

The Composition of the Vehicle Fleet in the Metropolitan Washington Region

Results of Applying a Vehicle Identification Number (VIN)
Decoder to July 1, 2005 Vehicle Registration Data

Presentation to the
National Capital Region Transportation Planning Board
May 17, 2006

Data Sources

- Vehicle Registration Data for the Washington Region as of July 1, 2005 from DC Department of Motor Vehicles, Maryland Motor Vehicle Administration, and Virginia Department of Motor Vehicles
- VINPOWER Vehicle Identification Number (VIN) decoder software from ESP Data Solutions
- National vehicle fleet data projections for 2005 from “Fleet Characterization Data for Mobile 6” by Environmental Protection Agency, September, 2001
- National hybrid data from www.hybridcars.com, May, 2006
- 2005 Population and Households for the Washington Region from COG Cooperative Forecasts Round 7.0
- 2005 National population and household data from US Census

Vehicle Type Definitions

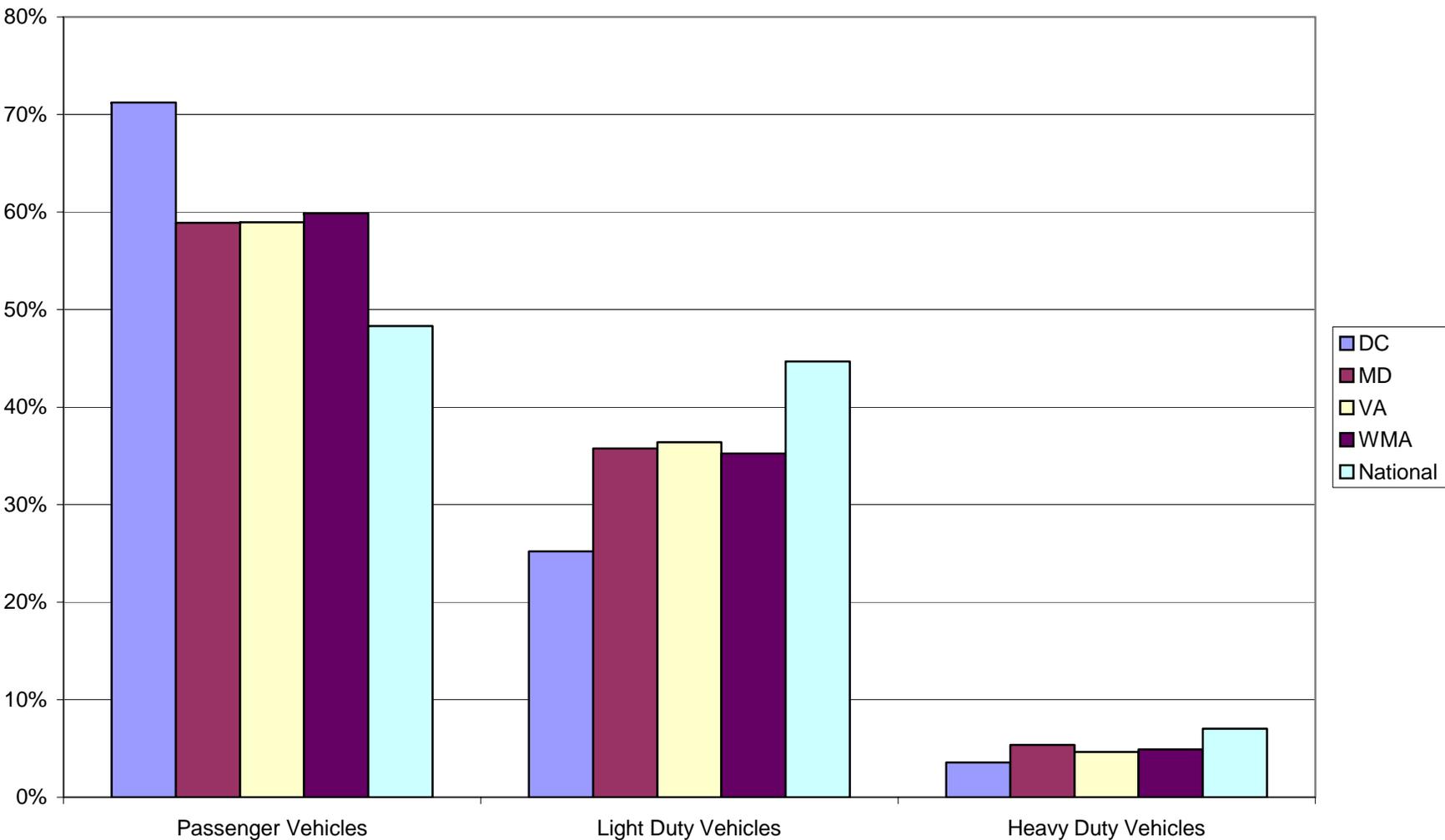
- *Passenger Vehicles (Less than 6,000 lbs):* Passenger Cars and Motorcycles
- *Light Duty Trucks (Less than 8,500 lbs):* Sport Utility Vehicles, Pickup Trucks, Commercial Vans
- *Heavy Duty Trucks (8,500 lbs and above):* Tractor-Trailers, School and Transit Buses, Trash Trucks

