

2005
Annual Report
to the General Assembly

Concerning
Enhanced 9-1-1
Emergency Telephone Service

State of Connecticut
Department of Public Safety
Division of Fire, Emergency and Building Services
Office of Statewide Emergency Telecommunications

February 15, 2006

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INTRODUCTION AND EXECUTIVE SUMMARY

To Honorable Members of the General Assembly:

In compliance with Section 28-29b of the Connecticut General Statutes, the Office of Statewide Emergency Telecommunications (OSET) of the Department of Public Safety hereby submits the annual report concerning Enhanced 9-1-1 emergency telephone service to the General Assembly of the State of Connecticut.

This report details the activities relating to Enhanced 9-1-1 (E9-1-1) emergency telephone service during the calendar year 2005 and the activity anticipated for the ensuing year.

As the demands and responsibilities of providing 9-1-1 service have increased, so have the activities of OSET, public safety answering points (PSAPs) and telephone service providers. The challenge of complying with federal mandates regarding the location of cellular 9-1-1 calls has been met. All Connecticut public safety-answering points receive location information from all Connecticut based cellular carriers. The challenge to provide an accurate map product continues. OSET has instituted an aggressive program to identify map changes in response to their need.

A summary of activities is provided below:

E9-1-1 Commission – The Commission has been addressing issues related to the implementation of regulations that will provide for increased funding for Cities and Regional Emergency Telecommunications Centers, PSAP personnel training, capital improvements and technological advances including a new Data Net.

9-1-1 Calls – During the calendar year 2005, Connecticut's 107 Public Safety Answering Points processed a total of 2,615,723 calls. Of the 2,615,723 calls 62.4% (1,633,363) were wireless calls. The call count report Appendix D, is attached.

Emergency Medical Service (EMS) – Public Act 00-151, requires PSAPs to submit quarterly reports regarding response time for requests for emergency medical service. The percent of PSAPs complying with this mandate ranged from a low of 57.01% in the 4th quarter to a high of 65.42% in the second quarter.

Emergency Medical Dispatch (EMD) – Public Act 00-151 also requires PSAPS to provide or arrange for EMD to 9-1-1 calls. EMD refers to pre-arrival instruction given by the 9-1-1 dispatcher to the 9-1-1 callers. All municipal and regional PSAPs have complied with this requirement.

Upgrading PSAP Workstations – OSET, in conjunction with a group representing public safety answering points, is in the process of preparing a request for information (RFI), to replace the current E9-1-1 operating software and expects to have this new platform purchased and installed in all PSAPs in 2007. This new equipment and technology will be capable of handling the changing needs and technological advances that have taken place over the past few years.

Mapping – OSET continues to work with the PSAPs, municipalities and Tele Atlas to develop a process for updating the street centerline data currently being provided to the State by Tele Atlas. Maintaining these maps is an ongoing process and OSET, in conjunction with the Department of Administrative Services, has developed job classes to address these geographic needs. It is expected that these positions will be filled in early 2006.

Wireless Carriers – In accordance with Federal Communications Commission (FCC) Docket 94-102, all wireless carriers in Connecticut had completed the implementation of Phase II Wireless Service in Connecticut by the end of 2004.

Wireless Phase II as required by the Federal Communications (FCC) Docket was implemented in Connecticut by June 2004. Phase II allows for wireless 9-1-1 calls to be routed to the appropriate PSAP based upon the cell sector coverage area of the antenna, which picks up the signal. The location of the caller is displayed on a map at the PSAP based upon latitude and longitude generated by the wireless carriers. FCC accuracy requirements for location information vary depending on the technology used by the wireless carrier.

The wireless carriers currently providing wireless service in Connecticut are: Alltel, Cingular Wireless, Sprint Nextel, T-Mobile and Verizon.

Wireline Carriers – SBC/AT&T serves as Connecticut's incumbent local exchange carrier (ILEC), as well as eight facility-based competitive local exchange carriers (CLECs). Facility-based CLECs own the equipment necessary to make telephone calls. They are required to report on network performance. Specifically, CLECs are required to update the E9-1-1 database with changes in their subscribers' records (e.g., name, address, telephone number changes) within two days of such change. Four CLECs complied with the requirement; only two CLECs reported that they had met the two-day requirement for each of the four calendar quarters.

Accuracy Testing – OSET staff completed accuracy testing of cell phone service providers to determine the accuracy of latitude/longitude coordinates given for phone calls. A detailed report on the results of the testing is attached, Appendix B. OSET will conduct another series of accuracy testing in 2006, after all carriers have taken corrective action.

Public Education – A public education group representing OSET and public safety answering points worked with the Connecticut Broadcaster's Association to develop three non-sustaining commercial announcements that were aired on both radio and television in an effort to educate

the public on the proper use of 9-1-1. The public education group is currently working on curriculum for school-age children to instruct them on appropriate use of 9-1-1.

