Tracking the Deployment of the Integrated Metropolitan Intelligent Transportation Systems Infrastructure in the Nations 108 Largest Metropolitan Areas
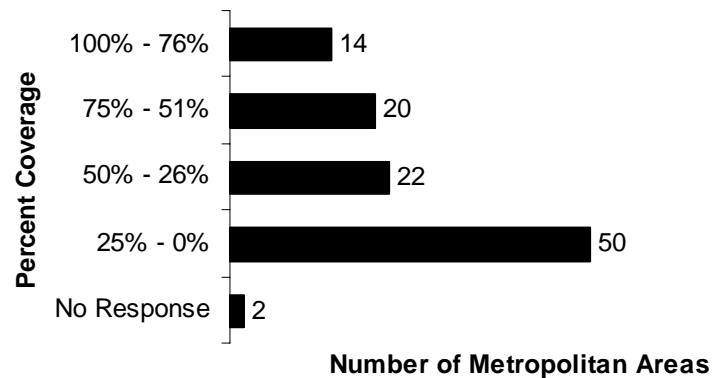
FY 2006 Results

DRAFT
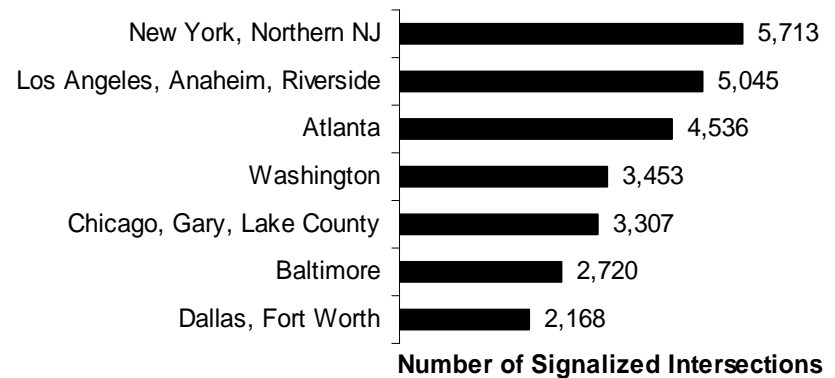
ARTERIAL MANAGEMENT SYSTEMS

SURVEILLANCE

TRAFFIC

Question: Total number of signalized intersections with electronic data collection capabilities.

Percent Coverage of Signalized Intersections With Electronic Data Collection Capabilities for Traffic Surveillance Purposes - 2006

Percent Coverage	Number of Metropolitan Areas
100% - 76%	14
75% - 51%	20
50% - 26%	22
25% - 0%	50
No Response	2

Metropolitan Areas With Greater Than 2,000 Signalized Intersections With Electronic Data Collection Capabilites - 2006

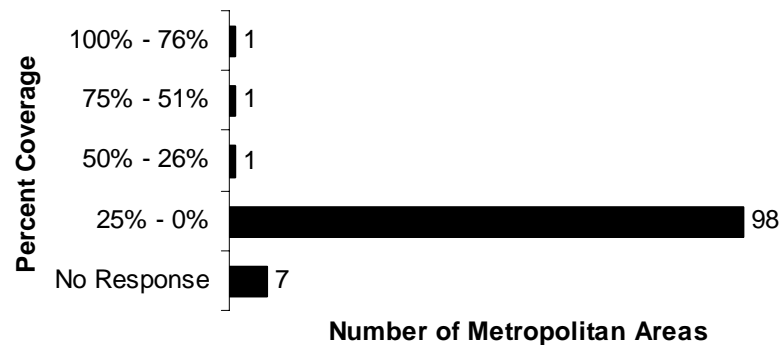|	Number of Signalized Intersections
New York, Northern NJ	5,713
Los Angeles, Anaheim, Riverside	5,045
Atlanta	4,536
Washington	3,453
Chicago, Gary, Lake County	3,307
Baltimore	2,720
Dallas, Fort Worth	2,168

ARTERIAL MANAGEMENT SYSTEMS
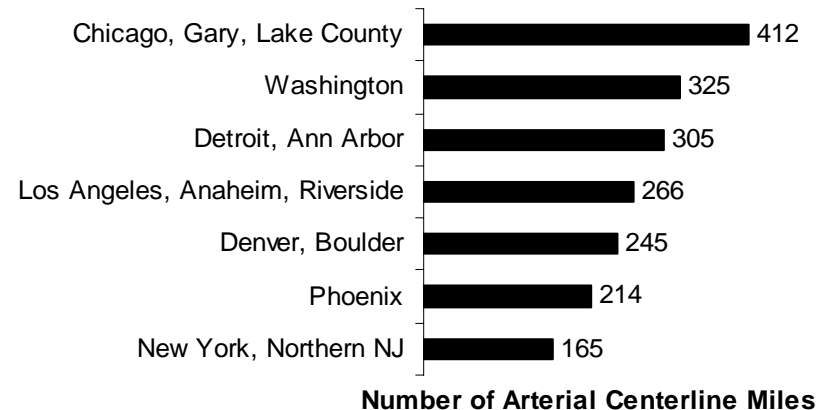
SURVEILLANCE

INFRASTRUCTURE

Question: Total number of arterial centerline miles with real-time traffic data collection technologies (includes CCTV) to monitor key transportation facilities for security purposes operated by your agency in this metropolitan area.

Percent Coverage of Signalized Intersections With Real-Time Traffic Data Collection Technologies to Montior Key Transportation Facilities for Security Purposes - 2006

Percent Coverage	Number of Metropolitan Areas
100% - 76%	1
75% - 51%	1
50% - 26%	1
25% - 0%	98
No Response	7

Metropolitan Areas With Greater Than 100 Arterial Centerline Miles Under Security Surveillance - 2006

|	Number of Arterial Centerline Miles
Chicago, Gary, Lake County	412
Washington	325
Detroit, Ann Arbor	305
Los Angeles, Anaheim, Riverside	266
Denver, Boulder	245
Phoenix	214
New York, Northern NJ	165

ARTERIAL MANAGEMENT SYSTEMS
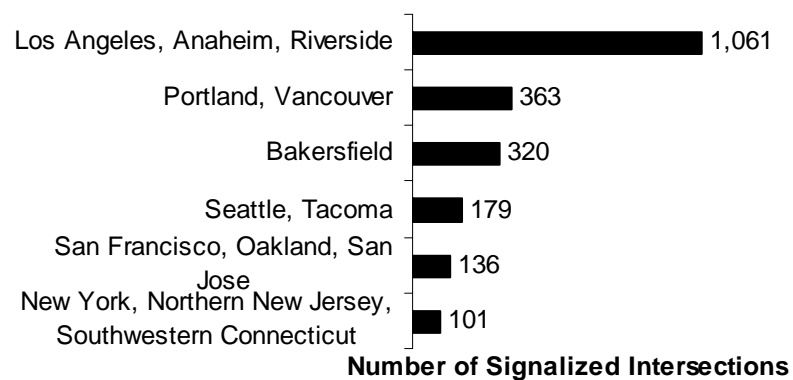
TRAFFIC CONTROL

TRANSIT SIGNAL PRIORITY

Question: Number of signalized intersections operated by your agency that allow signal priority for transit vehicles.

Percent Coverage of Signalized Intersections That Allow Signal Priority for Transit Vehicles - 2006

Percent Coverage	Number of Metropolitan Areas
100% - 76%	1
75% - 51%	0
50% - 26%	1
25% - 0%	104
No Response	2
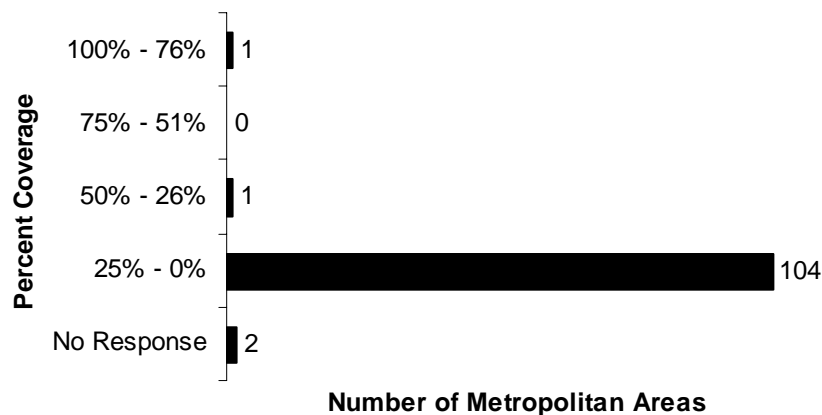
Metropolitan Areas With Greater Than 100 Signalized Intersections That Allow for Signal Priority for Transit - 2006

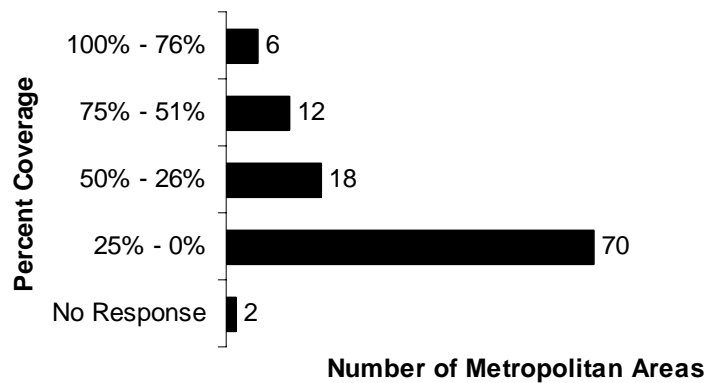|	Number of Signalized Intersections
Los Angeles, Anaheim, Riverside	1,061
Portland, Vancouver	363
Bakersfield	320
Seattle, Tacoma	179
San Francisco, Oakland, San Jose	136
New York, Northern New Jersey, Southwestern Connecticut	101

ARTERIAL MANAGEMENT SYSTEMS
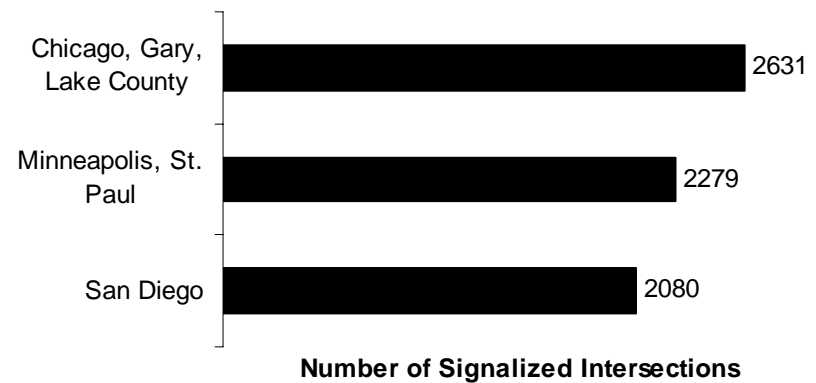
TRAFFIC CONTROL

EMERGENCY VEHICLE PREEMPTION

Question: Number of signalized intersections operated by your agency that allow signal preemption for emergency vehicles.

Percent Coverage of Signalized Intersections That Allow Signal Preemption for Emergency Vehicles - 2006

Percent Coverage	Number of Metropolitan Areas
100% - 76%	6
75% - 51%	12
50% - 26%	18
25% - 0%	70
No Response	2

Metropolitan Areas With Greater Than 2,000 Signalized Intersections That Allow for Signal Preemption for Emergency Vehicles - 2006

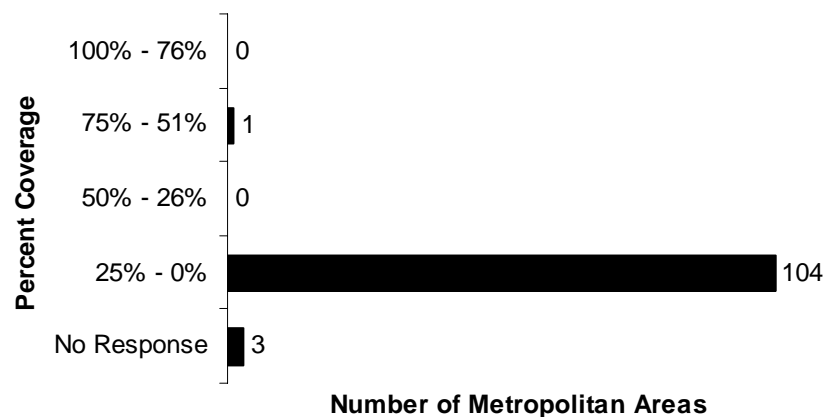|	Number of Signalized Intersections
Chicago, Gary, Lake County	2631
Minneapolis, St. Paul	2279
San Diego	2080

ARTERIAL MANAGEMENT SYSTEMS
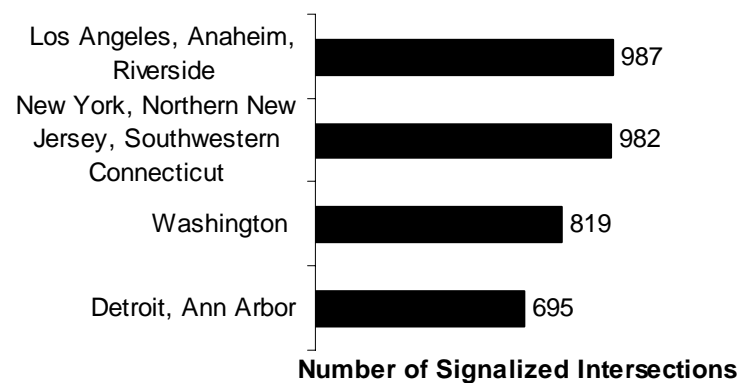
TRAFFIC CONTROL

ADAPTIVE SIGNAL CONTROL

Question: Total number of signalized intersections under real-time traffic adaptive control using SCOOT/SCATS or other similar advanced software.

Percent Coverage of Signalized Intersections Under Real-Time Adaptive Control - 2006

Percent Coverage	Number of Metropolitan Areas
100% - 76%	0
75% - 51%	1
50% - 26%	0
25% - 0%	104
No Response	3

Metropolitan Areas With Greater Than 500 Signalized Intersections Under Real-Time Traffic Adaptive Control - 2006

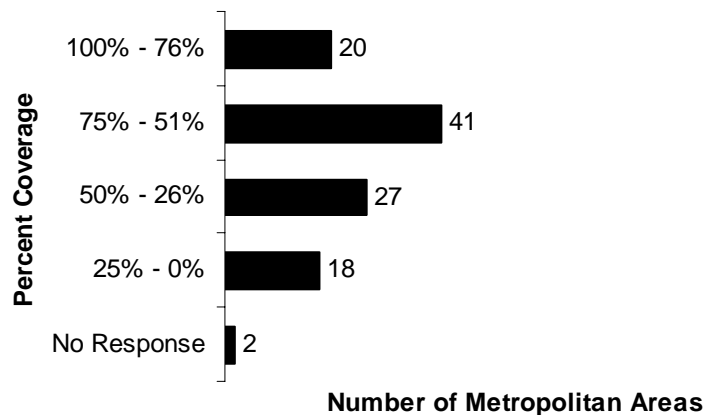|	Number of Signalized Intersections
Los Angeles, Anaheim, Riverside	987
New York, Northern New Jersey, Southwestern Connecticut	982
Washington	819
Detroit, Ann Arbor	695

ARTERIAL MANAGEMENT SYSTEMS
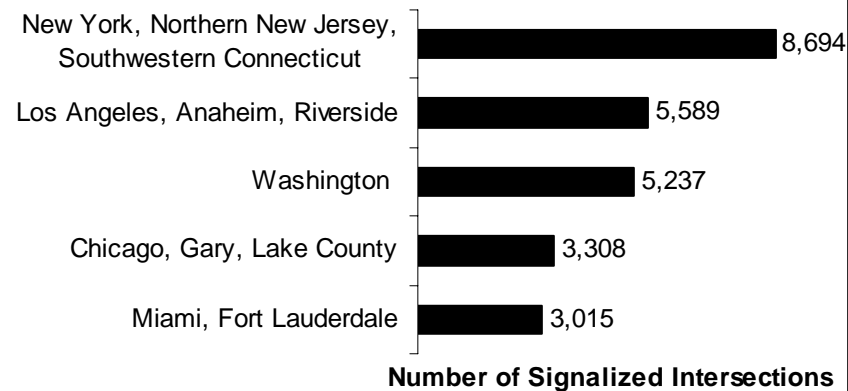
TRAFFIC CONTROL

ADVANCED SIGNAL SYSTEMS

Question: Number of signalized intersections operated by your agency under closed loop or central system control.

Percent Coverage of Signalized Intersections Under Advanced Signal Control - 2006

Percent Coverage	Number of Metropolitan Areas
100% - 76%	20
75% - 51%	41
50% - 26%	27
25% - 0%	18
No Response	2

Metropolitan Areas With Greater Than 3,000 Signalized Intersections Under Advanced Signal Control - 2006

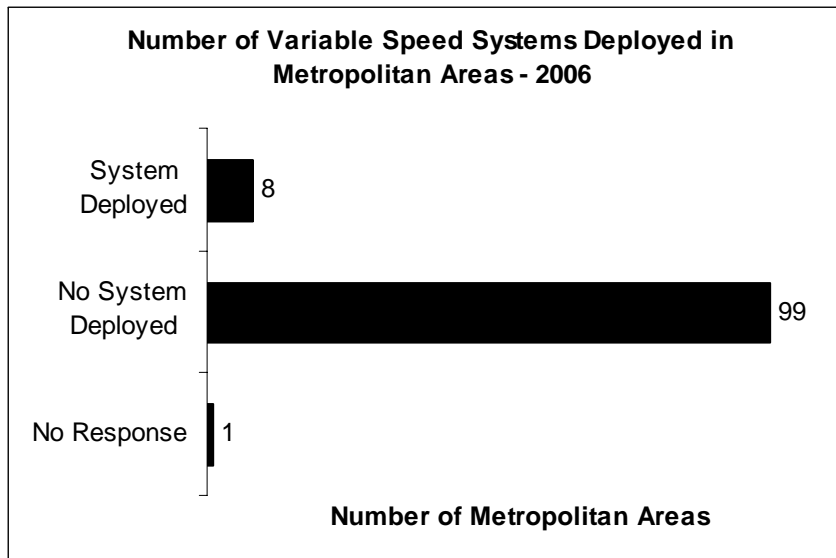|	Number of Signalized Intersections
New York, Northern New Jersey, Southwestern Connecticut	8,694
Los Angeles, Anaheim, Riverside	5,589
Washington	5,237
Chicago, Gary, Lake County	3,308
Miami, Fort Lauderdale	3,015

ARTERIAL MANAGEMENT SYSTEMS

TRAFFIC CONTROL

VARIABLE SPEED SYSTEMS

Question: Does your agency deploy variable speed systems?

Number of Variable Speed Systems Deployed in Metropolitan Areas - 2006

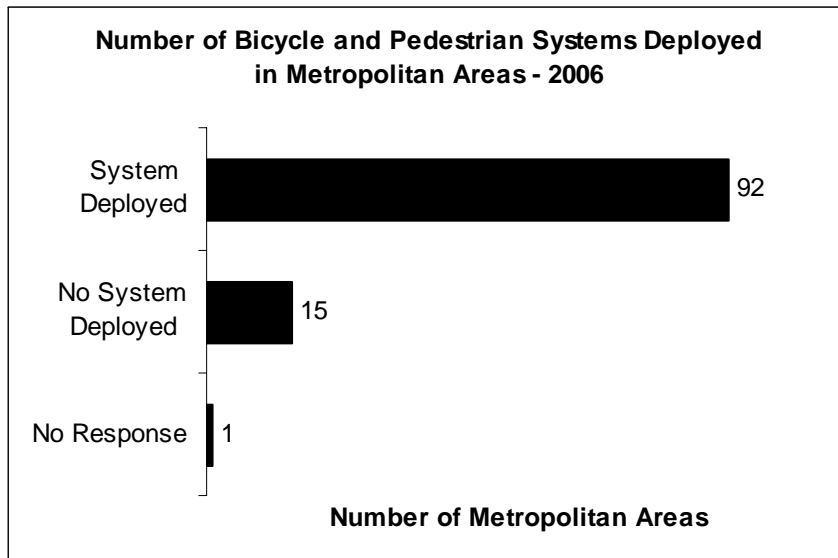|	Number of Metropolitan Areas
System Deployed	8
No System Deployed	99
No Response	1

Metropolitan Areas Reporting Deployment of Variable Speed Systems - 2006
Denver, Boulder
Los Angeles, Anaheim, Riverside
New York, Northern New Jersey, Southwestern Connecticut
Phoenix
Providence, Pawtucket, Fall River
Santa Barbara
Seattle, Tacoma
Washington

ARTERIAL MANAGEMENT SYSTEMS

TRAFFIC CONTROL

BICYCLE AND PEDESTRIAN

Question: Does your agency deploy bicycle or pedestrian systems (e.g., pedestrian detectors, pedestrian activated lighted crosswalks, specialized pedestrian signals such as "countdown" WALK/DON'T WALK signals and bicycle-actuated signals)?
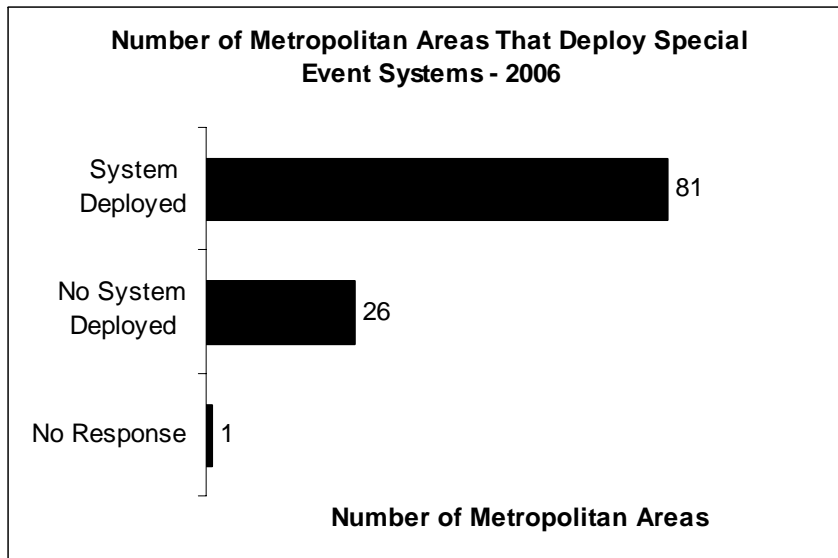
Number of Bicycle and Pedestrian Systems Deployed in Metropolitan Areas - 2006

Category	Number of Metropolitan Areas
System Deployed	92
No System Deployed	15
No Response	1

Number of Metropolitan Areas

ARTERIAL MANAGEMENT SYSTEMS

TRAFFIC CONTROL

SPECIAL EVENTS

Question: Does your agency deploy special event systems (e.g., traffic signal operating plans, temporary lane restrictions, traveler guidance, or other measures)?

