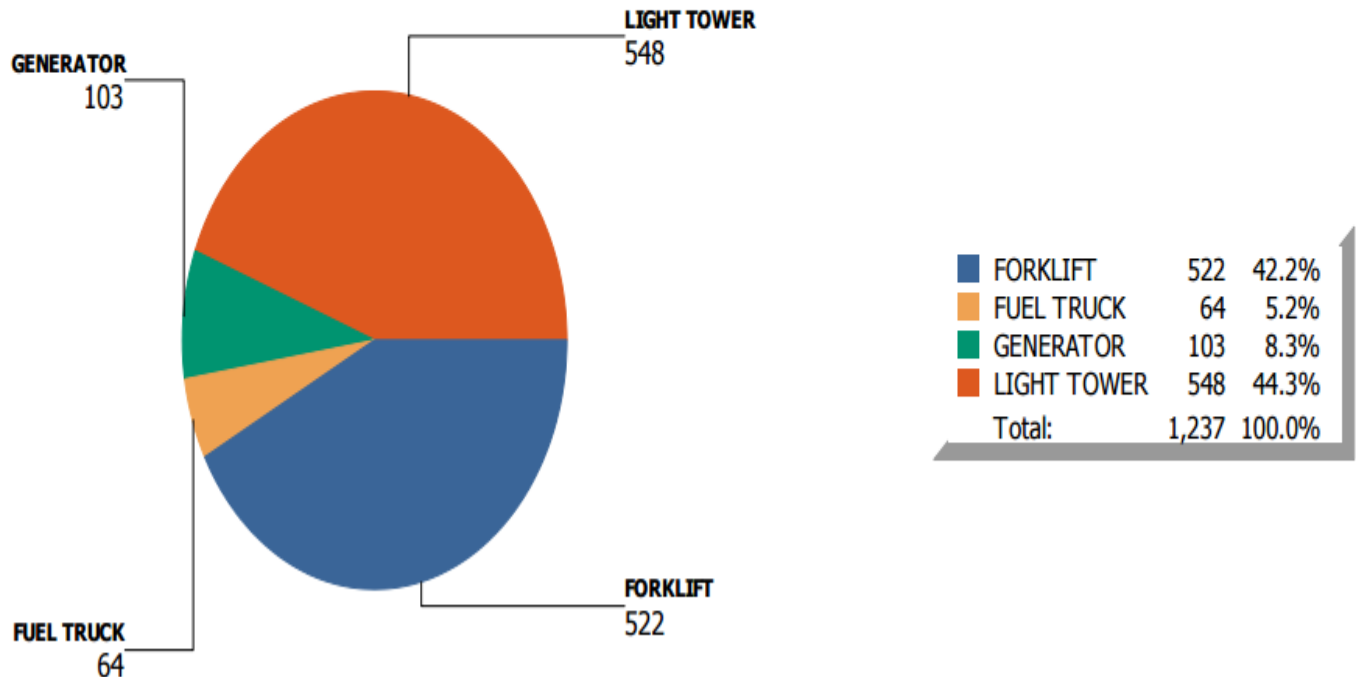




EMERGENCY PREPAREDNESS

NYC Citywide Administrative Services | Fleet

Emergency Assets Total by Type





EMERGENCY PREPAREDNESS

**ARE YOU
READY
NEW YORK?**



SHARED SERVICES

Starting 2011, Fleet has been implementing an extensive program of shared and re-engineered services. Fleet has consolidated 12 garages, established a new parts operations, and placed auction online for the first time. In partnership with Zipcar, we operate one of the nation's largest fleet share programs. We also now share fuel, specifications, and repair services. The Fleet Consolidation initiative achieved hundreds of millions in savings.

Starting FY18, City OMB and Fleet are launching a new savings initiative of \$34 million focused on further sharing of fleet resources.

Article

A United Fleet: How NYC is Saving \$415M in Fleet Costs

May 2014, Government Fleet - Cover Story

by [Thi Dao](#) - Also by [this author](#)

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A Parks Department forestry log loader is pictured here in front of the Unisphere in Queens, New York. Photo courtesy of New York City.

