

HANDOUTS

from previous meeting



May 20, 2008

Draft 2008 Congestion Management Process (CMP) Technical Report

Andrew J. Meese
COG/TPB Staff

Commuter Connections
Subcommittee
May 20, 2008

Background

- A Congestion Management Process (CMP) is a requirement in metropolitan transportation planning
 - SAFETEA-LU
 - Federal regulations for metropolitan planning issued February 14, 2007 address CMP requirements
 - March 2006 Federal certification of the TPB process
- Metropolitan long-range plans developed after July 1, 2007 must have a CMP
 - CMP components were developed in concert with the updated 2007 CLRP

Three Major FY2008 CMP Activities

1. **CMP components of 2007 CLRP**
 - Identified congestion in the region, through Skycomp and other data
 - Developed and documented a congestion management process
 - TPB approved the 2007 CLRP January 16, 2008
 - Status: Completed

2. **CMP documentation forms for the CLRP and TIP**
 - Supporting CMP reference material
 - Reviewed and accepted by Travel Management Subcommittee and TPB Technical Committee April 2008
 - Status: Completed

3. **2008 CMP Technical Report**
 - Status: Currently under development and review for completion by June 30

Development of Draft CMP Report

- Report developed following an outline approved by the TPB Technical Committee in May 2007
 - Based upon SAFETEA-LU legislation and regulations and mid-1990's Congestion Management System (CMS) annual reports
- Two major sections:
 - Chapters 1 – 6 provide an overview of the CMP, where congestion occurs, and what strategies are being considered or pursued
 - Chapter 7 and Appendices delve into data and methodologies of major TPB studies

Chapter 1 – Executive Summary

- Summary of CMP Technical Report
- To be written

Chapter 2 - Introduction

- Need for a CMP Technical Report
 - Federal legislation
 - Federal certification of TPB planning process
- Institutional Context of CMP in the Washington region
 - Overview on the TPB and the Technical Committee
 - Previous CMP (CMS) activities

Chapter 3 – Where Congestion Occurs or Will Occur in the Washington Metropolitan Area

- Congestion on Major Highways
 - Freeways (Skycomp)
 - Arterials (Arterial Monitoring Program)
- Safety and Congestion
- Congestion on the area's transit systems
- Park-and-Ride facilities
- Airport access (TPB Studies)
- National Comparison of the Washington region's congestion (TTI)

Chapter 4 – Impacts of Previously Implemented Congestion Management Strategies

- Demand Management Strategies
 - Commuter Connections Programs
 - Local Jurisdictional Activities
- Operational Management Strategies
 - HOV Facilities
 - Variably Priced Lanes (VPLs)
 - Transit Systems
 - Bicycle and Pedestrian Transportation
 - Traffic Management

Chapter 5 – Recent Studies of Congestion Management Strategies

- Project-related congestion management strategies
 - Woodrow Wilson Bridge
 - Springfield Interchange
 - 11th Street Bridges
 - South Capitol Street Project
- Congestion management impacts of Transportation Emissions Reduction Measures (TERMs)
- Regional Mobility and Accessibility Scenario Study

Chapter 6 – How the Results of the CMP are Integrated into the CLRP

- Congestion analysis of the 2007 CLRP
- Demand management in the CLRP
- Roadway and systems management in the CLRP

- Interlinks in the on-line format of the 2007 CLRP provide connections between congestion management and other CLRP components

Chapter 7 – Data and Methodologies

- Details that support Chapters 1 through 6
- Definition of CMP network
- Performance measures
- Detailed review of congestion management strategies
 - Qualitative criteria long lists
- Monitoring activities
 - Summary of Travel Forecasting program activities
 - Congestion monitoring
 - Cordon counts
 - Household Travel Survey
 - Special Studies and programs
- Details of Highway Monitoring (freeway and arterials)

Next Steps

- Committee reviews during April, May, and June
 - Commuter Connections, Travel Management Subcommittee, MOITS
 - TPB Technical Committee first review June 6 and anticipated final review June 27
- Comments that cannot be accommodated this year will be looked at for a revised report during FY2009
 - Additional data and analyses
 - Beyond FY2009, frequency of update (e.g., annually, biennially) still under consideration
- CMP Technical Report anticipated to be completed and approved by July 2008

Comments and Feedback are welcome:

Andrew Meese ameese@mwkog.org

**What do 11 million people
in the Baltimore-Washington region
have in common?**



**CLEAN AIR
PARTNERS**



**CLEAN AIR
PARTNERS**

777 North Capital St. NE
Suite 300
Washington, DC 20002

“
Washington Gas is proud to be a
founding member of Clean Air
Partners. Through our membership
we are able to promote clean air
initiatives to our employees and the
communities we serve.”

— James H. DeGraffenreidt, Jr.
Washington Gas Chairman and CEO

www.cleanairpartners.net

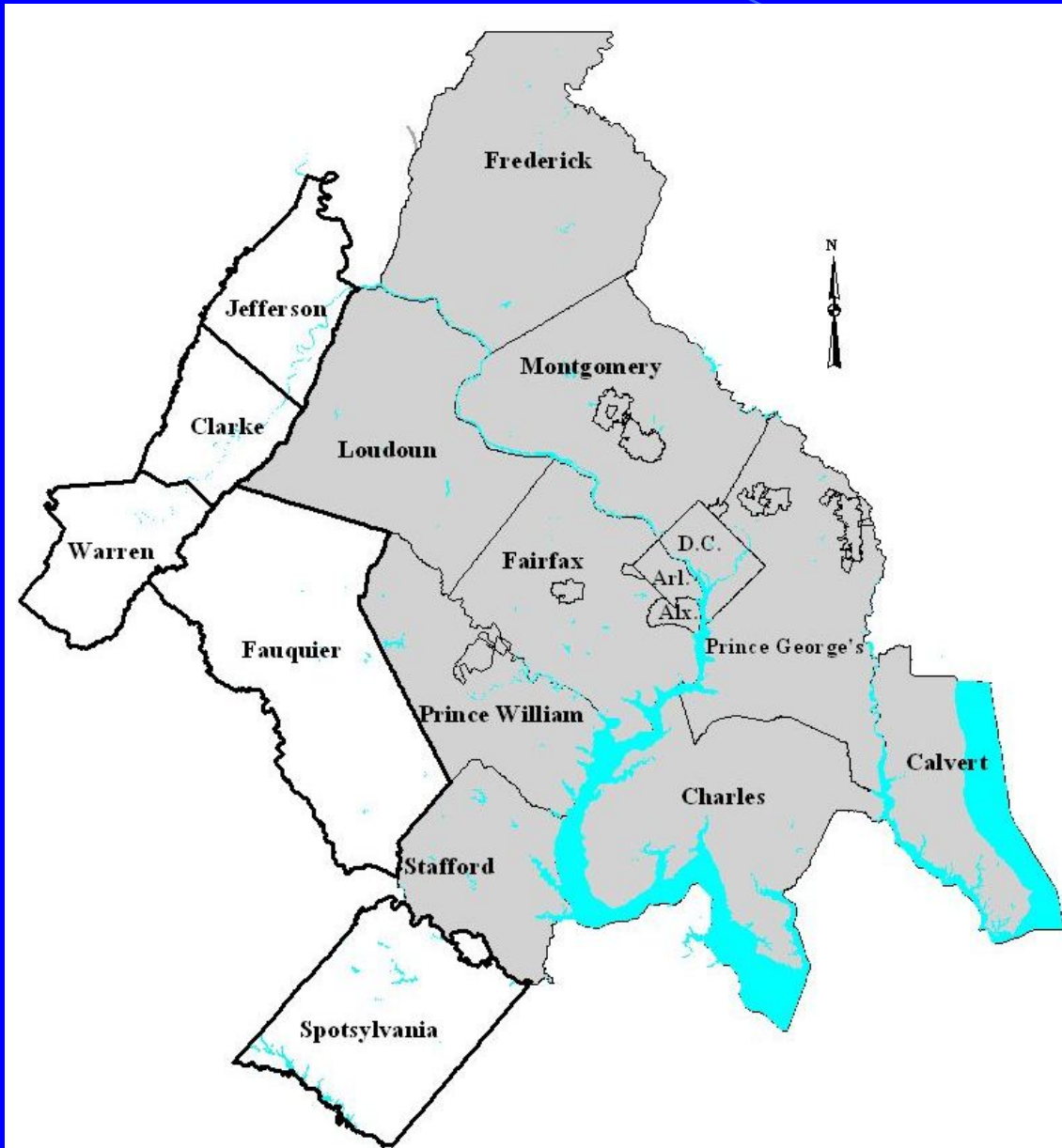
Non Profit
Organization
U.S. Postage
PAID
Washington D.C.
Permit No. 90770

Regional Travel Trends 2000 - 2006

**Presentation to the
Commuter Connections Subcommittee**

**Robert E. Griffiths
Technical Services Director
May 20, 2008**

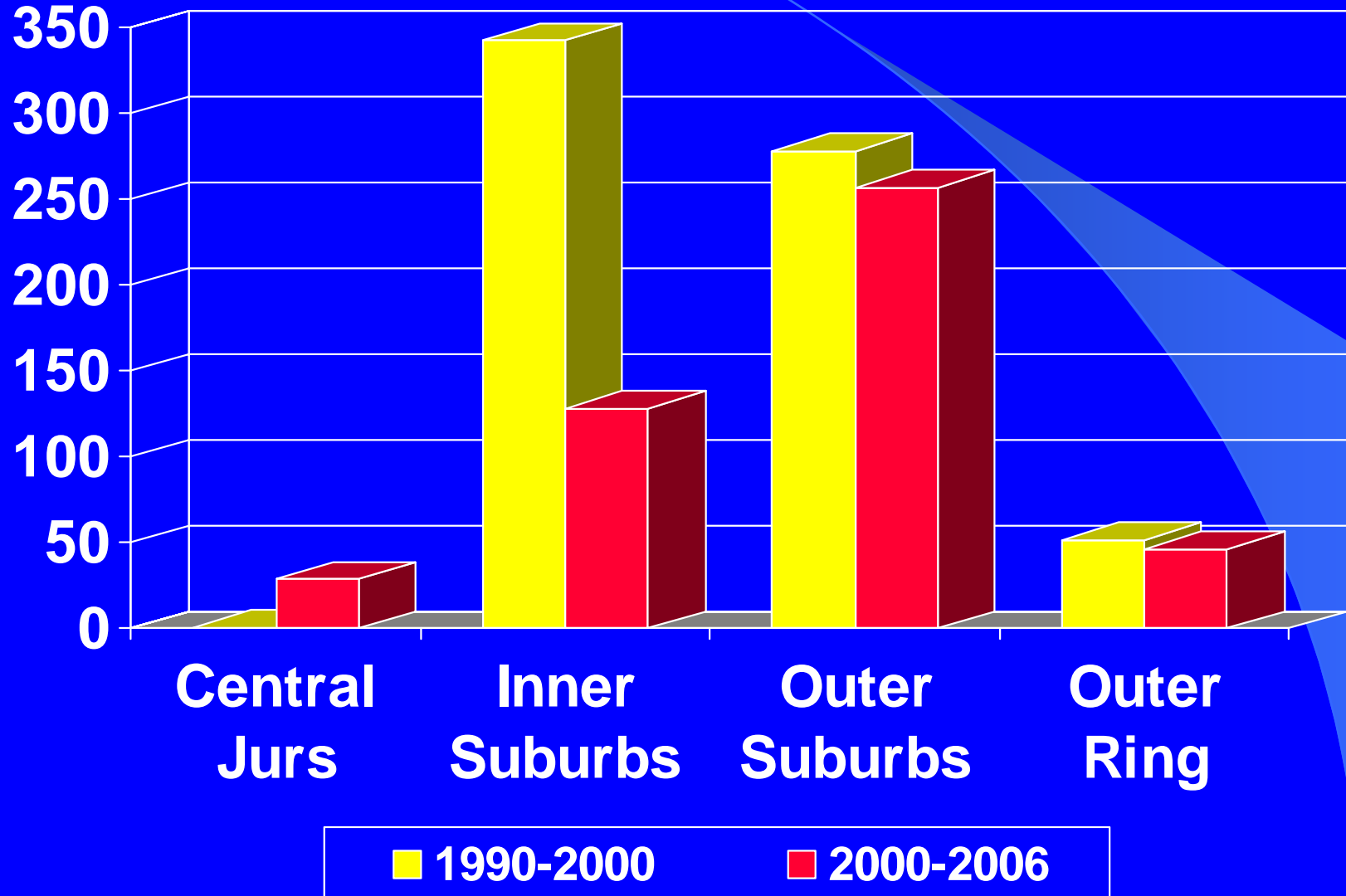
Washington DC-MD-VA-WV MSA (2003)