Accessibility – Various local and state organizations as well as members of public safety answering points have formed a group dedicated to improving and raising awareness of 9-1-1 services for people with physical and emotional disabilities. This group has produced and published articles related to this issue and continues to find ways to improve services.

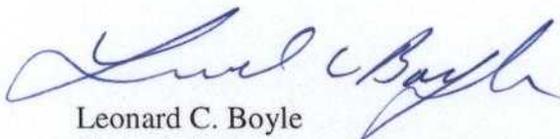
Public Safety Data Network – OSET has developed a scope of service document for the purpose of acquiring a detailed technical analysis of the feasibility of developing a statewide public safety data network. The goal of the network will be to connect all public safety providers/responders together for data exchange purposes.

E9-1-1 Surcharge – Every telephone customer pays a monthly surcharge on his or her telephone bill to underwrite the costs of 9-1-1 services. The Department of Public Utility Control sets the surcharge based upon cost and usage data provided by OSET. The current rates start at thirty-seven cents per line per month with a downward sliding scale for customers that have multiple lines. OSET is preparing its budget for the fiscal year 2006-2007 for submission to the Department of Public Utility Control in March 2006.

Budget – The estimate “Statewide Enhanced 9-1-1 Program” operating budget for the state fiscal year 2005-2006 is \$19,444,492.44. Carryover, interest and additional revenue from the previous fiscal year equaled \$2,745,412.94, which reduced the fiscal year 2005-2006 operating budget requirements to \$16,699,079.50. The budget is found in Appendix A.

VoIP – Voice Over Internet Protocol (VoIP) – OSET has worked with various VoIP providers to ensure 9-1-1 calls from VoIP telephone service subscribers are transmitted to the appropriate public safety answering point with location information. Emergency Service Query Keys (ESQKs) which are nondialable telephone numbers with an NNX of “211” have been assigned statewide on an emergency service zone (ESZ) basis to Vonage and to three E9-1-1 deployment facilitators, HBF, Intrado and TCS for their respective pools of VoIP Service Providers (VSPs).

I look forward to discussing the contents of this report with you.



Leonard C. Boyle
Commissioner

E9-1-1 Commission Members

The Governor, in accordance with Connecticut General States Section 28-29a, appoints the Enhanced 9-1-1 Commission to advise the Commissioner of the Department of Public Safety with respect to E9-1-1 activities.

The members of the Enhanced 9-1-1 Commission in 2005 were:

Chairman Ernest Herrick, representing the Volunteer Fire Service;

Chief Alfred Dudek Jr., representing the Municipal Fire Chiefs;

Richard Jackson, representing the Council of Small Towns;

Jeffrey Morrissette, the State Fire Administrator;

Donald Richardson, representing Wireless Services;

Gordon Shand, representing the Department of Public Health, Office of Emergency Medical Services;

Michael Stemmler, representing the Department of Public Safety, Connecticut State Police;

Jeffrey Vannais, representing E9-1-1 Public Safety Answering Points;

Lee Vincent, representing the Connecticut Conference of Municipalities;

Roy Piper, representing the Military Department, Office of Emergency Management;

Chief Paul Jakubson, representing the Municipal Police Chiefs

E9-1-1 Commission Meeting Schedule

All E9-1-1 Commission meetings are held quarterly on the first Friday of the month (holidays permitting) at the Department of Public Safety.

E9-1-1 Commission meetings were held in 2005 on the following dates:

January 7, 2005, Friday
April 1, 2005, Friday
July 1, 2005, Friday
October 7, 2005, Friday

E9-1-1 Commission meeting dates scheduled for 2006 are as follows:

January 6, 2006, Friday
April 7, 2006, Friday
July 7, 2006, Friday
October 6, 2006, Friday

All E9-1-1 Commission meetings are held at:

Department of Public Safety
Third Floor, Room 348
1111 Country Club Road
Middletown, Connecticut 06457

Meetings are open to the public.

Minutes from E9-1-1 Commission meetings are posted on OSET's website at:
<http://www.state.ct.us/dps/DFEBS/OSET.htm>.

ENHANCED 9-1-1 PSAP WORKSTATIONS/MAPPING

In order to comply with the Federal Communication Commission's Phase II Wireless mandate (FCC Docket 94-102) to provide location information for cellular phone users, new hardware and software were purchased and installed in all 107 PSAPs.

The upgrade provides a more robust platform to accommodate the faster processing needs of mapping software and to facilitate the upgrade of call-handling software. The call-handling software upgrade also provides PSAPs with improved capability to store and handle 9-1-1 call records.