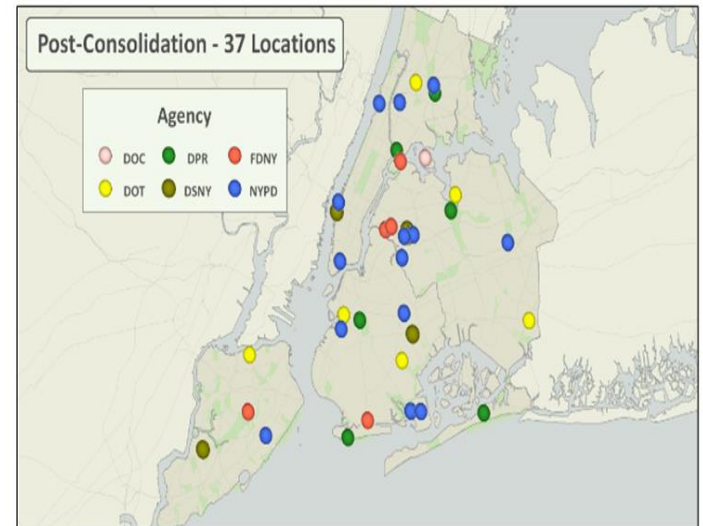
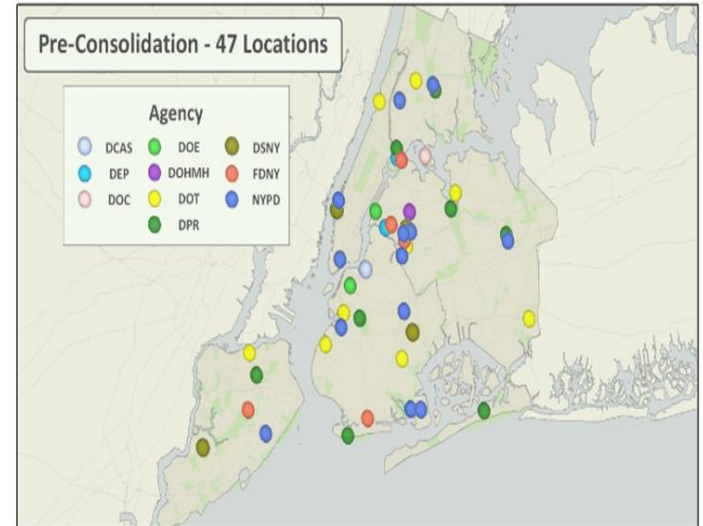
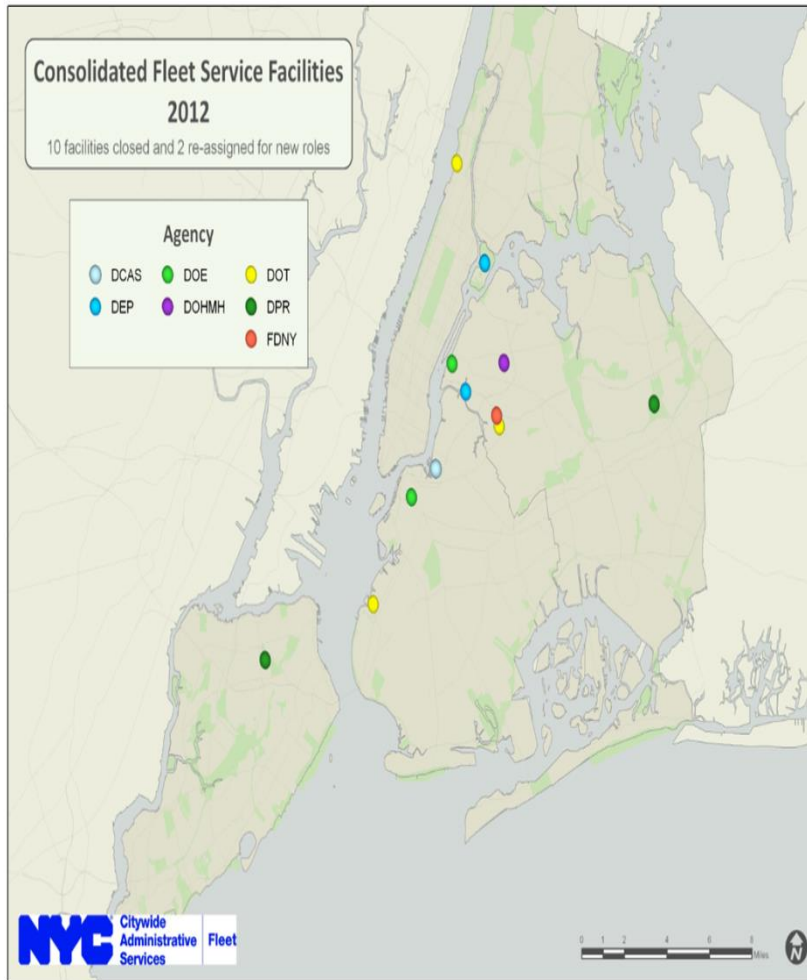
At a Glance

