84% of Manhattan central business district workers get to work by transit, biking, or walking. (Source: 2000 U.S. Census)

34% of all trips citywide are made by walking. 33% are made by auto and 30% are made by transit. (Source: 2001 National Household Transportation Survey)

10 of the 10 largest metro areas in the US saw transit ridership grow faster than vehicle miles traveled (VMT) from 2003 to 2007. (Source: American Public Transportation Association, Texas Transportation Institute)

560 miles of bike lanes and paths in NYC, compared to 119 lane-miles in 1997. (Source: NYCDOT)

56% of all auto trips citywide are under 3 miles. (Source: 2001 National Household Travel Survey)

9% growth in bus and subway ridership in New York City from 2003 to 2007, while traffic volumes citywide were unchanged. (Source: See text of report)

34% of all trips citywide are made by walking. 33% are made by auto and 30% are made by transit. (Source: 2001 National Household Transportation Survey)

34% of all trips citywide are made by walking. 33% are made by auto and 30% are made by transit. (Source: 2001 National Household Transportation Survey)

9% growth in bus and subway ridership in New York City from 2003 to 2007, while traffic volumes citywide were unchanged. (Source: See text of report)
Contents

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12  Citywide Trends
16  Travel into the CBD
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Dear City Council Members and fellow New Yorkers:

The Department of Transportation has set an ambitious new direction for managing our city's transportation system. In April 2008, we released Sustainable Streets, the Department’s comprehensive strategic plan for sustainable mobility and re-envisioning the urban environment. In early November, we published World Class Streets, which further details our strategy for accomplishing these goals.

As we move forward, it is critical that we benchmark how people move around New York City and chart the results of our mobility and sustainability programs. Central to this effort is the Sustainable Streets Index. I am pleased to present this report to the New York City Council and all New Yorkers in accordance with Local Law 23 (Council bill Intro 199) which was signed into law by Mayor Bloomberg in June 2008.

Local Law 23 and the Sustainable Streets Index are the product of a collaboration among the City Council, transportation advocates and the Bloomberg Administration to strengthen our understanding of how our streets are used and the implications for transportation policy and street operations. This report assesses trends in the context of the overall transportation system, which includes driving, walking, biking, subway, bus, commuter rail and ferry systems.

This report is a living document that will be published annually. It will be expanded next year to include a detailed look at how recent changes in street design and operations affect different groups of users. The Sustainable Street Index will thus become the primary mechanism by which the Department reports on our continuing efforts to improve both the performance and use of sustainable forms of transportation.

Sincerely,

Janette Sadik-Khan
Commissioner

From 2003 to 2007, rising levels of mass transit ridership and bicycling commuting accompanied New York City’s population and employment growth. Vehicle traffic levels, however, were essentially unchanged. These years mark the first time since World War II that the City experienced a period of entirely transit-centered growth, where non-auto modes absorbed all growth in travel in New York City. These trends bode well for the long range transportation and sustainability goals of encouraging mass transit, walking, cycling and ferries established in PlaNYC, the City’s sustainability plan for 2030, and Sustainable Streets, the Department of Transportation’s strategic plan.

Today’s headlines focus on the need to fund the city’s transit system. Funding decisions made in coming months will determine the mixture of transit fare increases, service cuts, higher taxes and new tolls that are used to address the transit system’s fiscal difficulties. This report makes clear that these decisions are not simply budget choices, but have the potential to profoundly impact the city’s mobility systems, its economic health and its environment and quality of life.

This report looks broadly at trends in how travelers use the city’s streets and transportation systems since 1990. The report focuses on the period of economic expansion from 2003 to 2007. It also compares trends during this recent period with trends during the economic expansion of the 1990s. These comparisons are essential to understanding how New Yorkers are changing the ways they travel in the face of the population and employment growth of recent years and changes in transportation systems and operations. The analysis thus illuminates how well the city is positioned for sustainable growth once the current downturn in the economic cycle plays out.

Key findings are:

- Citywide traffic volumes were generally flat from 2003 to 2007, in contrast to the 11% increase in traffic in the 1990s. Particularly notable is that areas outside the Manhattan Central Business District (CBD) that showed sustained growth in traffic as recently as 2002, such as on the Westchester/Bronx and Staten Island/New Jersey borders, have shown little or no growth in traffic since 2002.