The most important new feature is the addition of a geographic information system (GIS), that includes mapping software and equipment. Mapping screens indicate the location of a person making a wireless 9-1-1 call on a map. The location of the wireless cell site that facilitated routing the call to that PSAP is also indicated. This feature assists public safety agencies in responding to a wireless 9-1-1 call when the caller does not know his or her location. The GIS base map is leased from Tele Atlas. Corrections to GIS data are being collected from all municipalities and will be incorporated into the Tele Atlas map and provided to PSAPs subsequently. OSET has identified the designated municipal representative for local street and address information. All local GIS contacts have been provided with map information to verify and update. Of the 169 towns 72 have provided that information back to OSET for inclusion into future map updates.

It is the intent of the Department to seek a new 9-1-1 call-handling software platform for the State's 107 PSAPs. The Department is committed to providing equipment and technology that meets the changing needs and habits of society. During 2005, OSET began development of specifications for new E9-1-1 call handling equipment and/or software.

E9-1-1 WIRELESS PHASE II

Wireless Phase II service required by the Federal Communications Commission (FCC) Docket 94-102, was available in all of Connecticut's public safety answering points in June of 2004.

Wireless Phase II allows for wireless 9-1-1 calls to be routed to the appropriate PSAP based upon the cell sector coverage area of the antenna, which picks up the signal. The location of the caller is displayed on a map at the PSAP based upon latitude and longitude generated by the wireless carriers. FCC accuracy requirements for location information vary depending on the technology used by the wireless carrier. For Network-based technologies*, the FCC requires that location be accurate within 100 meters for 67% of calls and accurate within 300 meters for 95% of calls. For Handset-based technologies**, the FCC requires that location be accurate within 50 meters for 67% of calls and accurate within 150 meters for 95% of calls.

Currently wireless carriers use four different modes of service or technologies to provide cell phone service. These technologies are Code Division Multiple Access (CDMA), Global System for Mobile Communication (GSM), Integrated Digital Enhanced Network (iDEN) and Time Division Multiple Access (TDMA), see glossary for an explanation of these terms.

Appendix E reflects the addition of cell sectors by wireless carriers for the calendar year 2005.

* In Network-based technologies, a cell phone call generates a signal that is picked up by several cell sites. The signal information is then configured to determine latitude and longitude coordinates of the cell phone's location.

** In Handset-based technologies, a GPS (Global Positioning System) within the cell phone generates a signal that is picked up by satellite. The signal information is then configured to determine latitude and longitude coordinates of the cell phone's location.

ENHANCED 9-1-1 NETWORK AND DATABASE MANAGEMENT SYSTEM (DBMS) PERFORMANCE

The Database Management System (DBMS) continuously updates the E9-1-1 Selective Routing and Automatic Location Information (ALI) databases.

The Selective Routing feature directs a 9-1-1 call to the appropriate PSAP based upon the caller's location and telephone number. When a 9-1-1 call is answered at the PSAP, the ALI feature displays the telephone number and the address of the location from where the 9-1-1 call was made. The ALI database provides a list of the emergency response agencies for the caller's location.

SBC is able to provide information regarding whether a resident of the household is blind, hearing or speech impaired, uses a life support system, or uses a TDD/TYY device. If this information has been previously provided to SBC, this information will be relayed to the PSAP along with name and address information. Wireless carriers do not provide this service.

SBC is required by the Department of Public Utility Control (DPUC) to make every reasonable effort to update the Selective Routing and ALI databases on a daily basis and process each Selective Routing record and each ALI record within two days of receipt. The following performance information regarding ALI and Selective Routing updates indicates that SBC updated records for ALI and Selective Routing with the required periods over 99% of the time.

E9-1-1 DATABASE UPDATE PERFORMANCE

Time Period	% ALI & Selective Routing Records Updated in 2 Days (based on sampled records)
1/05-2/05	99.42%
3/05-5/05	99.47%
6/05-8/05	99.16%
9/05-11/05	99.36%

SYSTEM PERFORMANCE JANUARY – NOVEMBER 2005

Total number of ALI Retrieval Attempts made by PSAPs = 2,715,932
ALI (Address) Record Not Found = (0.89% of all ALI Retrieval Attempts) 24,203
Misroutes/Mismatches= 4

**COMPETITIVE LOCAL EXCHANGE CARRIERS (CLECs) –
PERFORMANCE REPORTS 2005**

Connecticut General Statutes Sections 28-27-23 through 28-27-29 establish requirements for the provision of Enhanced 9-1-1 service by competitive local exchange carriers (CLECs).

Facility-based CLECs* are required to update the E9-1-1 database with changes in their subscribers' records (e.g., name, address, telephone number changes) within two days of such change. Of the CLECs that complied with this requirement, four reported that they consistently met the two-day requirement to update the database.

This chart reflects the percentage of updates that are made in a timely manner by CLEC.

