

Greenhouse Gas
Emissions per
Passenger Mile:
Public Transport &
Personal Mobility:
USA: 2005

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**GREENHOUSE GAS EMISSIONS: 2005
U.S. TRANSIT & PERSONAL MOBILITY (CARS)**

TRANSIT: NATIONAL

Mode	Passenger Miles (Billions)	CO2 Equivalent Grams Billions)	Passenger Mile
Automated Guideway	0.012	0.008	678
Commuter Rail	9.470	1.827	193
Light Rail & Streetcar	1.650	0.283	171
Motorbus	19.323	6.697	347
Metro	14.407	1.677	116
Trolley Bus	0.173	0.021	124
Total	45.036	10.513	233

TRANSIT IN NEW YORK URBAN AREA

Mode	Passenger Miles (Billions)	CO2 Equivalent Grams Billions)	Passenger Mile
Automated Guideway	0.000	0.000	0
Commuter Rail	5.394	0.757	140
Light Rail & Streetcar	0.014	0.002	161
Motorbus	4.363	0.966	221
Metro	8.725	0.733	84
Trolley Bus	0.000	0.000	0
Total	18.496	2.458	133

TRANSIT OUTSIDE NEW YORK

Mode	Passenger Miles (Billions)	CO2 Equivalent Grams Billions)	Passenger Mile
Automated Guideway	0.012	0.008	678
Commuter Rail	4.076	1.070	263
Light Rail & Streetcar	1.636	0.281	172
Motorbus	14.960	5.730	383
Metro	5.682	0.944	166
Trolley Bus	0.173	0.021	124
Total	26.540	8.054	303

EXHIBIT; PERSONAL MOBILITY

City Driving

Average 2006 Model Car	307
Average 2006 Personal Truck/SUV	374

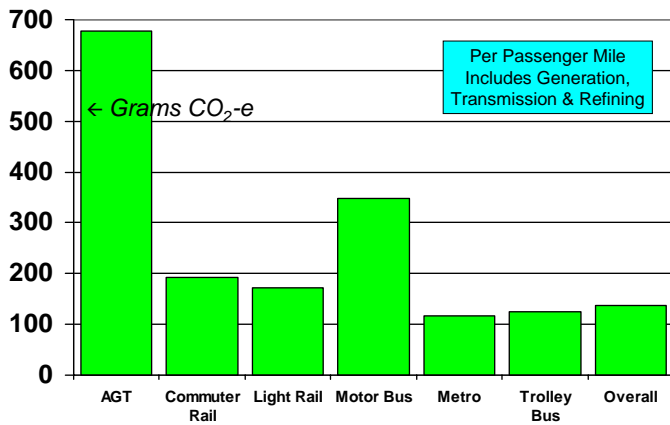
Overall Car & Personal Truck/SUV Fleet: 2006	366
Overall Car Fleet: 2006	328
Overall Personal Truck/SUV Fleet	416

2007 Hybrid: Toyota Prius	147
2008 Peugeot 308 Hybrid Diesel (Marketed in Europe)	101

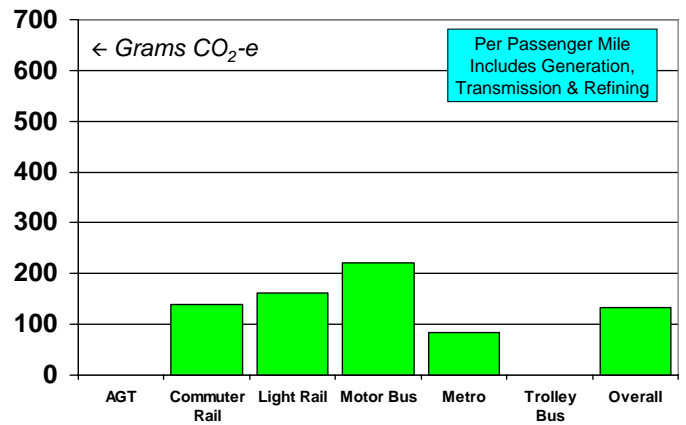
NOTES

Transport only, excludes administrative and vehicle maintenance.
 Estimated using USDOT FHWA data, with USDOE CO2 equivalents.
 Additional exhibits estimated from EPA data and Peugeot data.
 Electricity generation & transmission included (based upon EPA state factors).
 Refining & distribution cost included for non-electric modes