The New York City fleet's savings initiatives include:

- Reducing the non-emergency light-duty fleet by 475 vehicles
- Implementing department motor pools and partnering with Zipcar for employee use
- Shutting down 10 facilities
- Moving to an online auction to sell surplus and retired vehicles
- Expanding biodiesel use across all fleet vehicles
- Expanding use of a fuel management system to all fueling sites and vehicles.



SHARED SERVICES



Facility list does not include FDNY Mobile Repair Trucks or DSNY District Collection Garages, which also provide fleet servicing



SHARED SERVICES

NYC partnered with Property Room to conduct online auctions starting 2012. This enabled the City to free up 6 acres for development at the Brooklyn Navy Yard.

NYC partnered with Genuine Parts Company (GPC) to operate some City parts rooms starting 2012, helping the City get out of the inventory business and pay only for parts used at those locations. GPC and NYC Fleet Focus have been integrated to help support this project.

NYC is the largest public client of Zipcar, using both private Zipcar rentals and placing Zipcar's sharing technology on 700 City owned vehicles to date.

Register for Free! My Account

PROPERTYROOM.COM
Online police auctions and more.

Vehicles as seen on

All Departments Jewelry Watches Coins & Bullion Electronics Fashion Fine Art Vehicles

Home > Search Results for "02as"

Filters not applicable.

View As: Items per page: Sort by: Results: 1-25 of 113

2d 20h US \$100.00	2d 20h US \$2,000.00	6d 20h US \$100.00	2d 20h US \$100.00	6d 20h US \$900.00
6d 20h US \$100.00	2d 20h US \$500.00	2d 20h US \$1,400.00	2d 20h US \$500.00	2d 20h US \$1,400.00



SHARED SERVICES

GPC Daily Parts Status Report, 4/3/2017, City of New York

- As of 4/3/2017, the City of New York is awaiting 225 parts, under 83 work orders.
- This translates to 79 vehicles being out of service.
- On 4/3/2017, 1,684 total parts were provided.
- This means, on 4/3/2017, 241 work orders were closed. Additional details are as follows:

Pending Summary

Status	Work Orders	Total Parts
Partial fulfilled	1	1
Not fulfilled	82	224
Total Pending	83	225

Number of Vehicles Down: 79

Completed Summary

	Work Orders	Total Lines	Total Parts
April-03 2017	241	1,020	1,684
April-01 2017 thru April-03 2017	295	1,330	2,401
January-01 2017 thru April-03 2017	17,597	77,396	196,406

On average, 1,200.50 parts were delivered, per day, for the month of April

*GPC Parts Waiting Delivery List, April 3, 2017; about 30% of Citywide parts volume
225 parts*



SHARED SERVICES

	Parts on Order by Vendor								
	Total	Last 7 Days	8-14 Days	15-30 Days	31-60 Days	61-90 Days	91-180 Days	181-365 Days	> 365 Days
Total	108,216	23,595	8,019	10,477	17,031	27,981	7,744	12,208	1,161
A & M INDUSTRIAL SUP	378	1	0	56	0	300	0	21	0
A.W. MEYER CO.	14	0	0	12	0	0	2	0	0
AAA EMERGENCY SUPPLY	1	0	0	0	1	0	0	0	0
ACTIVE SYSTEMS	6	0	0	4	0	0	2	0	0
ALBERT KEMPERLE AUTO	20	20	0	0	0	0	0	0	0
ALBERT KEMPERLE INC.	1,190	880	268	36	0	0	0	0	6
ALTER LEV INC.	210	210	0	0	0	0	0	0	0
AMERICAN ROADS MACHI	4,000	4,000	0	0	0	0	0	0	0
ANA LABORATORIES INC	2,000	0	0	0	2,000	0	0	0	0
AWISCO CORP	1,183	23	4	1,108	44	0	4	0	0
BARNWELL HOUSE OF TI	176	84	80	12	0	0	0	0	0
BI-LO INDUSTRIES	5,064	0	0	0	0	2,400	0	2,664	0
BRAKE SERVICE INC	1,690	1,505	166	11	2	0	0	6	0
CAMPBELL FREIGHTLINE	1	0	0	0	1	0	0	0	0
CENTRAL STORES WAREH	1,413	0	0	1,413	0	0	0	0	0
CERTIFIED MANAGEMENT	219	34	6	1	54	4	40	80	0