Number of Metropolitan Areas That Deploy Special Event Systems - 2006

Category	Number of Metropolitan Areas
System Deployed	81
No System Deployed	26
No Response	1

ARTERIAL MANAGEMENT SYSTEMS

LANE MANAGEMENT

HOV FACILITIES

Question: Total number of arterial High Occupancy Vehicle (HOV) centerline miles equipped with automated lane management technologies (e.g., sensors detecting traffic conditions, the use of dynamic message signs and moveable barriers [e.g., gates] to control operation of HOV facilities) operated by your agency.

Number of Metropolitan Areas That Deploy Arterial High Occupancy Vehicle Automated Lane Management Technologies- 2006

System Deployed	5
No System Deployed	98
No Response	5

Number of Metropolitan Areas
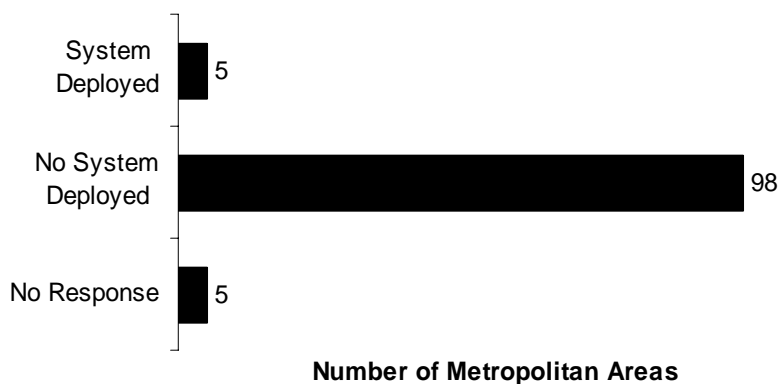
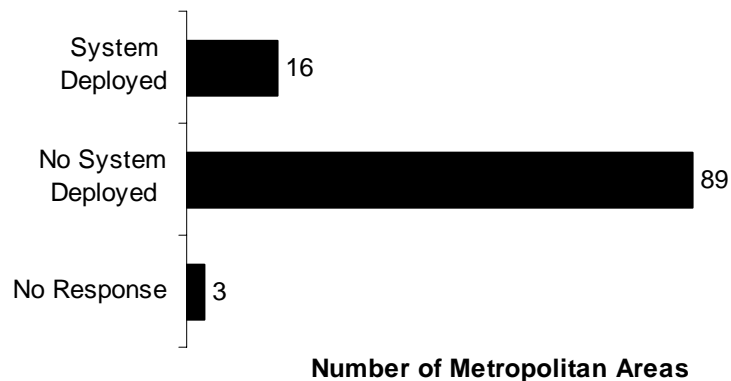| Metropolitan Areas with Areterial High Occupancy Vehicle (HOV) Centerline Miles Equipped with Automated Lane Management Technologies	
Metropolitan Areas	**Centerline Miles**
Janesville-Beloit	50
Bakersfield	20
Denver, Boulder	5
New Orleans	5
New York, Northern New Jersey, Southwestern Connecticut	5

ARTERIAL MANAGEMENT SYSTEMS

LANE MANAGEMENT

REVERSIBLE FLOW LANES

Question: Total number of arterial reversible flow lane centerline miles equipped with automated lane management technologies (e.g., traffic sensors and lane control signs used to implement reversible flow lanes) operated by your agency.

Number of Metropolitan Areas That Deploy Arterial Reversible Flow Lane With Automated Lane Management Technologies- 2006

System Deployed	16
No System Deployed	89
No Response	3

Number of Metropolitan Areas

Metropolitan Areas With 10 Or More Arterial Centerline Miles Equipped With Automated Lane Management Technologies

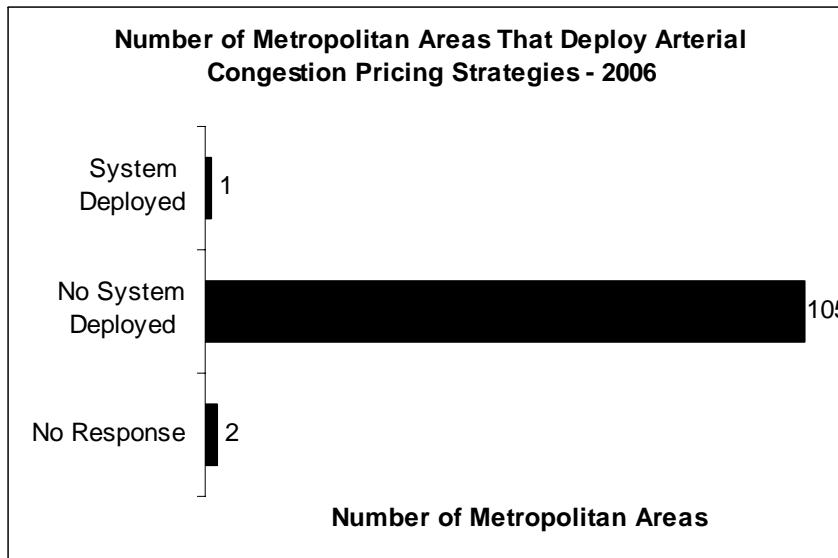| Metropolitan Area	Centerline Miles
Fresno	30
Janesville-Beloit	50
New York, Northern New Jersey, Southwestern Connecticut	10
Tampa, St. Petersburg, Clearwater	13

ARTERIAL MANAGEMENT SYSTEMS

LANE MANAGEMENT

PRICING

Question: Total number of arterial centerline miles under congestion pricing and equipped with traffic sensors, electronic payment, or automated enforcement technologies to support the implementation of congestion pricing strategies.

Number of Metropolitan Areas That Deploy Arterial Congestion Pricing Strategies - 2006

System Deployed	1
No System Deployed	105
No Response	2

Number of Metropolitan Areas

| Metropolitan Area Reporting Deployment of Arterial Variable Pricing System - 2006	Number of Arterial Centerline Miles
Los Angeles, Anaheim, Riverside	6

ARTERIAL MANAGEMENT SYSTEMS

LANE MANAGEMENT

LANE CONTROL

Question: Total number of arterial centerline miles equipped with lane control signs, supported by surveillance and detection technologies, to allow the temporary closure of lanes by your agency.

Number of Metropolitan Areas That Deploy Lane Control Signs To Allow The Temporary Closure Of Lanes - 2006

Category	Number of Metropolitan Areas
System Deployed	6
No System Deployed	100
No Response	2

Number of Metropolitan Areas
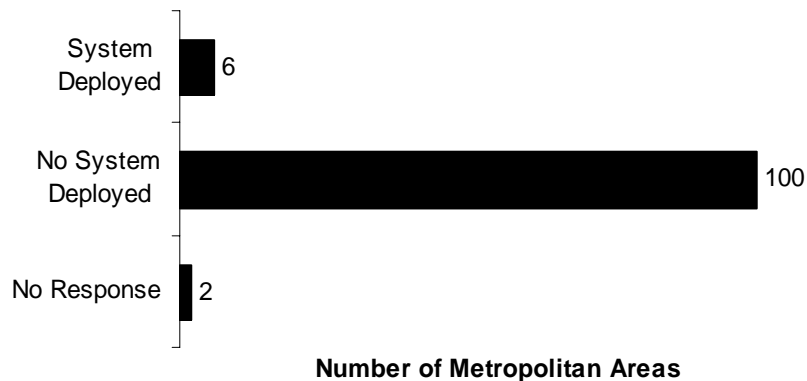
Metropolitan Areas With Lane Control Signs To Allow The Temporary Closure of Lanes	
Metropolitan Area	Centerline Miles
Baltimore	2
Charleston	120
Detroit, Ann Arbor	2
Janesville-Beloit	50
New York, Northern New Jersey, Southwestern Connecticut	2
San Antonio	93

ARTERIAL MANAGEMENT SYSTEMS

LANE MANAGEMENT

VARIABLE SPEED LIMITS

Question: Total number of arterial centerline miles equipped with variable speed limit technologies operated by your agency.

Number of Metropolitan Areas That Deploy Arterial Variable Speed Limit Technologies - 2006

Category	Value
System Deployed	5
No System Deployed	101
No Response	2

Number of Metropolitan Areas

Metropolitan Areas Equipped With Variable Speed Limit Technologies On Arterials

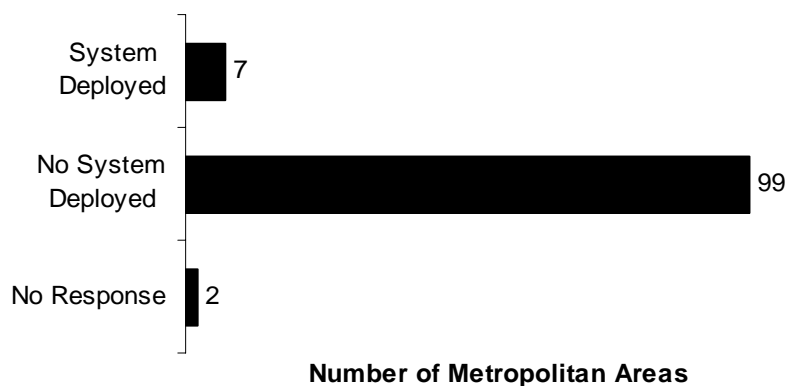| Metropolitan Area	Centerline Miles
Boston, Lawrence, Salem	1
Hartford, New Britain, Middletown	1
San Antonio	93
Seattle, Tacoma	1
Washington	1

ARTERIAL MANAGEMENT SYSTEMS

LANE MANAGEMENT

EMERGENCY EVACUATION

Question: Total number of arterial centerline miles equipped with lane management measures such as reversible flow lanes and lane control to support emergency evacuations operated by your agency.

Number of Metropolitan Areas That Deploy Arterial Lane Management Measures To Support Emergency Evacuations - 2006

Category	Number of Metropolitan Areas
System Deployed	7
No System Deployed	99
No Response	2

Number of Metropolitan Areas

| Metropolitan Areas Equipped With Lane Management Measures To Support Emergency Evacuations On Arterials	
Metropolitan Area	**Centerline Miles**
Baltimore	2
Charleston	200
Charlotte, Gastonia, Rock Hill	2
Chattanooga	1
Indianapolis	2
New Orleans	23
New York, Northern New Jersey, Southwestern Connecticut	5

ARTERIAL MANAGEMENT SYSTEMS

PARKING MANAGEMENT

DATA COLLECTION

Question: Does your agency deploy parking management data collection systems that monitor the availability of parking?

Number of Metropolitan Areas That Deploy Arterial Parking Management Data Collection Systems That Monitor The Availability Of Parking - 2006

Category	Number of Metropolitan Areas
System Deployed	14
No System Deployed	93
No Response	1

Number of Metropolitan Areas
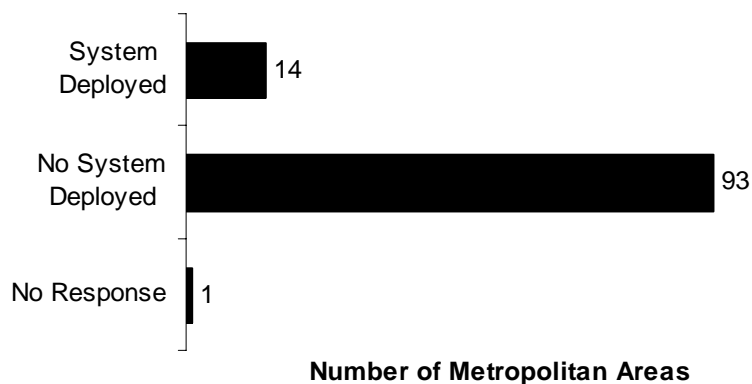
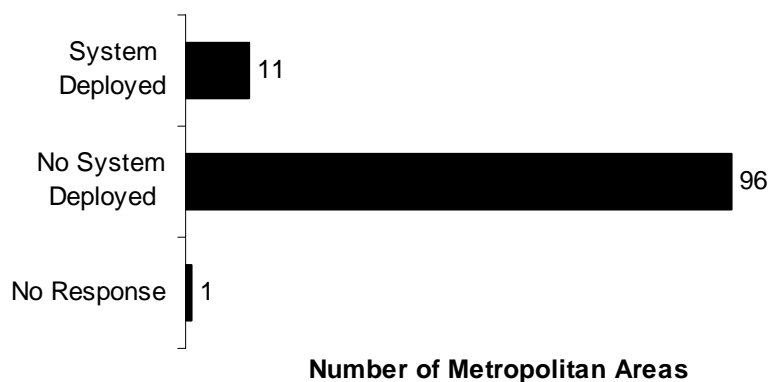| Metropolitan Areas Reporting Deployment of Parking Management Data Collection Systems - 2006	
Chicago, Gary, Lake County	Orlando
Des Moines	Providence, Pawtucket, Fall River
Hampton Roads	San Francisco, Oakland, San Jose
Los Angeles, Anaheim, Riverside	San Luis Obispo
Milwaukee, Racine	Springfield(MO)
Minneapolis, St. Paul	Tampa, St. Petersburg, Clearwater
New York, Northern New Jersey, Southwestern Connecticut	Washington

ARTERIAL MANAGEMENT SYSTEMS

PARKING MANAGEMENT

INFORMATION DISSEMINATION

Question: Does your agency deploy parking management systems that disseminate parking availability information to drivers?

Number of Metropolitan Areas That Deploy Arterial Parking Management Systems That Disseminate Parking Availability Information To Drivers - 2006

Category	Number of Metropolitan Areas
System Deployed	11
No System Deployed	96
No Response	1

Number of Metropolitan Areas

| Metropolitan Areas Reporting Deployment of Parking Information Dissemination System - 2006 |
|---|
| Charleston |
| Chicago, Gary, Lake County |
| Denver, Boulder |
| Los Angeles, Anaheim, Riverside |
| Milwaukee, Racine |
| Minneapolis, St. Paul |
| Orlando |
| San Francisco, Oakland, San Jose |
| Springfield(MO) |
| Tampa, St. Petersburg, Clearwater |
| Washington |

ARTERIAL MANAGEMENT SYSTEMS

INFORMATION DISSEMINATION

DYNAMIC MESSAGE SIGNS

Question: Total number of permanent Dynamic Message Signs (DMS) deployed on arterials.

Total Number of Permanent Dynamic Message Signs (DMS) Deployed on Arterials - 2006

Total DMS	Number of Metropolitan Areas
Greater Than 50	4
26 to 50	7
1 to 25	40
0	54
No Response	3
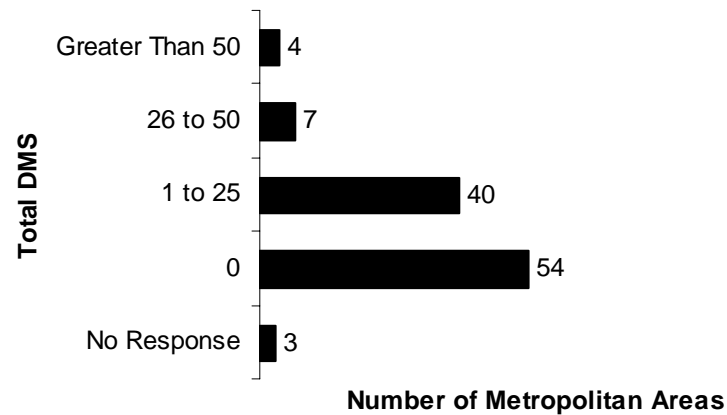
Metropolitan Areas With Greater Than 50 Arterial DMS - 2006	
Metropolitan Areas	**Number of DMS**
Los Angeles, Anaheim, Riverside	254
San Antonio	209
New York, Northern New Jersey, Southwestern Connecticut	119
Denver, Boulder	57

ARTERIAL MANAGEMENT SYSTEMS

INFORMATION DISSEMINATION

IN-VEHICLE SYSTEMS

Question: Does your agency use In-vehicle navigation systems to distribute arterial information to the public?

Number of Metropolitan Areas With In-Vehicle Systems to Distribute Arterial Information To The Public - 2006

System Deployed	5
No System Deployed	102
No Response	1

Number of Metropolitan Areas

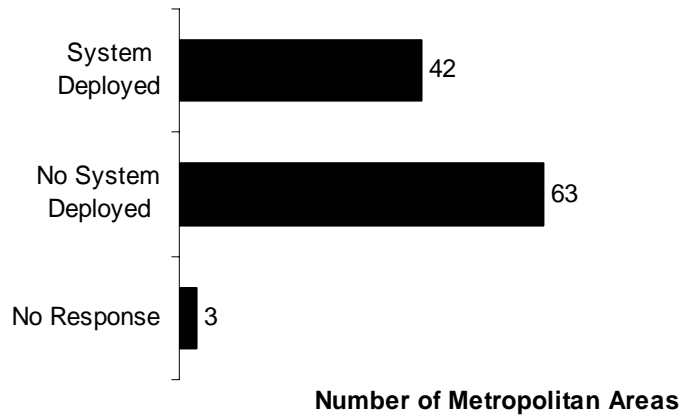| Metropolitan Areas That Use In-Vehicle Navigation Systems To Distribut Arterial Information To The Public |
| --- |
| Chicago, Gary, Lake County |
| Grand Rapids |
| Los Angeles, Anaheim, Riverside |
| Nashville |
| San Diego |

ARTERIAL MANAGEMENT SYSTEMS

INFORMATION DISSEMINATION

HIGHWAY ADVISORY RADIO

Question: Total centerline miles covered by Highway Advisory Radio (HAR).

Number of Metropolitan Areas That Use Highway Advisory Radio (HAR) On Arterials - 2006

Category	Number of Metropolitan Areas
System Deployed	42
No System Deployed	63
No Response	3

Number of Metropolitan Areas

Percent Coverage Of Highway Advisory Radio (HAR) On Arterials - 2006

Percent Coverage	Number of Metropolitan Areas
Greater Than 50%	3
26% to 50%	1
1% to 25%	37
0	64
No Response	3
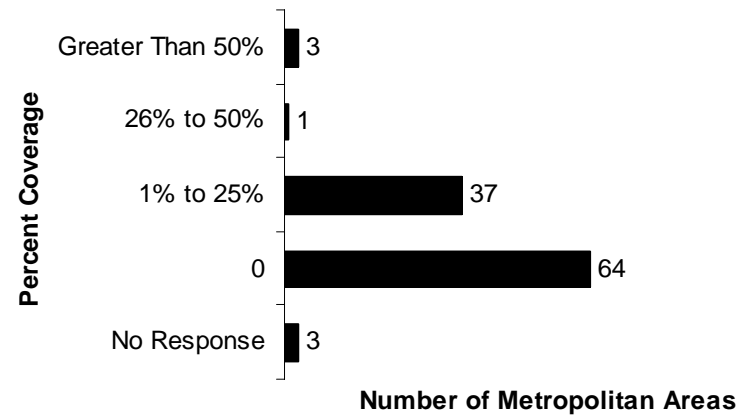
Number of Metropolitan Areas

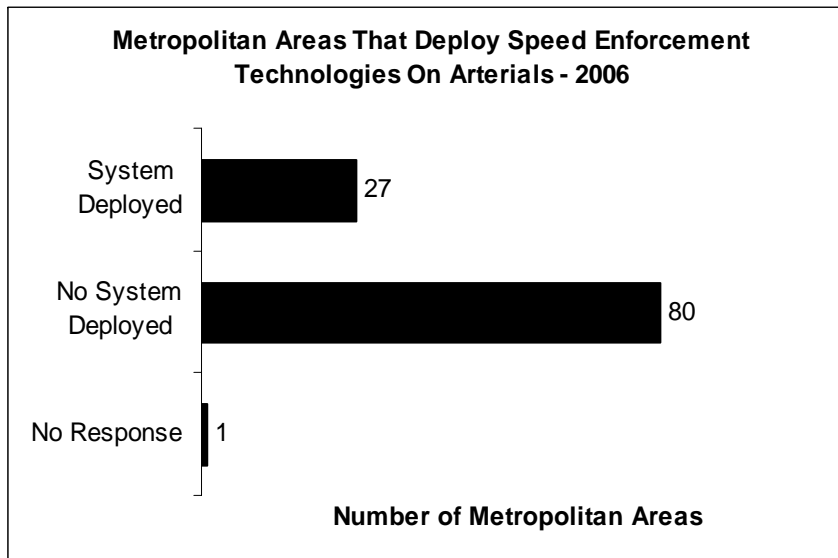# ARTERIAL MANAGEMENT SYSTEMS

ENFORCEMENT

SPEED ENFORCEMENT

**Question:** Does your agency deploy speed enforcement technologies on arterials?

Metropolitan Areas That Deploy Speed Enforcement Technologies On Arterials - 2006

Category	Number of Metropolitan Areas
System Deployed	27
No System Deployed	80
No Response	1

Number of Metropolitan Areas

ARTERIAL MANAGEMENT SYSTEMS

ENFORCEMENT

STOP/YIELD ENFORCEMENT

Question: Total number of signalized intersections with automated photo red light running enforcement.

Metropolitan Areas That Deploy Automated Photo Red Light Running Enforcement On Arterials - 2006

Category	Number of Metropolitan Areas
System Deployed	32
No System Deployed	73
No Response	3

Number of Metropolitan Areas
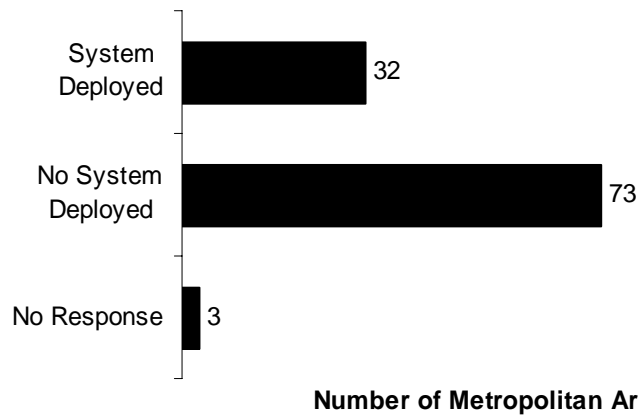
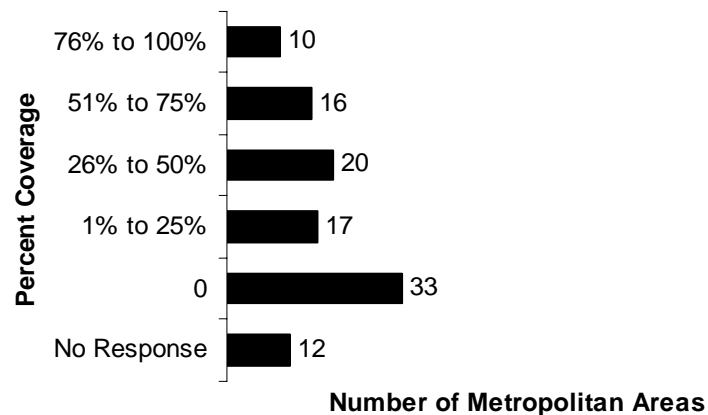| Metropolitan Areas With Greater Than 75 Signalized Intersections With Photo Red Light Running Enforcement - 2006	
Metropolitan Area	**Number of Signals**
Baltimore	259
Los Angeles, Anaheim, Riverside	86
New York, Northern New Jersey, Southwestern Connecticut	180
Washington	218

FREEWAY MANAGEMENT SYSTEMS

SURVEILLANCE

TRAFFIC

Question: Total number of freeway centerline miles with real-time traffic data collection technologies (does not include CCTV).