- Citywide transit ridership increased 9% from 2003 to 2007. Transit ridership growth was particularly strong in 2006 and 2007, reflecting the accelerating pace of job growth in those years.

- Transit ridership entering the Manhattan CBD increased 12% from 2003 to 2007.

Executive Summary

Letter from the Commissioner
Traffic entering the CBD from Brooklyn, Queens and New Jersey was essentially unchanged from 2003 to 2007. Traffic entering the CBD across 60th Street declined by 8%, suggesting an auto-to-transit mode shift in this travel market.

- Bikes are the fastest-growing mode of travel into the Manhattan CBD, with a 70% increase since 2002. The New York City Department of Transportation's continued expansion of bike facilities, including separated bike lanes on some corridors, has helped spur this growth.

- Ferry ridership was about the same in 2007 as in 2004. Current ferry ridership is 19% above the levels of the late 1990s, although not as high as the peak ferry ridership reached while PATH service was disrupted due to the 9/11 attacks.

From 2003 to 2007, New York City entered into a fully transit-centered phase of population and economic growth. Opportunities exist to enhance alternatives to motor vehicle use through continued expansion of the bike network, addition of bus lanes, and transformation of streets into places for pedestrian use and enjoyment. These improvements can play a key role in absorbing growth in travel in the city, expanding access to jobs and improving the environment. Enhancements to public space and streetscapes can both enhance the quality of life and produce economic benefits. Surveys in New York and London found that merchants and businesses identify streetscape quality as important to attracting tenants and customers, and that high quality public space is associated with increased property values.
New York City Department of Transportation

Sustainable Streets Index 2008

New York City Subway System

- New York City Bus System
- Regional Commuter Rail System

Timeline

- 1990: Transit fare increases from $1.00 to $1.15
- 1991: Transit fare increases from $1.15 to $1.25
- 1992:
- 1993:
- 1994:
- 1995:
- 1996:
- 1997:
- 1998:
- 1999:
- 2000:
- 2001:
- 2002:
- 2003:
- 2004:
- 2005:
- 2006:
- 2007:
- 2008:

- E-ZPass introduced in New York City
- 3rd Street tunnel opens to Qns. Blvd. IND Service
- Full integration of MetroCard on Subway and Bus System & Free transfers
- 1-day, 7-day, 30-day and Bonus MetroCards introduced
- First MetroCard vending machines introduced
- E-ZPass accepted at all regional crossings
- Full integration of MetroCard on Subway and Bus System & Free transfers

- 1997:
- 2000:
- 2001:
- 2002:
- 2003:
- 2004:
- 2005:
- 2006:
- 2007:
- 2008:

- Toll on major MTA crossings rises to $3.00 cash/$2.50 tokens
- Toll on major MTA crossings rises to $3.50 cash/$3.00 E-ZPass/token
- Toll on major Port Authority crossings rises to $6.00 cash ($8.00 Off Peak)
- Toll on major Port Authority crossings rises to $8.00 cash ($6.00 E-ZPass and $6.00 Off Peak)
- Toll on major MTA crossings rises to $4.00 Off Peak
- Toll on major MTA crossings rises to $4.50 cash/$4.00 E-ZPass
- Toll on major MTA crossings rises to $5.00 cash/ $4.15 E-ZPass
- Toll on major MTA crossings rises to $4.00 E-ZPass
- Toll on major Port Authority crossings increases to $6.00 cash/$4.15 E-ZPass
- Toll on major MTA crossings increases to $6.00 cash/$4.15 E-ZPass
- Toll on major Port Authority crossings increases to $8.00 cash/$6.00 Off Peak E-ZPass
- Toll on major MTA crossings increases to $9.00 cash/ $8.00 Off Peak E-ZPass
- Incentives for off-peak truck trips with E-ZPass
- Increase in 1-day (7%), 7-day (4%) and 30-day (6%) MetroCard fares
- Select Bus Service debuts on Fordham Road, Bronx, and 34th Street, Manhattan
- Central Park HOV introduced in November 2004
- Full subway service restored on the Manhattan Bridge
- Toll on major MTA crossings rises to $4.50 cash/$4.00 E-ZPass
- 1-day, 7-day, 30-day MetroCard fares increase

New York City Bus System

- Westchester County
- Nassau County
- New Jersey
- Staten Island
- Brooklyn
- Queens
- Manhattan
- The Bronx