- **22 Cities and Counties**
- **5,600 Sq Miles**
- **5.3 Million People**

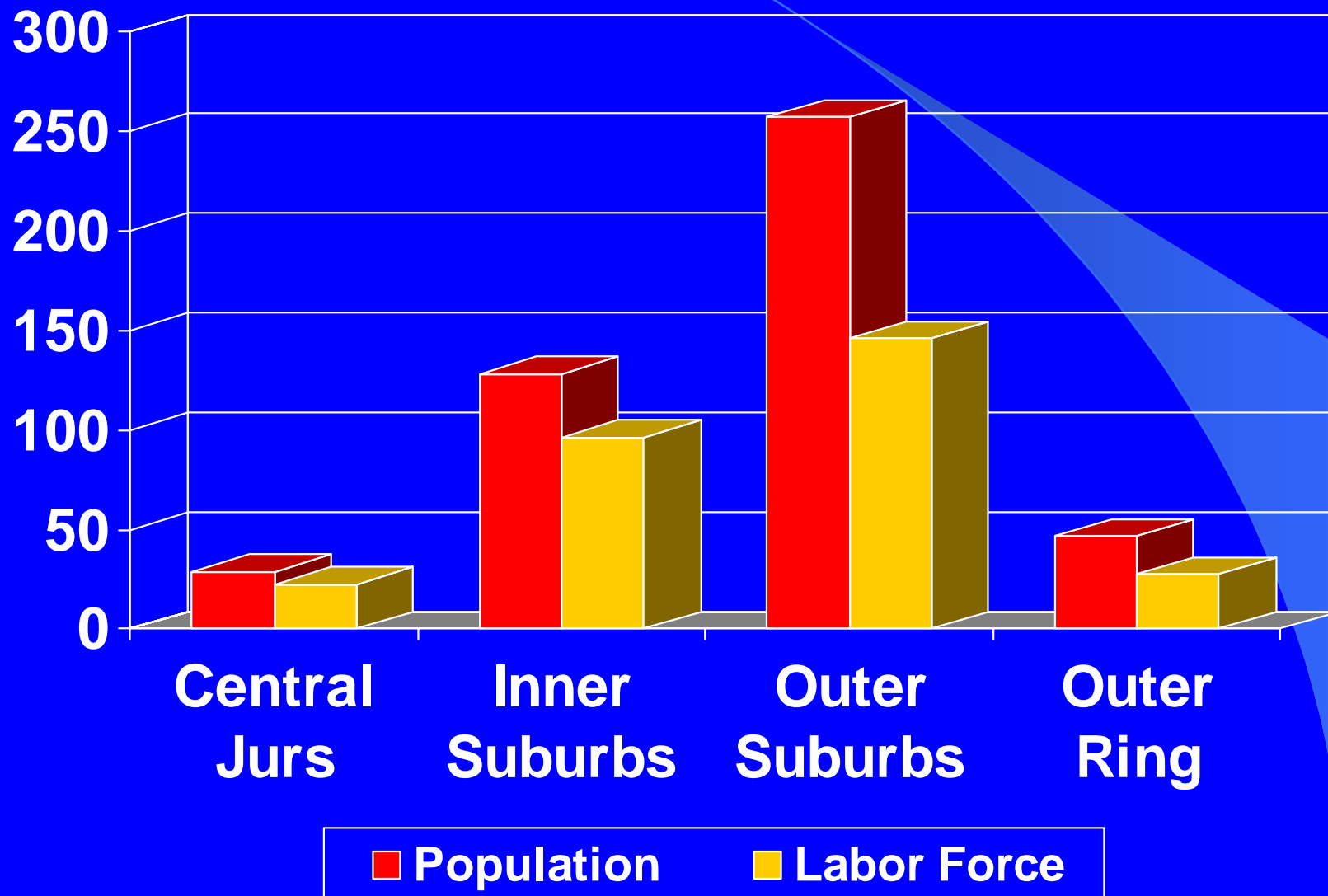
Population Growth

(Change in Thousands)



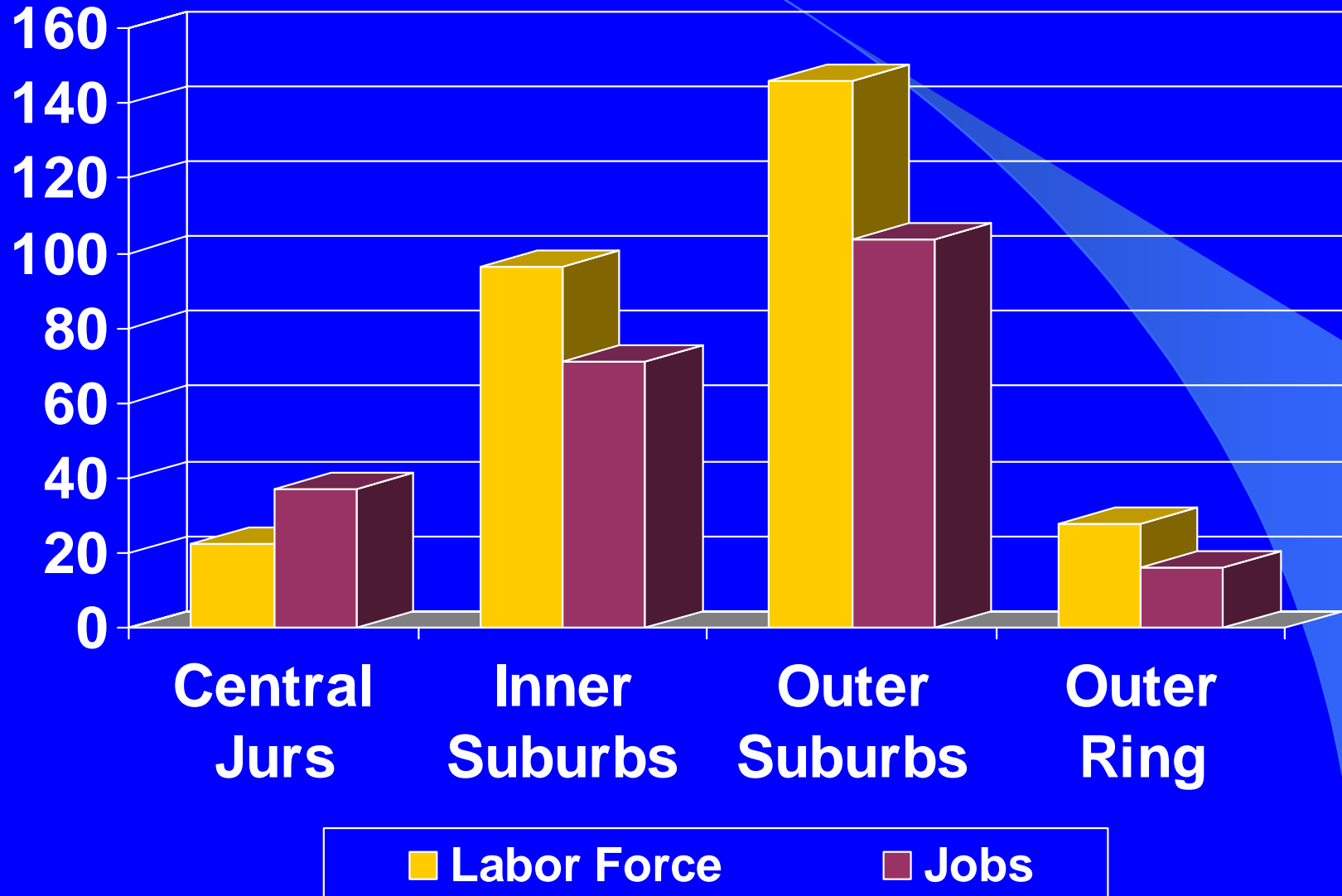
Growth in Population Compared to Growth in Labor Force 2000 – 2006

(Change in Thousands)



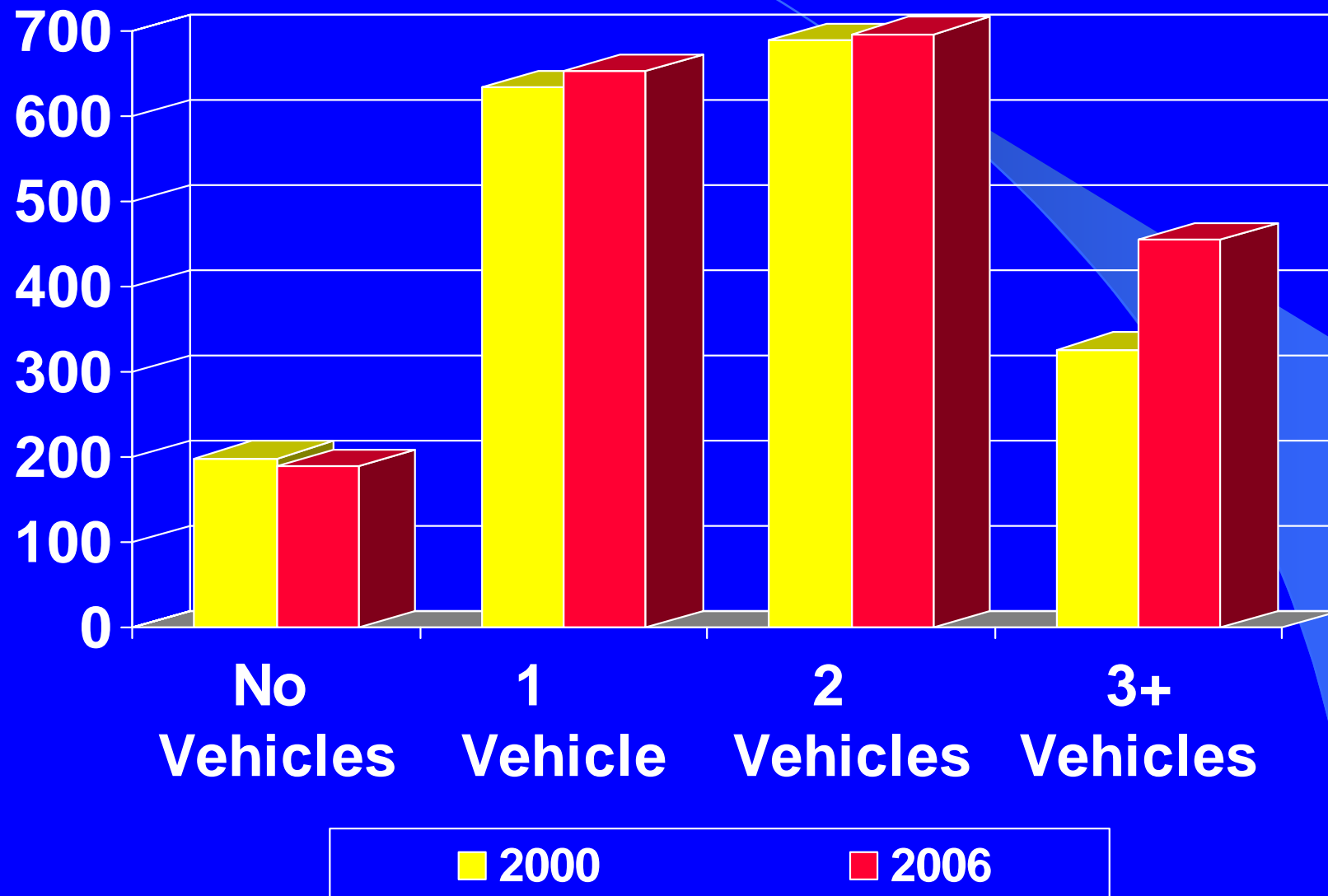
Growth in Labor Force Compared to Wage & Salary Jobs Growth 2000 – 2006

(Change in Thousands)