Percent Coverage Of Real-Time Traffic Data Collection Technologies on Freeways - 2006

Percent Coverage	Number of Metropolitan Areas
76% to 100%	10
51% to 75%	16
26% to 50%	20
1% to 25%	17
0	33
No Response	12

Metropolitan Areas With More Than 200 Freeway Centerline Miles With Real-Time Traffic Data Collection Technologies - 2006

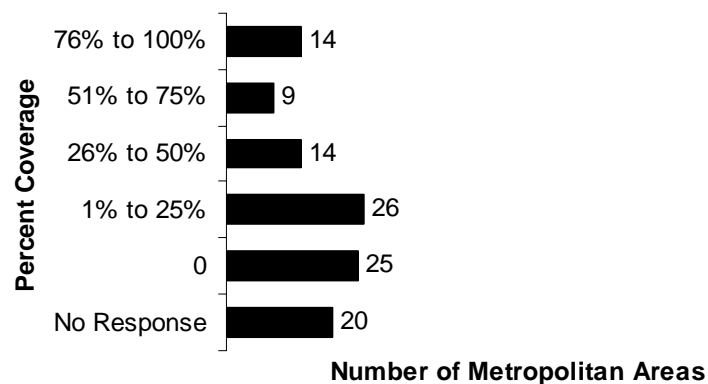| Metropolitan Area	Centerline Miles
New York, Northern New Jersey, Southwestern Connecticut	1246
Houston, Galveston, Brazoria	733
Los Angeles, Anaheim, Riverside	557
Chicago, Gary, Lake County	359
Minneapolis, St. Paul	300
Orlando	247
San Diego	237
Dallas, Fort Worth	231
Denver, Boulder	200
Detroit, Ann Arbor	200

FREEWAY MANAGEMENT SYSTEMS

SURVEILLANCE

INFRASTRUCTURE

Question: Total number of freeway centerline miles with real-time traffic data collection technologies (includes CCTV) to monitor key transportation facilities for security purposes operated by your agency in this metropolitan area.

Percent Coverage Of Real-Time Traffic Data Collection Technologies on Freeways For Security Purposes - 2006

Percent Coverage	Number of Metropolitan Areas
76% to 100%	14
51% to 75%	9
26% to 50%	14
1% to 25%	26
0	25
No Response	20

Metropolitan Areas With Greater Than 200 Freeway Centerline Miles With Real-Time Traffic Data Collection Technologies To Monitor Key Transportation Facilities For Security Purposes - 2006

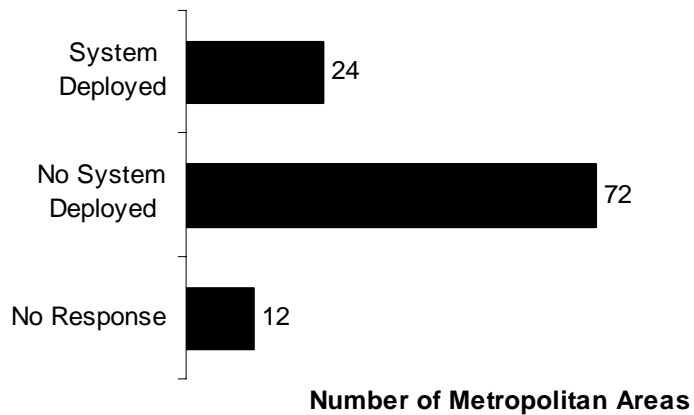| Metropolitan Area	Centerline Miles
Orlando	247
Minneapolis, St. Paul	500
Houston, Galveston, Brazoria	733
San Diego	237
Chicago, Gary, Lake County	427
New York, Northern New Jersey, Southwestern Connecticut	346

FREEWAY MANAGEMENT SYSTEMS

RAMP CONTROL

RAMP METERING

Question: Total number of ramps with ramp metering capability operated by your agency.

Metropolitan Areas That Have Ramp With Ramp Metering Capability - 2006

Category	Number of Metropolitan Areas
System Deployed	24
No System Deployed	72
No Response	12

Number of Metropolitan Areas

Metropolitan Areas With Greater Than 200 Ramps With Ramp Metering Capability - 2006

Metropolitan Area	Number of Ramps
Los Angeles, Anaheim, Riverside	3495
Minneapolis, St. Paul	419
San Diego	284

FREEWAY MANAGEMENT SYSTEMS

RAMP CONTROL

RAMP CLOSURES

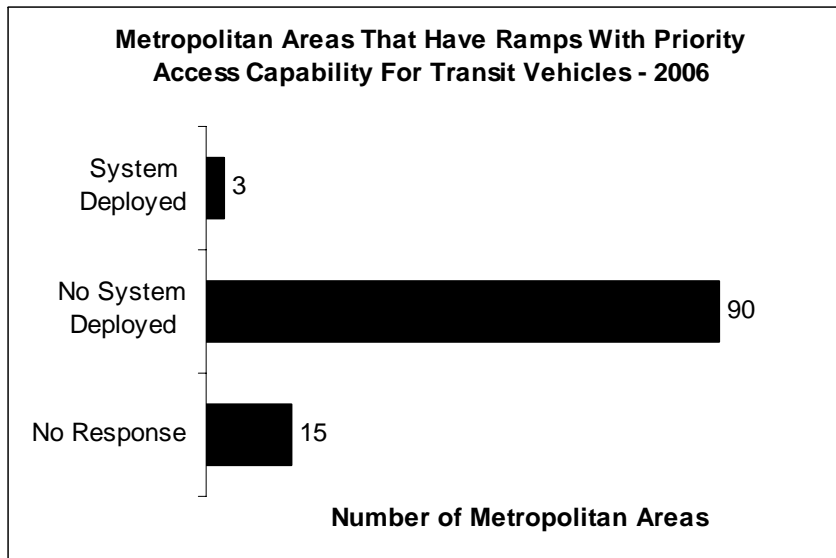**Question:** Total number of ramps with automated ramp closure capability operated by your agency.

Metropolitan Areas That Have Ramps With Automated Ramp Closure Capability - 2006

Category	Number of Metropolitan Areas
System Deployed	3
No System Deployed	86
No Response	19

Number of Metropolitan Areas
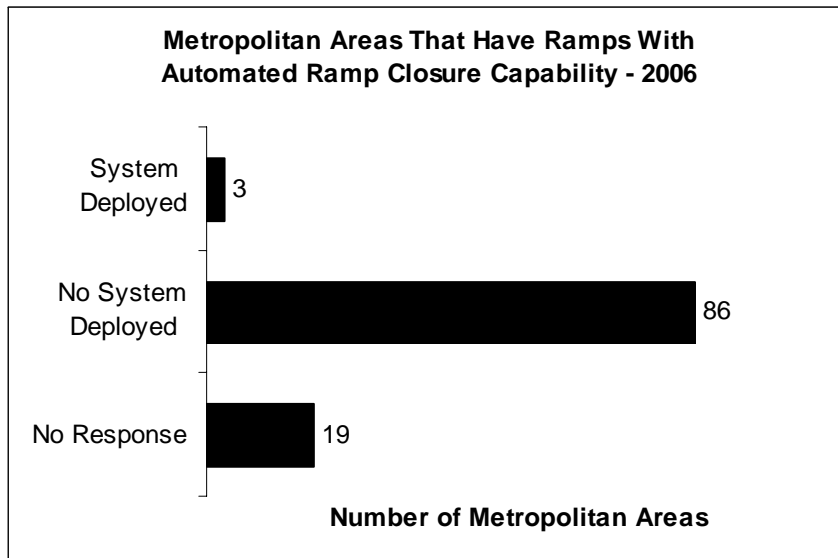
FREEWAY MANAGEMENT SYSTEMS

RAMP CONTROL

PRIORITY ACCESS

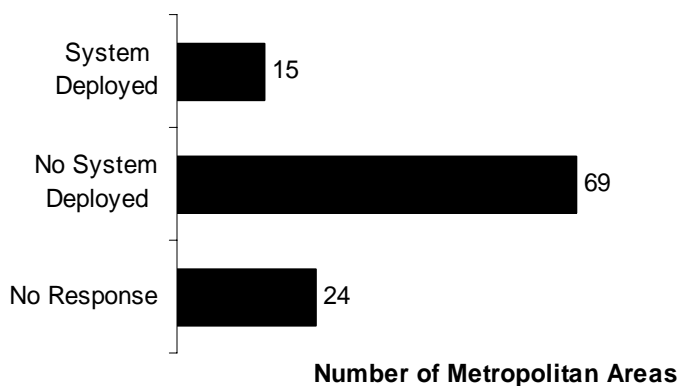**Question:** Total number of ramps with priority access capability for transit vehicles operated by your agency.

Metropolitan Areas That Have Ramps With Priority Access Capability For Transit Vehicles - 2006

Category	Number of Metropolitan Areas
System Deployed	3
No System Deployed	90
No Response	15

Number of Metropolitan Areas

FREEWAY MANAGEMENT SYSTEMS

LANE MANAGEMENT

HOV FACILITIES

Question: Total number of freeway High Occupancy Vehicle (HOV) centerline miles equipped with automated lane management technologies (e.g., sensors detecting traffic conditions, the use of dynamic message signs and moveable barriers (e.g., gates) to control operation of HOV facilities operated by your agency.

Metropolitan Areas With Freeway High Occupancy Vehicle (HOV) Centerline Miles Equipped With Automated Lane Management Technologies - 2006

Category	Number of Metropolitan Areas
System Deployed	15
No System Deployed	69
No Response	24

Number of Metropolitan Areas

Metropolitan Areas With Greater Than 50 Freeway HOV Centerline Miles Equipped With Automated Lane Management Technologies

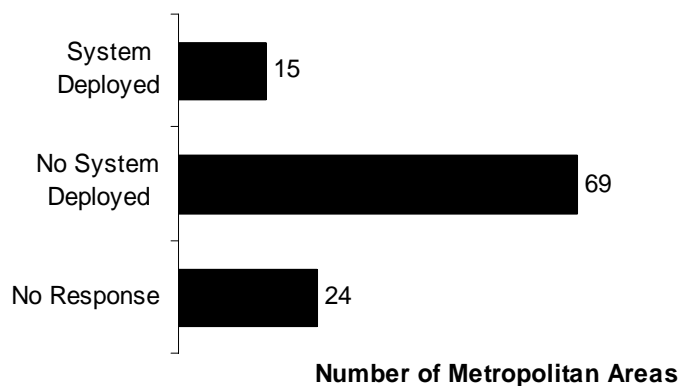| Metropolitan Area	Centerline Miles
Los Angeles, Anaheim, Riverside	283
Seattle, Tacoma	110
Salt Lake City, Ogden	84
Janesville-Beloit	60
Washington	55
Denver, Boulder	50

FREEWAY MANAGEMENT SYSTEMS

LANE MANAGEMENT

REVERSIBLE FLOW LANES

Question: Total number of freeway reversible flow lane centerline miles equipped with automated lane management technologies (e.g., traffic sensors and lane control signs used to implement reversible flow lanes) operated by your agency.

Metropolitan Areas With Freeway Reversible Flow Lane Centerline Miles Equipped With Automated Lane Management Technologies - 2006

Category	Number of Metropolitan Areas
System Deployed	15
No System Deployed	69
No Response	24

Number of Metropolitan Areas

Metropolitan Areas With Freeway Reversible Centerline Miles Equipped With Automated Lane Management Technologies

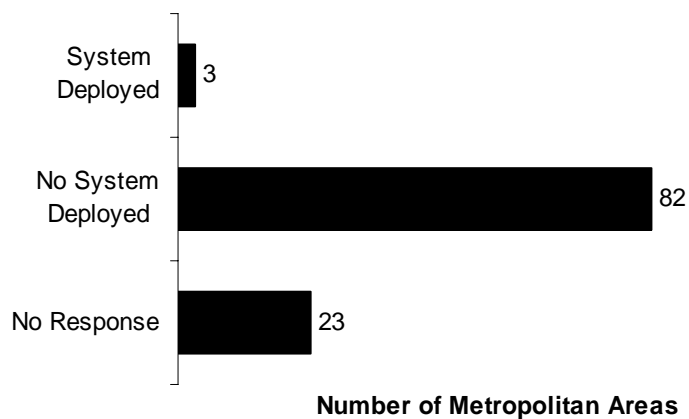| Metropolitan Areas	Centerline Miles
Washington	35
Seattle, Tacoma	20
New York, Northern New Jersey, Southwestern Connecticut	9
Chicago, Gary, Lake County	8
Hampton Roads	8
San Diego	8
Charlotte, Gastonia, Rock Hill	5
St. Louis	5

FREEWAY MANAGEMENT SYSTEMS

LANE MANAGEMENT

PRICING

Question: Total number of freeway centerline miles under congestion pricing and equipped with traffic sensors, electronic payment, or automated enforcement technologies to support the implementation of congestion pricing strategies.

Metropolitan Areas With Freeway Centerline Miles Equipped With Congestion Pricing Strategies - 2006

System Deployed: 3
No System Deployed: 82
No Response: 23

Number of Metropolitan Areas

Metropolitan Areas With Freeway Centerline Miles Equipped With Congestion Pricing Technologies To Support Implementation Of Congestion Pricing Strategies - 2006

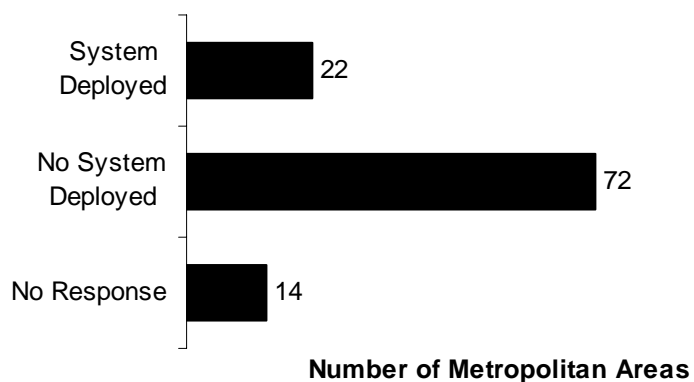| Metropolitan Area	Centerline Miles
Chicago, Gary, Lake County	274
Minneapolis, St. Paul	11
San Diego	8

FREEWAY MANAGEMENT SYSTEMS

LANE MANAGEMENT

LANE CONTROL

Question: Total number of freeway centerline miles equipped with lane control signs, supported by surveillance and detection technologies, to allow the temporary closure of lanes by your agency.

Metropolitan Areas With Freeway Centerline Miles Equipped With Lane Control Sign To Allow The Temporary Closure Of Lanes - 2006

Category	Number of Metropolitan Areas
System Deployed	22
No System Deployed	72
No Response	14

Number of Metropolitan Areas

Metropolitan Areas With Greater Than 50 Freeway Centerline Miles Equipped With Lane Control Signs To Allow The Temporary Closure Of Lanes - 2006

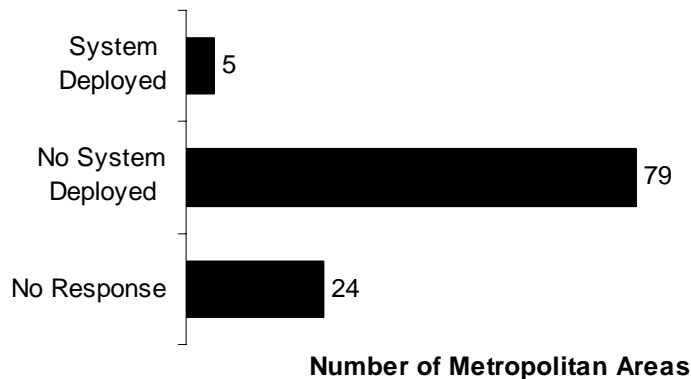| Metropolitan Area	Centerline Miles
Los Angeles, Anaheim, Riverside	332
Seattle, Tacoma	115
San Antonio	93
Denver, Boulder	50

FREEWAY MANAGEMENT SYSTEMS

LANE MANAGEMENT

VARIABLE SPEED LIMITS

Question: Total number of freeway centerline miles equipped with variable speed limit technologies operated by your agency.

Metropolitan Areas With Freeway Centerline Miles Equipped With Variable Speed Limit Technologies - 2006

System Deployed	5
No System Deployed	79
No Response	24

Number of Metropolitan Areas

Metropolitan Areas With Freeway Centerline Miles Equipped With Variable Speed Limit Technologies - 2006

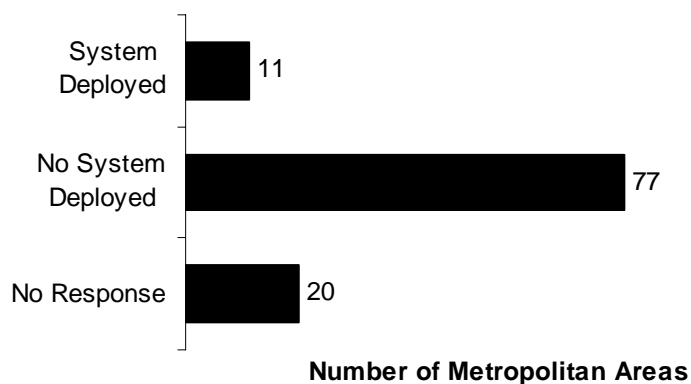| Metropolitan Areas	Centerline Miles
New York, Northern New Jersey, Southwestern Connecticut	152
Baton Rouge	30
Seattle, Tacoma	10
Philadelphia, Wilmington, Trenton	2
Grand Rapids	1

FREEWAY MANAGEMENT SYSTEMS

LANE MANAGEMENT

EMERGENCY EVACUATION

Question: Total number of freeway centerline miles equipped with lane management measures such as reversible flow lanes and lane control to support emergency evacuations operated by your agency.

Metropolitan Areas With Freeway Centerline Miles Equipped With Lane Management Measures To Support Emergency Evacuations - 2006
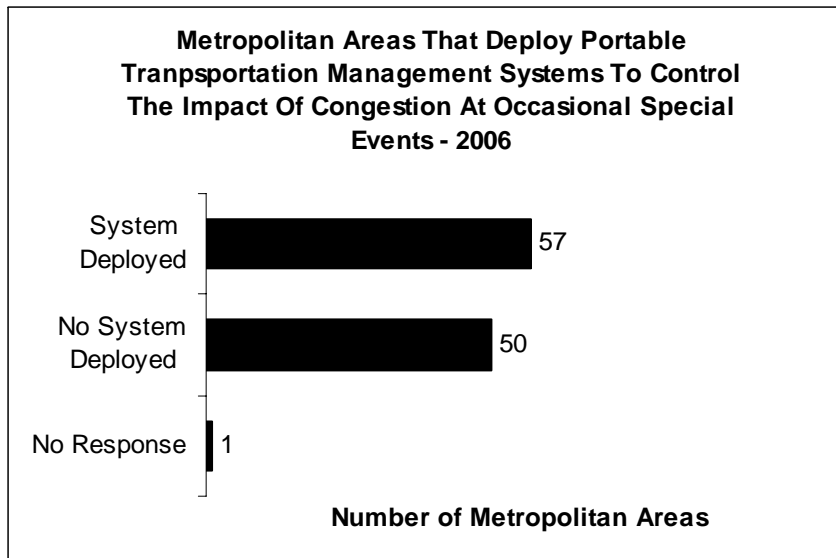

Metropolitan Area	Centerline Miles
Houston, Galveston, Brazoria	530
Miami, Fort Lauderdale	118
Jacksonville	50
Hampton Roads	47
Austin	42
Washington	35
Chicago, Gary, Lake County	8
San Diego	8
Pittsburgh, Beaver Valley	7
St. Louis	5
New York, Northern New Jersey, Southwestern Connecticut	4

FREEWAY MANAGEMENT SYSTEMS

SPECIAL EVENT TRANSPORTATION MANAGEMENT

OCCASIONAL EVENTS

Question: Does your agency deploy portable transportation management systems to control the impact of congestion at hosting Occasional special events?
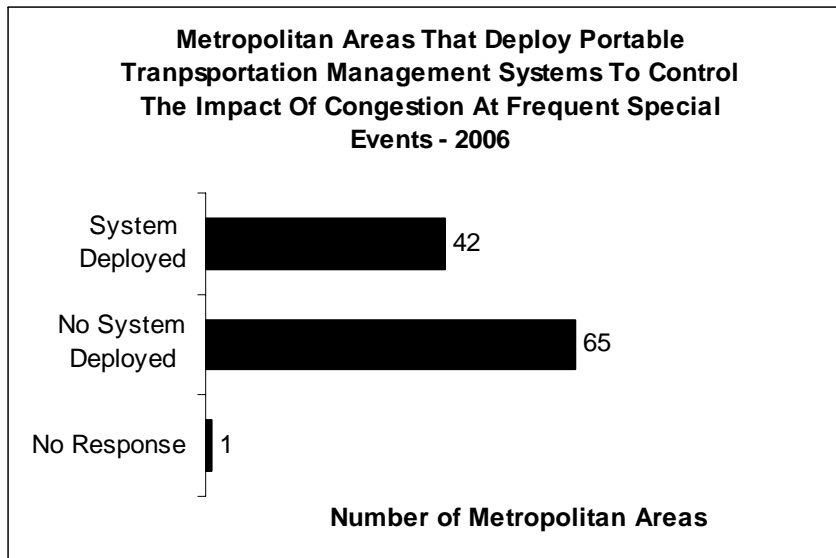
Metropolitan Areas That Deploy Portable Transpsortation Management Systems To Control The Impact Of Congestion At Occasional Special Events - 2006

	Number
System Deployed	57
No System Deployed	50
No Response	1

Number of Metropolitan Areas

FREEWAY MANAGEMENT SYSTEMS

SPECIAL EVENT TRANSPORTATION MANAGEMENT

FREQUENT EVENTS

Question: Does your agency deploy portable transportation management systems to control the impact of congestion at hosting Frequent special events?
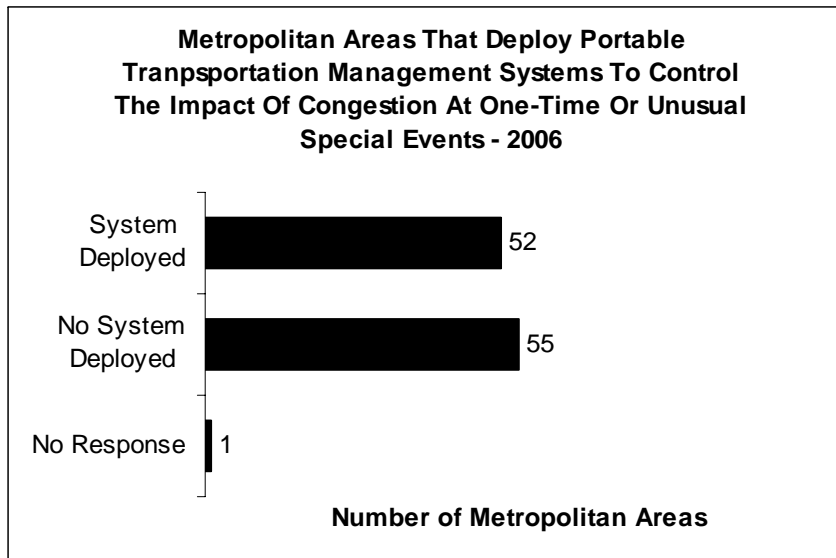
Metropolitan Areas That Deploy Portable Transpsortation Management Systems To Control The Impact Of Congestion At Frequent Special Events - 2006

Category	Number
System Deployed	42
No System Deployed	65
No Response	1

Number of Metropolitan Areas

FREEWAY MANAGEMENT SYSTEMS

SPECIAL EVENT TRANSPORTATION MANAGEMENT

OTHER EVENTS

Question: Does your agency deploy portable transportation management systems to control the impact of congestion at hosting One-Time or Unusual special events?