In-house (Non-GPC) Parts Waiting List, April 3, 2017, about 70% of citywide parts volume 108,216 parts



SHARED SERVICES



[home](#) [about](#) [how it works](#) [faq](#) [contact](#)

What Is NYC DEP Fleet Share?

NYC DEP Fleet Share is a revolutionary motor pool system for government employees.

This state-of-the-art scheduling and access system allows employees to make and manage reservations online, and its wireless technology permits drivers to gain access to vehicles without the need to locate keys, contact other personnel for assistance, or inquire as to the current whereabouts of a particular vehicle.

Sign In

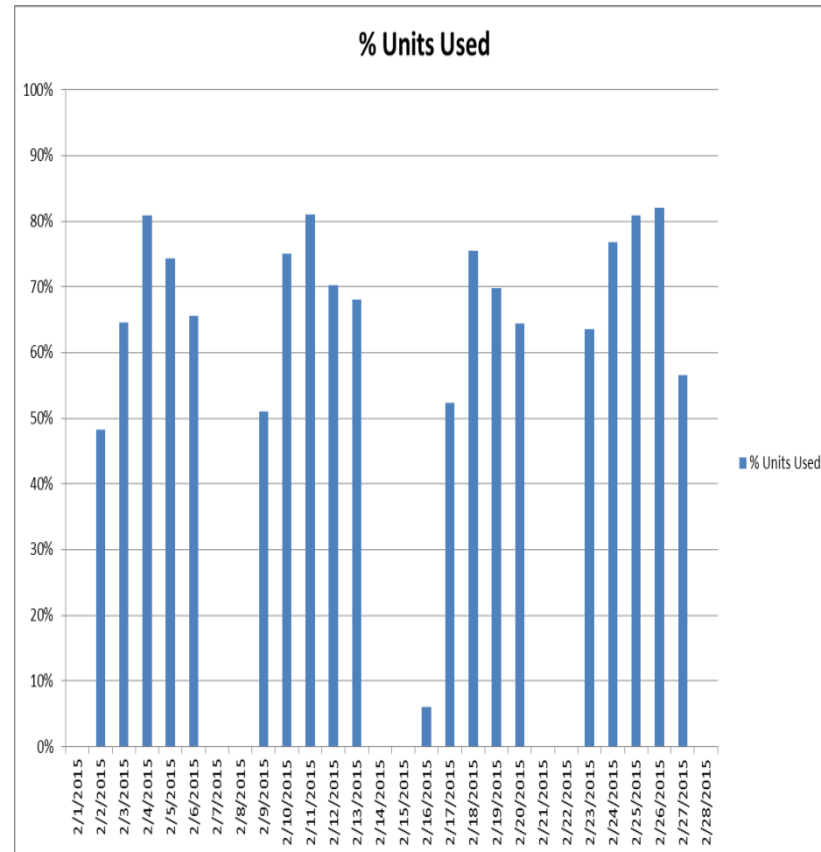
Username

Password

Remember Me?

[Trouble Signing In?](#)

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SHARED SERVICES

NYC has partnered with many public, private, and non-profit organizations in its various fleet initiatives. Our most exciting partnership is with the Career and Technical Program at NYC Department of Education. Fleet is helping schools train the next generation of mechanics, including hosting up to 50 students each year in paid, hands on internships at our garages.





FLEETSTAT

Supporting the extensive operational and service changes in NYC Fleet has been a new fleet management system, NYC Fleet Focus by AssetWorks. NYC is using Fleet Focus to support an extensive metrics and performance driven program of FleetStat reporting. NYC Fleet Focus and most of our fleet services are available to staff through our website.