Vehicle Fleet and Demographic Data for the Washington Region by State

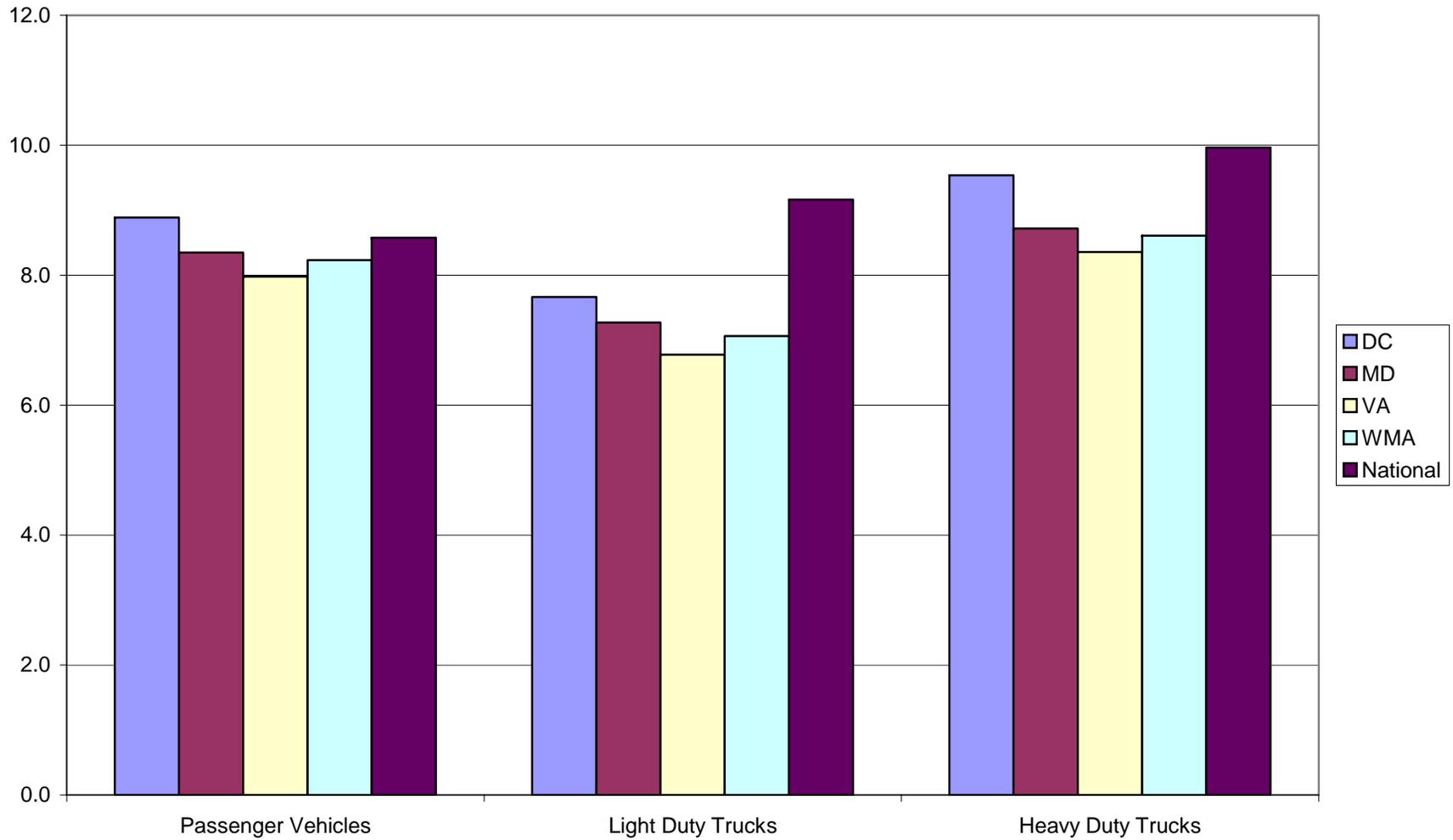
Vehicle Fleet and Demographic Data for the Washington Region by State