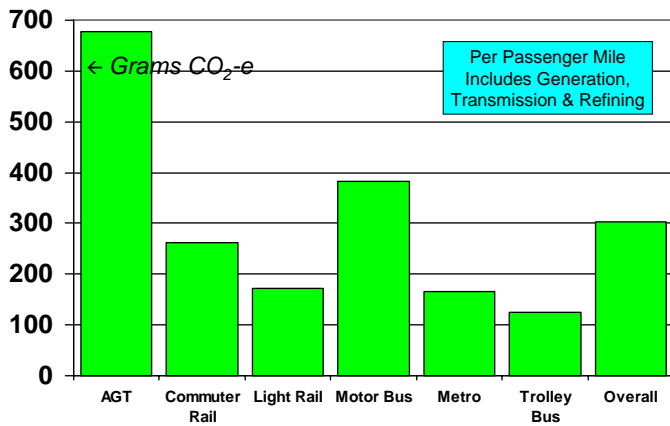
GHG Emissions: Public Transport
BY MODE: 2005



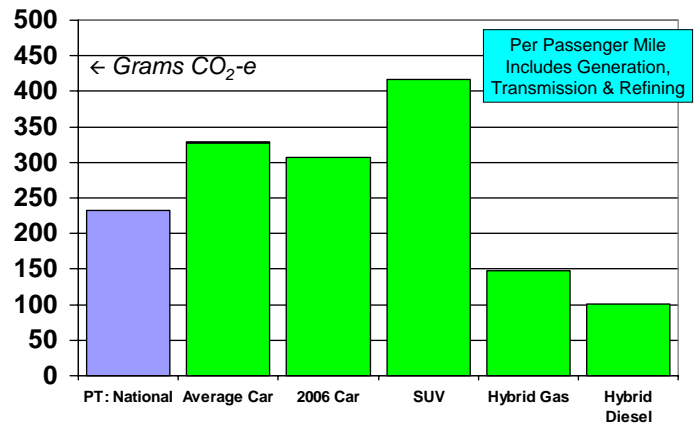
GHG Emissions: Public Transport
NEW YORK URBAN AREA: 2005



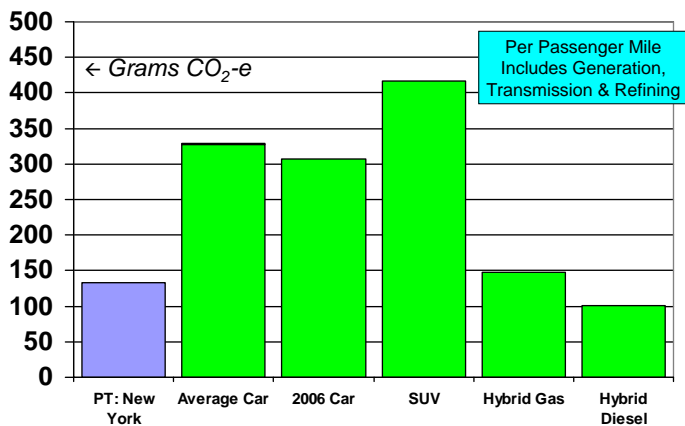
GHG Emissions: Public Transport
OUTSIDE NEW YORK: 2005



GHG Emissions: Personal Modes
COMPARED TO PUBLIC TRANSPORT: 2005



GHG Emissions: Personal Modes
COMPARED TO NEW YORK PUBLIC TRANSPORT: 2005



GHG Emissions: Personal Modes
COMPARED TO PUBLIC TRANSPORT OUTSIDE NY: 2005