We just finished our 1 millionth service work order on Fleet Focus.

The screenshot shows the NYC Fleet website interface. At the top, there's a navigation bar with 'NYC Citywide Administrative Services' and 'NYC Resources 311 Office of the Mayor'. Below this is a search bar and a main menu with categories like 'Home', 'About DCAS', 'Doing Business with the City', 'Work for the City', and 'For City Employees'. A featured image shows two mechanics, Carter and Jackson, with a caption: 'Fleet Spotlight: Parks Mechanics Carter and Jackson (Click on photo for more information)'. Below the image is a 'NYC Citywide Administrative Services Fleet' logo and a paragraph about the fleet's size and operations. The bottom section contains several service links: 'NYC Fleet Newsletter and Announcements', 'NYC FleetFocus', 'Collision Reporting (CRASH)', 'NYC Fleet Daily Service Report', 'Zipcar', and 'FastFleet'.



FLEETSTAT

Using NYC Fleet Focus, Fleet prepares a morning readiness report for the fleet by agency and critical fleet types like fire trucks or street sweepers. This report is our core performance indicator in the Mayor's Management Report (MMR) fleet section and widely distributed daily. It is also posted each day on the internet.

Citywide fleet servicing performance has improved each year since 2014.

NYC Fleet Daily Service Report

NYC operates nearly 27,000 vehicles, the largest municipal fleet in the country. Each day, police cars, fire engines, sanitation waste units, forestry bucket trucks, street paving units and other equipment pieces play critical roles supporting the provision of essential public services. NYC Fleet, a line of service at the Department of Citywide Administrative Services (DCAS), manages the City fleet in conjunction with the 10 major fleet operating agencies and 60 total fleet agencies. In April 2012, NYC Fleet developed a daily morning report on the readiness and condition of the City's fleet, reported by agency and also by critical specialized fleets. This daily fleet report is distributed to agencies each day and is now also available to the public on the internet. The report format is as follows:

- Fleet roster shows the total size of each fleet.
- Target daily in service is the number of vehicles that the agency would like to see available – i.e. not down for repair – on any given day.
- Actual in service is the number available today. The cell will be
 - Green if the target has been met,
 - Yellow if availability is within 10% of the target, or
 - Red if availability is more than 10% below target.
- Average over Fiscal Year 2013 (FY 13) to date shows the average daily availability for the fiscal year, which runs from July 1st to June 30th.
- The Agency Summary provides overall unit availability for each of 9 agencies and the "DCAS Managed" fleet, which serves the other Mayoral agencies.
- The Critical Fleets Summary tracks availability for groups of vehicles assigned to some key programs or functions identified by agencies.

[Download the report \(in PDF\)](#)

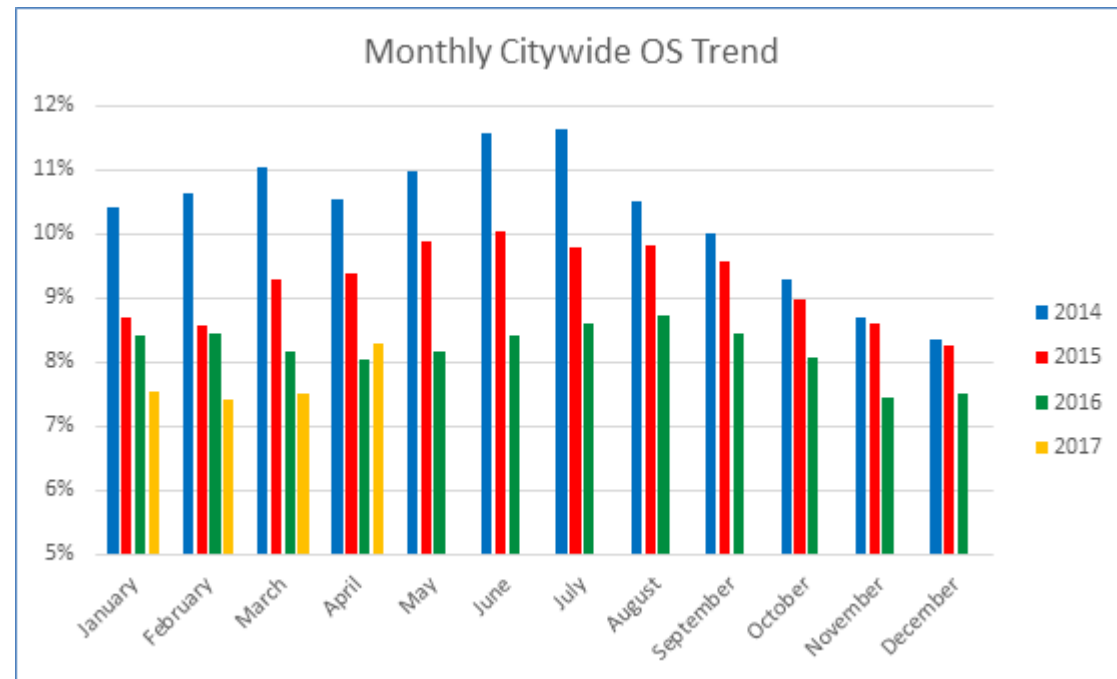
Fleet availability for Thursday June 20, 2013