	DC	MD	VA	Washington Metro Area	National
Passenger Vehicles	178,665	935,998	889,426	2,004,089	105,955,155
Light Duty Trucks	63,193	568,131	549,240	1,180,563	97,974,626
Heavy Duty Trucks	8,936	85,160	69,829	163,925	15,398,261
Total Vehicles	250,794	1,589,289	1,508,495	3,348,578	219,328,042
Population	577,500	2,236,600	2,057,700	4,871,800	296,410,400
Vehicles per Person	0.43	0.71	0.73	0.69	0.74
Households	252,000	811,500	771,500	1,835,000	122,671,734
Vehicles per Households	1.00	1.96	1.96	1.82	1.79
Hybrid Vehicles	923	2,640	8,280	11,843	405,911
Hybrid Vehicles per 1,000 People	1.60	1.18	4.02	2.43	1.37
Hybrid Vehicles per 1,000 Households	3.66	3.25	10.73	6.45	3.31

**Vehicle Fleet for the Washington Region by State
Percent of Total by Vehicle Type**



Vehicle Fleet for the Washington Region by State Average Vehicle Age by Vehicle Type



Vehicle Fleet and Demographic Data for the Washington Region by Jurisdictional Ring

Core = DC, Arlington, Alexandria

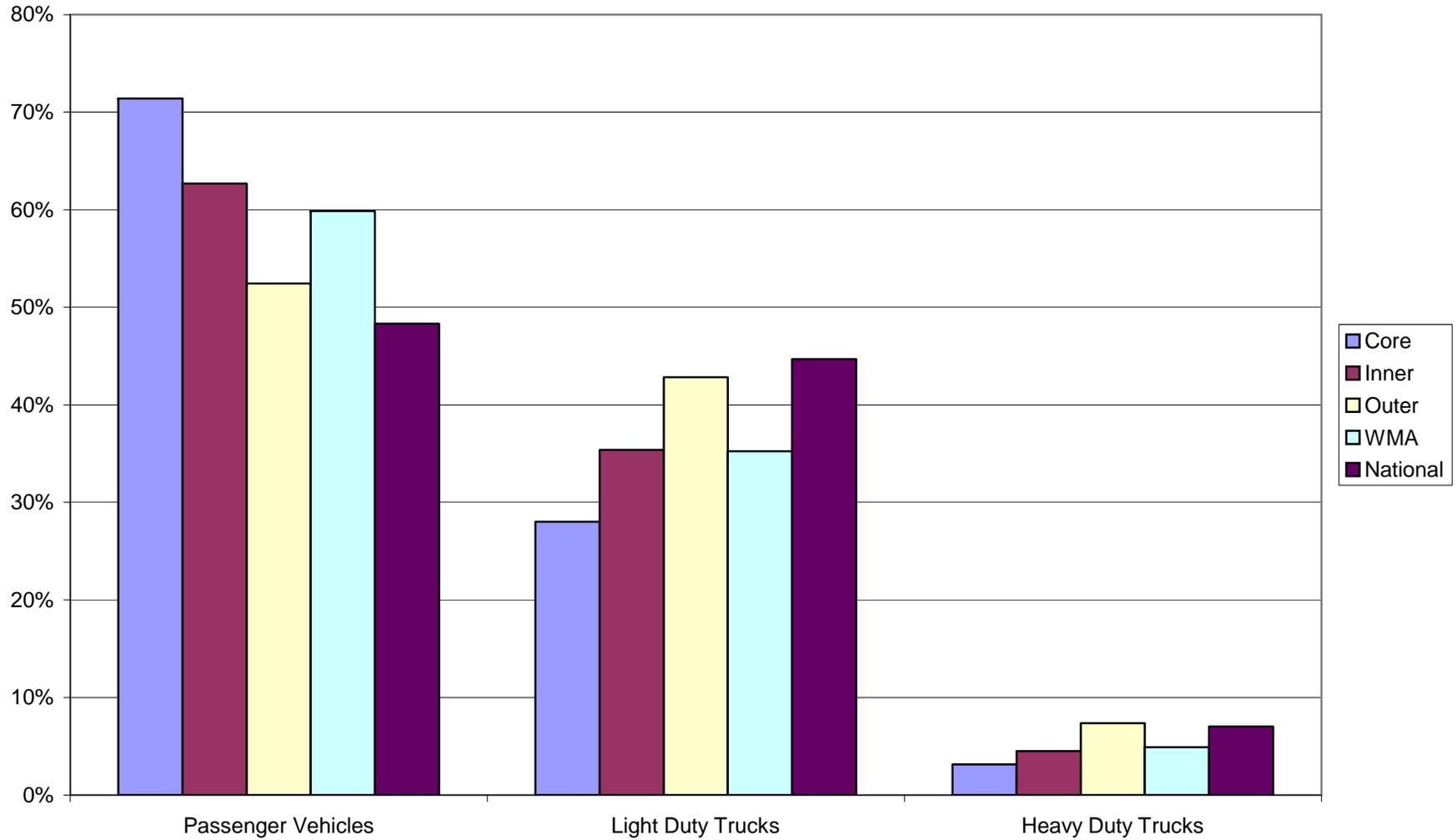
Inner Suburbs = Montgomery, Prince George's, Fairfax