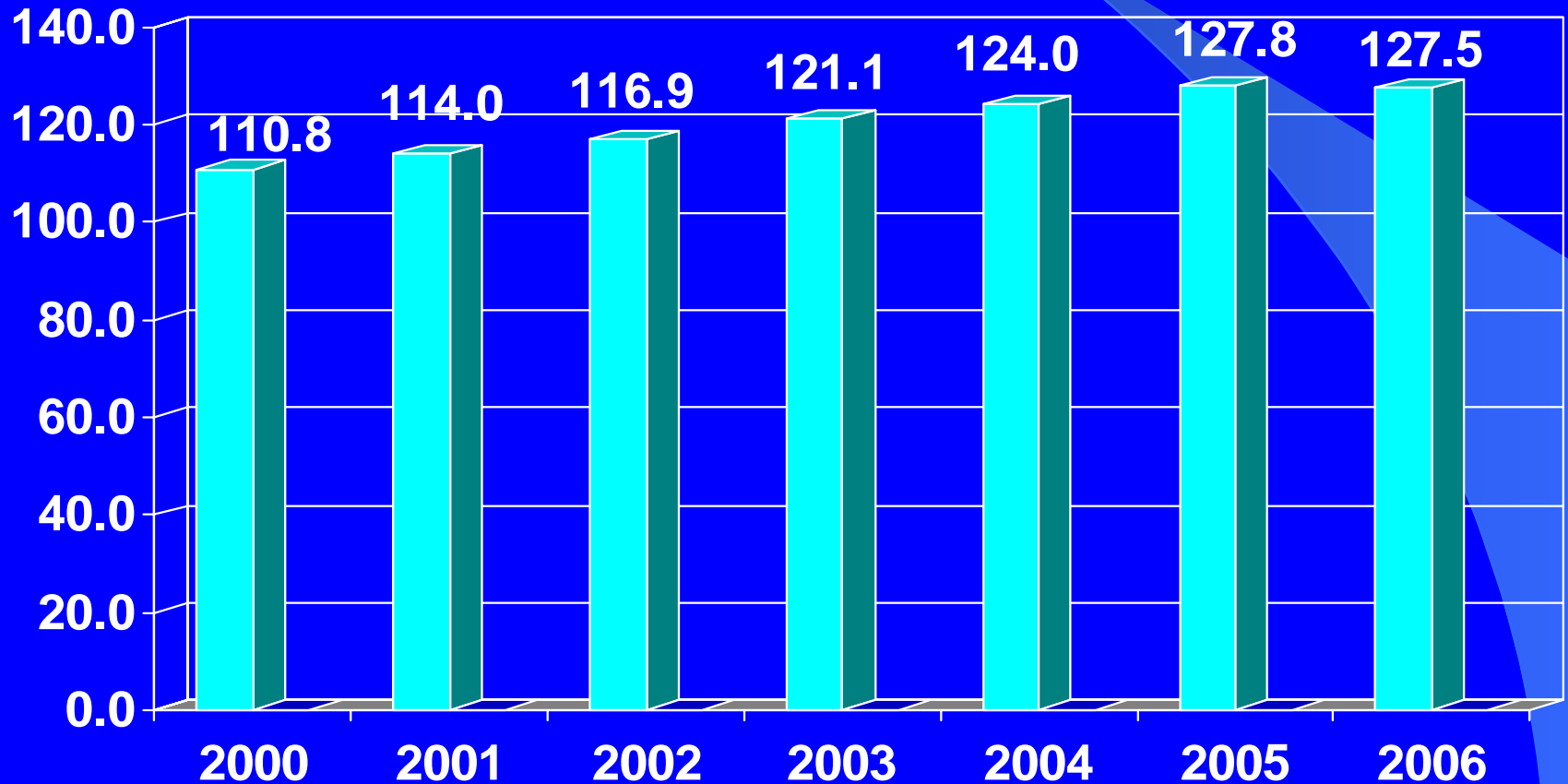
Household Vehicle Availability 2000 – 2006

(Number of Households in Thousands)



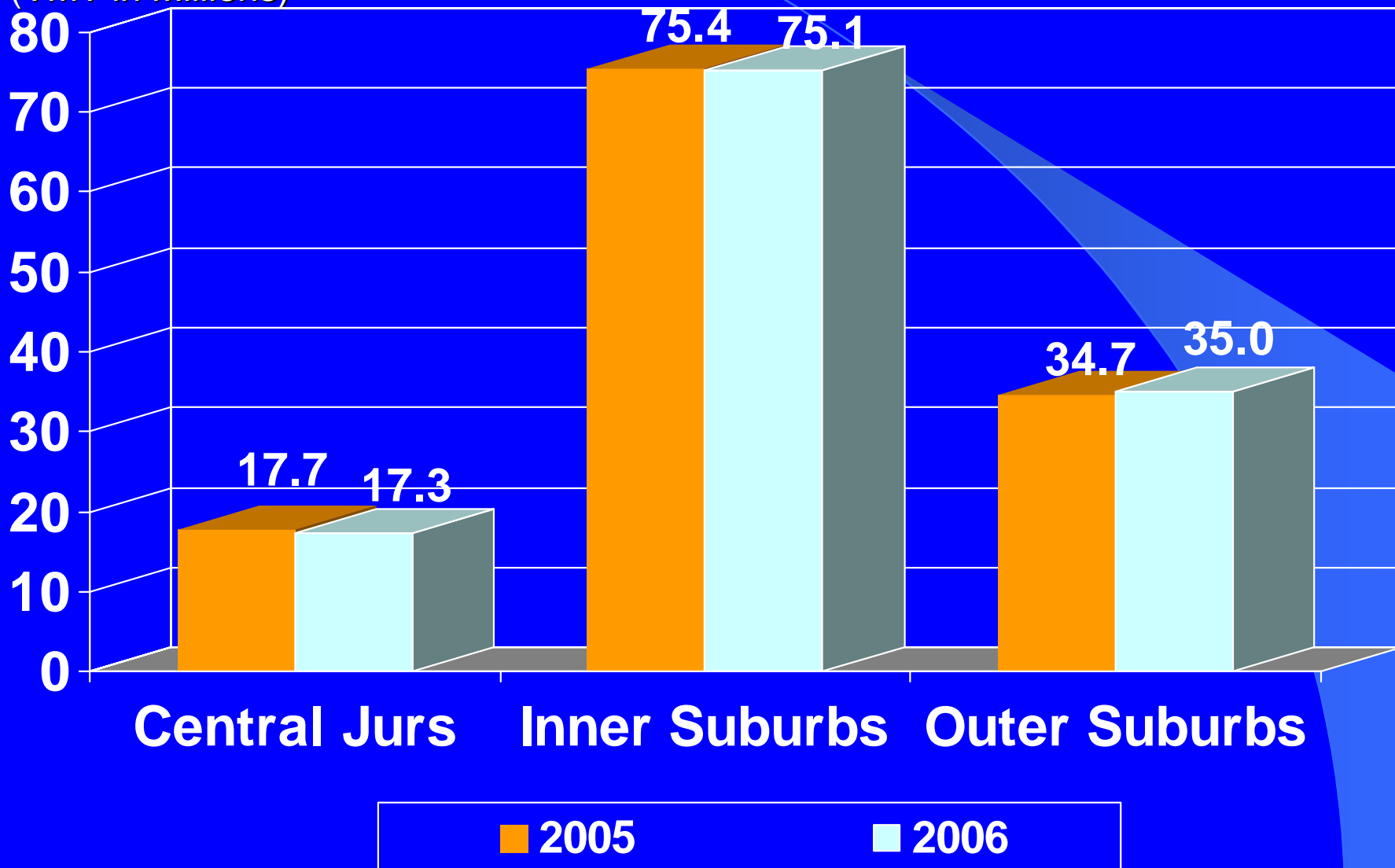
Weekday Vehicle Miles of Travel 2000 – 2006

(VMT in Millions)



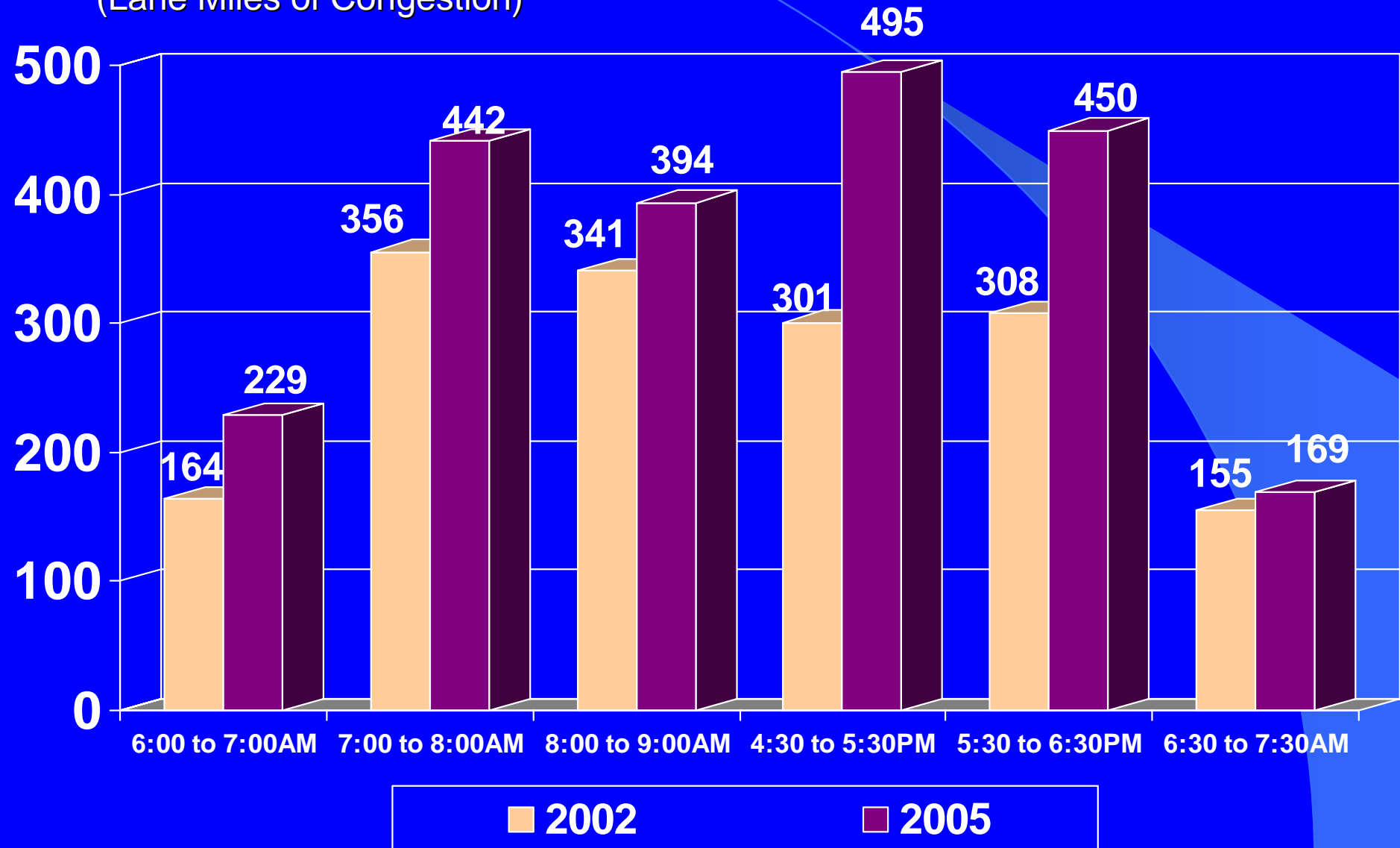
Daily Vehicle Mile of Travel by Subarea 2005 - 2006

(VMT in Millions)