Metropolitan Areas That Deploy Portable Tr;anpsportation Management Systems To Control The Impact Of Congestion At One-Time Or Unusual Special Events - 2006

	Number of Metropolitan Areas
System Deployed	52
No System Deployed	55
No Response	1

FREEWAY MANAGEMENT SYSTEMS

SPECIAL EVENT TRANSPORTATION MANAGEMENT

TEMPORARY TMCs

Question: Does your agency deploy temporary Traffic Management Centers (TMCs) or satellite locations for existing TMC to control the impact of congestion associated with special events?

Metropolitan Areas That Deploy Temporary Traffic Management Centers (TMCs) To Control The Impact Of Congestion Associated With Special Events - 2006
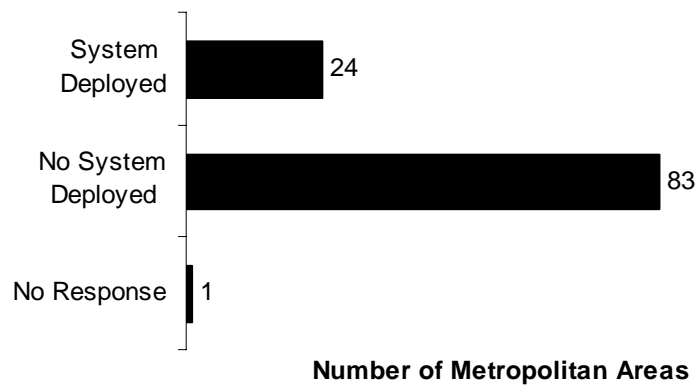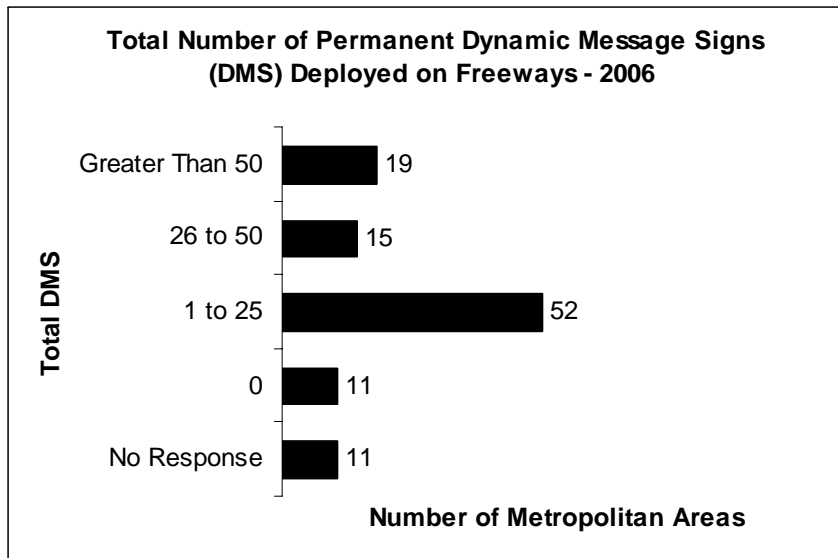
Category	Number of Metropolitan Areas
System Deployed	24
No System Deployed	83
No Response	1

Number of Metropolitan Areas

FREEWAY MANAGEMENT SYSTEMS

INFORMATION DISSEMINATION

DYNAMIC MESSAGE SIGNS

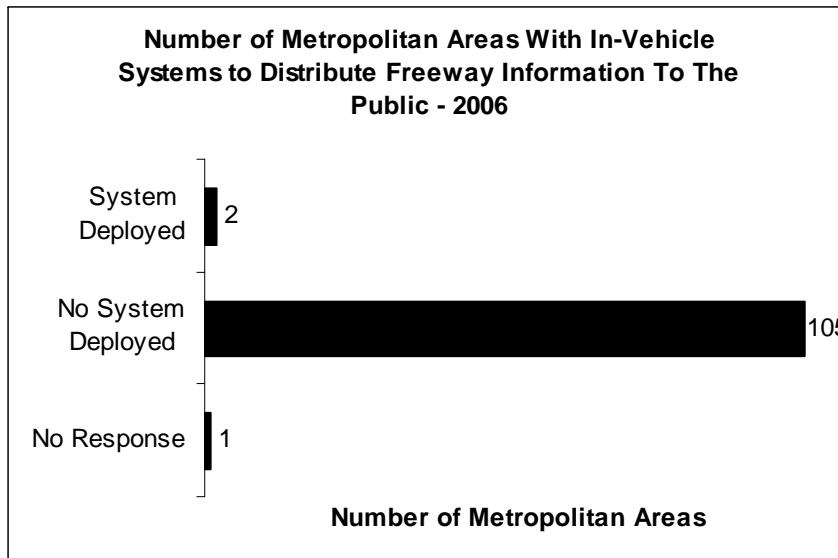**Question:** Total number of permanent Dynamic Message Signs (DMS) deployed on freeways.

Total Number of Permanent Dynamic Message Signs (DMS) Deployed on Freeways - 2006

Total DMS	Number of Metropolitan Areas
Greater Than 50	19
26 to 50	15
1 to 25	52
0	11
No Response	11

FREEWAY MANAGEMENT SYSTEMS

INFORMATION DISSEMINATION

IN-VEHICLE SYSTEMS

Question: Does your agency use In-vehicle navigation systems to distribute freeway information to the public?

Number of Metropolitan Areas With In-Vehicle Systems to Distribute Freeway Information To The Public - 2006

System Deployed — 2

No System Deployed — 105

No Response — 1

Number of Metropolitan Areas

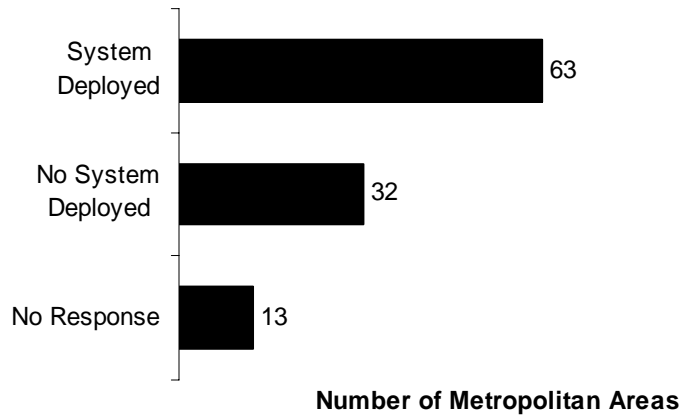| Metropolitan Areas With In-Vehicle Systems To Distribute Freeway Information To The Public - 2006 |
|---|
| Dallas, Fort Worth |
| Philadelphia, Wilmington, Trenton |

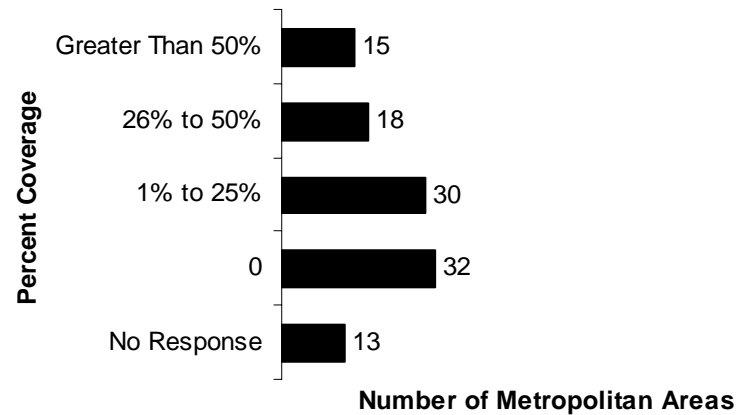# FREEWAY MANAGEMENT SYSTEMS

INFORMATION DISSEMINATION

HIGHWAY ADVISORY RADIO

Question: Total freeway centerline miles covered by Highway Advisory Radio (HAR).

Number of Metropolitan Areas That Use Highway Advisory Radio (HAR) On Freeways - 2006

Category	Number of Metropolitan Areas
System Deployed	63
No System Deployed	32
No Response	13

Number of Metropolitan Areas

Percent Coverage Of Highway Advisory Radio (HAR) On Freeways - 2006

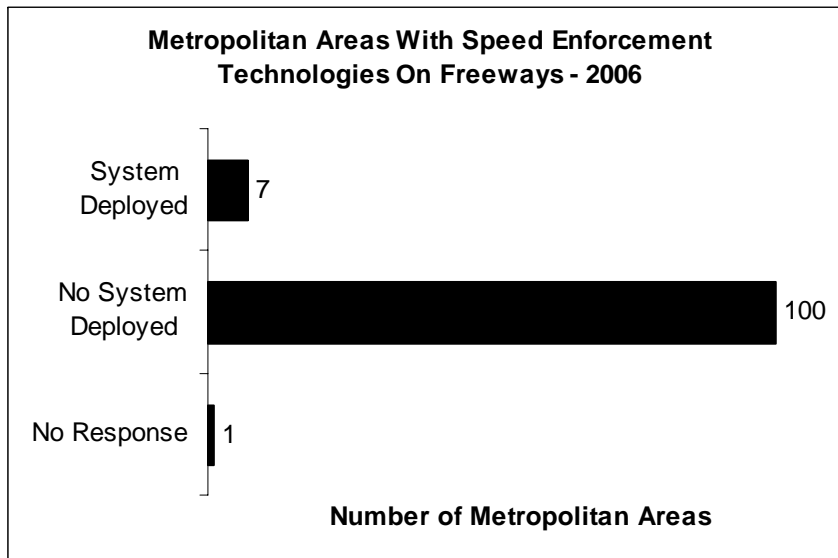| Percent Coverage	Number of Metropolitan Areas
Greater Than 50%	15
26% to 50%	18
1% to 25%	30
0	32
No Response	13

Number of Metropolitan Areas

FREEWAY MANAGEMENT SYSTEMS

ENFORCEMENT

SPEED ENFORCEMENT

Question: Does your agency deploy speed enforcement technologies on freeways?

Metropolitan Areas With Speed Enforcement Technologies On Freeways - 2006

Category	Number
System Deployed	7
No System Deployed	100
No Response	1

Number of Metropolitan Areas

Metropolitan Areas Reporting Deployment of Speed
New Orleans
St. Louis
Little Rock, North Little Rock
Chicago, Gary, Lake County
Scranton, Wilkes-Barre

FREEWAY MANAGEMENT SYSTEMS

ENFORCEMENT

HOV

Question: Does your agency deploy automated enforcement technologies to enforce High Occupancy Vehicle (HOV) restrictions on freeways?

Metropolitan Areas With Automated High Occupancy Vehicle Enforcement (HOV) Technologies On Freeways - 2006

Category	Number
System Deployed	1
No System Deployed	106
No Response	1

Number of Metropolitan Areas

Metropolitan Areas Reporting Deployment of Speed Enforcement Technologies - 2006

Minneapolis, St. Paul

FREEWAY MANAGEMENT SYSTEMS

ENFORCEMENT

RAMP METER ENFORCEMENT

Question: Does your agency deploy automated enforcement technologies to assist with the enforcement of ramp metering compliance?
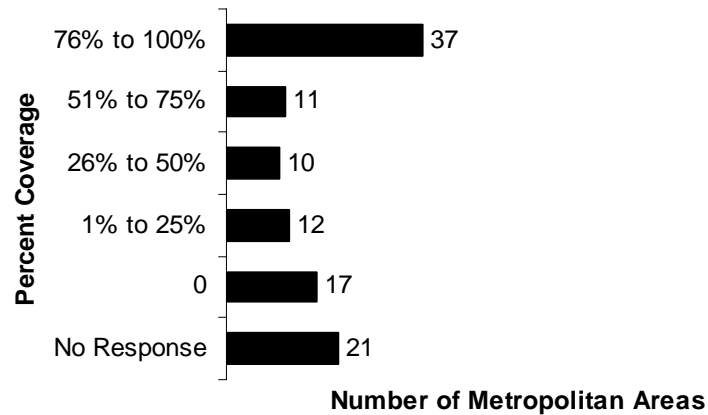
Metropolitan Areas With Automated Ramp Metering Enforcement Technologies On Freeways - 2006

Category	Number of Metropolitan Areas
System Deployed	0
No System Deployed	07
No Response	1

Number of Metropolitan Areas
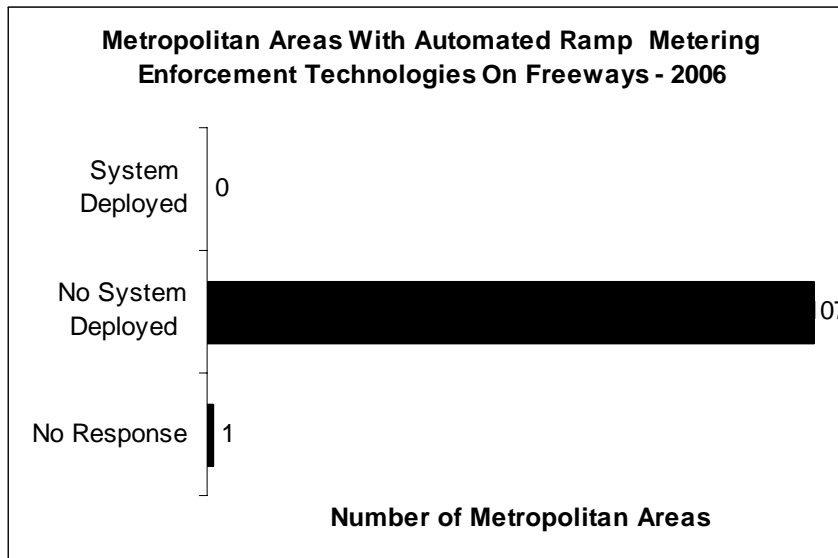
TRANSIT MANAGEMENT SYSTEMS

SAFETY & SECURITY

IN-VEHICLE SURVEILLANCE

Question: Total number of vehicles/facilities with audio or video surveillance to enhance security.

Percent Of Fixed Route Buses With Audio Or Video Surveillance To Enhance Security - 2006

Percent Coverage	Number of Metropolitan Areas
76% to 100%	37
51% to 75%	11
26% to 50%	10
1% to 25%	12
0	17
No Response	21

Metropolitan Areas With Greater Than 1,000 Fixed Route Buses With Audio Or Video To Enhance Security - 2006	
Metropolitan Area	**Number Of Fixed Route Buses**
Los Angeles, Anaheim, Riverside	3,090
Chicago, Gary, Lake County	2,738
Washington	1,606
Miami, Fort Lauderdale	1,119
San Francisco, Oakland, San Jose	1,013

TRANSIT MANAGEMENT SYSTEMS

SAFETY & SECURITY

FACILITY SURVEILLANCE

Question: Total number of facilities with audio or video surveillance to enhance security.
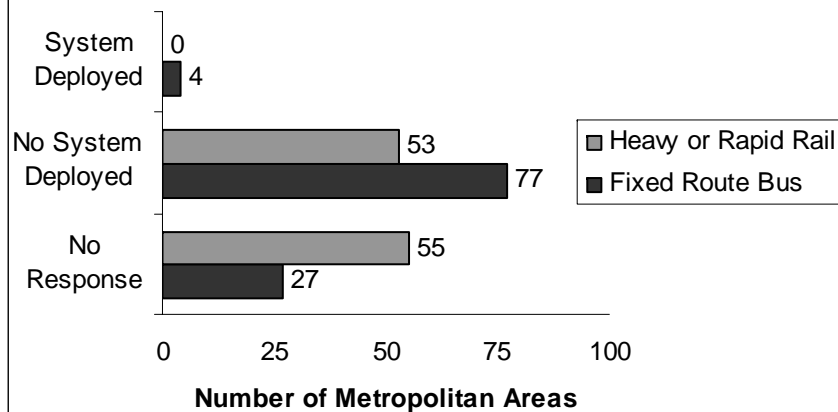
Metropolitan Areas With Audio Video Surveillance On Fixed Route Buses To Enhance Security - 2006

Category	Bus Depots	Rail Stations	Bus Stops
System Deployed	32	13	11
No System Deployed	33	44	47
No Response	43	51	50

Number of Metropolitan Areas
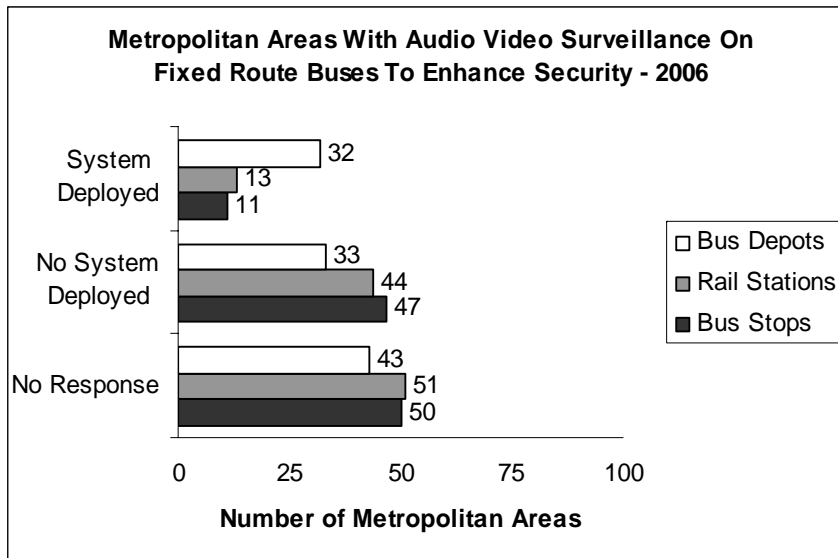
TRANSIT MANAGEMENT SYSTEMS

SAFETY & SECURITY

REMOTE DISABLING SYSTEMS

Question: Total number of vehicles that can be remotely shut down via wireless communication.

Metropolitan Areas With Audio Video Surveillance On Fixed Route Buses To Enhance Security - 2006

System Deployed	0 / 4
No System Deployed	53 / 77
No Response	55 / 27

Legend: Heavy or Rapid Rail, Fixed Route Bus

Number of Metropolitan Areas

Metropolitan Areas With Fixed Route Buses That Can Be Remotely Shut Down Via Wireless Communication - 2006

Metropolitan Area	Fixed Route Buses
Baltimore	671
St. Louis	64
Scranton, Wilkes-Barre	38
New Orleans	10

TRANSIT MANAGEMENT SYSTEMS

TRANSPORTATION DEMAND MANAGEMENT

RIDE SHARING/MATCHING

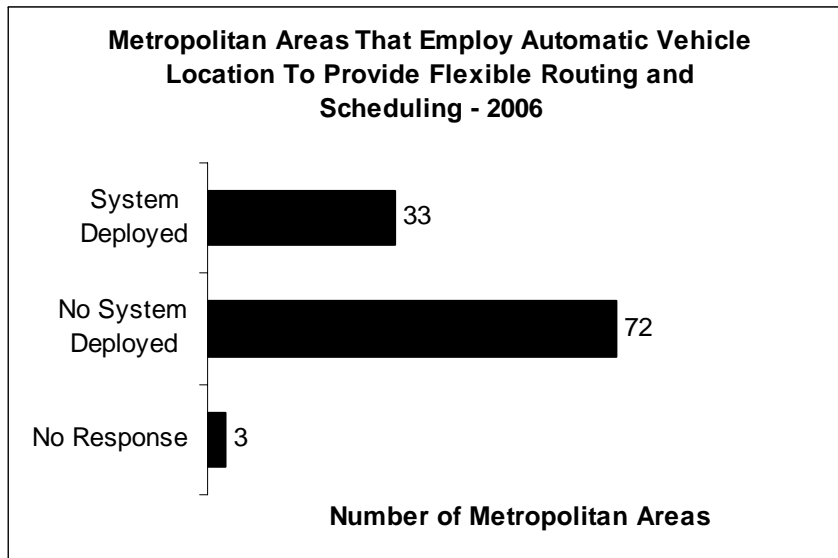**Question**: Does your agency provide ride sharing and carpool matching services?

Metropolitan Areas That Provide Ride Sharing And Carpool Matching Services - 2006

Category	Number of Metropolitan Areas
System Deployed	41
No System Deployed	64
No Response	3

Number of Metropolitan Areas
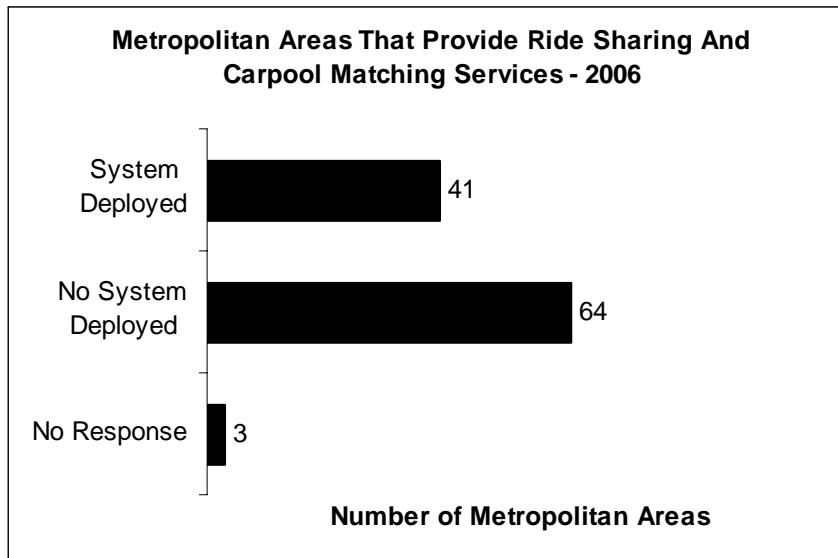
TRANSIT MANAGEMENT SYSTEMS

TRANSPORTATION DEMAND MANAGEMENT

DYNAMIC ROUTING/SCHEDULING

Question: Does your agency employ automatic vehicle location, combined with dispatching and reservation technologies to provide flexible routing and scheduling?