Regional Commuter Rail System

- Westchester County
- Nassau County
- New Jersey
- Staten Island
- Brooklyn
- Queens
- Manhattan
- The Bronx

Timeline

- 1990
- 1991
- 1992
- 1993
- 1994
- 1995
- 1996
- 1997
- 1998
- 1999
- 2000
- 2001
- 2002
- 2003
- 2004
- 2005
- 2006
- 2007
- 2008

New York City Department of Transportation

Sustainable Streets Index 2008
Enhancing transportation choices and encouraging the use of sustainable forms of transportation are core goals of both PlaNYC, New York City’s long-term sustainability plan, and Sustainable Streets, the New York City Department of Transportation’s strategic plan. Achieving these goals means facilitating walking, cycling and mass transit through a set of varied and mutually supportive measures. These include making streets and squares into more people-friendly places; providing fast, reliable and comfortable bus and train service; better managing curbside parking and delivery regulations; and ensuring the safety of all users of city streets and sidewalks.

Delivering on these goals requires a comprehensive understanding of how New Yorkers currently use the city’s streets and transportation systems, and current and historic trends in mobility and travel choices. By bringing together data on motor vehicle, transit, bicycle and ferry use, this report shows how travelers are changing the ways they travel in the face of the population and employment growth of recent years and of changes in transportation systems and operations. With a focus on recent trends, this report is intended to improve public understanding and to inform the agency’s efforts to enhance the sustainability of our streets and infrastructure.

In order to put information about a variety of transportation modes in context, this report presents performance metrics in an indexed time series format. This format allows readers to trace the relative pace of change for a variety of indicators over time, and to compare trends across modes and geographies, visually and quantitatively. Wherever possible, indexed data are presented for each year from 1990 through 2007. In addition to the indexed data, the underlying data for each time series is presented in the appendix to this report.
The Sustainable Streets Index report will be expanded in three important ways next year, when NYCDOT will report:

- A new Citywide Traffic Index*, which will fill gaps in the public’s current understanding of traffic levels,
- Performance indicators for key corridors where NYCDOT has made significant operational changes such as bike lanes and Bus Rapid Transit improvements, and
- Vehicle speeds determined using GPS technology.

* The Citywide Traffic Index will combine existing and new traffic counts to form a year-over-year time series that more precisely captures changes in travel patterns in the City. New traffic counts conducted for the Citywide Traffic Index will illuminate patterns of travel on streets and highways not currently measured.

Data Sources

The key sources for the findings are:

- The New York Metropolitan Transportation Council’s (NYMTC) annual Hub-Bound Reports, which themselves rely on reporting by all of NYMTC’s member agencies
- NYCDOT’s annual traffic reports, including
  - Manhattan River Crossings Reports
  - Borough Screenlines (Boundary) Reports
  - Bridge Traffic Volumes Reports
  - Bicycle Screenline (Boundary) Counts
- New York City Transit (NYCT) subway and bus boarding data
- US Census Bureau annual population estimates, verified in conjunction with the New York City Department of City Planning (DCP)
- New York State Department of Labor monthly statistics for employment in the five boroughs

The appendix to this report contains all underlying data used for the indexed time series presented in the report body.
Citywide Trends
Transit ridership increased more rapidly than population or employment for the last fifteen years. The increasing attractiveness of transit can be attributed to the MTA’s program of capital improvements since 1980, the introduction of MetroCard fare incentives, service improvements throughout the subway and commuter rail systems, the drop in subway crime, and population growth in transit-accessible neighborhoods.

Meanwhile, overall citywide vehicle traffic levels have remained about the same for a decade, except for a brief drop during the 2001–2003 recession. Current traffic volumes are at or near the all-time high levels reached during the late 1990s economic expansion.

### Since 2003, transit ridership has grown while traffic volumes remained flat

**Population**
- 8.3 million people now live in New York City, an all-time high
- 13% population growth since 1990
- Steady growth since 2000, but not as rapid as mid-1990s

**Employment**
- 3.75 million people now work in New York City, an all-time high
- Employment exceeded late 1990s peak for the first time in 2007

**Transit Ridership**
- 19% growth since 2003
- 30% growth from 1996 to 2000, coinciding with economic boom, introduction of unlimited-ride MetroCards and elimination of two-fare zones
- Overall, transit ridership was 42% higher in 2007 than in 1990

**Citywide Trends**
- Virtually unchanged between 2003 and 2007
- 2007 traffic is roughly equal to its late 1990s peak
- 11% growth during 1990s expansion
- Truck traffic outpaced overall traffic growth, rising 22% in the 1990s and 9% from 2003 to 2007 at tolled crossings for which data is available.