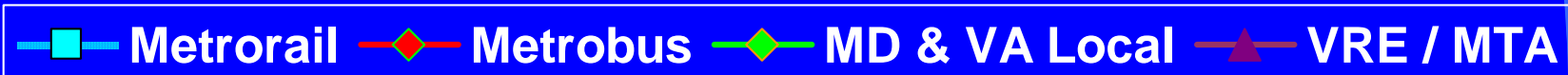
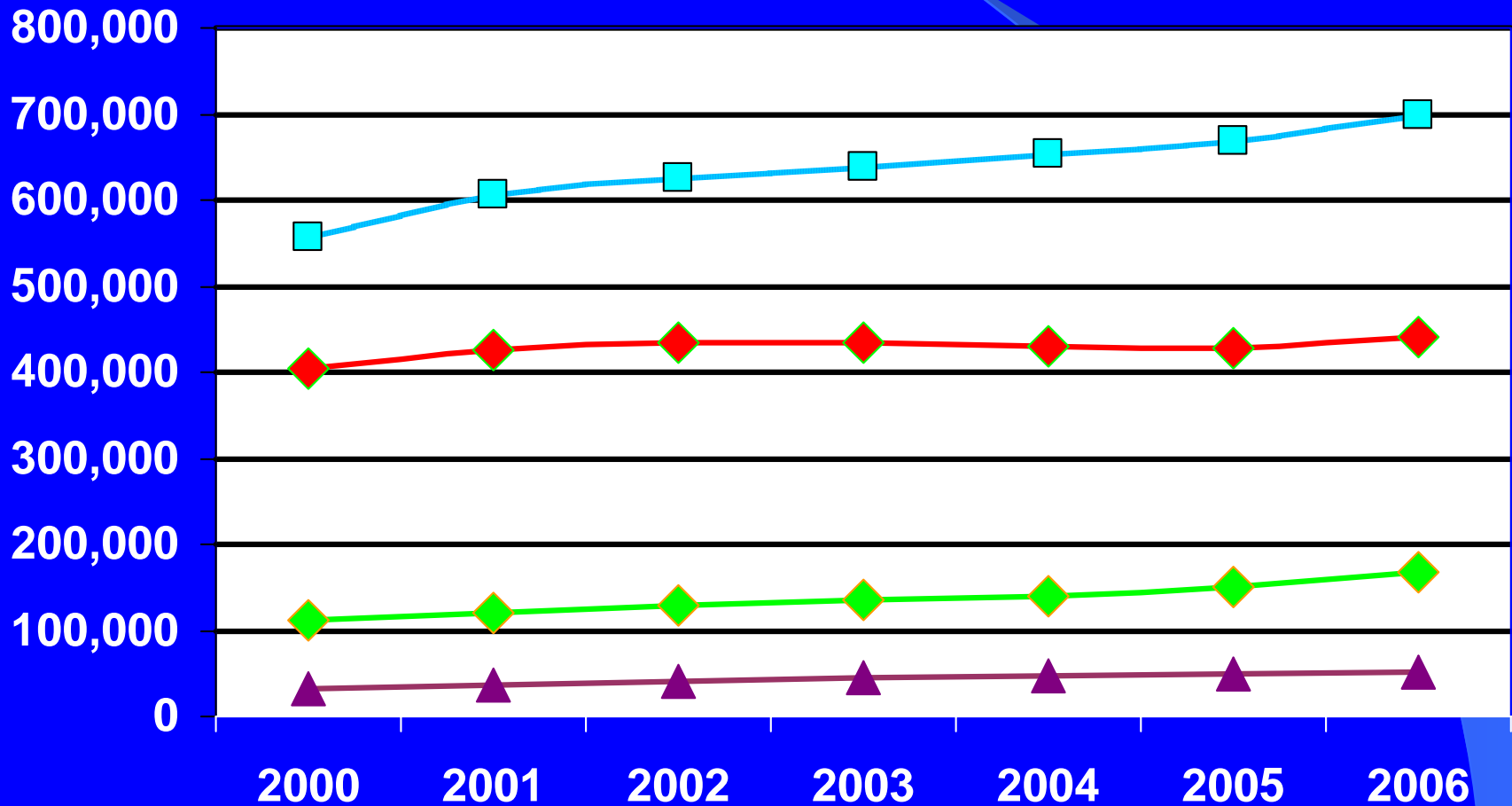
Increase in Freeway Congestion 2002 – 2005

(Lane Miles of Congestion)



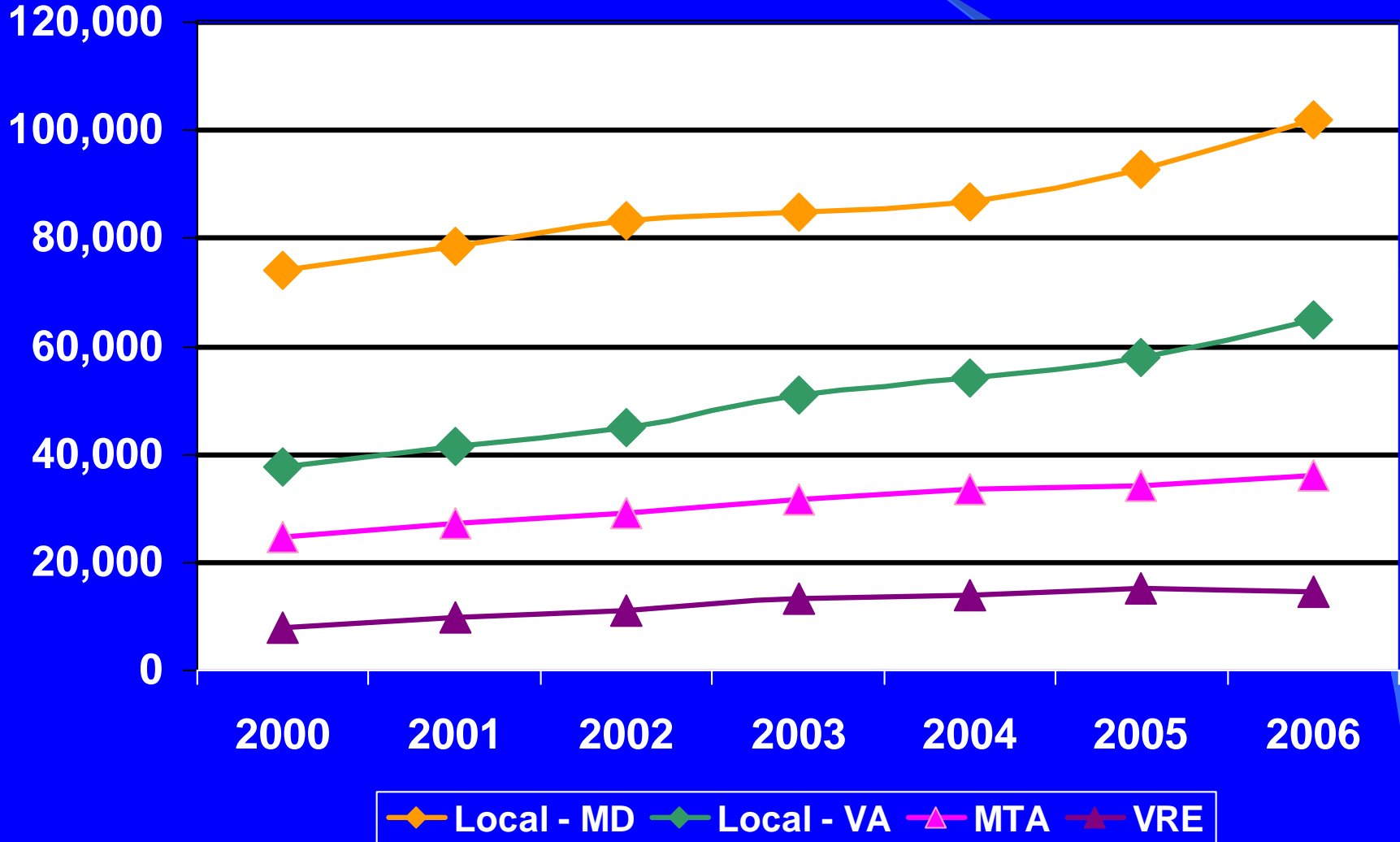
Growth in Weekday Metrorail, Metrobus and Local Transit Ridership FY 2000 - 2006

(Average Weekday Trips)



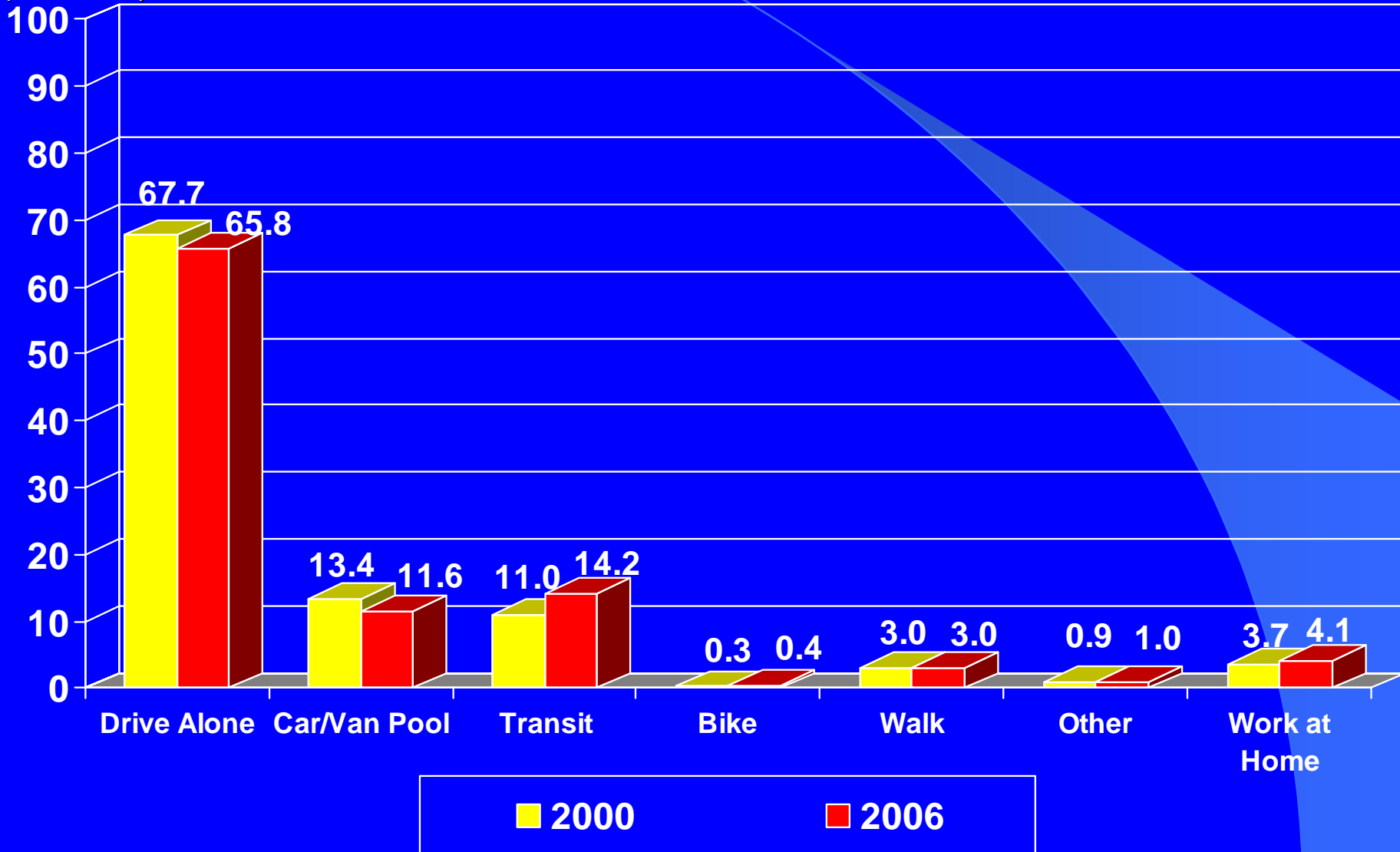
Growth in Ridership on Local Jurisdiction Transit Systems FY 2000 - 2006

(Average Weekday Trips)



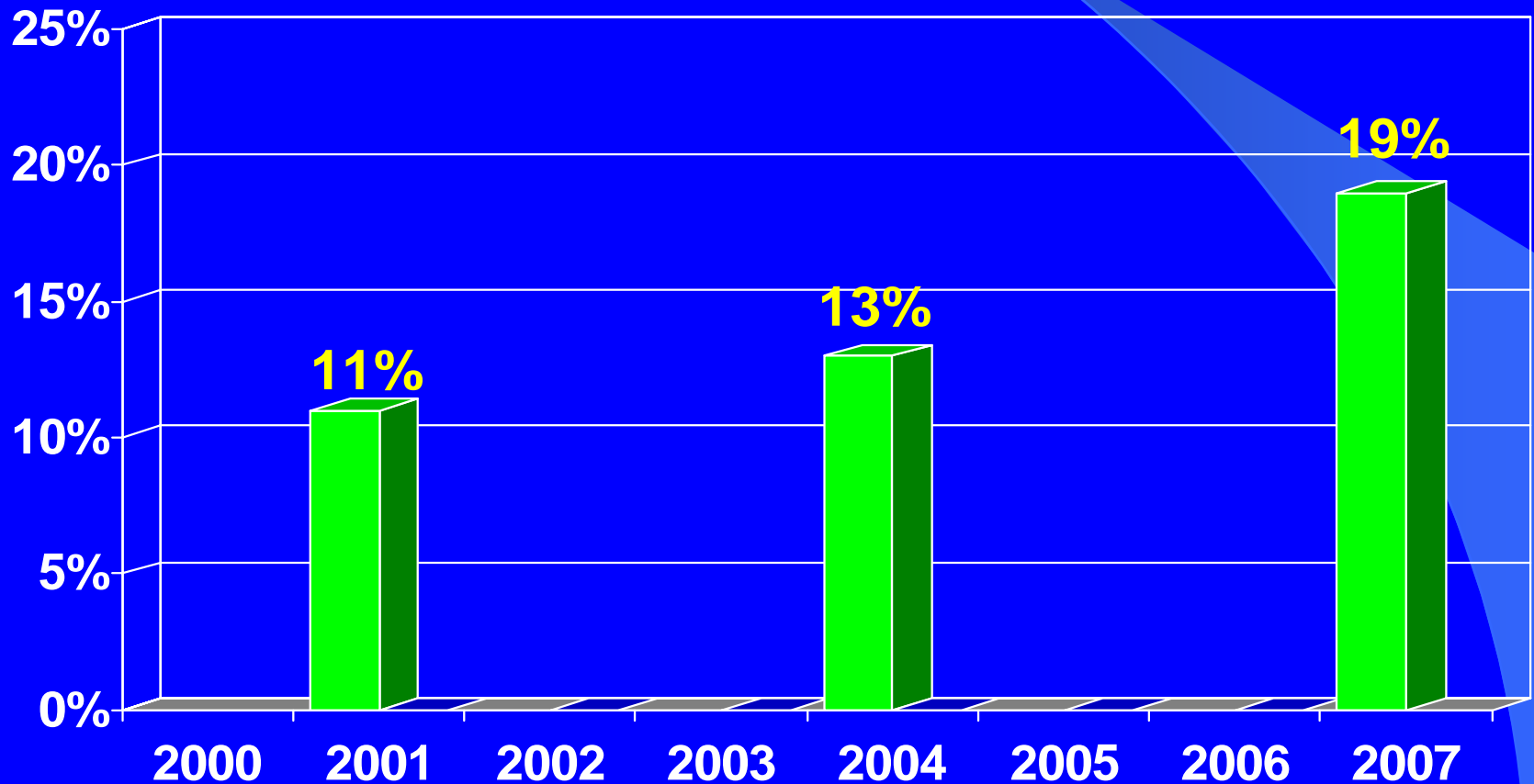
Commuting Mode Shares (2000 – 2006)