Metropolitan Areas That Employ Automatic Vehicle Location To Provide Flexible Routing and Scheduling - 2006

Category	Number
System Deployed	33
No System Deployed	72
No Response	3

Number of Metropolitan Areas

TRANSIT MANAGEMENT SYSTEMS

TRANSPORTATION DEMAND MANAGEMENT

SERVICE COORDINATION

Question: Does your agency employ vehicle monitoring and communication technologies to facilitate the coordination of passenger transfers between vehicle or transit systems?
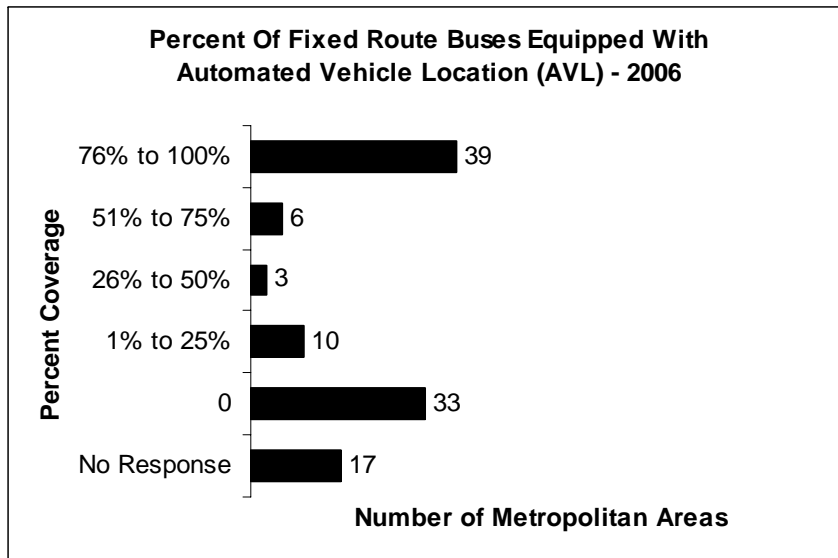
Metropolitan Areas That Emply Vehicle Monitoring And Communication Technologies To Facilitate The Coordination Of Passenger Transfers Between Vehicle Or Transit Systems - 2006

Category	Number
System Deployed	44
No System Deployed	61
No Response	3

Number of Metropolitan Areas
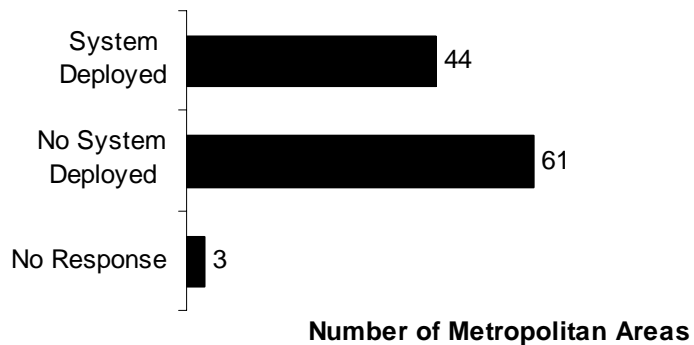
TRANSIT MANAGEMENT SYSTEMS

FLEET MANAGEMENT

AVL/CAD

Question: Total number of vehicles equipped with Automated Vehicle Location (AVL).

Percent Of Fixed Route Buses Equipped With Automated Vehicle Location (AVL) - 2006

Percent Coverage	Number of Metropolitan Areas
76% to 100%	39
51% to 75%	6
26% to 50%	3
1% to 25%	10
0	33
No Response	17

TRANSIT MANAGEMENT SYSTEMS

FLEET MANAGEMENT

MAINTENANCE

Question: Total number of vehicles with real-time monitoring of vehicle components.

Percent Of Fixed Route Buses Equipped With Real-Time Monitoring Of Components - 2006

Percent Coverage	Number of Metropolitan Areas
76% to 100%	22
51% to 75%	3
26% to 50%	6
1% to 25%	7
0	53
No Response	17
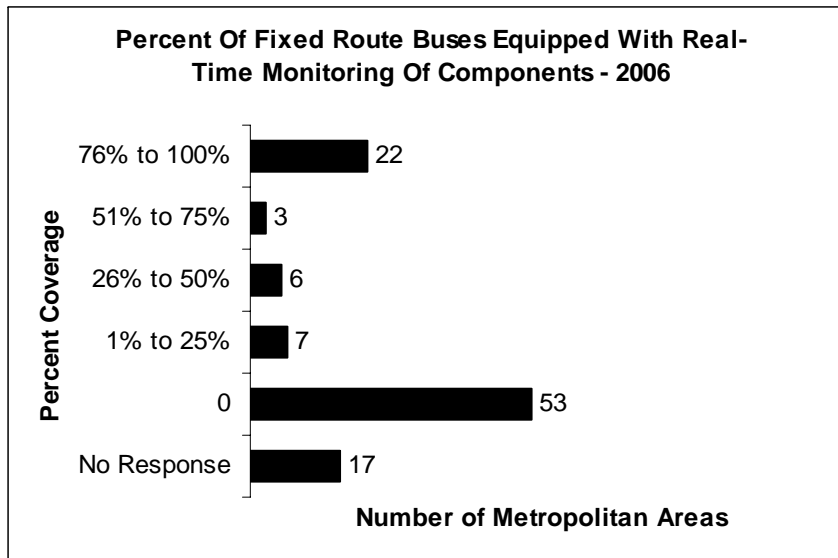
TRANSIT MANAGEMENT SYSTEMS

FLEET MANAGEMENT

PLANNING

Question: Does your agency use data from technologies such as AVL/CAD systems and automatic passenger counter systems, to assist in planning?
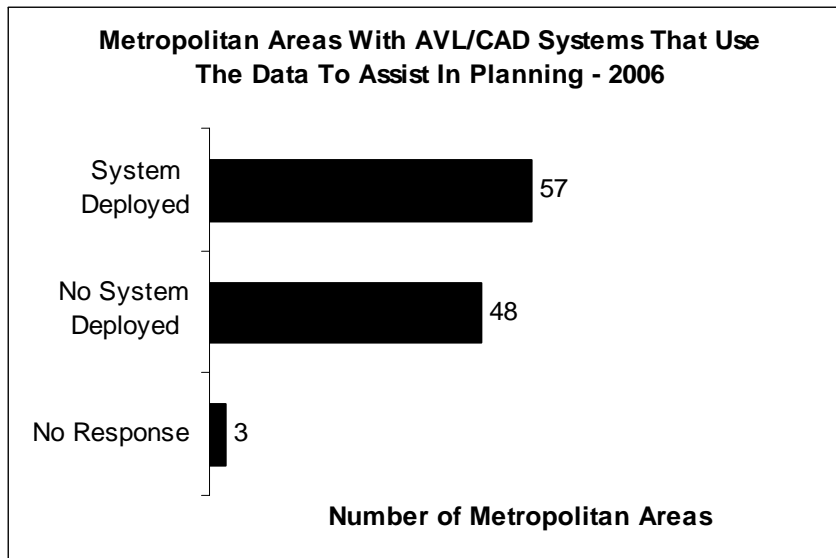
**Metropolitan Areas With AVL/CAD Systems That Use
The Data To Assist In Planning - 2006**

Category	Number of Metropolitan Areas
System Deployed	57
No System Deployed	48
No Response	3

Number of Metropolitan Areas

TRANSIT MANAGEMENT SYSTEMS

INFORMATION DISSEMINATION

IN-VEHICLE SYSTEMS

Question: Total number of vehicles that electronically display automated or dynamic traveler information (e.g., schedule and system information) to the public.

Percent Of Fixed Route Buses That Electronically Display Automated Or Dynamic Traveler Information - 2006

Percent Coverage	Number of Metropolitan Areas
76% to 100%	9
51% to 75%	5
26% to 50%	3
1% to 25%	6
0	55
No Response	30
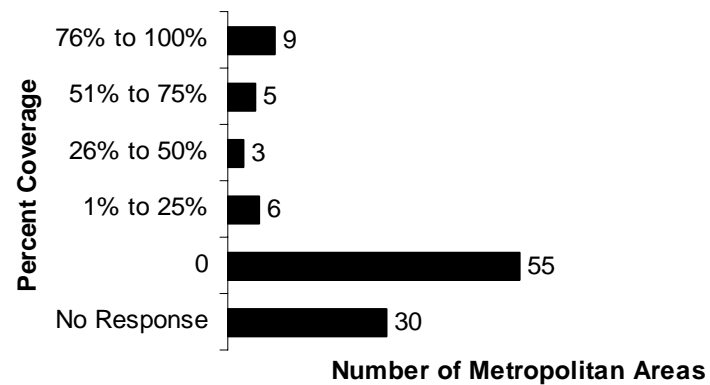
TRANSIT MANAGEMENT SYSTEMS

INFORMATION DISSEMINATION

IN-TERMINAL/WAYSIDE

Question: Total number of facilities that electronically display automated or dynamic traveler information (e.g., schedule and system information) to the public.

Facilities That Electronically Display Automated Or Dynamic Traveler Information To The Public - 2006

Number of Bus Stops	Number of Metropolitan Areas
Over 76	2
51 to 75	2
26 to 50	2
1 to 25	23
0	60
No Response	19
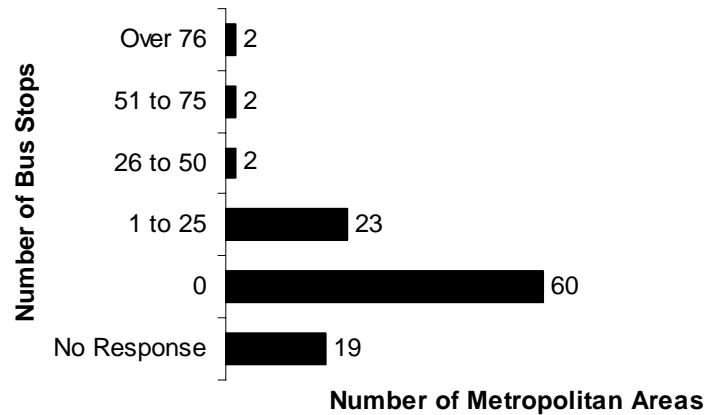
TRANSIT MANAGEMENT SYSTEMS

INFORMATION DISSEMINATION

INTERNET/WIRELESS/PHONE

Question 1: Methods used to disseminate Transit Routes, Schedules, and Fare Information to the Public.

Question 2: Methods used to disseminate Real-time Transit schedule adherence or Arrival and Departure Times to the public.
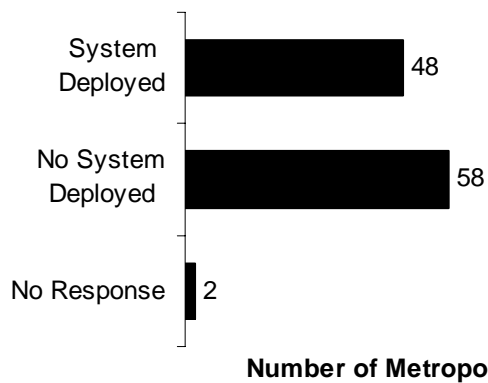
Question 1: Methods Used To Disseminate Transit Routes, Schedules, And Fare Information To The Public - 2006

System Deployed: 53, 92
No System Deployed: 52, 13
No Response: 3, 3

□ Automated Phone System
■ Internet Web Sites

Number of Metropolitan Areas

Question 2: Methods Used To Disseminate Real-Time Transit Schedule Adherence Or Arrival And Departure Times To The Public - 2006

System Deployed: 18, 38
No System Deployed: 87, 67
No Response: 3, 3

□ Automated Phone System
■ Internet Web Sites

Number of Metropolitan Areas
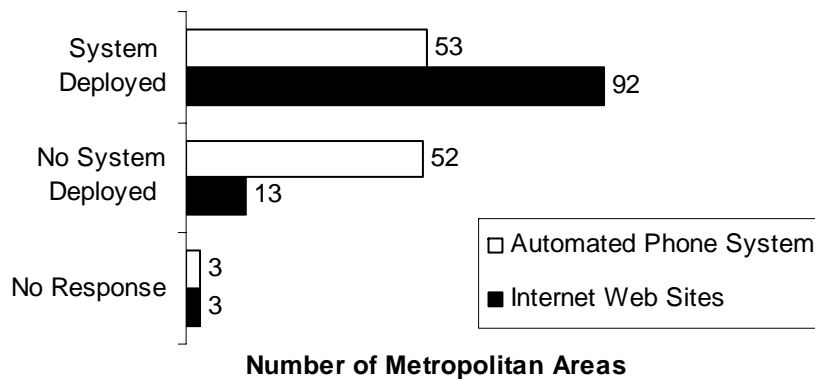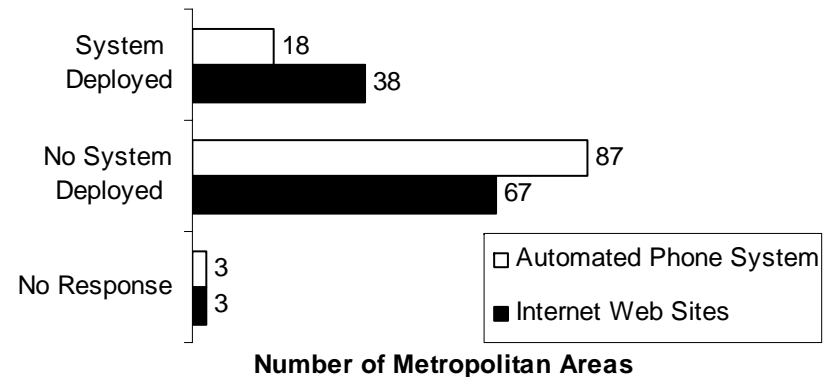
INCIDENT MANAGEMENT SYSTEMS

SURVEILLANCE & DETECTION

DETECTORS

Question: Does your agency use inductive loop or acoustic roadway detector technologies to detect incidents?

Metropolitan Areas That Use Inductive Loop Or Acoustic Roadway Detector Technologies To Detect Freeway Incidents - 2006

Category	Number of Metropolitan Areas
System Deployed	48
No System Deployed	58
No Response	2

Number of Metropolitan Areas

Metropolitan Areas That Use Inductive Loop Or Acoustic Roadway Detector Technologies To Detect Arterial Incidents - 2006

Category	Number of Metropolitan Areas
System Deployed	29
No System Deployed	78
No Response	1

Number of Metropolitan Areas

INCIDENT MANAGEMENT SYSTEMS

SURVEILLANCE & DETECTION

IMAGING/VIDEO

Question: Does your agency use CCTV to detect/verify incidents?

Metropolitan Areas That Use CCTV To Detect/Verify Freeway Incidents - 2006

Category	Number of Metropolitan Areas
System Deployed	76
No System Deployed	19
No Response	13
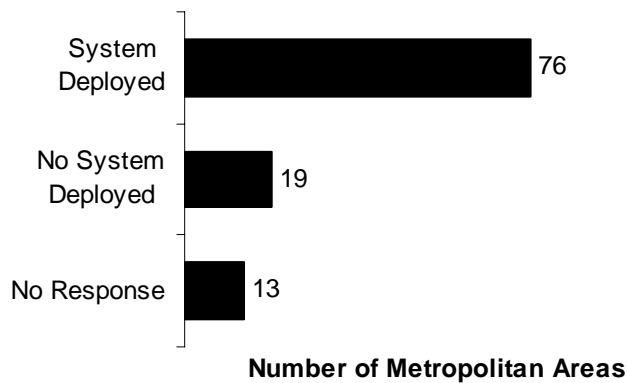
Metropolitan Areas That Use CCTV To Detect/Verify Arterial Incidents - 2006

Category	Number of Metropolitan Areas
System Deployed	63
No System Deployed	40
No Response	5
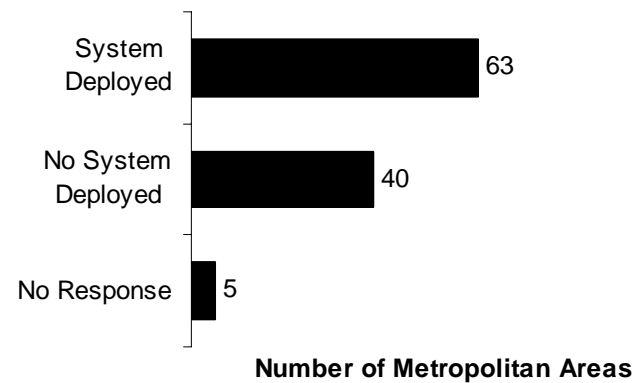
INCIDENT MANAGEMENT SYSTEMS

SURVEILLANCE & DETECTION

WIRELESS E911

Question: Does your agency use wireless enhanced 911 systems to detect incidents?

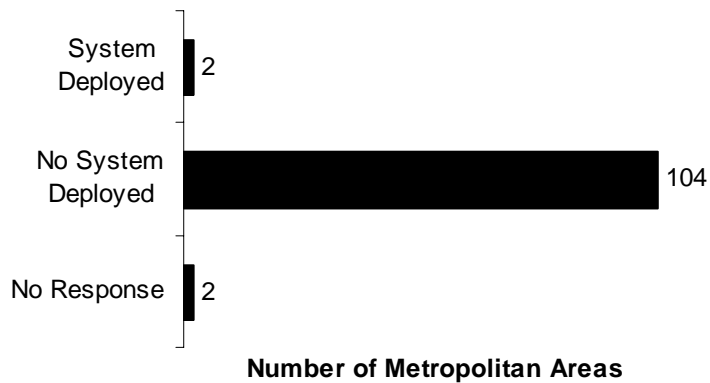### Metropolitan Areas That Use Wireless Enhanced 911 Systems To Detect Freeway Incidents - 2006

Category	Number of Metropolitan Areas
System Deployed	19
No System Deployed	87
No Response	2

Number of Metropolitan Areas

Metropolitan Areas That Use Wireless Enhanced 911 Systems To Detect Arterial Incidents - 2006

Category	Number of Metropolitan Areas
System Deployed	11
No System Deployed	96
No Response	1
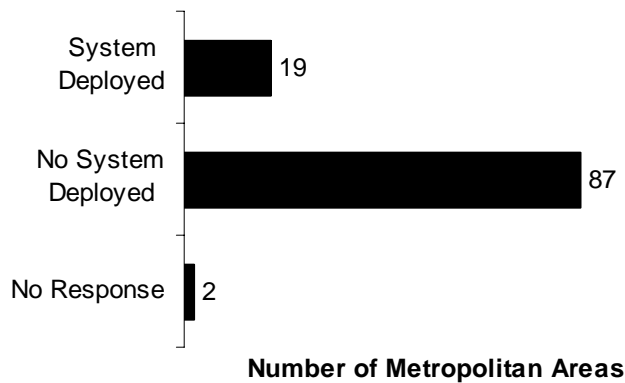
Number of Metropolitan Areas
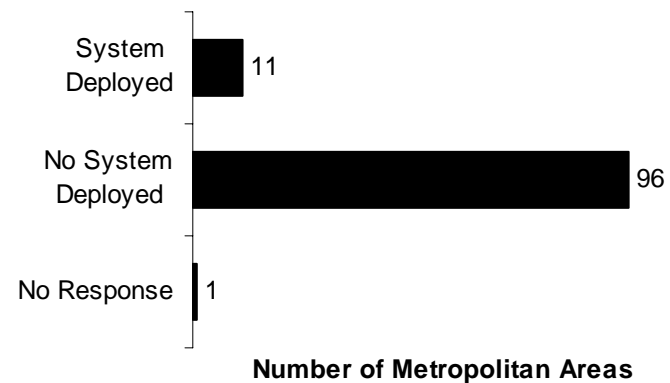
INCIDENT MANAGEMENT SYSTEMS

SURVEILLANCE & DETECTION

MAYDAY/ACN

Question: Does your agency use mayday or advanced crash notification systems to detect incidents?

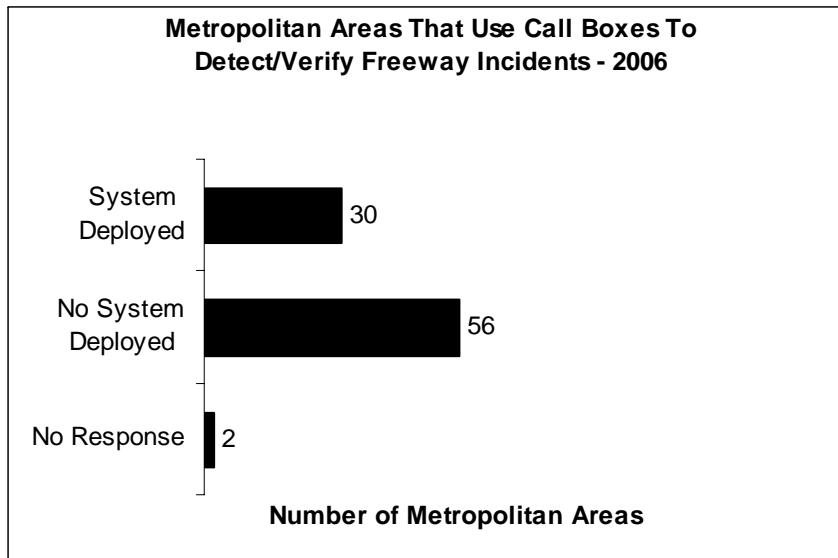**Metropolitan Areas That Use Mayday Or Advanced Crash Notification Systems To Detect Freeway Incidents - 2006**

- System Deployed: 2
- No System Deployed: 104
- No Response: 2

Number of Metropolitan Areas

Metropolitan Areas That Use Mayday Or Advanced Crash Notification Systems To Detect Arterial Incidents - 2006

- System Deployed: 1
- No System Deployed: 106
- No Response: 1

Number of Metropolitan Areas
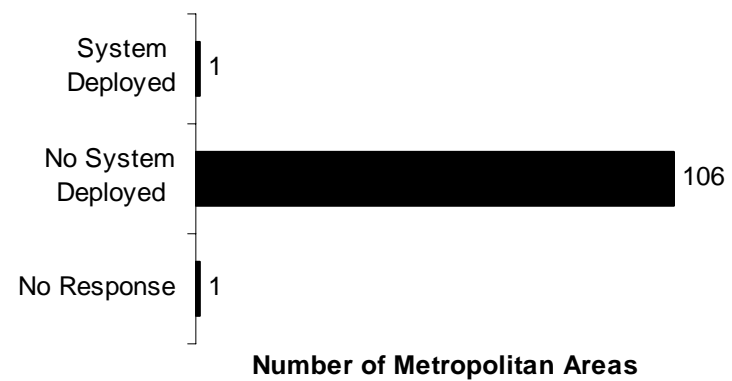
INCIDENT MANAGEMENT SYSTEMS

SURVEILLANCE & DETECTION

CALL BOXES

**Question**: Does your agency use call boxes to detect/verify incidents?

Metropolitan Areas That Use Call Boxes To Detect/Verify Freeway Incidents - 2006

Category	Number of Metropolitan Areas
System Deployed	30
No System Deployed	56
No Response	2

Number of Metropolitan Areas

INCIDENT MANAGEMENT SYSTEMS

SURVEILLANCE & DETECTION

TRAVELER REPORTED

Question: Does your agency use traveler reported information to detect incidents?

