

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	CO2 Equivalent Grams	Grams per Passenger Mile
Automated Guideway	11,647,000	7,892,000,000	678
Commuter Rail	9,470,134,000	1,827,018,000,000	193
Light Rail & Streetcar	1,650,204,000	282,883,000,000	171
Motorbus	19,323,463,000	6,696,660,000,000	347
Metro	14,407,097,000	1,676,605,000,000	116
Trolley Bus	172,982,000	21,480,000,000	124
Total	45,035,527,000	10,512,538,000,000	233

TRANSIT IN NEW YORK URBAN AREA

Mode	Passenger Miles	CO2 Equivalent Grams	Grams per Passenger Mile
Automated Guideway	0	0	0
Commuter Rail	5,394,012,000	756,950,000,000	140
Light Rail & Streetcar	13,707,000	2,207,000,000	161
Motorbus	4,363,262,000	966,368,000,000	221
Metro	8,724,711,000	732,885,000,000	84
Trolley Bus	0	0	0
Total	18,495,692,000	2,458,409,000,000	133

TRANSIT OUTSIDE NEW YORK

Mode	Passenger Miles	CO2 Equivalent Grams	Grams per Passenger Mile
Automated Guideway	11,647,000	7,892,000,000	678
Commuter Rail	4,076,122,000	1,070,068,000,000	263
Light Rail & Streetcar	1,636,497,000	280,676,000,000	172
Motorbus	14,960,201,000	5,730,292,000,000	383
Metro	5,682,386,000	943,720,000,000	166
Trolley Bus	172,982,000	21,480,000,000	124
Total	26,539,835,000	8,054,129,000,000	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
Average Europe Car: 2007	231
2030 Auto & SUV Fleet	248
2030 New Car & SUV	188

NOTES

Transport only, excludes administrative, transit stations and vehicle maintenance.

Estimated using USDOT FHWA data, with USDOE CO2 equivalents.

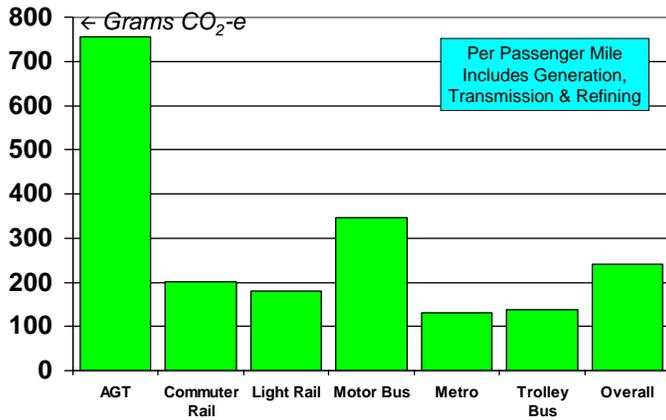
Additional exhibits estimated from EPA data and Peugeot data.

Electricity generation & transmission included (based upon EPA state factors).

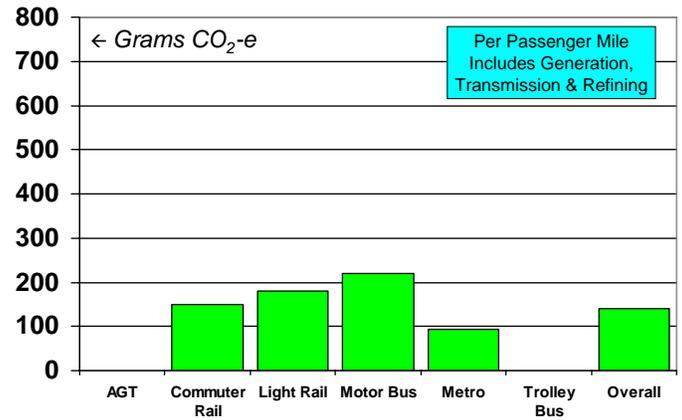
Refining & distribution cost included for non-electric modes

2030 figures from USDOT EIA Annual Energy Outlook 2008

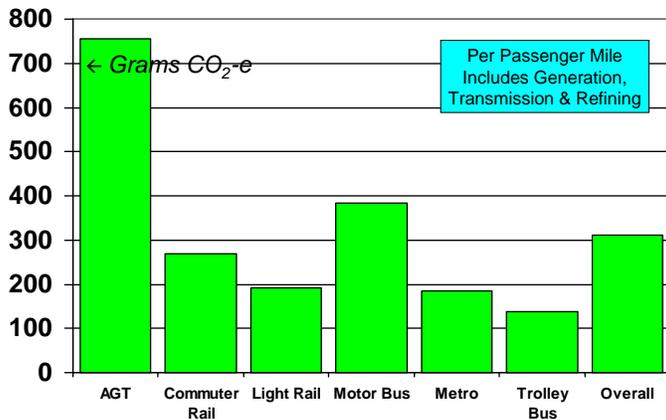
GHG Emissions: Public Transport
BY MODE: 2005



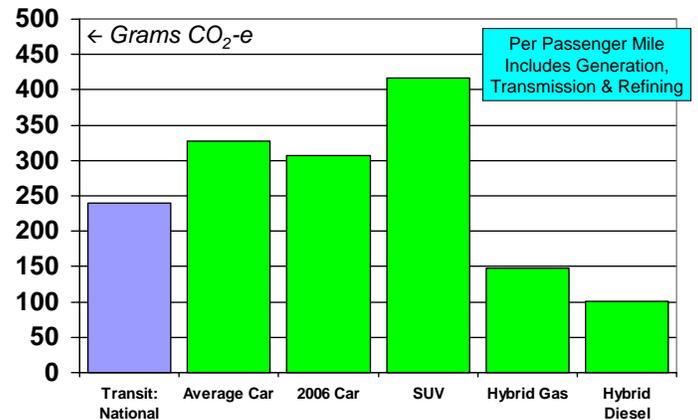
GHG Emissions: Public Transport
NEW YORK URBAN AREA: 2005



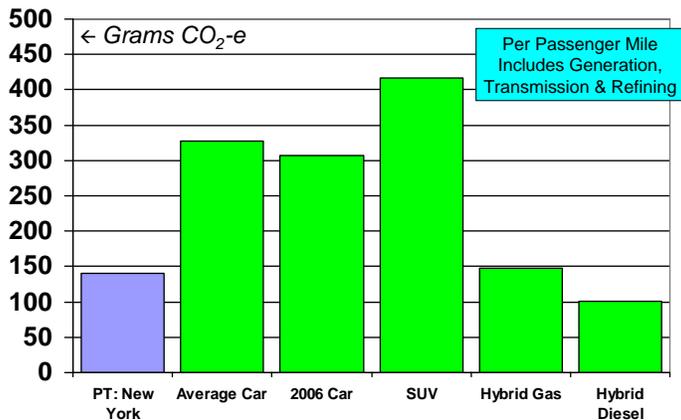
GHG Emissions: Public Transport
OUTSIDE NEW YORK: 2005



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