(Percent)



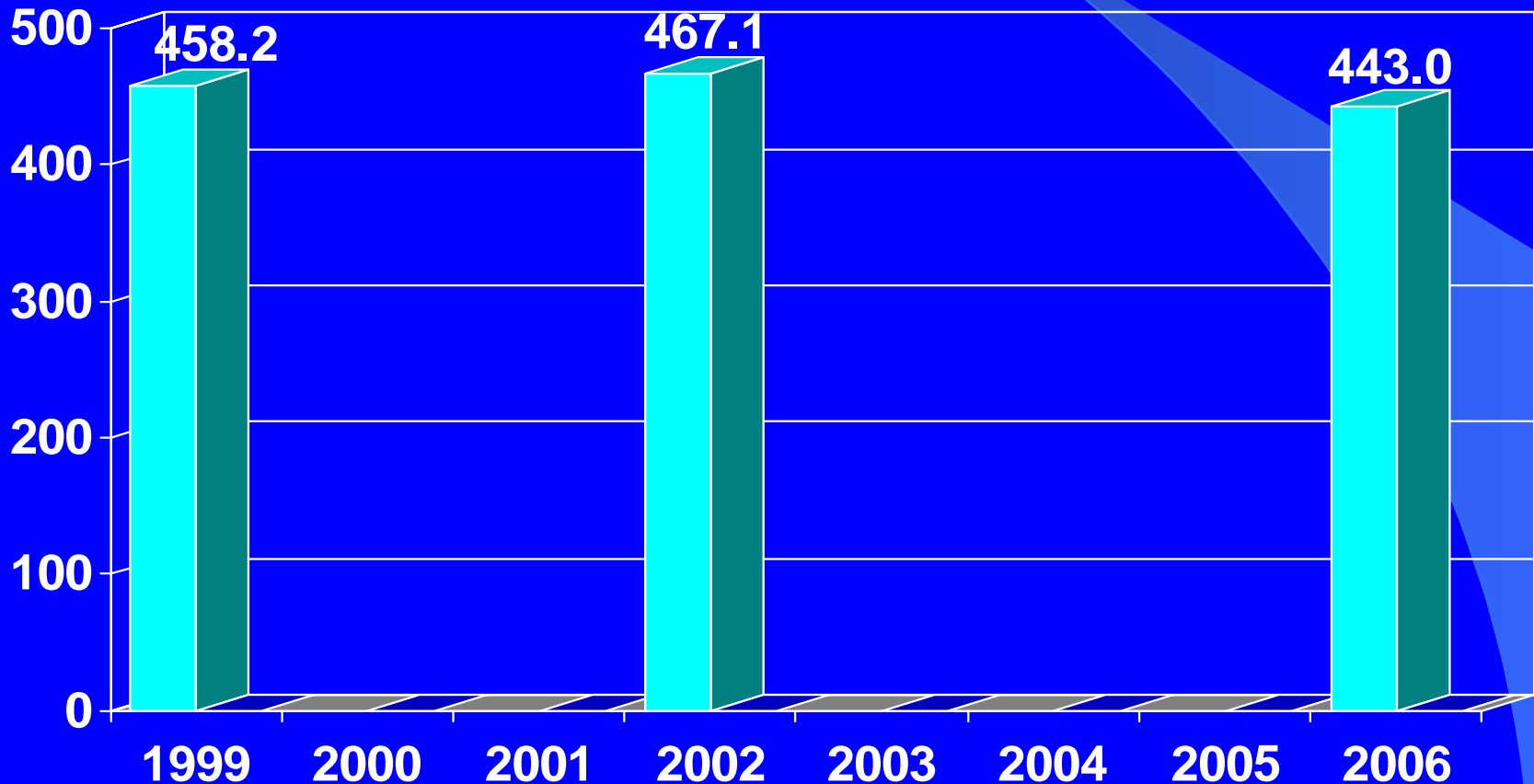
Increase in Teleworking 2001 – 2007

(% of Commuters Telecommuting 1 or more days per week)



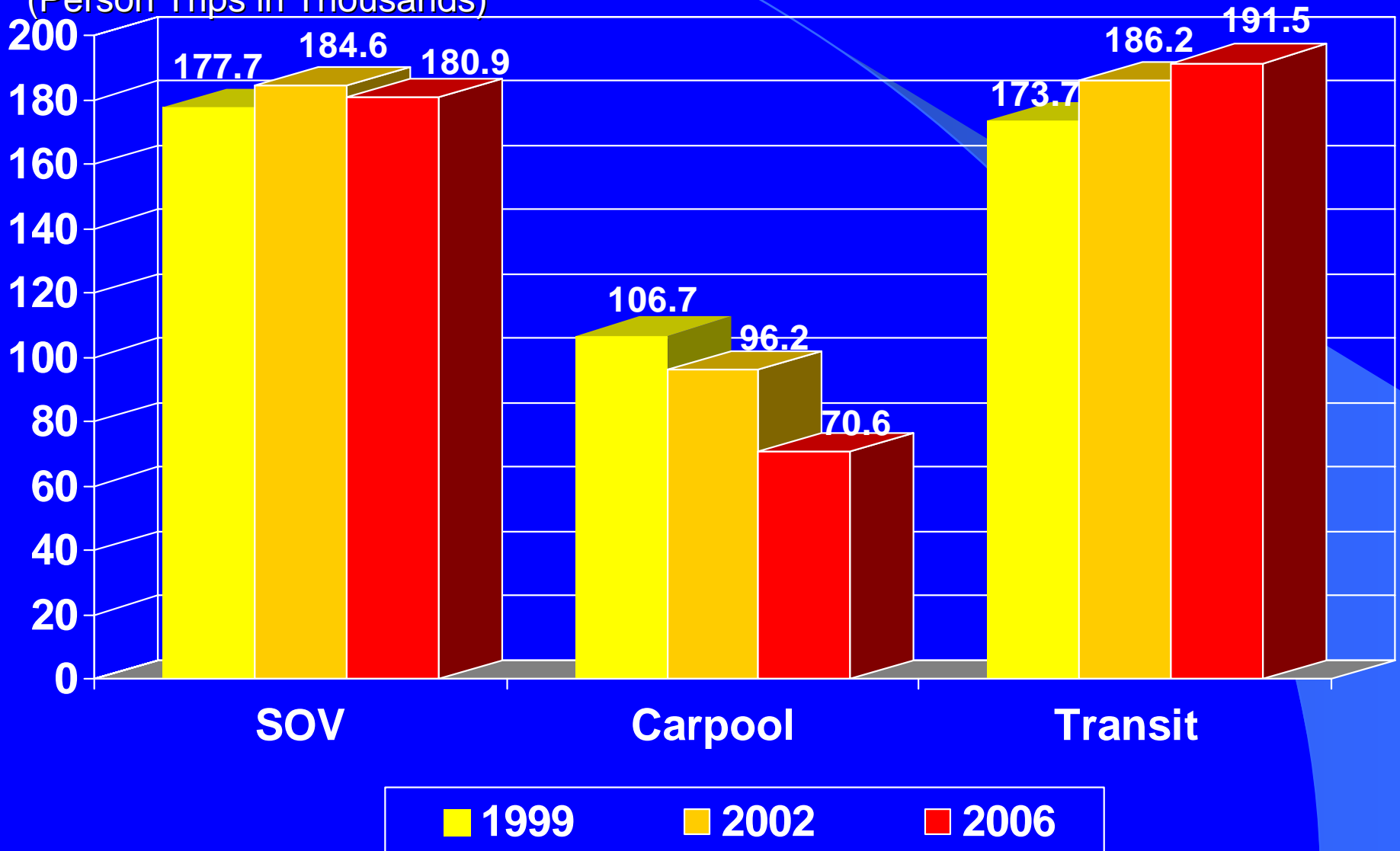
AM Peak Period Travel to and through the Central Employment Area 1999 – 2006

(Inbound Person Trips in Millions)



AM Peak Period Modal Shares to Central Employment Area

(Person Trips in Thousands)



Major Findings and Conclusions

- **Locus of Population and Employment Growth has shifted to Outer Suburbs**
- **Turn Around in Population and Employment Growth in DC**
- **Saturation in Vehicle Availability**
- **VMT Growth Still Faster than Pop and Jobs**
- **Increase in Freeway Congestion**
- **Modal Shift to Transit**
- **Decline in Percent of Commuters Driving Alone and Carpooling**
- **Trends Moving toward TPB Vision Goals**

We ALL breathe the same air.

About Clean Air Partners

Air quality affects us all. Our region's air quality has improved steadily over the past 10 years, but we still experience a significant number of days where poor air quality presents a health risk. Those most susceptible to poor air quality are children, older adults, and those with heart and lung conditions. More than likely, you or someone you know feels the effects of poor air quality. Clean Air Partners and its members are dedicated to changing that.

For more than 10 years, Clean Air Partners has been providing the public with simple steps on how to improve air quality. Hundreds of organizations throughout the metropolitan Washington, northern Virginia, and Baltimore region have joined us in our efforts to raise awareness about the environmental and health effects of air pollution, including *ground-level ozone, particle pollution* and *greenhouse gases*.



Join our efforts to increase public awareness of the health and environmental effects of air pollution and take simple actions to improve our region's air quality.

Become a Member

Become a member of Clean Air Partners and you'll support our efforts to improve the region's air quality through:

- Our annual public awareness campaign which reaches millions of people in the Washington-Baltimore region.
- Timely and reliable air quality forecast information.
- Our new air quality curriculum (*On The Air: Exploring Air Pollution Sources and Solutions*), being introduced into schools in 2008.

Member Benefits

As a member, your organization will receive the following:

- **Daily Clean Air Partners' AirAlerts:** Timely and accurate air quality forecasts which you can distribute by email to your employees.
- **Air Quality Action Guide:** Our easy-to-read guide provides your employees and customers with simple steps to improve air quality.
- **Fact Sheet and Tips:** Information on how your organization and employees can reduce air pollution.
- **Template Materials:** Template newsletter articles for employees and customers and press releases announcing your organization's commitment to improving air quality.
- **Website Link:** Members are hyperlinked on Clean Air Partners' website, which receives several million hits each year.





YES, I want to do my share for cleaner air by becoming a member of Clean Air Partners!

Name: _____

Organization: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ E-mail: _____

- Nonprofit with less than 100 employees (\$100/year)
- Private sector, government, and nonprofits with 100 or more employees (\$250/year)

THANK YOU for your support! An invoice will be sent to you after your membership form is received. As a special offer, your membership will be valid through June 2009.