Metropolitan Areas That Use Traveler Reported Information To Detect Freeway Incidents - 2006

| Category	Number of Metropolitan Areas
System Deployed	74
No System Deployed	32
No Response	2

Number of Metropolitan Areas

Metropolitan Areas That Use Traveler Reported Information To Detect Freeway Incidents - 2006

Category	Number of Metropolitan Areas
System Deployed	61
No System Deployed	46
No Response	1
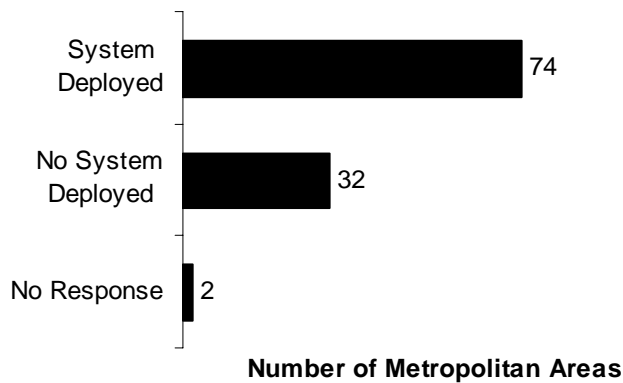
Number of Metropolitan Areas
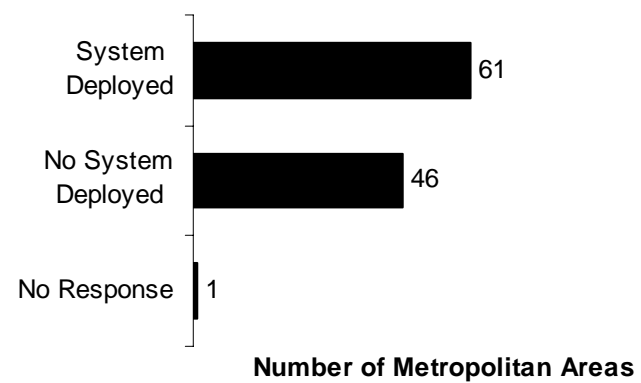
INCIDENT MANAGEMENT SYSTEMS

MOBILIZATION & RESPONSE

AVL/CAD

Question: Do emergency responders use AVL/CAD to assist in locating and assigning appropriate responders to incidents?
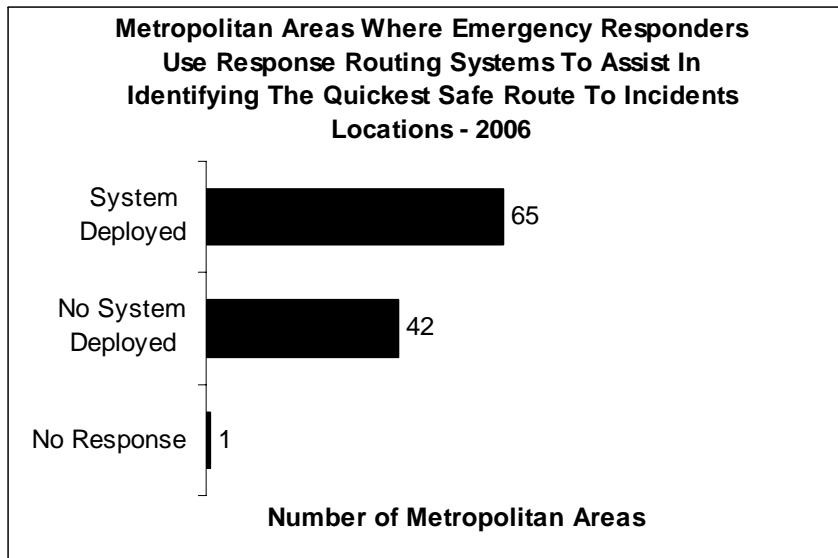
**Metropolitan Areas Where Emergency Responders
Use AVL/CAD To Assist In Locating And Assigning
Appropriate Responders To Incidents - 2006**

	Number of Metropolitan Areas
System Deployed	98
No System Deployed	9
No Response	1
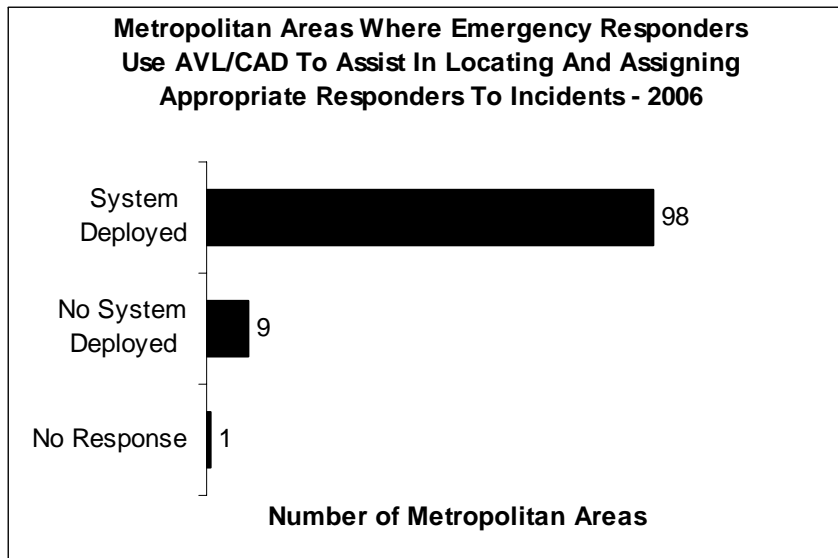
INCIDENT MANAGEMENT SYSTEMS

MOBILIZATION & RESPONSE

RESPONSE ROUTING

Question: Do emergency responders use response routing systems to assist in identifying the quickest safe route to incident locations?

Metropolitan Areas Where Emergency Responders Use Response Routing Systems To Assist In Identifying The Quickest Safe Route To Incidents Locations - 2006

Category	Number of Metropolitan Areas
System Deployed	65
No System Deployed	42
No Response	1

Number of Metropolitan Areas

INCIDENT MANAGEMENT SYSTEMS

MOBILIZATION & RESPONSE

MOTORIST ASSISTANCE PATROLS

Question: Total number of centerline miles patrolled by the service patrols.

Percent Of Freeway Centerline Miles Covered By Motorist Assistance Patrols - 2006

Percent Coverage

Category	Number of Metropolitan Areas
76% to 100%	24
51% to 75%	21
26% to 50%	20
1% to 25%	8
0	21
No Response	14

Number of Metropolitan Areas
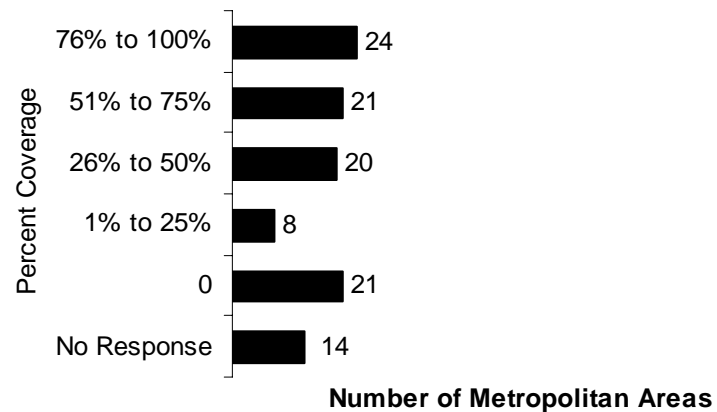
Percent Of Arterial Centerline Miles Covered By Motorist Assistance Patrols - 2006
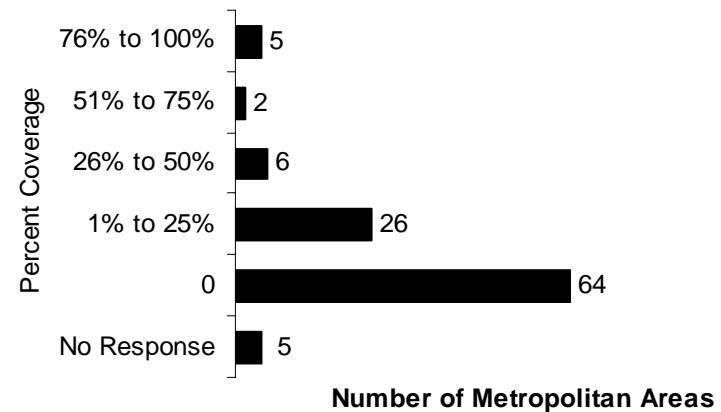
Percent Coverage

Category	Number of Metropolitan Areas
76% to 100%	5
51% to 75%	2
26% to 50%	6
1% to 25%	26
0	64
No Response	5

Number of Metropolitan Areas

INCIDENT MANAGEMENT SYSTEMS

INFORMATION DISSEMINATION

DYNAMIC MESSAGE SIGNS

Question: Does your agency use Dynamic Message Signs (DMS) to broadcast freeway/arterial incident information?

Metropolitan Areas That Use Dynamic Message Signs (DMS) To Broadcast Freeway Incident Information - 2006
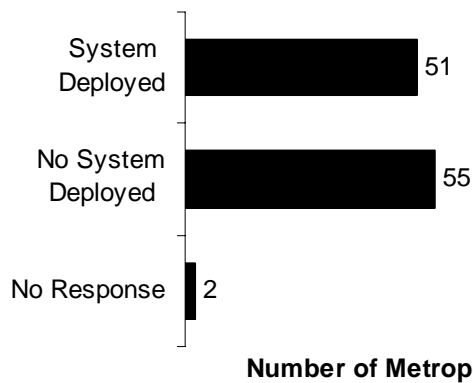
	Number of Metropolitan Areas
System Deployed	89
No System Deployed	17
No Response	2

Metropolitan Areas That Use Dynamic Message Signs (DMS) To Broadcast Arterial Incident Information - 2006
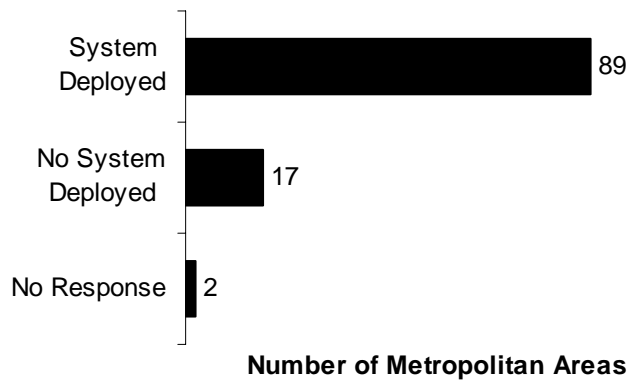
	Number of Metropolitan Areas
System Deployed	54
No System Deployed	53
No Response	1
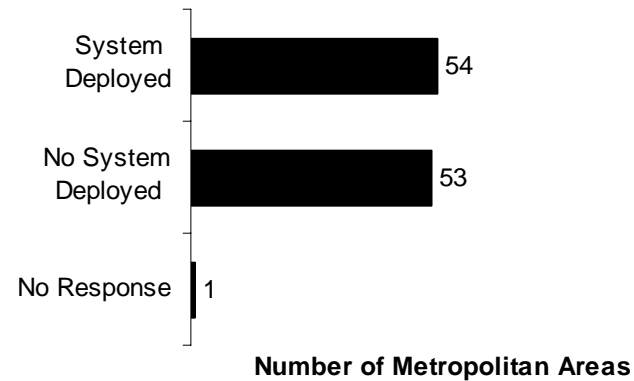
INCIDENT MANAGEMENT SYSTEMS

INFORMATION DISSEMINATION

HIGHWAY ADVISORY RADIO

Question: Does your agency use Highway Advisory Radio (HAR) to broadcast freeway/arterial incident information?

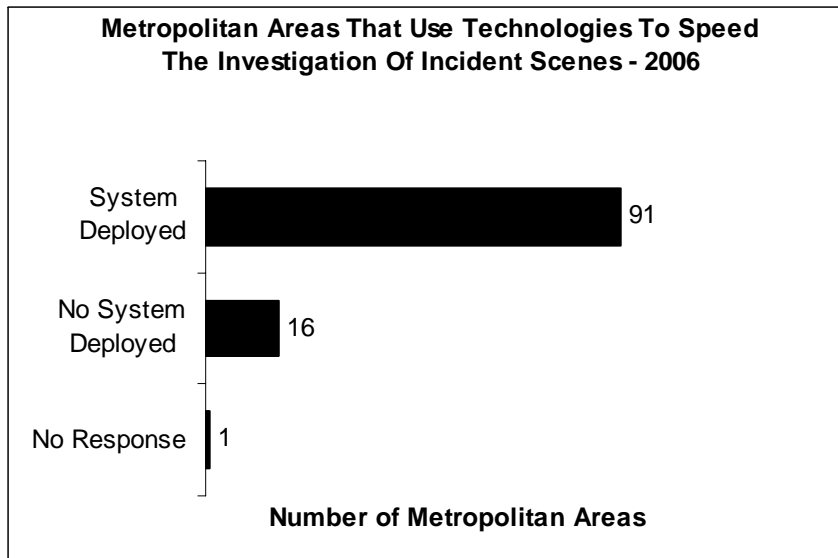### Metropolitan Areas That Use Highway Advisory Radio (HAR) To Broadcast Freeway Incident Information - 2006

Category	Number of Metropolitan Areas
System Deployed	51
No System Deployed	55
No Response	2

Metropolitan Areas That Use Highway Advisory Radio (HAR) To Broadcast Arterial Incident Information - 2006

Category	Number of Metropolitan Areas
System Deployed	24
No System Deployed	83
No Response	1
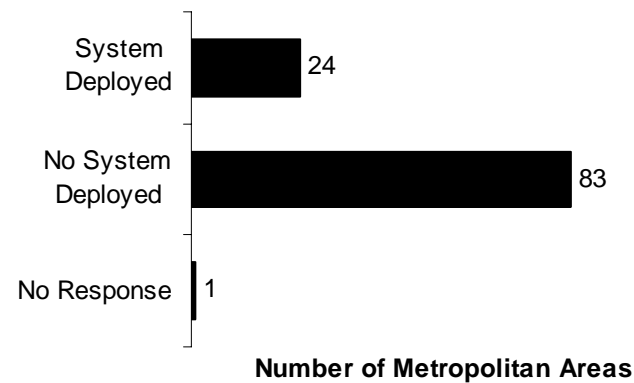
INCIDENT MANAGEMENT SYSTEMS

CLEARANCE & RECOVERY

INVESTIGATION

Question: Does you agency use technologies (e.g., total station, surveying equipment, laser, close range photogrammetry, or forensic mapping) to speed the investigation of incident scenes?
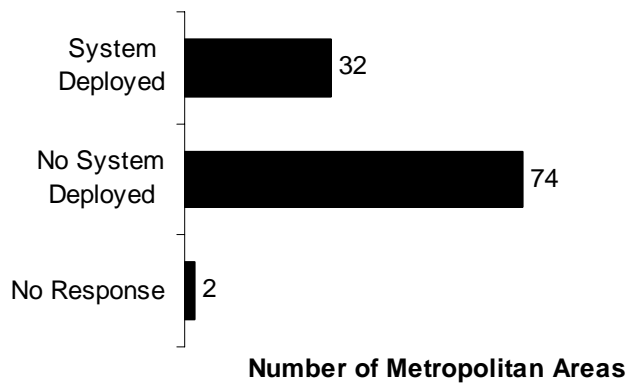
Metropolitan Areas That Use Technologies To Speed The Investigation Of Incident Scenes - 2006

Category	Number of Metropolitan Areas
System Deployed	91
No System Deployed	16
No Response	1

Number of Metropolitan Areas

INCIDENT MANAGEMENT SYSTEMS

CLEARANCE & RECOVERY

VIDEO

Question: Does your agency use video imaging to assist with data collection at freeway incident scenes to speed the reopening of travel lanes?

Metropolitan Areas That Use Video Imaging To Assist With Data Collection At Freeway Incident Scenes To Speed The Reopening Of Travel Lanes - 2006

Category	Number of Metropolitan Areas
System Deployed	32
No System Deployed	74
No Response	2

Metropolitan Areas That Use Video Imaging To Assist With Data Collection At Arterial Incident Scenes To Speed The Reopening Of Travel Lanes - 2006

Category	Number of Metropolitan Areas
System Deployed	37
No System Deployed	70
No Response	1
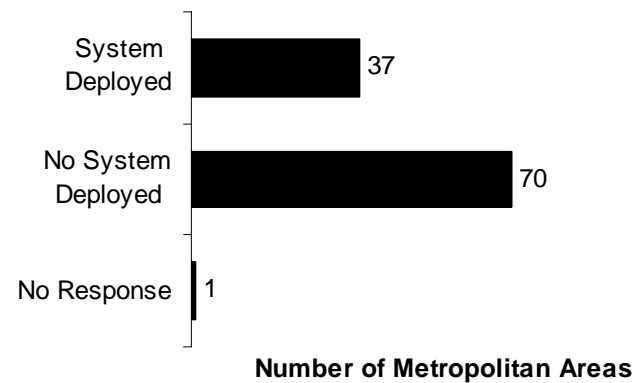
INCIDENT MANAGEMENT SYSTEMS

CLEARANCE & RECOVERY

TEMPORARY TRAFFIC CONTROL

Question: Does your agency deploy temporary traffic control devices, such as portable message signs and lane control signs, to help ensure the safety of freeway incident scenes?

Metropolitan Areas That Deploy Temporary Traffic Control Devices To Help Ensure The Safety Of Freeway Incident Scenes - 2006
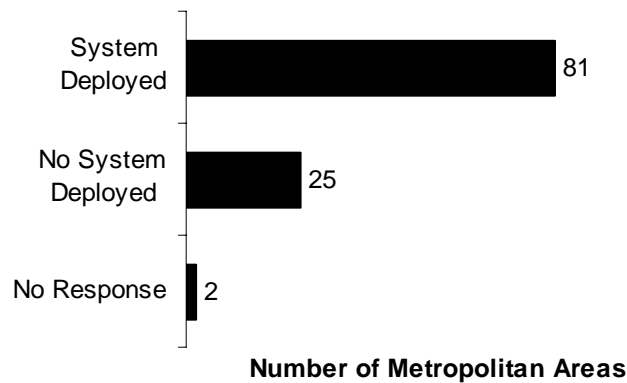
Category	Value
System Deployed	81
No System Deployed	25
No Response	2

Number of Metropolitan Areas

Metropolitan Areas That Deploy Temporary Traffic Control Devices To Help Ensure The Safety Of Arterial Incident Scenes - 2006

Category	Value
System Deployed	78
No System Deployed	29
No Response	1

Number of Metropolitan Areas
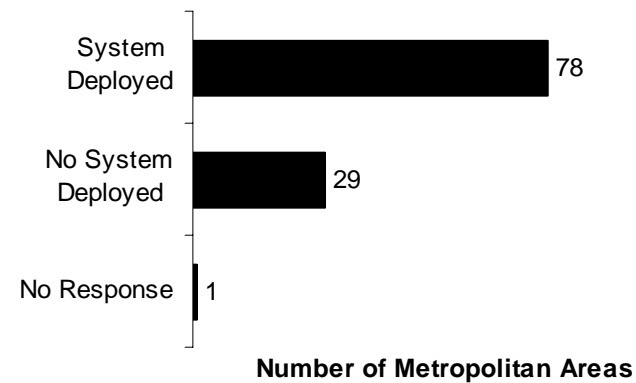
EMERGENCY MANAGEMENT SYSTEMS

HAZARDOUS MATERIALS MANAGEMENT

TRACKING

Question: Does your agency employ vehicle-mounted hardware to track HAZMAT shipment to detect when a shipment deviates from its intended route?

Metropolitan Areas That Employ Vehicle Mounted Hardware To Track HAZMAT Shipment To Detect When A Shipment Deviates From Its Intended Route - 2006

Category	Number of Metropolitan Areas
System Deployed	5
No System Deployed	102
No Response	1

Number of Metropolitan Areas

Metropolitan Areas That Employ Vehicle-Mounted Hardware To Track HAZMAT Shipment To Detect When a Shipment Deviates from Its Intended Route
Boston, Lawrence, Salem
Dayton, Springfield
New York, Northern New Jersey, Southwestern Connecticut
Orlando
Tucson

EMERGENCY MANAGEMENT SYSTEMS

HAZARDOUS MATERIALS MANAGEMENT

DETECTION

Question: Does your agency employ roadside detectors to monitor for the presence of hazardous shipments in sensitive areas?