### Transit Ridership

**Total vehicle traffic entering the CBD and crossing all borough and city boundaries**

#### Indexed to 1993 (the first year comprehensive counts were available)

- 1990
- 90
- 92
- 93
- 94
- 95
- 96
- 97
- 98
- 99
- 00
- 01
- 02
- 03
- 04
- 05
- 06
- 07

**Source: NYCDOT, Port Authority of NY & NJ, MTA Bridges and Tunnels, NYMTC**

**New York City Transit revenue passenger boardings**

#### Indexed to 1990

- 1990
- 90
- 92
- 93
- 94
- 95
- 96
- 97
- 98
- 99
- 00
- 01
- 02
- 03
- 04
- 05
- 06
- 07

**Source: New York City Transit**

**Total vehicle traffic entering the CBD and crossing all borough and city boundaries**

#### Indexed to 1993 (the first year comprehensive counts were available)

- 1990
- 90
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- 97
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**Source: NYCDOT, Port Authority of NY & NJ, MTA Bridges and Tunnels, NYMTC**

**New York City Transit revenue passenger boardings**

#### Indexed to 1990

- 1990
- 90
- 92
- 93
- 94
- 95
- 96
- 97
- 98
- 99
- 00
- 01
- 02
- 03
- 04
- 05
- 06
- 07

**Source: New York City Transit**

Since 2003, transit ridership has grown while traffic volumes remained flat.

Transit ridership increased more rapidly than population or employment for the last fifteen years. The increasing attractiveness of transit can be attributed to the MTA’s program of capital improvements since 1980, the introduction of MetroCard fare incentives, service improvements throughout the subway and commuter rail systems, the drop in subway crime, and population growth in transit-accessible neighborhoods.

Meanwhile, overall citywide vehicle traffic levels have remained about the same for a decade, except for a brief drop during the 2001–2003 recession. Current traffic volumes are at or near the all-time high levels reached during the late 1990s economic expansion.

Transit ridership increased more rapidly than population or employment for the last fifteen years. The increasing attractiveness of transit can be attributed to the MTA’s program of capital improvements since 1980, the introduction of MetroCard fare incentives, service improvements throughout the subway and commuter rail systems, the drop in subway crime, and population growth in transit-accessible neighborhoods.

Meanwhile, overall citywide vehicle traffic levels have remained about the same for a decade, except for a brief drop during the 2001–2003 recession. Current traffic volumes are at or near the all-time high levels reached during the late 1990s economic expansion.
Travel into the CBD
Transit ridership into the Manhattan Central Business District (CBD) has grown by 12% since 2003, while traffic volumes have declined by 3% over the same time period.

The travel demand patterns since 2003 (increasing transit ridership and decreasing traffic volume) stand in contrast to those seen during the last period of economic expansion. During the mid- to late-1990s, traffic and transit both increased simultaneously with population and employment, though even then transit increased more rapidly.

Meanwhile, bikes remain the fastest-growing mode of travel into the CBD, with particularly rapid increase since 2002. Ferry demand fluctuated from 2000–2004, but even after the restoration of full PATH service in 2004, ferries carried more riders than they did during the 1990s.

Transit has accommodated all growth in travel to the CBD since 2003

- 19% more ferry riders in 2007 than a decade earlier; including 47% more private ferry riders
- 63% of hub-bound ferry passengers are Staten Island ferry riders; ridership on the Staten Island Ferry is flat since 2002
- 2001-2004 ridership swings were due to private ferries carrying passengers displaced by downtown PATH closures; private ferries have held onto some of this ridership since 2004

Ferry

Transit riders entering the CBD Indexed to 1990; 2001 unavailable

2001 data not available Source: NYMTC

Commuter cyclists entering the CBD Indexed to 1990; three year rolling average

- Most growth in CBD-bound cycling has occurred since 2002, as major cycling facilities like the Hudson River Greenway and Manhattan Bridge cycle path, and connecting on-street bicycle routes, have opened
- 70% more cyclists entered the CBD in 2007 than 2002