NYC Fleet Daily Service Report: Agency Summary				
Agency	Fleet roster	Target daily in service	Actual in service	Average over FY 13 to date
DCAS Managed	2,123	1,911	2,055	2,098
DEP	1,971	1,842	1,800	1,841
DOC	486	437	480	479
DOE	349	314	343	332
DOHMH	279	251	270	276
DOT	2,574	2,188	2,296	2,300
DSNY	5,570	4,349	4,620	4,680
FDNY	2,092	1,674	1,751	1,756
NYPD	8,170	7,383	7,823	7,898
Parks	2,578	2,320	2,452	2,478
Total	26,196	22,639	23,099	23,944



FLEETSTAT

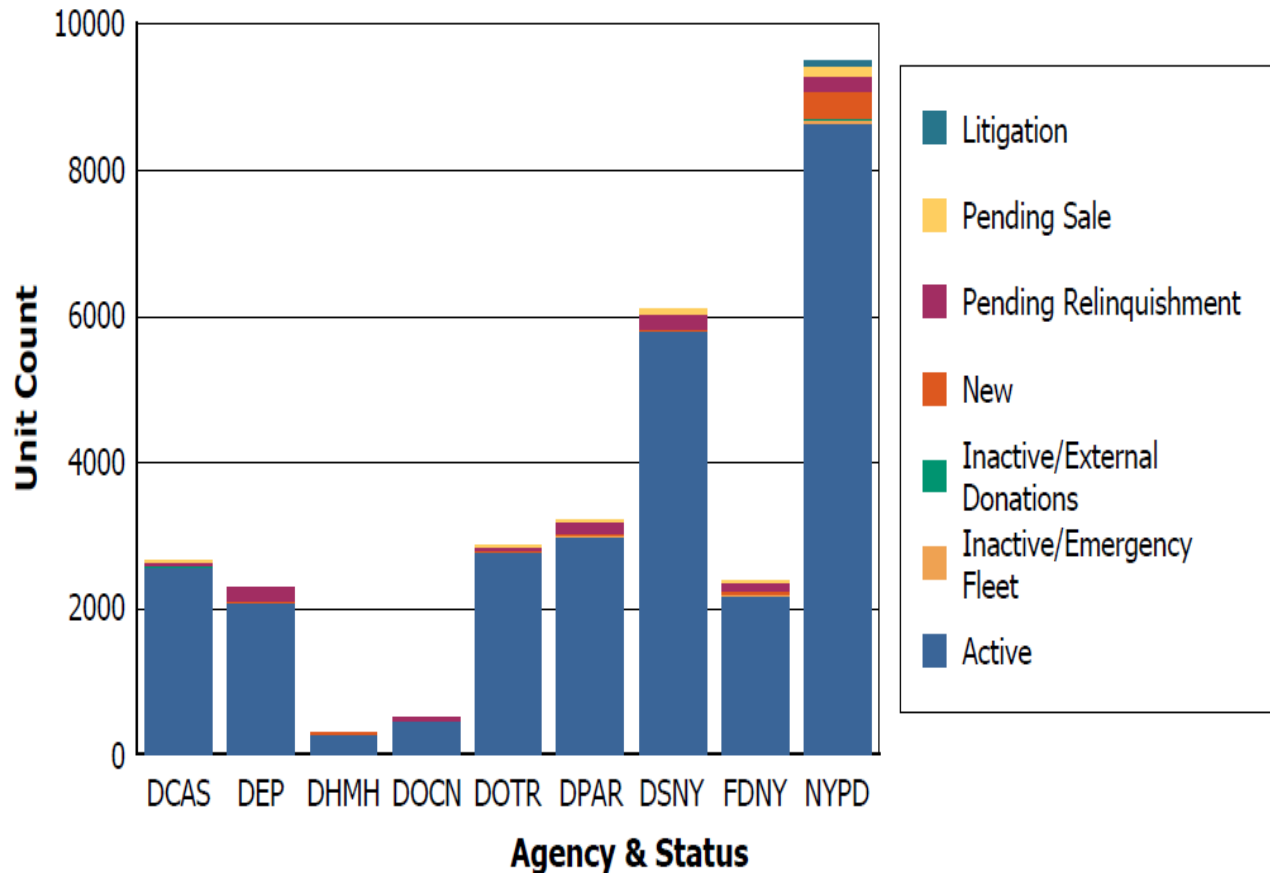
NYC Fleet Focus was key to our shared services effort, enabling all agencies to service each other including looking up fleet units and parts, completing work orders, and posting charges. With AssetWorks, we have created an extensive set of reports to help focus on critical performance areas within fleet including asset managements, parts, work orders, and usage. We held regular inter-agency Fleet Federation and Project Leadership Team (PLT) meetings as rolled out this effort which was completed in two years.