**Metropolitan Areas That Employ Roadside Detectors To Monitor For The Presence Of Hazardous Shipments In Sensitive Areas - 2006**
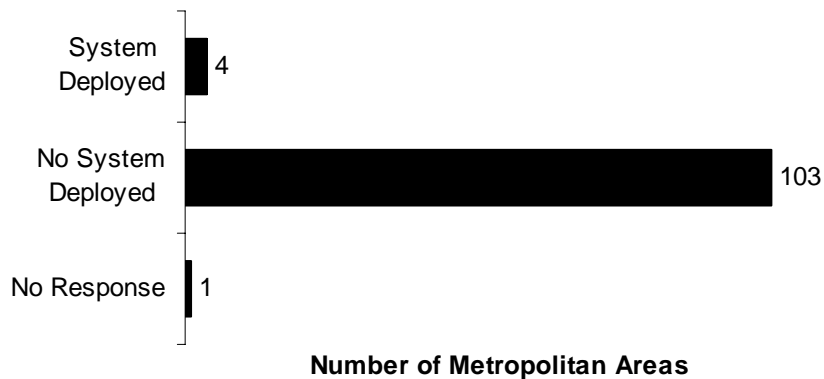
Category	Number of Metropolitan Areas
System Deployed	4
No System Deployed	103
No Response	1

Number of Metropolitan Areas

Metropolitan Areas That Employ Roadside Detectors To Monitor For The Presence Of Hazardous Shipments In Sensitive Areas
Austin
Charlotte, Gastonia, Rock Hill
Miami, Fort Lauderdale
Nashville

EMERGENCY MANAGEMENT SYSTEMS

HAZARDOUS MATERIALS MANAGEMENT

DRIVER AUTHENTICATION

Question: Does your agency employ driver authentication technology to confirm that the individual operating a HAZMAT vehicle is authorized to do so?
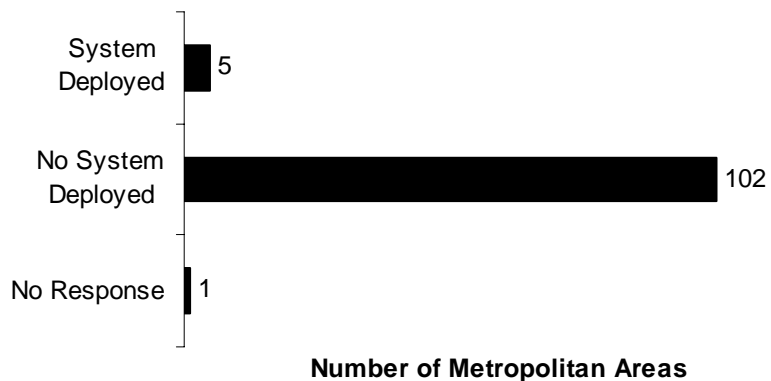
Metropolitan Areas That Employ Roadside Driver Authentification Technology To Confirm That the Individual Operating A HAZMAT Vehicle Is Authorized To Do So - 2006

Category	Value
System Deployed	24
No System Deployed	83
No Response	1

Number of Metropolitan Areas
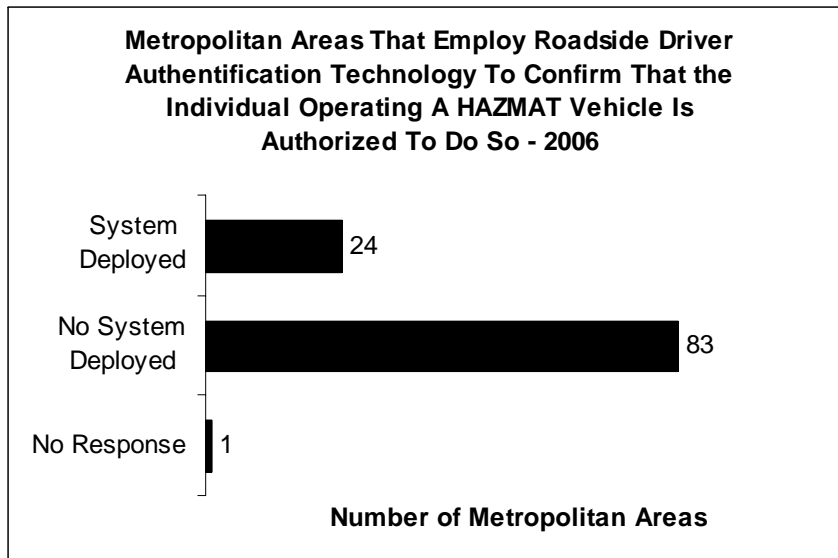
EMERGENCY MANAGEMENT SYSTEMS

HAZARDOUS MATERIALS MANAGEMENT

ROUTE PLANNING

Question: Does your agency employ technology to provide assistance to commercial vehicle operators via electronic route planning services?

Metropolitan Areas That Employ Technology To Provide Assistance To Commercial Vehicle Operators Via Electronic Route Planning Services - 2006
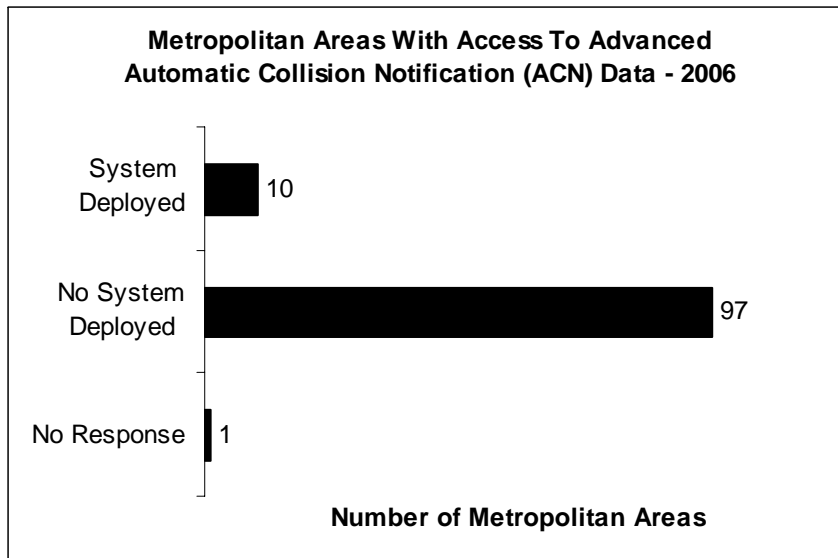
Category	Number of Metropolitan Areas
System Deployed	5
No System Deployed	102
No Response	1

Number of Metropolitan Areas

Metropolitan Areas That Employ Technology To Provide Assistance To Commercial Vehicle Operators Via Electronic Route Planning Services
Boston, Lawrence, Salem
Cincinnati, Hamilton
Dayton, Springfield
Orlando
Tampa, St. Petersburg, Clearwater

EMERGENCY MANAGEMENT SYSTEMS

EMERGENCY MEDICAL SERVICES

ADVANCED ACN

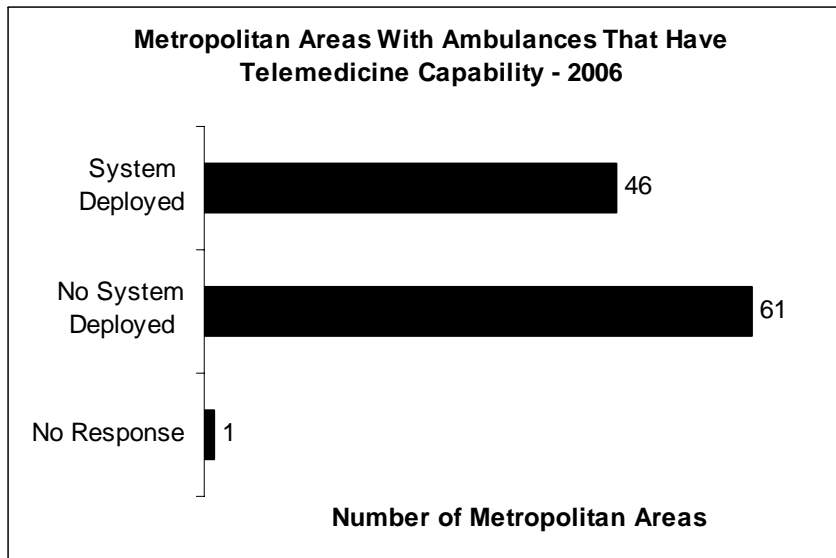**Question**: Does your agency have access to Advanced Automatic Collision Notification data?

Metropolitan Areas With Access To Advanced Automatic Collision Notification (ACN) Data - 2006

Category	Number of Metropolitan Areas
System Deployed	10
No System Deployed	97
No Response	1

Number of Metropolitan Areas

EMERGENCY MANAGEMENT SYSTEMS

EMERGENCY MEDICAL SERVICES

TELEMEDICINE

Question: Do your ambulances have telemedicine capability?

Metropolitan Areas With Ambulances That Have Telemedicine Capability - 2006

Category	Number of Metropolitan Areas
System Deployed	46
No System Deployed	61
No Response	1

Number of Metropolitan Areas

EMERGENCY MANAGEMENT SYSTEMS

RESPONSE & RECOVERY

EARLY WARNING SYSTEM

Question: Does your agency monitor early warning alerting and advisory systems to identify emergencies?

Metropolitan Areas That Monitor Early Warning Alerting And Advisory Systems To Identify Emergenices - 2006

Category	Number of Metropolitan Areas
System Deployed	101
No System Deployed	6
No Response	1

Number of Metropolitan Areas
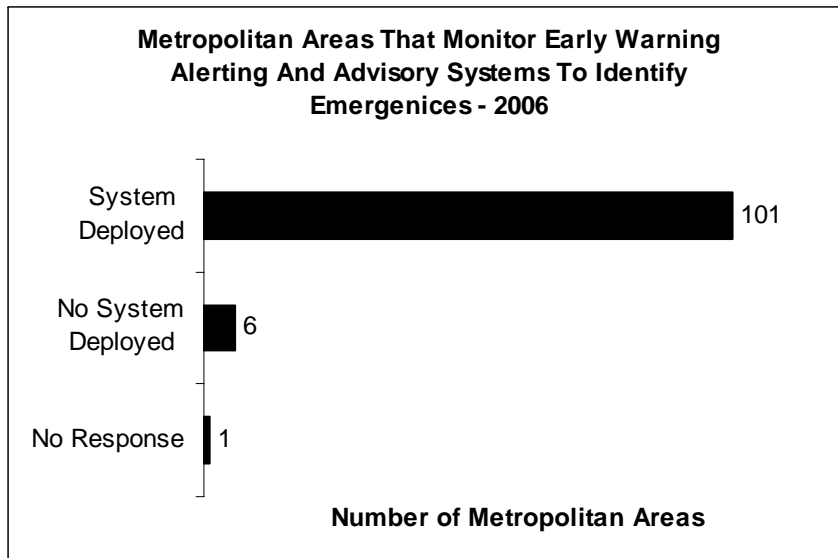
EMERGENCY MANAGEMENT SYSTEMS

RESPONSE & RECOVERY

RESPONSE MANAGEMENT

Question: Do emergency responders use AVL/CAD or response routing systems to assist in locating and assigning appropriate responders or assist in identifying the quickest safest route to incidents?

Metropolitan Areas That Use Response Management Systems To Assist Responders In Emergency Situations - 2006

Category	Value
System Deployed	98
No System Deployed	9
No Response	1

Number of Metropolitan Areas
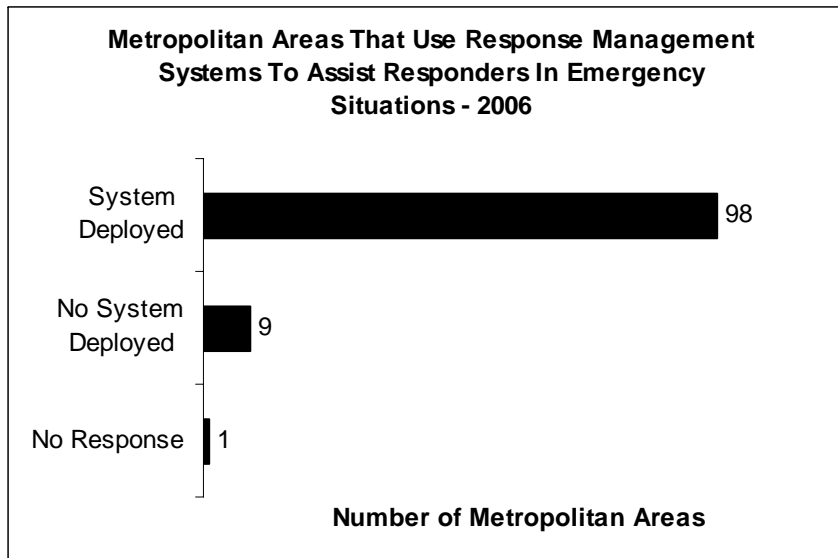
EMERGENCY MANAGEMENT SYSTEMS

RESPONSE & RECOVERY

EVACUATION AND RE-ENTRY MANAGEMENT

Question: Does your agency use integrated ITS and communications technology to coordinate evacuation management with different agencies, including traffic management and transit?

Metropolitan Areas That Use Integrated ITS And Communications Technology To Coordinate Evacuation Management With Different Agencies - 2006

Category	Number of Metropolitan Areas
System Deployed	84
No System Deployed	23
No Response	1

Number of Metropolitan Areas
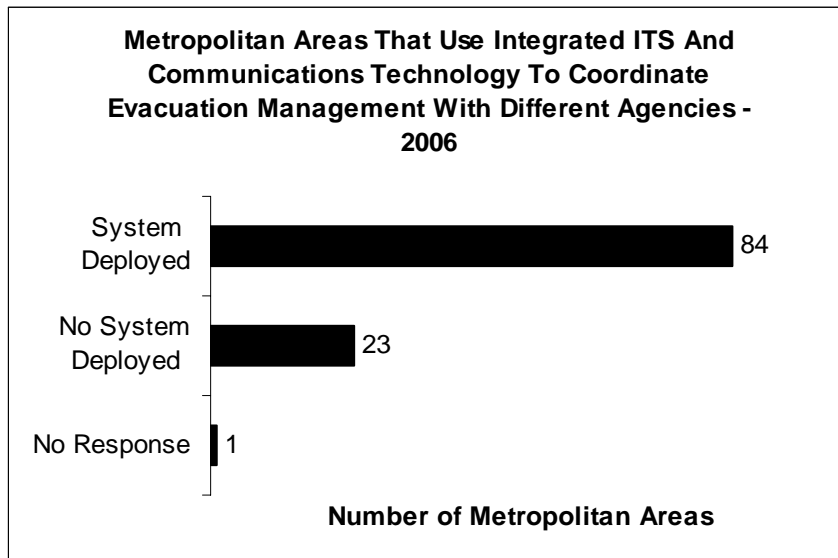
EMERGENCY MANAGEMENT SYSTEMS

RESPONSE & RECOVERY

EMERGENCY TRAVELER INFORMATION

Question: Does your agency have a dedicated emergency traveler information system?

**Metropolitan Areas That Have A Dedicated
Emergency Traveler Information System - 2006**

Category	Number
System Deployed	37
No System Deployed	70
No Response	1

Number of Metropolitan Areas
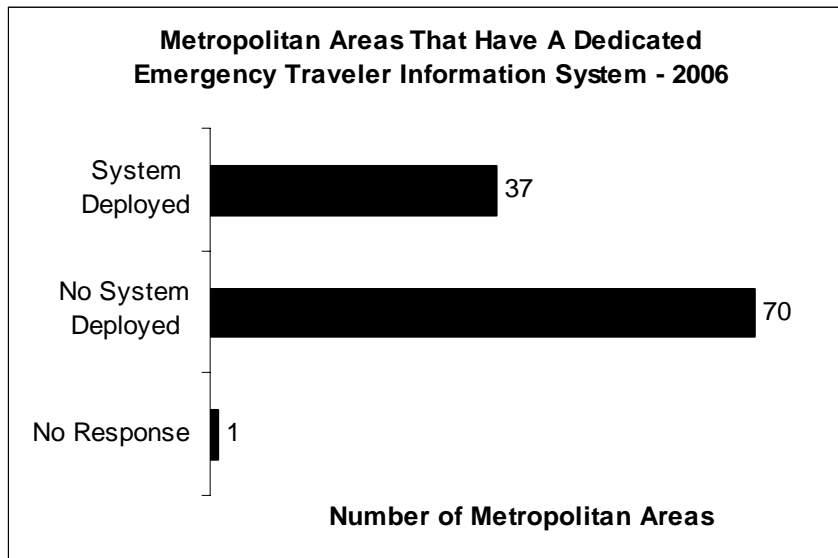
ELECTRONIC PAYMENT SYSTEMS

TOLL COLLECTION

Question 1: Total number of toll collection plazas with Electronic Toll Collection capabilities.

Question 2: Total number of toll collection lanes with Electronic Toll Collection capabilities.

Question 1: Percent Of Toll Collection Plazas With Electronic Toll Collection Capabilities - 2006

Percent Coverage	Number of Metropolitan Areas
76% to 100%	23
51% to 75%	0
26% to 50%	1
1% to 25%	0
0	3
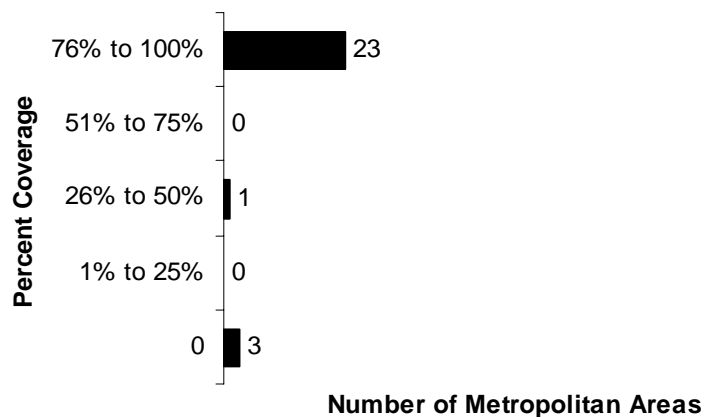
Question 2: Percent Of Toll Collection Lanes With Electronic Toll Collection Capabilities - 2006

Percent Coverage	Number of Metropolitan Areas
76% to 100%	20
51% to 75%	3
26% to 50%	1
1% to 25%	0
0	3
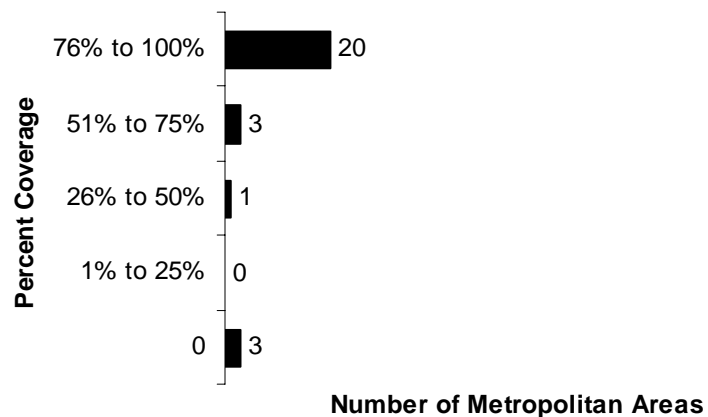
ELECTRONIC PAYMENT SYSTEMS

TRANSIT FARE PAYMENT

Question: Number of Vehicles/Stations that your agency has equipped with Magnetic Stripe Readers and Smart Card Readers.

Metropolitan Areas That Use Magnetic Stripe Readers On Vehicles/Stations For Transit Fare Payment - 2006
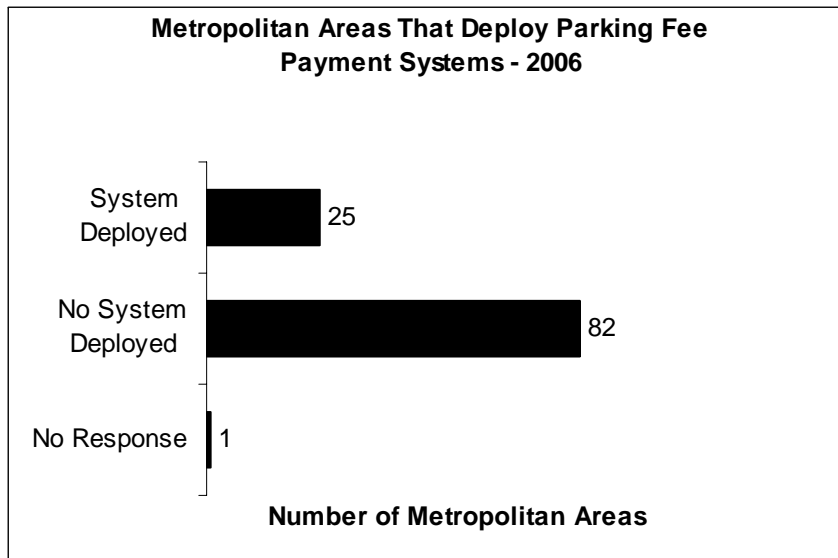
Type of Vehicle/Stations	Number of Metropolitan Areas
Heavy or Rapid Rail Stations	10
Demand Responsive Vehicles	19
Fixed Route Buses	66
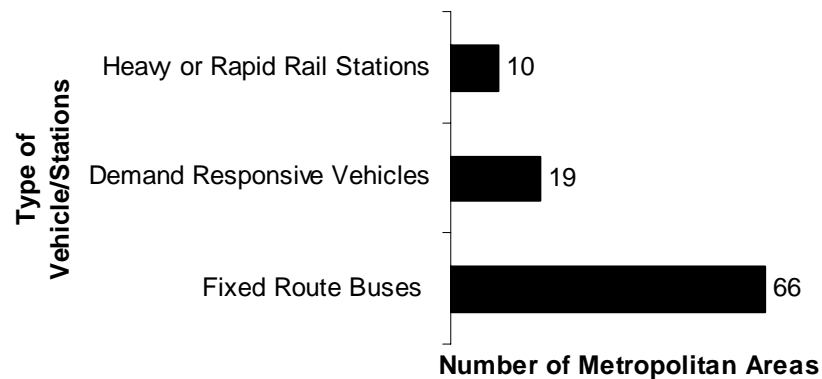
Metropolitan Areas That Use Smart Card Readers On Vehicles/Stations For Transit Fare Payment - 2006

Type of Vehicle/Stations	Number of Metropolitan Areas
Heavy or Rapid Rail Stations	7
Demand Responsive Vehicles	2
Fixed Route Buses	22
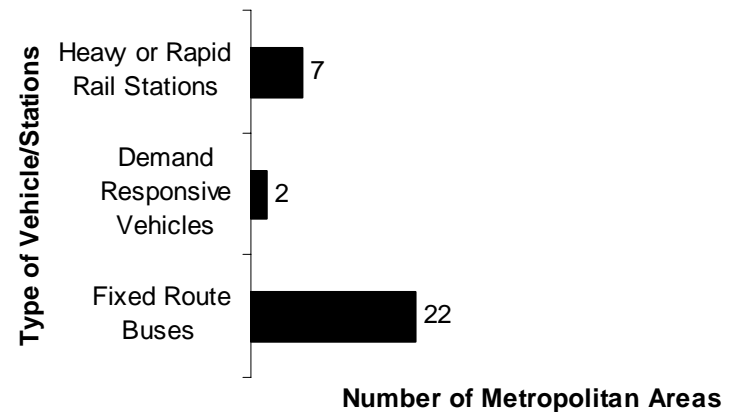
ELECTRONIC PAYMENT SYSTEMS

PARKING FEE PAYMENT

Question: Does your agency deploy parking fee payment systems to simplify payment for customers and reduce congestion at exits to parking facilities?

Metropolitan Areas That Deploy Parking Fee Payment Systems - 2006

Category	Number of Metropolitan Areas
System Deployed	25
No System Deployed	82
No Response	1

Number of Metropolitan Areas

ELECTRONIC PAYMENT SYSTEMS

MULTI-USE PAYMENT

Question: Does your agency use the same electronic fare payment system as another Transit agency in your metropolitan area?