Bicycle

Vehicle traffic entering the CBD Indexed to 1990

- 3% decline in traffic entering the CBD since 2003
- 1999 was peak year for CBD-bound traffic; traffic in 2003 was 6% lower than during late 1990s peak
- Truck traffic grew 9% from 2003 to 2007 at tolled crossings for which data is available; truck volumes in 2007 were 14% higher than in 1990

Traffic

Transit riders entering the CBD Indexed to 1990

- 12% growth in transit riders since 2003—a period during which vehicle traffic volumes declined
- 23% growth in transit trips into the CBD since 1990

Transit

Source: NYMTC

2001 data not available Source: NYMTC

Source: NYCDOT Commuter Cycling Indicator

2001 data not available Source: NYMTC

Source: NYCDOT Commuter Cycling Indicator

2001 data not available Source: NYMTC

Source: NYMTC

2001 data not available Source: NYMTC

Source: NYMTC
Vehicle Traffic
Travel into the CBD

The decline in overall vehicle traffic into the CBD since 2003 is confined to the 60th Street sector in Manhattan. Within this sector, declines were concentrated on the avenues located between Park and Columbus Avenues. The increase in transit ridership across 60th Street suggests a mode shift from auto to transit.

Traffic from Brooklyn, Queens, and New Jersey remained virtually unchanged between 2003 and 2007. From Brooklyn and New Jersey, whose traffic patterns were most disrupted by road closures after September 11, 2001, this flattening reflected a return to 1990s trends. From Queens, this flattening occurred after a period of significant growth in traffic in the 1990s.

Traffic crossing 60th Street has dropped while traffic from Brooklyn, Queens, and New Jersey has been flat since 2003

New Jersey
- Flat traffic levels since 1990 indicates that Lincoln and Holland Tunnel capacity is fully saturated
- Sharp drop in 2001-02 was due to restrictions on the use of the Holland Tunnel

60th Street
- 8% drop in traffic crossing 60th Street since 2003
- Drop partly reflect restrictions on the use of the Central Park Drives, although significant declines in traffic have also occurred on the avenues between Park and Columbus.

Queens
- 2003 was first year traffic returned to its late-1990s peak level; trend has been flat since then
- 29% growth in the 1990s, the most rapid growth in traffic from any sector

Brooklyn
- Flat traffic levels since 2003
- Sharp drop in 2001-02 was due to restrictions on the use of the Brooklyn-Battery Tunnel
- 5% less traffic enters the CBD from Brooklyn than in late 1990s, reflecting that lower Manhattan employment never returned to its pre-9/11 levels

New Jersey traffic into the CBD
Indexed to 1990

Queens traffic into the CBD
Indexed to 1990

Brooklyn traffic into the CBD
Indexed to 1990

New York City Department of Transportation
Transit ridership into the CBD experienced strong growth since 2003. This growth accelerated each year from 2003 to 2007, reflecting faster annual rates of employment growth each year during this period. While growth from all sectors is significant, ridership from New Jersey is growing the fastest. New Jersey ridership never declined during the 2001-03 recession despite major service disruptions.

The fact that vehicle volumes have been steady or declining during this period indicates that all growth in travel to the CBD during the recent economic expansion was accommodated by transit and non-motorized modes of travel.

Transit ridership increased 12% since 2003, while employment increased 6%

New Jersey
- 16% more transit riders from 2003 to 2007
- Vehicle volumes are flat since late 1990s, meaning transit absorbed all new trans-Hudson travel
- NJ Transit brought major service enhancements online in 1996 (Midtown Direct) and 2003 (Secaucus Transfer)
- Loss of PATH capacity in 2004-05 had only a small, temporary impact on trans-Hudson ridership

Queens
- 13% more transit riders than in 2003
- 63rd Street tunnel opened in 2001, providing additional subway capacity from Queens to Manhattan
- LIRR ridership was flat from 2003 to 2007; all transit growth was on subways

Brooklyn
- 14% more riders than in 2003
- 4-track subway operation on the Manhattan Bridge resumed in 2004, for the first time since 1986

60th Street
- 8% more transit riders cross 60th Street than in 2003
- Evidence of a mode shift to transit, as vehicle traffic declined by 8% during this period

New Jersey transit into the CBD
Indexed to 1990
Source: NYMTC

Queens transit into the CBD
Indexed to 1990
Source: NYMTC

Brooklyn transit into the CBD
Indexed to 1990
Source: NYMTC

Above 60th Street transit into the CBD
Indexed to 1990
Source: NYMTC
Travel outside the CBD
Travel outside the CBD

Overview

Outside the Manhattan CBD, the total amount of travel increased slowly since 2003.