FLEETSTAT

Fleet Roster Report City Owned Vehicles Only

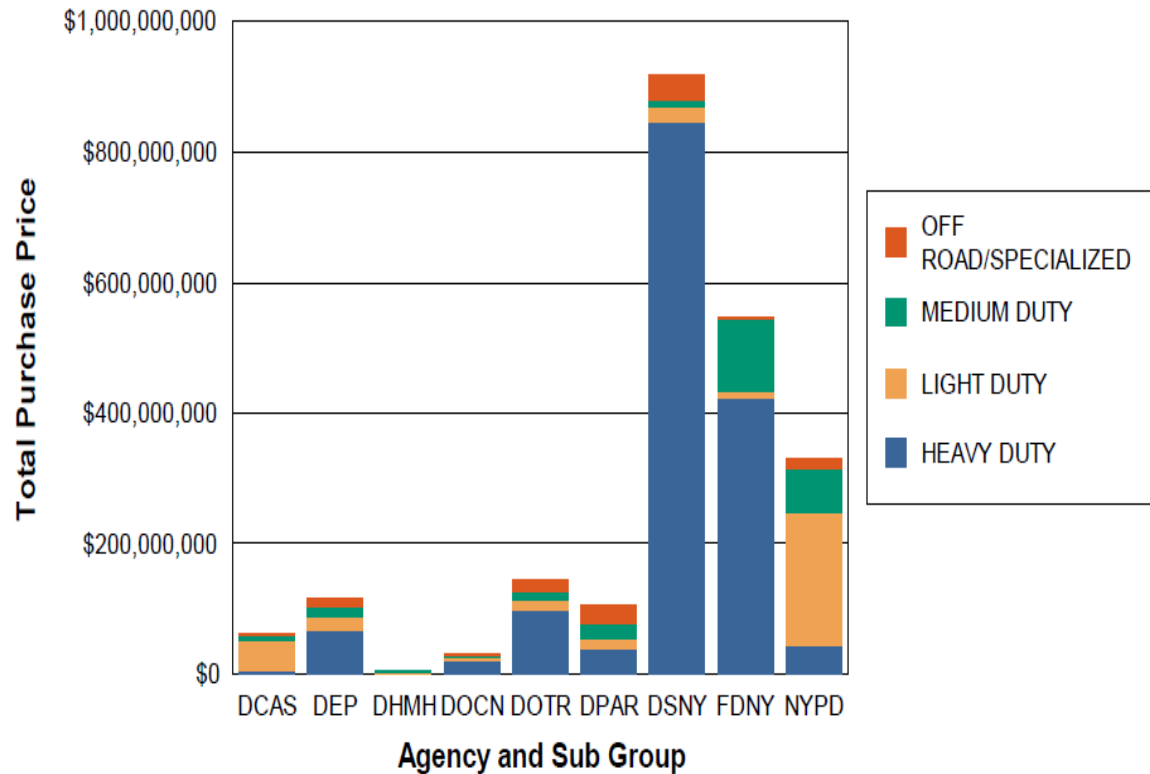




FLEETSTAT



Citywide Purchase Price Report



Total Purchase Price: \$2,267,867,962

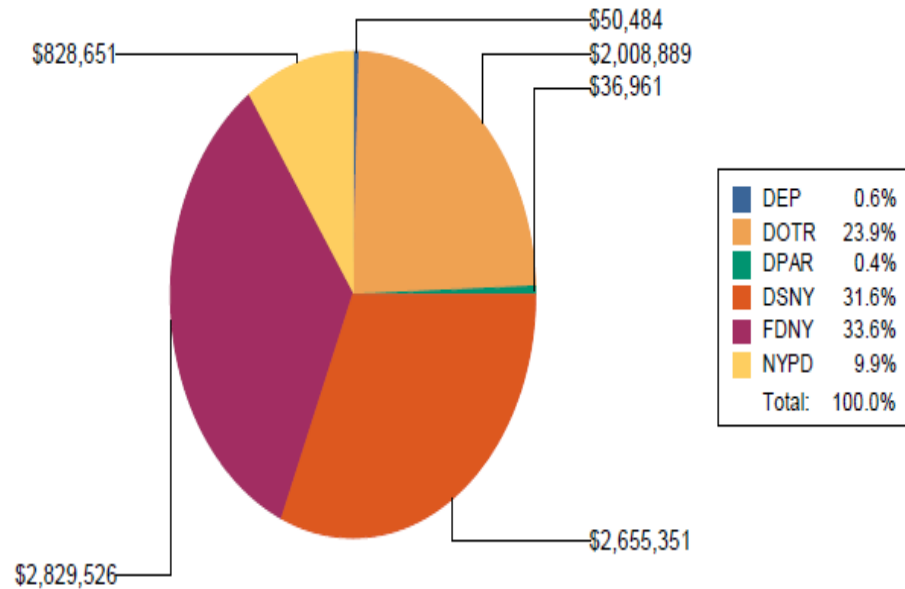
DCAS Includes Client Fleets



FLEETSTAT

Inventory Inactivity Value

Last Issued > 2 Years



Inventory Value



NYC Parks

**29TH
ANNUAL
EQUIPMENT
& VEHICLE
SHOW**

Thursday, May 11, 2017

9am to 2pm

Rain Date: Friday, May 12

Flushing Meadows Corona Park,
Queens, by the Unisphere

This show highlights vendors who support NYC's Clean Fleet and Vision Zero initiatives, as well as daily operations. We will have vendors offering a wide array of products to improve vehicle safety including cameras, truck