Outer Suburbs = Charles, Calvert, Frederick, Loudoun, Prince William

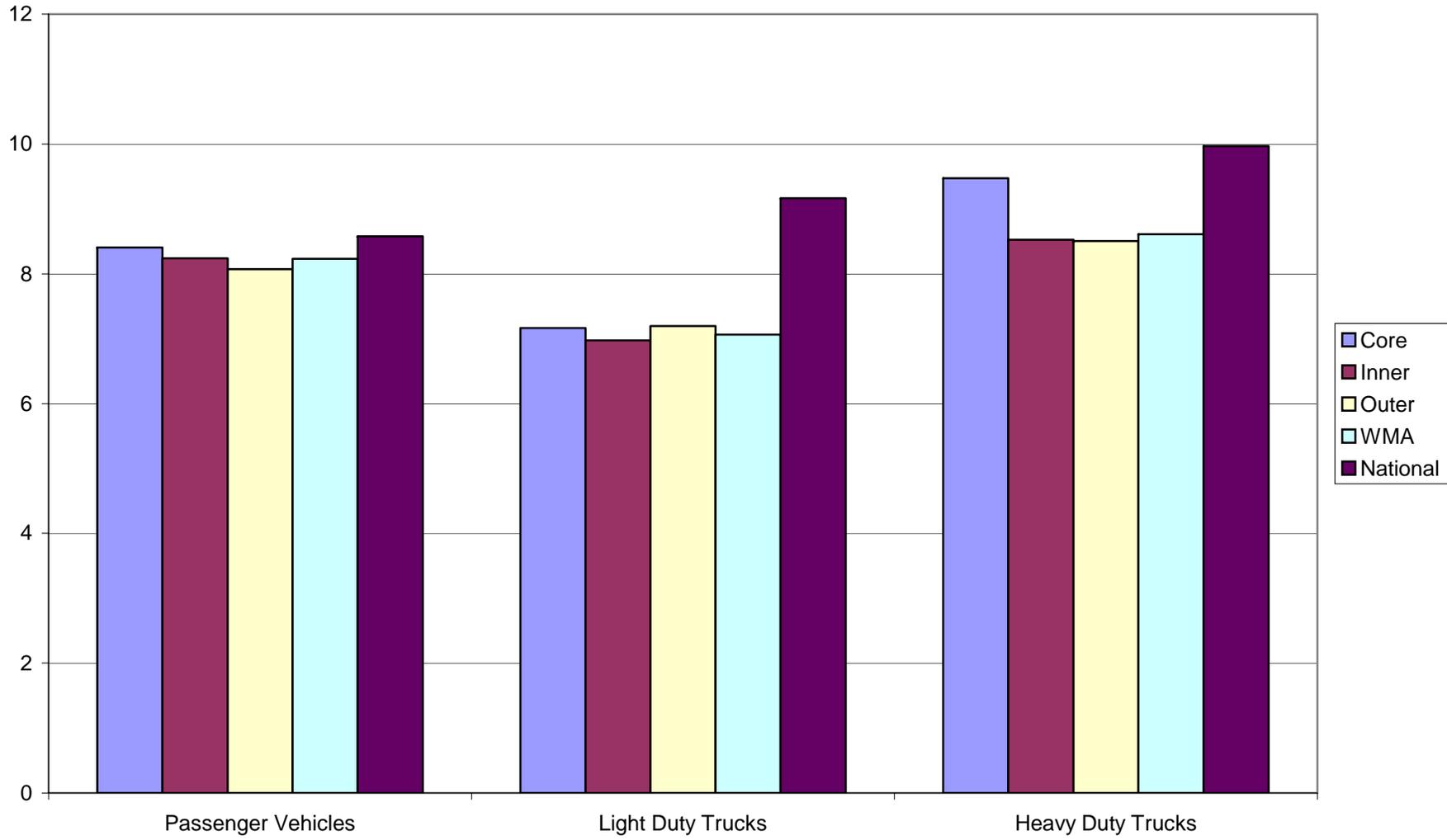
Vehicle Fleet and Demographic Data for the Washington Region by Jurisdictional Ring

	Core	Inner Suburbs	Outer Suburbs	Washington Metro Area	National
Passenger Vehicles	355,515	1,210,044	438,530	2,004,089	105,955,155
Light Duty Trucks	139,410	683,168	357,985	1,180,563	97,974,626
Heavy Duty Trucks	15,643	86,813	61,470	163,925	15,398,261
Total Vehicles	510,654	1,980,259	857,665	3,348,578	219,328,042
Population	911,700	2,868,500	1,091,600	4,871,800	296,410,400
Vehicles per Person	0.56	0.69	0.79	0.69	0.74
Households	410,400	1,046,200	378,400	1,835,000	122,671,734
Vehicles per Households	1.24	1.89	2.27	1.82	1.79
Hybrid Vehicles	2,184	6,265	3,394	11,843	405,911
Hybrid Vehicles per 1,000 People	2.40	2.18	3.11	2.43	1.37
Hybrid Vehicles per 1,000 Households	5.32	5.99	8.97	6.45	3.31

**Vehicle Fleet for the Washington Region by Jurisdictional Ring
Percent of Total by Vehicle Type**



Vehicle Fleet for the Washington Region by Jurisdictional Ring Average Vehicle Age by Vehicle Type