Overall, vehicle traffic volumes have been flat since 2001, after rising throughout the 1990s. As described in the following pages, traffic volumes at each borough or city boundary grew throughout the 1990s until flattening at some point before 2003. While the duration and magnitude of growth, and the year when growth flattened was different in each area, the overall pattern appeared in some form at each boundary.

After a brief period of rapid growth in the late 1990s (a time of employment growth and the introduction of the MetroCard fare incentives), bus ridership dipped after the 2003 fare increase and has grown by 6% since then.

Vehicle traffic crossing borough and city boundaries

- 12% more traffic now than in 1993
- Vehicle volumes flat since 2003
- Truck traffic grew 9% from 2003 to 2007 at tolled crossings for which data is available; truck volumes were 39% higher in 2007 than in 1990 at non-CBD tolled crossings.

Bus ridership grew by 6%, while traffic volumes have been flat since 2003

Bus Ridership outside the CBD

- 25% more local bus riders now than in 1998
- 6% growth since 2003

Note: Borough-level bus ridership is not available prior to 1998. Subway ridership is not shown because data for subway trips made exclusively outside the LBD cannot be separated from data for trips beginning or ending inside the LBD. Note that a large majority of subway trips that begin outside the Manhattan CBD are CBD-bound.

Source: New York City Transit, MTA Bus Company, NYCDOT

Note: Borough-level bus ridership is not available prior to 1998. Subway ridership is not shown because data for subway trips made exclusively outside the LBD cannot be separated from data for trips beginning or ending inside the LBD. Note that a large majority of subway trips that begin outside the Manhattan CBD are CBD-bound.

Source: New York City Transit, MTA Bus Company, NYCDOT
Vehicle traffic volumes are flat across all borough and city boundaries since 2003. This flattening comes after each boundary experienced sustained traffic growth at some point between the early 1990s and 2003. These periods of growth varied by duration and magnitude, depending on the boundary, but each resulted in all-time high boundary volumes that, broadly speaking, continue to flow today.


After growing throughout the 1990s, traffic volumes have been flat since 2003.
**The Bronx/Bronx/Queens**
- 10% growth during the mid- to late-1990s.
- Slowest growth of any area in the city.
- Transit demand was also flat: LIRR ridership to Penn Station grew in 1990s but was 7% lower in 2007 than in late 1990s peak.

**The Bronx/Manhattan**
- 8% growth during mid- to late-1990s.
- Flat traffic levels since late 1990s reflect rising traffic on MTA tolled crossings and declining traffic volumes on city-owned Harlem River Bridges.
- Many Bronx-Manhattan driving trips have a time-competitive subway or bus alternative.

**Brooklyn/Queens**
- 10% growth during the mid- to late-1990s.
- One-year drop in volumes in 2005 corresponds with MTA Bridges and Tunnels toll hike.

**Verrazano Narrows Bridge**
- Short period of rapid growth in late 1990s.
- Traffic spike in 2001 corresponds with restrictions on use of Holland and Brooklyn-Battery Tunnels, which forced some regional traffic to re-route via Staten Island.
- One-year drop in volumes in 2005 corresponds with MTA Bridges and Tunnels toll hike.
Outside the Manhattan CBD, bus ridership growth was very strong after the introduction of free transfers and MetroCard fare incentives in the mid-1990s. In each borough, local bus ridership increased steadily through 2002, dropped for one year after the 2003 fare increase, then flattened or continued to grow more slowly. In all areas outside the CBD, local bus ridership remains well above levels seen in the mid-1990s.

Because most subway trips begin or end in the CBD, and because subway ridership data does not allow differentiation of CBD and non-CBD travel, this section uses local bus ridership (NYCT, MTA Bus, and privately operated local routes), by borough, to describe non-CBD transit travel. For “Upper Manhattan,” data is reported for bus routes that operate exclusively north of 60th Street.

