

VISION ZERO 

NYC Citywide
Administrative Services | Fleet



NYC Fleet Vision Zero Fleets Forum

Queens Theatre
Flushing Meadows Corona Park, Queens
October 23, 2014



Fleets Survey Results

Vision Zero Fleets Survey		
Fleet Surveyed		51
	Private Commerical Fleets	22
	Bus companies	11
	Universities	10
	Public/Non-profit	8
Drivers in Fleets Surveyed		137,469
Vehicles in Fleets Surveyed		80,323
Fleets with Telematics/GPS	37	73%
Fleet without Telematics/GPS	14	27%
Fleets with Driver Training	37	73%
Fleets without Driver Training	14	27%
Fleets with Side Guards	0	0%



Fleets Survey Results

Best Safety Practices Cited in the Survey

- 1) Driver background checks
- 2) Driver health checks
- 3) On the road training
- 4) Defensive driving training
- 5) Automatic shut downs and “limp modes”
- 6) Random tests
- 7) DMV monitoring/ license events
- 8) Front and rear concave mirrors
- 9) Buzzers that driver must turn off
- 10) Cameras on each level of double decker bus
- 11) Rear view cameras
- 12) Rear sensors
- 13) Alcohol sensing vehicle locks



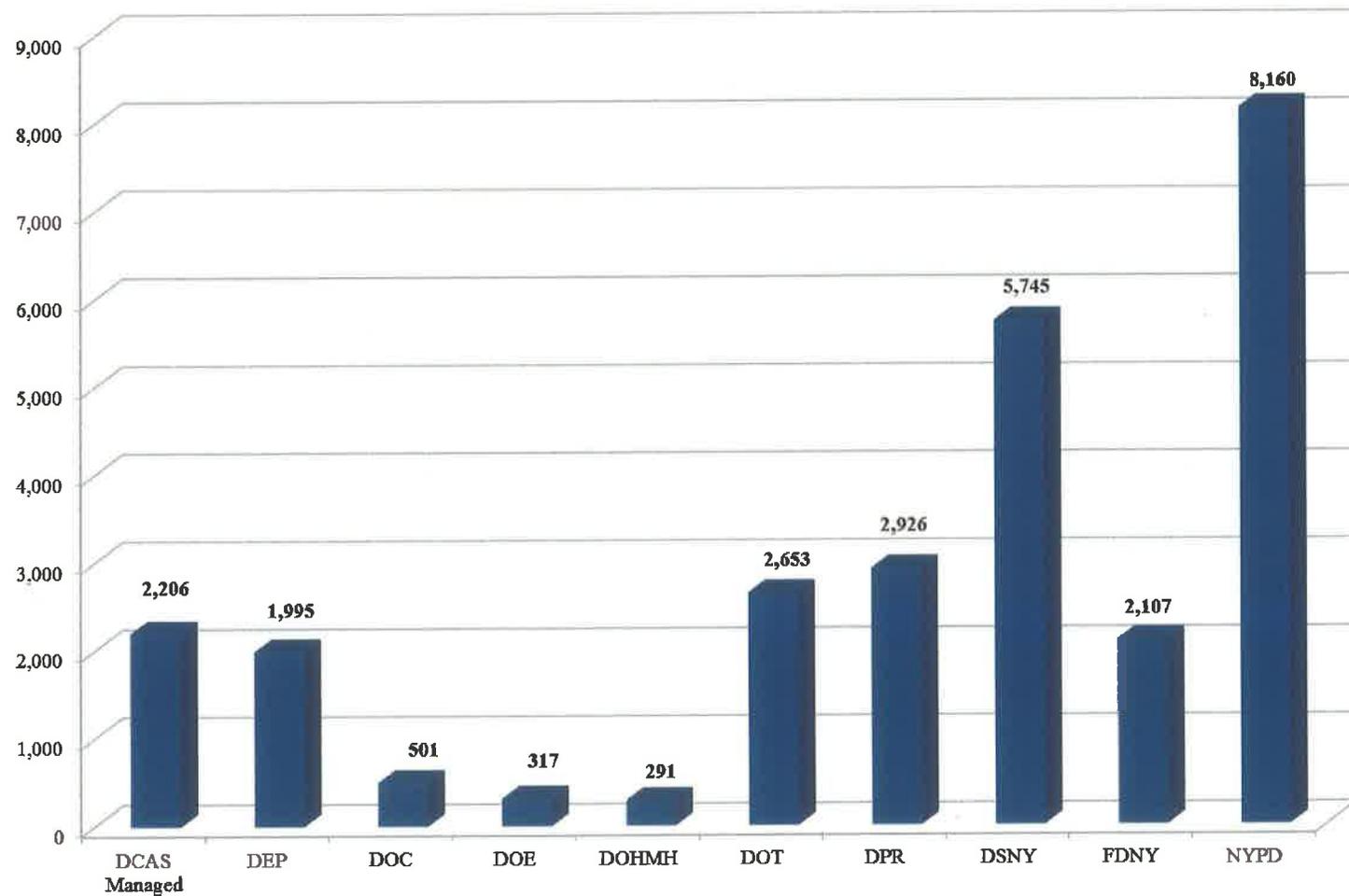
New York City's Fleet





Largest Municipal Fleet in the United States

Mayoral Fleet Count by Agency
as of January 30, 2014





Fleet Risk





Fleet Risk





Fleet Risk





Fleet Risk

Motor vehicle legal payouts			
	Personal injury	Property Damage	Total
FY2010	608	401	1009
FY2011	525	408	933
FY2012	520	508	1028
FY2013	473	532	1005
FY2014	434	498	932

Source: Law



Vision Zero Safety Plan

The City is focusing on four areas to improve safety:

- Training
- Specifications
- Vehicle tracking
- Collision reporting



Department of Citywide Administrative Services

- Ensure all City fleet vehicles are equipped with technology that record speeding and other dangerous driving behaviors, by the end of 2014
- Upgrade the collision tracking system for the citywide fleet through the new NYC Fleet Focus fleet system
- Oversee a citywide expansion of Defensive Driver training courses for all employees driving City vehicles
- Recommend safety related devices and designs, such as high visibility vehicles, back-up cameras, and rear wheel side guards, for City vehicles and other vehicles under City regulation



Defensive driving training for all

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 Stacey Cumberbatch
Commissioner

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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](#)



Safe Fleet Transition Plan

The City is reviewing all vehicle specifications to develop a first citywide set of safety specifications for fleet units and a Safe Fleet Transition Plan. Below is a preliminary list of safety systems we are assessing a part of this review:

- Side truck guards
- Driver alert systems
- Speed and safety tracking devices for all fleet units
- Navigation systems
- Backup cameras
- Turning and backup alerts
- Safety signage for fleet units and garage and parking locations
- Down-sizing fleet units
- Piloting additional technology including speed governors



Truck safety guards





Truck safety guards





Vehicle tracking and safety index

NYC is expanding its ability to track and report on the following vehicle performance:

- Speed
- Hard Braking
- Hard Acceleration
- Steering
- Seat Belt Usage
- Location
- Engine Diagnostics
- Engine RPM





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