Please let us know what additional information you are interested in receiving:

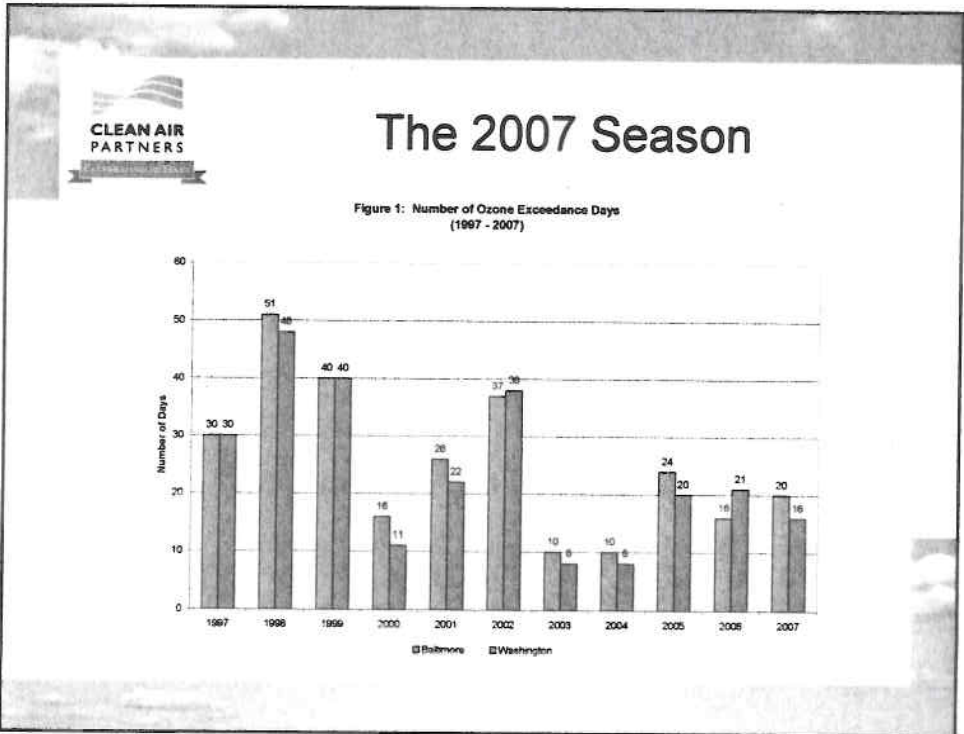

- Sponsorship
- Sign up to receive daily AirAlerts
- How to start a workplace air quality program
- Clean Air Partners air quality curriculum for regional schools
- Other: _____

What
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CLEAN AIR PARTNERS
COMMITMENT TO EXCELLENCE

Commuter Connections Subcommittee May 20, 2008





New EPA Standard for Ozone

Increase in Code Orange and Code Red Air Quality Days Expected Throughout Region

"According to Clean Air Partners, a regional partnership committed to improving air quality and protecting public health throughout the metropolitan Washington-Baltimore region, the number of **Code Orange** days will likely **double** this season. This increase will require residents to take action more frequently in order to reduce air pollution and protect the health of area residents."



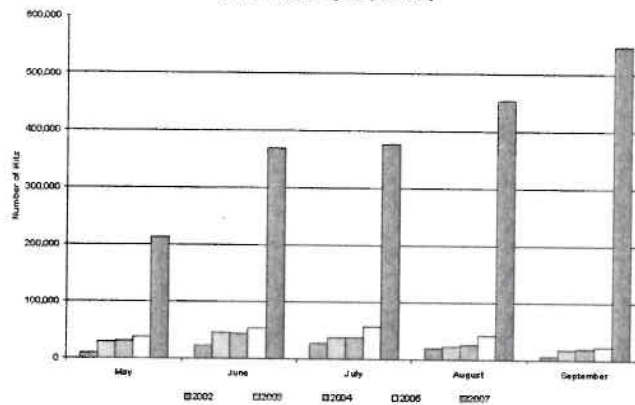
Major Accomplishments

- Raising the bar on air quality awareness.
- Engaging the next generation.
- Launching new industry initiatives.
- Expanding Clean Air Partners' role.



Raising the Bar!

Clean Air Partners Web Site Hits
Monthly Comparison by Year (2002 - 2007)



2007 Sponsors - \$152,500

- Commuter Connections (\$15K)
- Constellation Energy (\$20K)
- Fairfax County (\$15K)
- Frederick Co. TransIT (in-kind)
- Lockheed Martin (\$2.5K)
- Mirant (\$50K)
- Montgomery County (\$5K)
- Prince George's County (\$15K)
- VDRPT/Telework!VA (\$15K)
- Washington Gas (\$15K)
- WMATA (in-kind)





Engaging the Next Generation



Engaging the Next Generation

- Hired Rebecca Davis as part-time Education Coordinator in Nov 07.
- Finalized "On the Air" education materials (Feb 08).
- Identified target audience – 500+ middle and elementary schools, upwards of 2,000 sixth-grade science teachers.
- Extensive networking and outreach.
- Dissemination strategy: top-down and bottom-up approach.
- Collaboration with environmental educators and other nonprofit environmental education organizations in DC, MD, and VA.



Engaging the Next Generation

- Swanson Middle School, Arlington, VA (80 students).
- W.B. Patterson Elementary School, DC (40 students).
- Mayfield Intermediary School, Manassas, VA (150 students).
- Roberto Clemente Middle School, Germantown, MD (100 students).



New Industry Initiatives

- **Parts Washer Rebate Program**





New Industry Initiatives

- EPA “Crash Course” Workshops

CRASH COURSE!

Mark your calendar for a FREE workshop on best practices in the collision repair industry

Thursday, June 5th
8:30-4:00

WORKSHOP INCLUDES

- A special perspective on best practices
- Key elements of success and efficiency
- Tools and techniques for high volume and premium work
- Breakfast, lunch and coffee service
- A national regulatory program for collision repair
- The right products/equipment for the job
- Marketing issues and sales
- Overview of new environmental regulations

Learn about \$1000 Rebate for environmentally friendly equipment

Sponsored by:
Clean Air Partners
DC Department of the Environment
Maryland Department of the Environment
Virginia Department of Environmental Quality
EPA Region 4 and Design for the Jointness
Washington Metropolitan Area Body Association

MetroDC Area Body Shop
Auto Body Shop

Maryland Department of the Environment
1800 Washington Blvd
Baltimore, MD 21220
Auto Conference Room

For More Info Contact:
301-453-1100
301-453-1100
301-453-1100

REGISTER ONLINE AT: www.1000rebate.com



Expanding Our Role

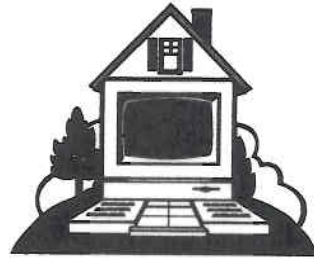
- **Prince George’s County Air Quality Strategic Plan**
 - Employee Survey (1,565 surveys completed – 26% response rate)
 - Customized Messaging
 - Participation Programs





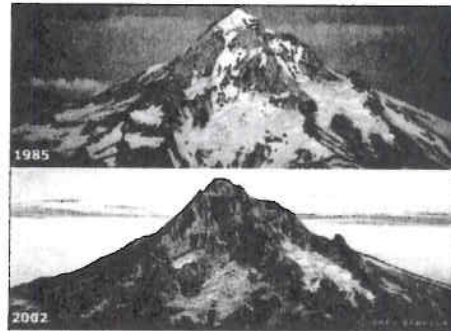
Expanding Our Role

- **Clean Air Teleworking**
 - Telework Took Kit
 - Pilots encouraging teleworking on Code Orange+ days



Expanding Our Role

- **Climate Change**
 - Board amended by-laws to include greenhouse gases.





AirAlerts Participants Survey

- Nearly half use the information for personal use (“me and my family”).
- 59% use the information year-round, while 45% use info during summer only.
- Most (65%) are likely to begin taking voluntary actions at Code Orange.
- Actions taken – refuel after dusk (68%), drive less (66%), and conserve energy at home (57%).



AirAlerts Participants Survey

- Future actions – carpool or take public transit (50%), telework (33%), use an electric lawnmower (19%).
- What they liked – convenient, easy to use, reliable, and informative.
- Recommendations – provide additional content, make it more user friendly.





FY 2009 Priorities

- Communicate new ozone standard.
- Incorporate environmental effects of climate change with current messaging.
- Expand new initiatives – curriculum/outreach and voluntary business initiatives.
- Measure awareness/change in behavior, especially at Code Orange.
- Market the web site – engage the public.



For More Information

Harriet West
Managing Director

harrietwest@verizon.net

703/431-8463



ATTENTION TEACHERS:

Clean Air Partners is pleased to announce the development of an exciting new air quality education program:

On the Air: Exploring Air Pollution Sources and Solutions

On the Air is an interactive teaching kit. *On the Air* engages students in the exploration of their environment as they study important air pollution topics such as Criteria Air Pollutants, the Air Quality Index, Ozone, Particulate Matter, Our Lungs and Health, Community Sources and Solutions and what is on every one's mind Climate Change.

The *On the Air* kit includes seven units that are:

- tied to and cross referenced to both your required curriculum and your state's education standards
- interactive--including hands-on activities, labs, and investigations
- inquiry based and designed to develop critical thinking skills
- complete with background information, student worksheets, teaching props, and visual aids
- relevant, fun, and engaging for students

In addition to addressing important science concepts, *On the Air* addresses math, technology, social studies, language arts, and health education standards. *On the Air* was developed specifically for sixth grade students in Washington D.C., Virginia, and Maryland and includes relevant and local data, examples, and issues.

***Understanding air pollution is an important part
of maintaining a clean, healthy environment!***

If you are interested in using this engaging kit of air quality education materials or if you have any questions, please contact:

**Rebecca Davis
Science Education Coordinator
Clean Air Partners
(703) 340-6875
rdavis@cleanairpartners.net
www.cleanairpartners.net**



ATTENTION SUMMER CAMPS & SUMMER SCHOOLS:

Clean Air Partners is proud to offer a new exciting air quality summer outreach program:

On the Air: Exploring Air Pollution Sources and Solutions

On the Air is an interactive outreach program. *On the Air* engages young people ages 10- 14 in the exploration of their environment as they study important air pollution topics such as Criteria Air Pollutants, Ozone, the Air Quality Index, Particulate Matter, Our Lungs and Health, Exploring Air Pollution Solutions and what is on every one's mind Climate Change.

The *On the Air* interactive outreach program focuses on the following questions:

- What are the six- criteria air pollutants?
- How ground level Ozone is created?
- What is Particulate Matter and how do PM affect our lungs?
- What is the impact of pollution on our lungs and our health?
- What is the AQI? How is air quality measured? What actions should we take?
- What are some solutions to air pollution?
- What is Climate Change? And what are our responsibilities?

***Understanding air pollution is an important part
of maintaining a clean, healthy environment!***

Students will participate, with a specially trained presenter from Clean Air Partners, in a classroom based interactive program for over an hour of fun and learning. For additional information please contact:

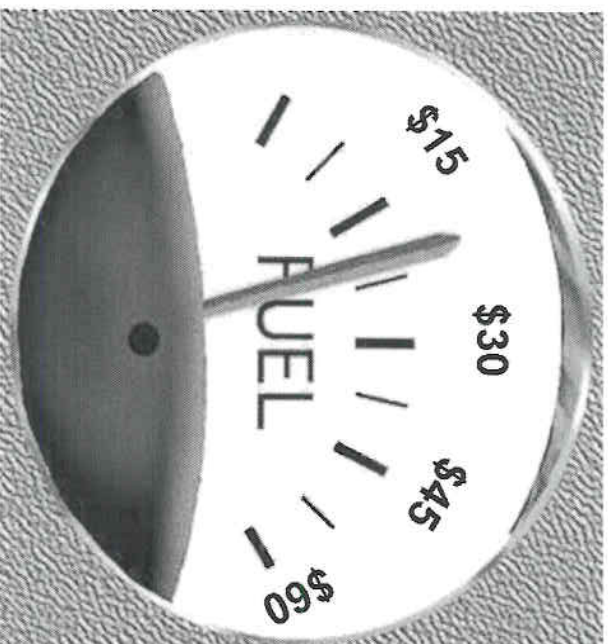
**Rebecca Davis
Science Education Coordinator
Clean Air Partners
(703) 340-6875
rdavis@cleanairpartners.net
www.cleanairpartners.net**

COMMUTER CONNECTIONS QUARTERLY BUDGET
 COMMITMENTS AND EXPENDITURES
 FOR COG FY08 (July 1, 2007 - March 31, 2008)

ITEM #9

	BUDGET TOTAL	FUNDS COMMITTED*	FUNDS EXPENDED**	%FUNDS EXPENDED***
COMMUTER OPERATIONS CENTER	\$644,461	\$644,461	\$553,115	86%
Data & PC	\$49,500		\$43,001	87%
Contract Services/Consultants	\$249,999		\$249,999	100%
COG/TPB staff, indirect & direct costs	\$344,962		\$260,115	75%
GUARANTEED RIDE HOME	\$545,584	\$545,584	\$391,486	72%
Data & PC	\$3,500		\$5,994	171%
Contract Services/Consultants	\$121,487		\$81,039	67%
User Subsidies	\$170,500		\$131,154	77%
COG/TPB staff, indirect & direct costs	\$250,097		\$173,299	69%
MARKETING	\$2,174,084	\$2,174,084	\$1,092,942	50%
Data & PC	\$3,000		\$3,340	111%
Contract Services/Consultants	\$560,000		\$355,232	63%
COG/TPB staff, indirect & direct costs	\$1,611,084		\$734,370	46%
MONITORING AND EVALUATION	\$421,730	\$421,730	\$193,608	46%
Data & PC	\$0		\$0	0%
Contract Services/Consultants	\$216,500		\$60,068	28%
COG/TPB staff, indirect & direct costs	\$205,230		\$133,540	65%
EMPLOYER OUTREACH	\$1,019,721	\$1,019,721	\$383,396	38%
Data & PC	\$3,000		\$5,204	173%
Contract Services/Consultants	\$15,000		\$0	0%
Pass-thru to local governments	\$752,664		\$267,606	36%
COG/TPB staff, indirect & direct costs	\$249,057		\$110,586	44%
MD & VA TELEWORK	\$162,126	\$162,126	\$24,891	15%
Data & PC	\$0		\$0	0%
Contract Services/Consultants	\$120,000		\$3,540	3%
COG/TPB staff, indirect & direct costs	\$42,126		\$21,351	51%
DC KIOSKS	\$31,031	\$31,031	\$2,687	9%
Data & PC	\$25,000		\$0	0%
Contract Services/Consultants	\$6,031		\$0	0%
COG/TPB staff, indirect & direct costs			\$2,687	45%
TOTAL	\$4,998,737	\$4,998,737	\$2,642,126	53%