Metropolitan Areas That Use The Same Electronic Fare Payment As Another Transit Agency - 2006

Category	Number of Metropolitan Areas
System Deployed	29
No System Deployed	72
No Response	7

Number of Metropolitan Areas
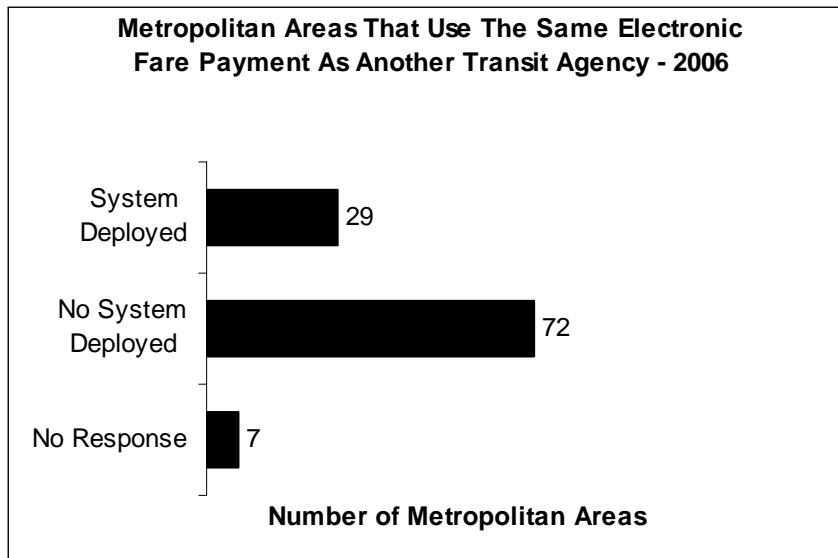
TRAVELER INFORMATION

PRE-TRIP INFORMATION

INTERNET/WIRELESS

Question: Does your agency use Internet or wireless systems to distribute pre-trip traveler information?

Metropolitan Areas That Use Internet Or Wireless Systems To Distribute Pre-Trip Traveler Information On Freeways - 2006

Category	Number of Metropolitan Areas
System Deployed	72
No System Deployed	34
No Response	2

Number of Metropolitan Areas

Metropolitan Areas That Use Internet Or Wireless Systems To Distribute Pre-Trip Traveler Information On Arterials - 2006

Category	Number of Metropolitan Areas
System Deployed	52
No System Deployed	55
No Response	1

Number of Metropolitan Areas

TRAVELER INFORMATION

PRE-TRIP INFORMATION

511

Question: Does your agency use 511 to distribute pre-trip traveler information?

Metropolitan Areas That Use 511 To Distribute Pre-Trip Traveler Information On Freeways - 2006

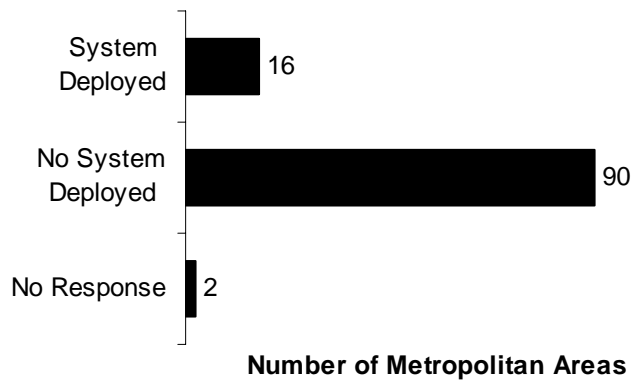| Category	Number of Metropolitan Areas
System Deployed	39
No System Deployed	67
No Response	2

Metropolitan Areas That Use 511 To Distribute Pre-Trip Traveler Information On Arterials - 2006

Category	Number of Metropolitan Areas
System Deployed	25
No System Deployed	82
No Response	1

TRAVELER INFORMATION

PRE-TRIP INFORMATION

OTHER TELEPHONE

Question: Does your agency use Other (non-511) telephone systems to distribute pre-trip traveler information?

Metropolitan Areas That Use Other (Non-511) Telephone Systems To Distribute Pre-Trip Traveler Information On Freeways - 2006

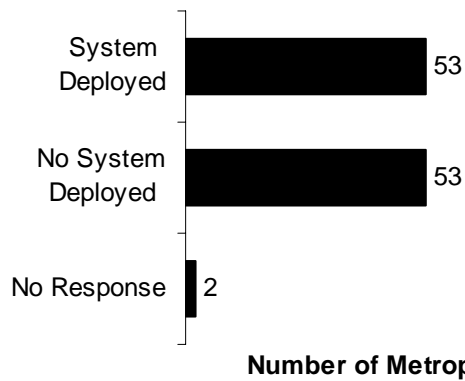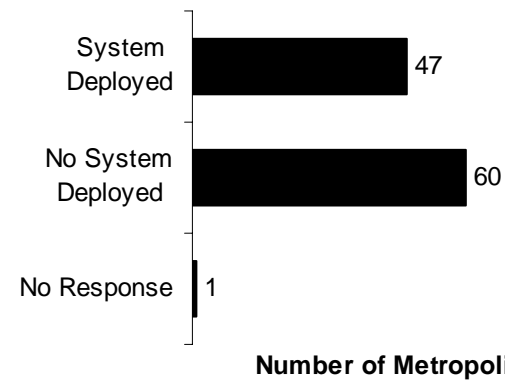|	Number of Metropolitan Areas
System Deployed	16
No System Deployed	90
No Response	2

Metropolitan Areas That Use Other (Non-511) Telephone Systems To Distribute Pre-Trip Traveler Information On Arterials - 2006

	Number of Metropolitan Areas
System Deployed	6
No System Deployed	101
No Response	1

TRAVELER INFORMATION

PRE-TRIP INFORMATION

TV/RADIO

Question: Does your agency use TV/Radio to distribute pre-trip traveler information?

Metropolitan Areas That Use TV/Radio To Distribute Pre-Trip Traveler Information On Freeways - 2006

| Category	Number of Metropolitan Areas
System Deployed	53
No System Deployed	53
No Response	2

Number of Metropolitan Areas

Metropolitan Areas That Use TV/Radio To Distribute Pre-Trip Traveler Information On Arterials - 2006

Category	Number of Metropolitan Areas
System Deployed	47
No System Deployed	60
No Response	1

Number of Metropolitan Areas

TRAVELER INFORMATION

PRE-TRIP INFORMATION

KIOSKS

Question: Does your agency use Kiosk to distribute pre-trip traveler information?

Metropolitan Areas That Use Kiosks To Distribute Pre-Trip Traveler Information On Freeways - 2006

- System Deployed: 11
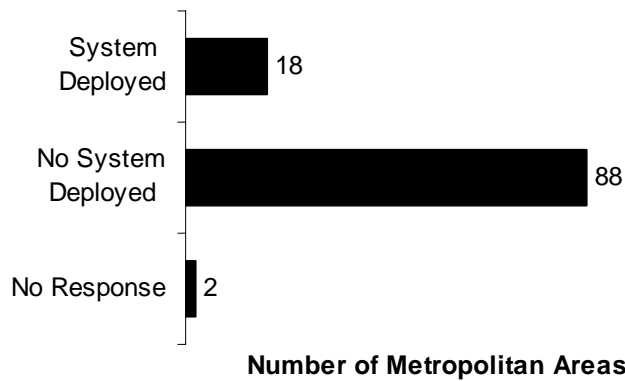- No System Deployed: 95
- No Response: 2

Number of Metropolitan Areas

Metropolitan Areas That Use Kiosks To Distribute Pre-Trip Traveler Information On Arterials - 2006

- System Deployed: 11
- No System Deployed: 96
- No Response: 1
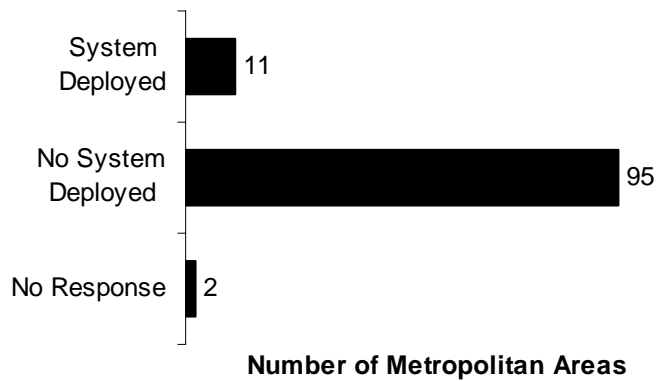
Number of Metropolitan Areas
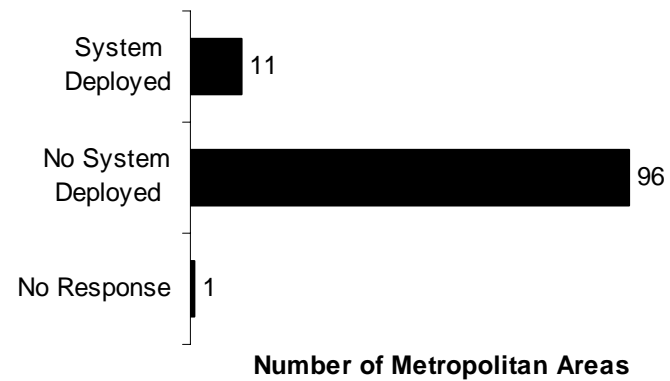
TRAVELER INFORMATION

EN-ROUTE INFORMATION

WIRELESS

Question: Does your agency use Wireless Systems to distribute en-route traveler information?

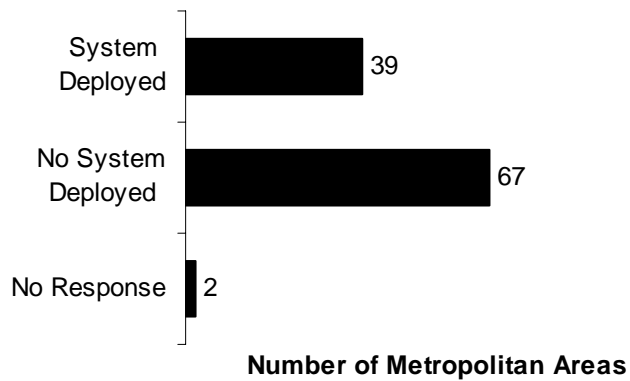### Metropolitan Areas That Use Wireless Systems To Distribute En-Route Traveler Information On Freeways - 2006

- System Deployed: 18
- No System Deployed: 88
- No Response: 2

Number of Metropolitan Areas

Metropolitan Areas That Use Wireless Systems To Distribute En-Route Traveler Information On Arterials - 2006

- System Deployed: 4
- No System Deployed: 103
- No Response: 1

Number of Metropolitan Areas

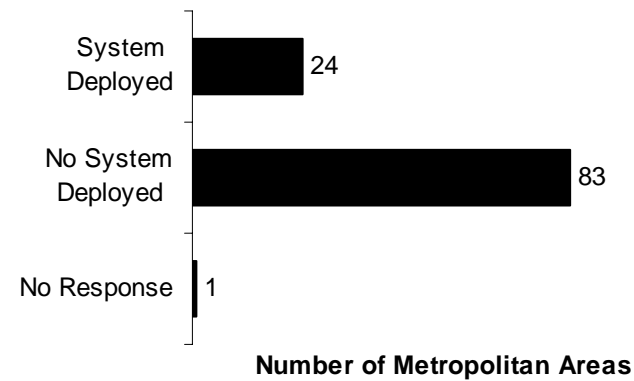# TRAVELER INFORMATION

EN-ROUTE INFORMATION

511

Question: Does your agency use 511 to distribute en-route traveler information?

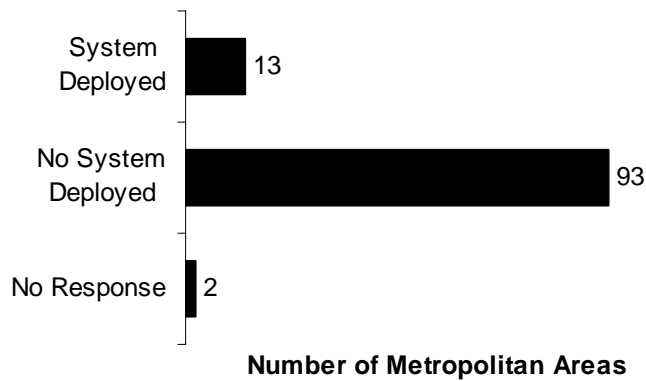**Metropolitan Areas That Use 511 To Distribute En-Route Traveler Information On Freeways - 2006**

Category	Number of Metropolitan Areas
System Deployed	39
No System Deployed	67
No Response	2

Metropolitan Areas That Use 511 To Distribute En-Route Traveler Information On Arterials - 2006

Category	Number of Metropolitan Areas
System Deployed	24
No System Deployed	83
No Response	1

TRAVELER INFORMATION
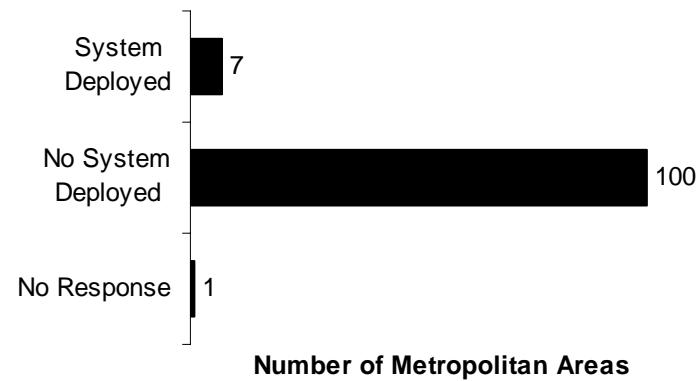
EN-ROUTE INFORMATION

OTHER TELEPHONE

Question: Does your agency use Other (non-511) telephone systems to distribute en-route traveler information?

Metropolitan Areas That Use Other (Non-511) Telephone Systems To Distribute En-Route Traveler Information On Freeways - 2006

System Deployed: 13

No System Deployed: 93

No Response: 2

Number of Metropolitan Areas

Metropolitan Areas That Use Other (Non-511) Telephone Systems To Distribute En-Route Traveler Information On Arterials - 2006
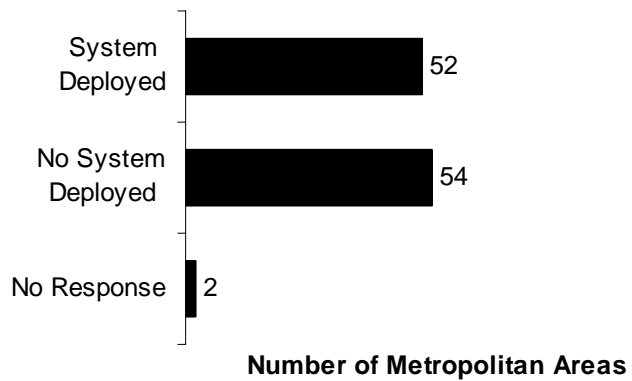
System Deployed: 7

No System Deployed: 100

No Response: 1

Number of Metropolitan Areas

TRAVELER INFORMATION
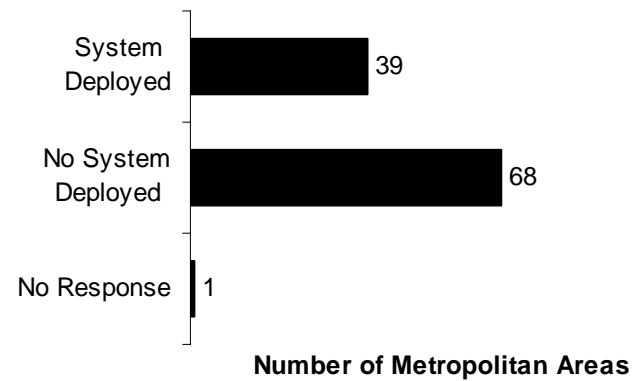
EN-ROUTE INFORMATION

RADIO

Question: Does your agency use Radio to distribute en-route traveler information?

Metropolitan Areas That Use Radio To Distribute En-Route Traveler Information On Freeways - 2006

Category	Number of Metropolitan Areas
System Deployed	52
No System Deployed	54
No Response	2

Number of Metropolitan Areas

Metropolitan Areas That Use Radio To Distribute En-Route Traveler Information On Arterials - 2006

| Category	Number of Metropolitan Areas
System Deployed	39
No System Deployed	68
No Response	1

Number of Metropolitan Areas

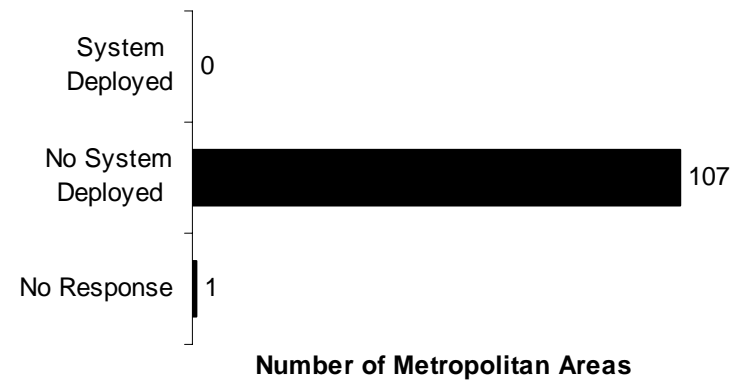# TRAVELER INFORMATION

EN-ROUTE INFORMATION

IN-VEHICLE SYSTEMS

Question: Does your agency use In-vehicle systems to distribute en-route traveler information?

Metropolitan Areas That Use In-Vehicle Systems To Distribute En-Route Traveler Information On Freeways - 2006

System Deployed — 2

No System Deployed — 104

No Response — 2

Number of Metropolitan Areas

Metropolitan Areas That Use In-Vehicle Systems To Distribute En-Route Traveler Information On Arterials - 2006

System Deployed — 0

No System Deployed — 107

No Response — 1
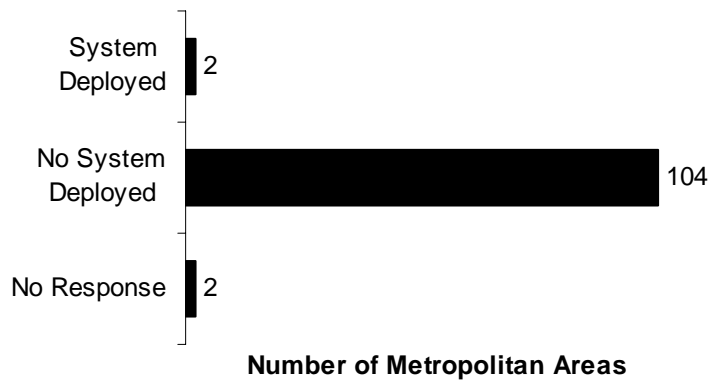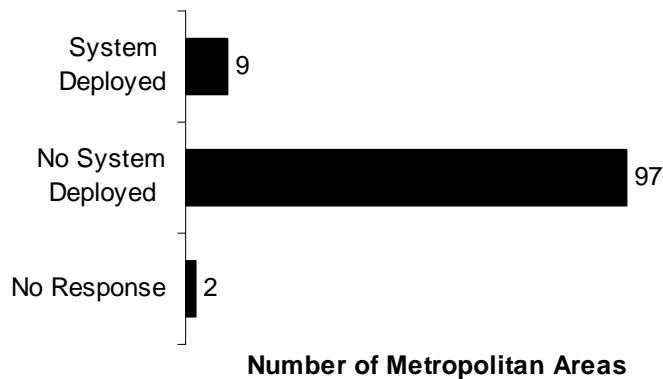
Number of Metropolitan Areas

TRAVELER INFORMATION

TOURISM & EVENTS

TRAVEL SERVICES

Question: Does your agency deploy tourism information traveler systems that focus on the needs (i.e., electronic yellow pages, incorporating lodging reservations systems and directions to points of interest) of travelers in areas unfamiliar to them?

Metropolitan Areas That Deploy Tourism Information Traveler Systems That Focus On The Needs Of Travelers In Areas Unfamiliar To Them - 2006

Category	Number
System Deployed	9
No System Deployed	97
No Response	2

Number of Metropolitan Areas

Metropolitan Areas That Deploy Tourism Information Traveler Systems

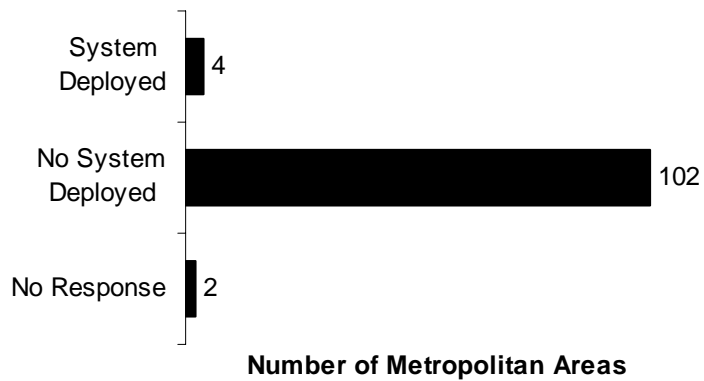| Metropolitan Areas That Deploy Tourism Information Traveler Systems |
|---|
| Allentown, Bethlehem, Easton |
| Cleveland, Akron, Lorain |
| Harrisburg, Lebanon, Carlisle |
| Omaha |
| Philadelphia, Wilmington, Trenton |
| Pittsburgh, Beaver Valley |
| Providence, Pawtucket, Fall River |
| Scranton, Wilkes-Barre |
| Washington |

TRAVELER INFORMATION

TOURISM & EVENTS

ADVANCED PARKING

Question: Does your agency deploy parking management systems that provide availability status and directional guidance posted on dynamic message signs at major tourism destinations?

Metropolitan Areas That Deploy Parking Management Systems That Provide Availability Status and Directional Guidance - 2006

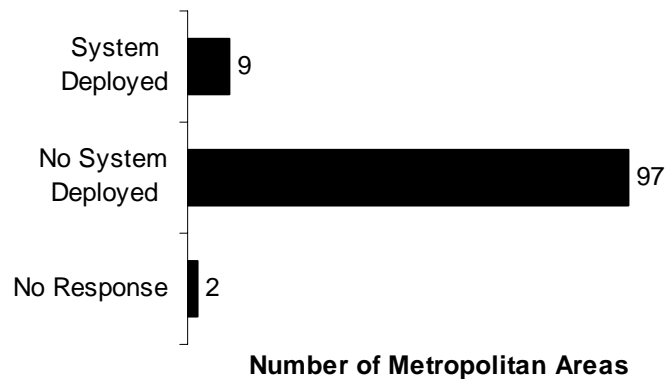| Metropolitan Areas That Deploy Parking Management Systems That Provide Availability Status And Directional Guidance - 2006 |
| --- |
| Chicago, Gary, Lake County |
| Daytona Beach |
| Harrisburg, Lebanon, Carlisle |
| Orlando |

TRAVELER INFORMATION

TOURISM & EVENTS

ELECTRONIC PAYMENT

Question: Does your agency deploy electronic payment systems (i.e., magnetic stripe cards, smart cards, or similar technologies) to facilitate traveler's payment for travel and other services at tourist destinations?

Metropolitan Areas That Deploy Electronic Payments Systems To Facilitate Traveler's Payment For Travel And Other Services At Tourist Destinations - 2006

Category	Number
System Deployed	9
No System Deployed	97
No Response	2

Number of Metropolitan Areas

Metropolitan Areas That Deploy Electronic Payment Systems
Allentown, Bethlehem, Easton
Chicago, Gary, Lake County
Cleveland, Akron, Lorain
Harrisburg, Lebanon, Carlisle
Miami, Fort Lauderdale
Philadelphia, Wilmington, Trenton
Pittsburgh, Beaver Valley
Scranton, Wilkes-Barre
Toledo