Bus ridership grew slowly in all boroughs except Queens from 2003 to 2007

**Upper Manhattan**
- 35% more riders since 1998, fastest increase in the City
- Ridership above 60th Street is flat, while ridership below 60th Street is declining

**Brooklyn**
- 22% more riders than in 1998
- Drop in 2003 reflects fare increase
- Ridership has declined slightly since 2002 peak but remains well above mid-1990s levels

**Queens**
- 33% more riders now than in 1998
- Drop in 2003 reflects fare increase
- Ridership growth since 2004 coincided with MTA Bus Company takeover of many local bus routes in Queens from franchise bus operators

**The Bronx**
- 20% more riders than in 1998
- Drop in 2003 reflects fare increase
- 17% more riders than in 1998
- Drop in 2003 reflects fare increase
- In 2007, ridership regained 2002 peak levels

Staten Island local bus ridership
Indexed to 1998

Source: New York City Transit
### Sustainable Streets Index 2008

#### Appendix

**Travel into the CBD (pages 18-19)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Daily vehicles entering the CBD</th>
<th>Daily transit riders entering the CBD</th>
<th>Commuter riders entering the CBD</th>
</tr>
</thead>
<tbody>
<tr>
<td>1990</td>
<td>87</td>
<td>760</td>
<td>2,174</td>
</tr>
<tr>
<td>1991</td>
<td>84</td>
<td>759</td>
<td>2,154</td>
</tr>
<tr>
<td>1992</td>
<td>81</td>
<td>778</td>
<td>2,127</td>
</tr>
<tr>
<td>1993</td>
<td>83</td>
<td>761</td>
<td>2,157</td>
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<tr>
<td>1994</td>
<td>82</td>
<td>754</td>
<td>2,206</td>
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<td>1995</td>
<td>82</td>
<td>771</td>
<td>2,210</td>
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<td>84</td>
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<td>2003</td>
<td>112</td>
<td>810</td>
<td>2,362</td>
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<td>102</td>
<td>814</td>
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<td>2005</td>
<td>100</td>
<td>794</td>
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<td>2006</td>
<td>97</td>
<td>794</td>
<td>2,556</td>
</tr>
<tr>
<td>2007</td>
<td>101</td>
<td>783</td>
<td>2,678</td>
</tr>
</tbody>
</table>

* Sum of all daily traffic volumes at borough and city boundaries, excluding volumes at points entering the Manhattan CBD

**Travel outside the CBD (page 27)**

<table>
<thead>
<tr>
<th>Year</th>
<th>Daily Vehicle Traffic Outside the CBD</th>
<th>Daily Bus Ridership</th>
</tr>
</thead>
<tbody>
<tr>
<td>1990</td>
<td>7,336</td>
<td>3,564</td>
</tr>
<tr>
<td>1991</td>
<td>7,375</td>
<td>3,373</td>
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* Sum of all daily traffic volumes at borough and city boundaries, excluding volumes at points entering the Manhattan CBD

**Vehicle Traffic outside the CBD (pages 30-31)**

<table>
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<th>Year</th>
<th>Daily two-way vehicle traffic at borough or city boundaries (in thousands)</th>
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</table>

* Sum of two-way daily traffic on Throgs Neck, Bronx-Whitestone, and Bronx toll plazas of Triborough Bridge

**Bus Ridership outside the CBD (pages 32-33)**

<table>
<thead>
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</tbody>
</table>

* Includes only data on routes that operate exclusively north of 60th Street in Manhattan
This report was developed by the Department of Transportation’s Division of Planning and Sustainability. Under the direction of Deputy Commissioner Bruce Schaller, the report team consisted of Tom Maguire, Rui Mao, Michael Marsico, Catherine Matera and David Stein.

In addition, Deputy Commissioner Michael Primeggia and the staff of the Division of Traffic Operations assisted in the collection and analysis of many of the data sets contained within this document.

Finally, regional transportation agencies compiled and provided NYCDOT with many of the data sets used in this report. They include New York City Transit, MTA Bridges and Tunnels, the Port Authority of New York and New Jersey, the New York State Department of Transportation and the New York Metropolitan Transportation Council.
44% of NYC households own a car, compared to 90% nationwide.
Source: 2000 U.S. Census

49% of subway and bus trips are taken with an Unlimited-Ride MetroCard.
Source: NYC Transit

6.8 miles Average length of trip by NYC Resident
Source: 2001 National Household Travel Survey

120 lane miles of bicycle lanes have been installed since July 2007.
Source: NYCDOT

14% of New York area residents’ annual spending goes toward transportation, compared with 18% for all Americans.
Source: 2006-07 Consumer Expenditure Survey

61% reduction in traffic fatalities in New York City since 1990.
Source: NYCDOT