* Committed funds are based on funding commitment letters received.
 ** Preliminary funds expended are through March 31, 2008.
 *** Percentage is based on Budget Total Column



Responses to Rising Gasoline Prices

Nicholas Ramfos

National Capital Region Transportation Planning Board

May 21, 2008

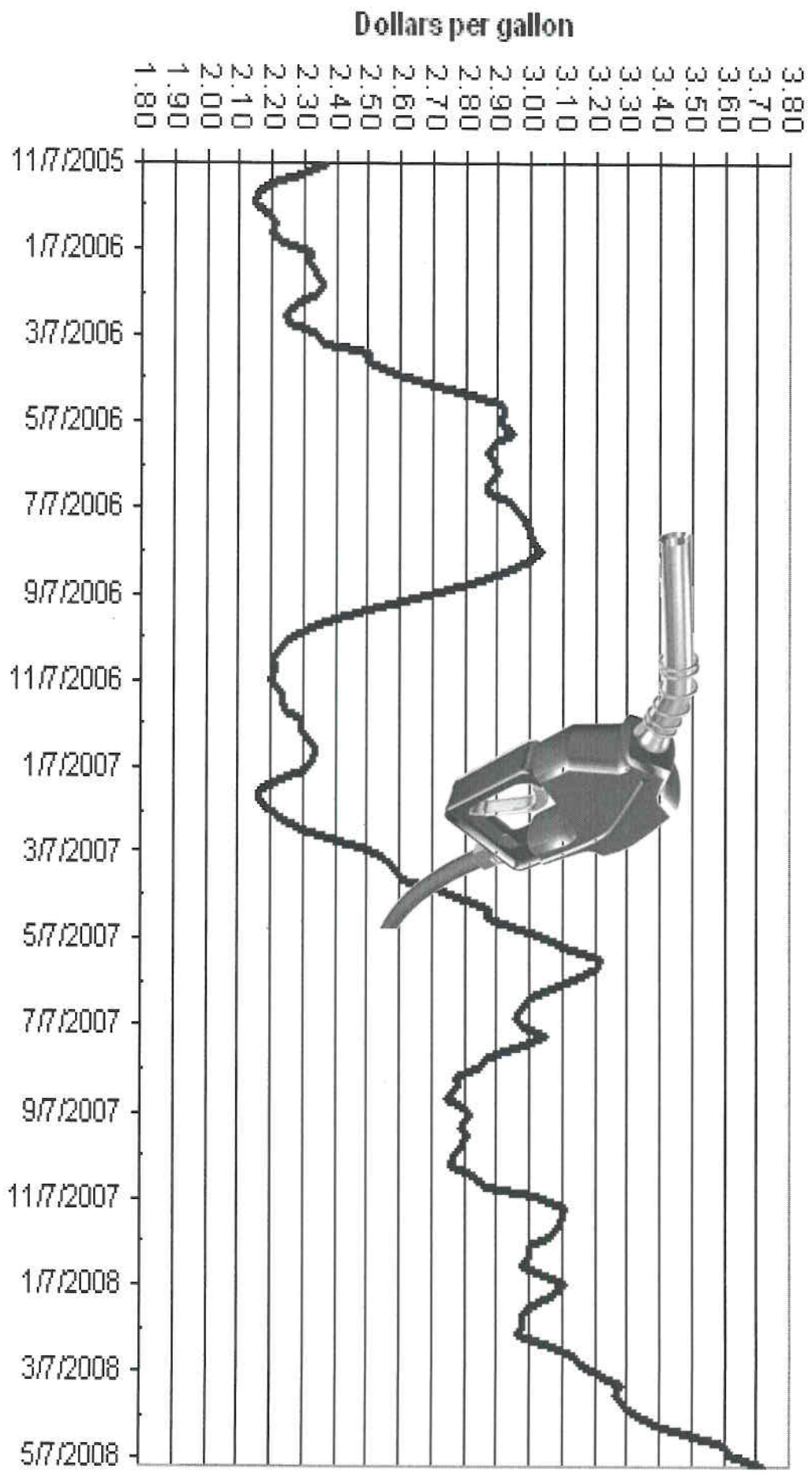
High Gas Prices Policy Responses

- To drill or not to drill in Arctic National Wildlife Refuge?
- Ethanol, wind, coal, nuclear energy?
- Wave the Federal Gas Tax for summer?
- Bi-partisanship halt to adding to the Strategic Oil Reserve!

High Gas Prices Public Reactions

- SUV sales slumping, Hybrid car sales soaring!
- Big Oil Company price gouging?
- What is the breaking point that will change SOV behavior?

Weekly U.S. Retail Prices Per Regular Gallon of Gasoline



Source: Energy Information Administration

Gas Consumption and Production

- The US consumes about 21 million barrels of petroleum products each day.
- Over 10 million barrels in the form of gasoline used each day
 - For 210 million motor vehicles
 - Traveling over 7 billion VMT's per day
- Crude oil prices avg \$72 per barrel in 2007 and over \$110 per barrel in 2008.

Gas Consumption and Production

- The cost of crude oil now accounts for almost 70% of the gasoline pump price.
- Projected gas prices approaching \$4 per gallon.
- World crude oil prices are at record highs due to:
 - High worldwide oil demand relative to supply
 - Conflicts in some major oil producing regions
 - Declining value of the U.S. dollar
(the currency in which crude oil is traded globally).

Gas Prices and Commuting

- In 2007 and 2008, Americans have been faced with sky rocketing gasoline prices, the likes of which have not been seen since the 1970s, when Commuter Connections first began offering ridesharing services.
- In the 1990s, the average commute time rose by about 15 percent, and the share of SOV drivers accounted for more than 3 out of 4 American workers, according to the 2000 Census.

**2008 Spring
Transportation Demand
Management Marketing Campaign**



Radio



WTOP (News/Talk 103.5FM)	WBIG (BIG 100 100.3FM)	WRQX (Mix 107.3FM)
WASH (Soft Rock 97.1FM)	WMZQ (Today's Country 98.7FM)	WMAL (News/Talk 630AM)
WWDC (DC101)	WAFY (Key 103.1FM)	WPGC (Urban AC)
WMMJ (102.3FM Urban AC)	WJZW (Smooth Jazz 105.9FM)	WBQB (B101.5FM Fredericksburg)
WFLS (93.3FM Real Country, Fredericksburg)	WFRE (99.9 Free Country, Frederick)	WSMD (Star 98.3FM Mechanicsburg)

Gas Pump Topper Ads Placed at 120 Service Stations

COMMUTER CONNECTIONS

Pump? Or pump? Your choice.

For every dollar you pump into your tank, there's a great pump you could be wearing out on the town. Share a ride and keep the cash you would have spent on high gas prices!

COMMUTER CONNECTIONS

Pump? Or pump? Your choice.

Rather than pumping all your cash into your tank, why not spend those dollars pumping up with a gym membership? Get pumped about how much you'll save when you share the ride.

COMMUTER CONNECTIONS

Pump? Or pump? Your choice.

See how much money you'll save.
RIDESHARE. Saves you where you need it.

www.commuterconnections.org
1.800.745.RIDE

Member Since 1997. A member of the American Petroleum Institute. An Equal Opportunity Employer. © 2007 Commuter Connections, Inc. All rights reserved.

Internet Advertising

Preserve your pocket money

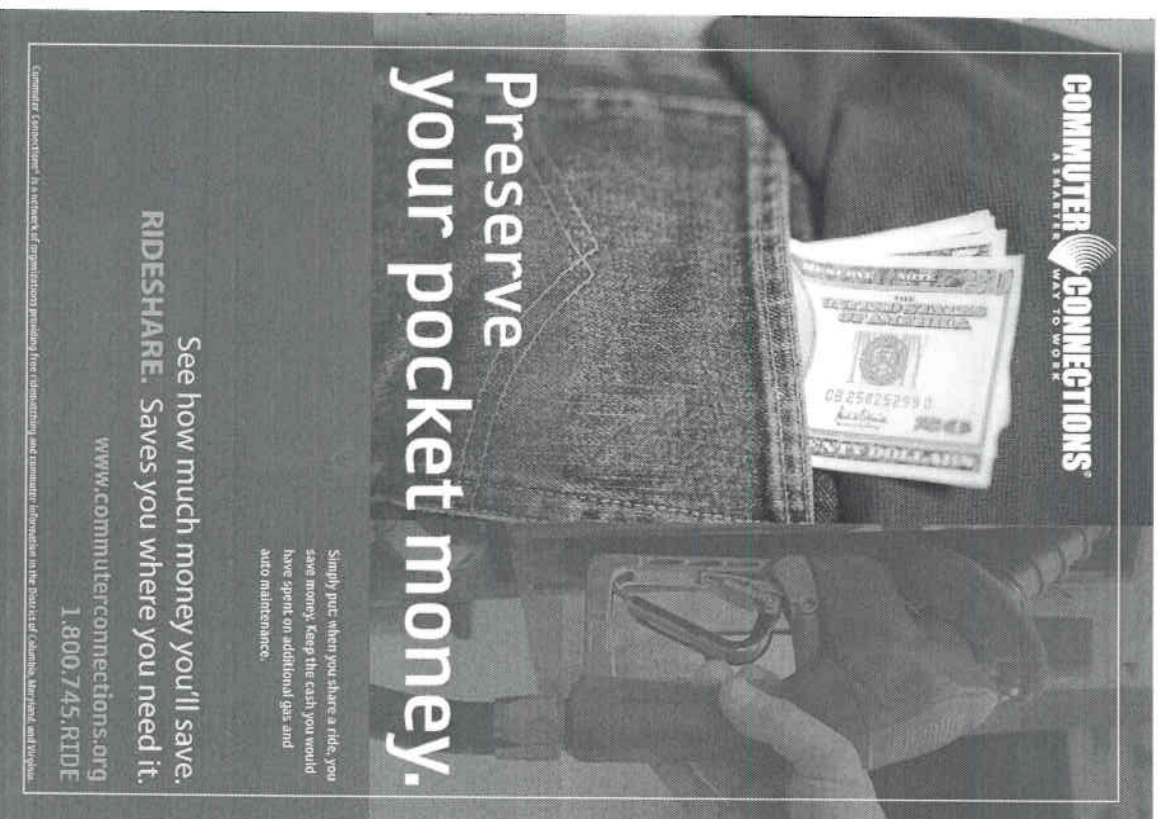
Pump?

Pump?

Or pump? Your choice.

money you'll save when you **RIDESHARE**

Bus Shelters



COMMUTER CONNECTIONS
A SMARTER WAY TO WORK

**Preserve
your pocket money.**

Simply put: when you share a ride, you save money. Keep the cash you would have spent on additional gas and auto maintenance.

See how much money you'll save.
RIDESHARE. Saves you where you need it.

www.commuterconnections.org
1.800.745.RIDE

Commuter Connections® is a network of organizations providing free ride-sharing and commuter benefits in the states of Florida, Maryland, and Virginia.