side guards, systems to track and manage fleets, and systems to avoid or mitigate collisions. The show also highlights vehicles and equipment with alternative fuels and emissions reducing technologies, along with the latest in light and heavy-duty vehicles, trucks, horticultural equipment, tools, fleet services, and more.

Free to all exhibitors and attendees.

For more information or to RSVP, please call (212) 386-0377 or email dkrantz@dcas.nyc.gov





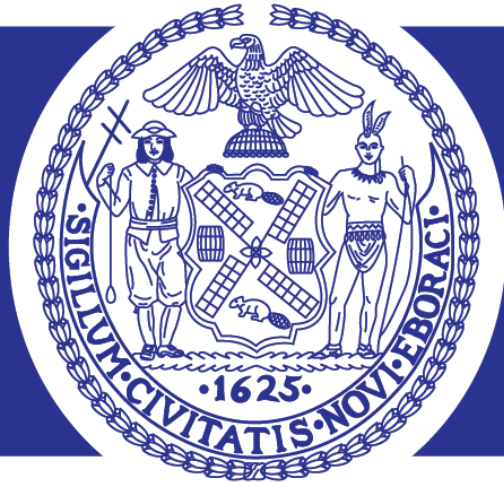
NYC Citywide Administrative Services | Fleet





Keith Kerman
Chief Fleet Officer
New York City
Deputy Commissioner,
Department of Citywide Administrative Services

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THANK YOU