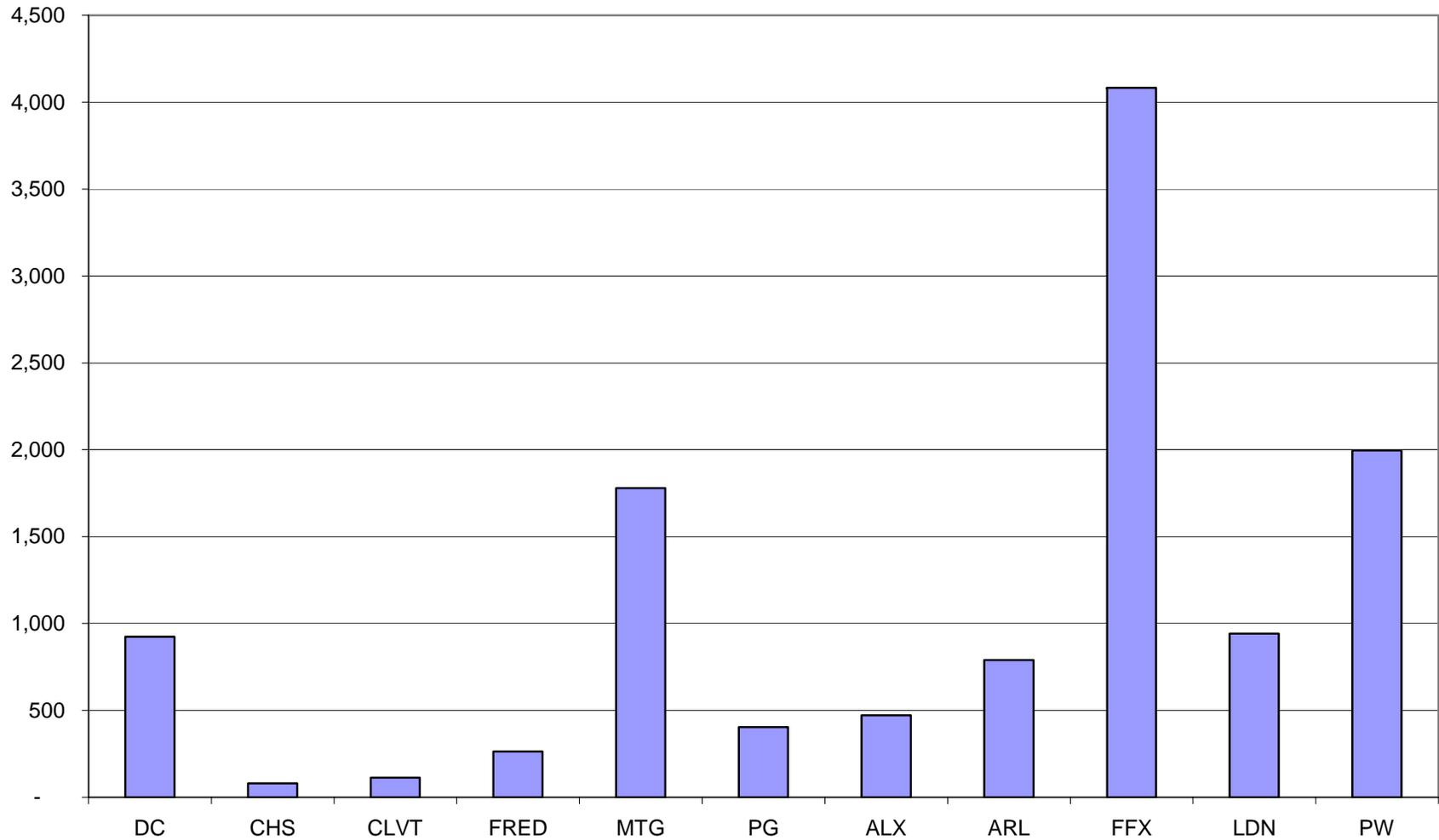


Hybrid Vehicles for the Washington Region by Jurisdiction

Hybrid Vehicles per Household in the Washington Region

Jurisdiction	Number of Hybrid Vehicles	Round 7.0 Cooperative Forecasts for 2005		Hybrids Vehicles per 1,000 Household
		Population	Households	
DC	923	577,500	252,000	3.66
CHS	80	138,000	48,200	1.66
CLVT	113	82,800	28,300	3.99
FRED	264	220,900	79,500	3.32
MTG	1,779	942,000	347,000	5.13
PG	404	852,900	308,500	1.31
ALX	472	135,900	66,300	7.12
ARL	789	198,300	92,100	8.57
FFX	4,082	1,073,600	390,700	10.45
LDN	941	247,300	87,500	10.75
PW	1,996	402,600	134,900	14.80
TOTAL	11,843	4,871,800	1,835,000	6.45

Number of Hybrid Vehicles in the Washington Region by Jurisdiction



**Number of Hybrid Vehicles per 1,000 Households in the Washington Region
by Jurisdiction**