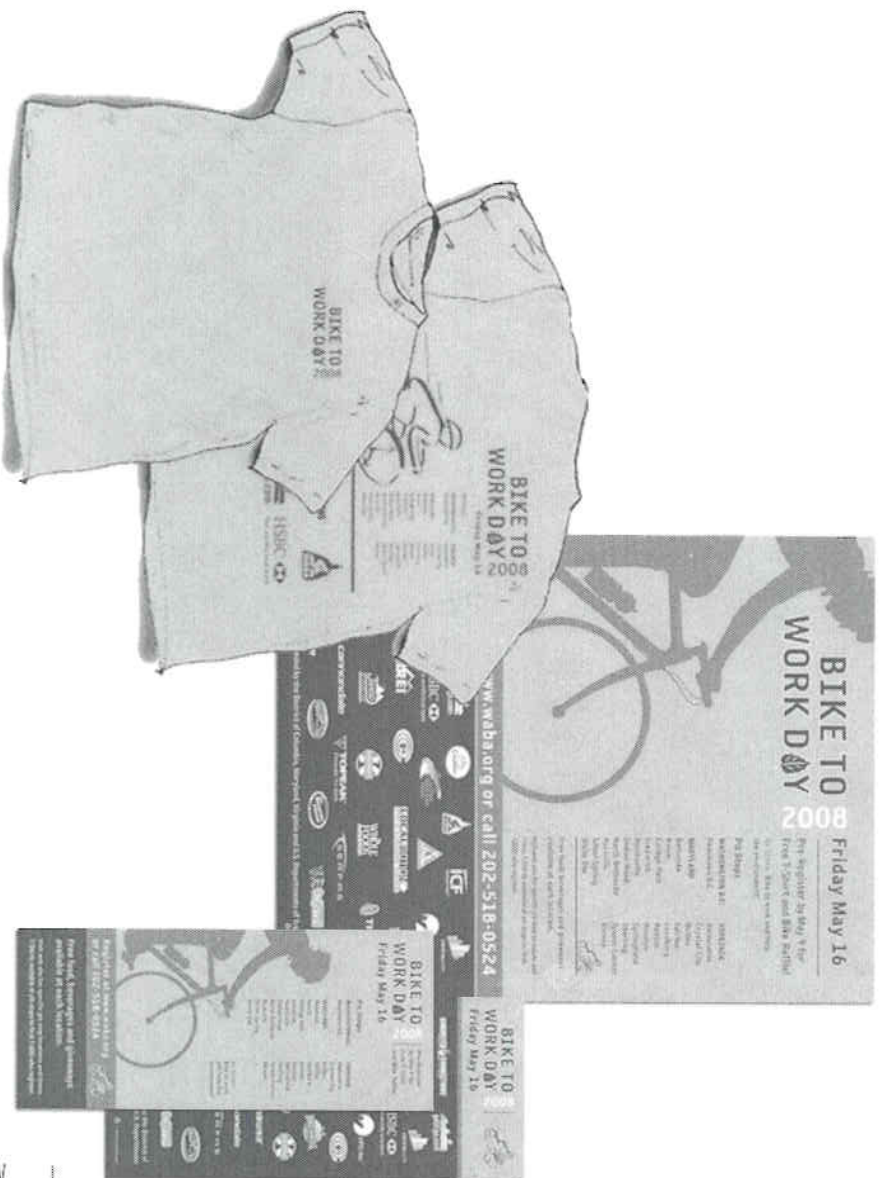
COMMUTER CONNECTIONS
A SMARTER WAY TO WORK

Coffee Cup Sleeves

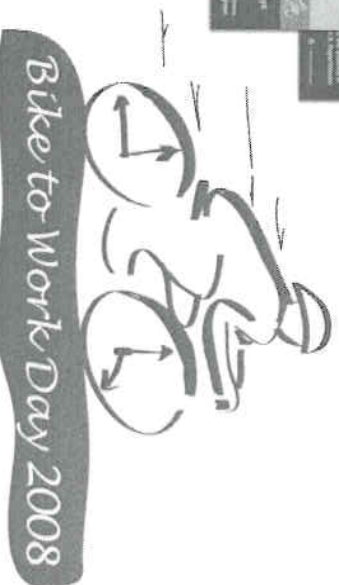
Distributed at 145 Venues



Bike to Work Day 2008



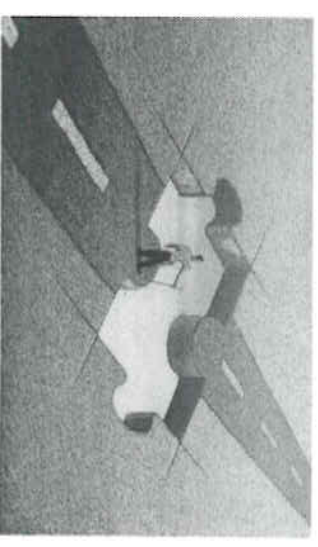
COMMUTER CONNECTIONS
A SMARTER WAY TO WORK



Live Near Your Work

➤ Commuter Connections can assist employers with finding the right solutions for workforce housing needs, and help connect employees with programs that enable them to live closer to work.

- Events held in the District of Columbia, Bethesda, Prince George's, and Fairfax in FY 2007
- Events in Arlington, Frederick, Prince George's, Prince William, and the District of Columbia during FY 2008



Gas Related Earned Media Efforts

➤ **High Gas Prices PSA copy**

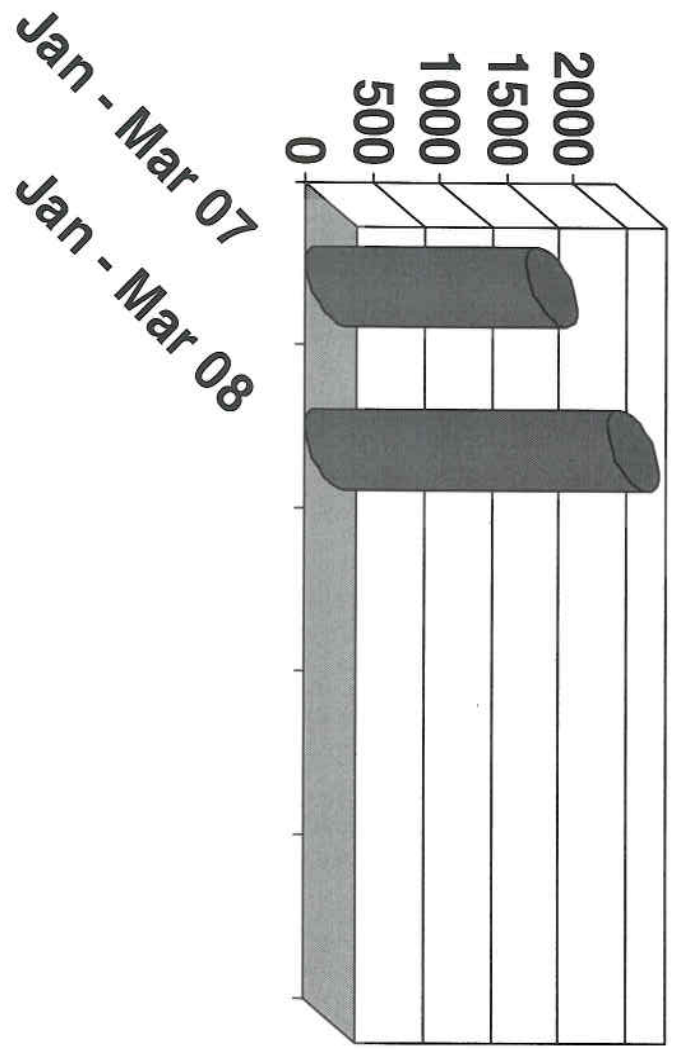
Tired of paying too much at the pump? Try alternatives like carpooling, transit, bicycling and teleworking. For free information visit CommuterConnections.org today!"

➤ **Press Release**

“Commuter Connections Services

Provide Relief From High Gas Prices”.

**Rideshare Applicants: Jan - March 2007 vs.
2008**

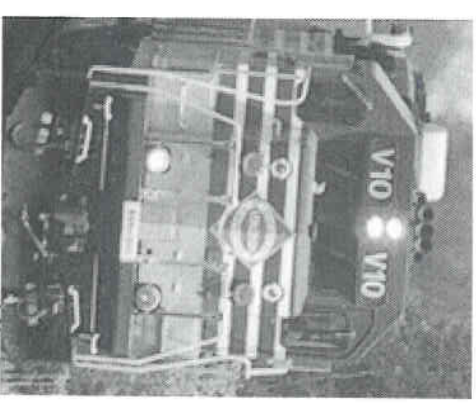


Ridesharing Bulletin Board

- Jan-Mar 2007 vs. Jan-Mar 2008, Postings on Commuter Connections Bulletin Board from Loudoun and Fairfax Counties have increased by 87.5%.

Impact on Transit

- Ridership on Virginia Railway Express increased 12 percent over last April.
- VRE reported its 10th consecutive month of increased use.
- MARC Commuter Rail service is up 7% in the past nine months.
- “The high gas prices have now suddenly made mass transit more attractive” *Lon Anderson, AAA Mid-Atlantic. - Washington Examiner, May 16, 2008*



Impact on Transit

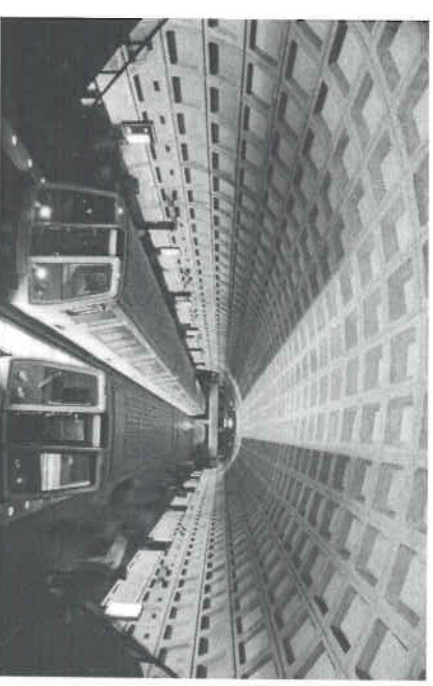
WMATA Press Release, May 5, 2008

“Ridership up Three Months After Fare Increase”

- Average weekday rail ridership grew 6% in January, 4% in February and 3% in March compared to the same periods last year.

WTOP, May 20, 2008

- WMATA looking to spread out commutes over a longer period of time to ease overcrowding.



Commuter Bicycle Sales Rising

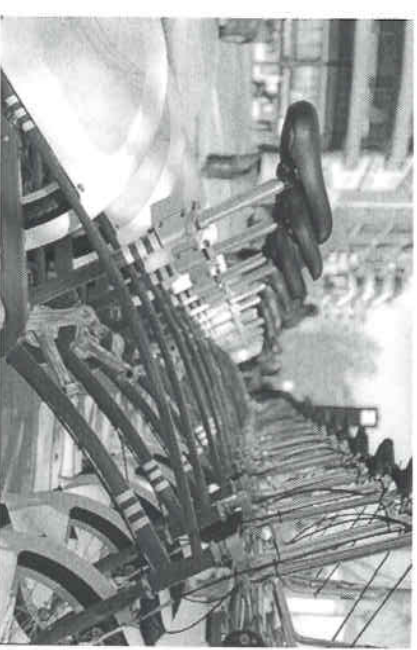
- Bicycle Product Suppliers Association annual report - January 2008
 - Sales of "hybrid" commuter-oriented bikes saw an increase of 6% in sales for '07."
- The National Bicycle Dealers Association indicate bike shops across the country are reporting strong sales so far this year.
 - More people are also bringing in bikes for tune-ups that have been idling at home.



Bike Sharing

- District of Columbia automated bicycle rental system supported by Clear Channel.
- 120 red four-speed “SmartBikes”, at ten stations between Georgetown and Chinatown.
- Other jurisdictions in the region are exploring the concept.
- Participants in the program join online and pay an annual subscriber fee.
- Cards are issued and swiped to calculate the hourly rental fee.

d.





Car Sharing

- Car Sharing can eliminate the need to own a vehicle.
- Reduce or augment current company vehicle fleets and associated maintenance and gasoline expenses.
- Companies should consider Car Sharing as an option for employees that have mid-day business appointments.
- Many Car Sharing vehicles are hybrids, which will have a more positive impact on pollution levels compared to non-hybrid vehicles within fleets.

Telework

- In 2004, 13% of the Workforce Teleworked on Average 1.3 days per Week
 - 320,000 Teleworkers
- In 2007, 19% of the Workforce Teleworked an Average of 1.5 days per Week
 - 456,000 Teleworkers

Telework Potential in the Region

Of Non-Telecommuters in 2007:

- 30% Have Telework Appropriate Job Responsibilities
 - 24% “Could and Would” Telework if Offered the Opportunity
- 570,000 potential new Teleworkers

Commuting Costs

➤ 20 mile Round-Trip Commute

(Based on 22 work days per month, 30 mpg, and maintenance costs)

- In December 2005 gas @ \$2.25 per gallon would have cost \$3,168 per year.
- Today @ \$3.80 per gallon cost will be \$3,440 per year.
- ***Commuter could have saved \$1,584 in 2006 and could save \$1,720 this year by carpooling with one other person.***

Call To Action

- Encourage formation of carpools and vanpools in the region.
- Encourage teleworking.
- Encourage transit use.
- Encourage bicycling and walking.
- Issue statements on these services to the media and to constituents.

How Drivers Feel



Chavez, Altran
Capgemini.com