CLEC	1ST QUARTER	2ND QUARTER	3RD QUARTER	4TH QUARTER
Cox Communications	100%	100%	100%	100%
AT&T TCG	100%	100%	100%	100%
WORLDCOM-MCI	100%	99.92%	99.87%	99.96%
AT&T - Comcast	51.68%	87.13%	93.49%	93.89%
Choice One Communications	96.66%	100%	99.16%	100%
Paetec Communications	100%	100%	58.32%	89.64%
Conversent Communications	NR	NR	7.032%	NR
Level 3 Communications	NR	NR	NR	NR

IR= Incomplete Report

NR= No Report or Data Submitted Late

* A facility based CLEC owns the equipment necessary to provide the ability to make calls. A CLEC may also lease telephone services from AT&T/SBC and then sell those services; these CLECs are referred to as "re-sellers."

TELECOMMUNICATOR CERTIFICATION TRAINING

Since January 1, 1990, the effective date of Connecticut General Statutes 28-30 (c), no person may be employed as a public safety telecommunicator (also referred to as a dispatcher) unless he or she has been certified by the Office of Emergency Telecommunications (OSET). The Office of Education and Data Management is in the process of updating the curriculum and has completed 70% of this project with a projected completion date of fall 2006.

The three steps to the certification process are:

1. Completion and achievement of a passing grade in the Telecommunicator Certification Training Program; and
2. E9-1-1 System Training
3. Emergency Medical Dispatch (EMD) Training
4. Completion of a probationary work period as verified by the employer.

Eight training classes were held during the 2005 calendar year. A total of 201 students were trained. Of those students, 181 (90%) passed the telecommunicator's certification examination.

Telecommunicator Training classes held in 2005 were as follows:

January 19-27, 2005
Cromwell Fire Department, Cromwell, CT.

February 24-March 4, 2005
Department of Public Safety, Middletown, CT.

March 10-April 7, 2005 (evenings)
Department of Public Safety, Middletown, CT.

April 18-26, 2005
Sandy Hook Fire Department, Newtown, CT.

May 16-24, 2005
Department of Public Safety, Middletown, CT.

October 17-25, 2005
New Haven Fire Training School, New Haven, CT.

November 14-22, 2005
Norwich Fire Department, Norwich, CT.

EMERGENCY MEDICAL DISPATCH (EMD)

Public Act 00-151 requires that “not later than July 1, 2004, each PSAP shall provide emergency medical dispatch (EMD) or shall arrange for EMD to be provided...” EMD refers to instructions provided to the 9-1-1 caller by PSAP personnel prior to the arrival of medical services. As of December 31, 2005, 107 PSAPs (100%) met this requirement.

To date, 1300 students have registered for EMD training. Of those students who completed training in the calendar year 2005:

- 1162 have completed 3-Day EMD training
- 181 have completed 1-Day EMD continuing education training

OSET reimburses municipalities for EMD training. To date, municipalities have been reimbursed by OSET \$296,809 for EMD training. The break down per fiscal year is:

FY 01-02	\$17,970
FY 02-03	\$33,416
FY 03-04	\$114,012
FY 04-05	\$131,411
FY 05-06	\$18,000 to date

All 107 public safety points (100%) are in compliance with Public Act 00-151 by directly providing EMD or arranging for EMD to be provided by a private agency. In addition over 97% have documented quality assurance programs to review the effectiveness of the emergency medical dispatch program.

EMERGENCY MEDICAL SERVICE (EMS) DATA COLLECTION

Public Act 00-151 requires PSAPs to submit information regarding the processing of EMS emergency 9-1-1 calls to the Office of Statewide Emergency Telecommunications (OSET) on a quarterly basis. These reports reflect the length of time it took for a PSAP to answer a 9-1-1 call and the length of time it took for that PSAP to receive and dispatch EMS assistance to that caller.

OSET has collected data from PSAPs for each quarter of 2005. The number and percentages of PSAPs submitting quarterly reports is as follows:

Quarter 1	62.62%
Quarter 2	65.42%
Quarter 3	58.88%
Quarter 4	57.01%

Reports are submitted to the Department of Public Health and are posted on the OSET website www.state.ct.us/dps/DFEBS/OSET.htm under the "E9-1-1 Fractile EMS Response Distribution Reports." A chart reflecting quarterly EMS data submissions by PSAPs for calendar year 2005 follows.

REQUESTS FOR RADIO FREQUENCIES

The Office of Statewide Emergency Telecommunications is responsible for the coordination of radio frequency requests for public safety agencies within the State. Fifty-four (54) requests for frequencies were processed during the 2005 calendar year.

<u>Town/Agency/Organization</u>	<u># Of Applications</u>
Bethel Police Dept.	1
City of Bridgeport	1
City of Bristol	2
Eastern Connecticut State University	1
Echo Hose Hood and Ladder Ambulance Corp.	1
Greater Bridgeport Transit District	1
Metropolitan District Commission	1
New Milford Community Ambulance	1
Norwalk Transit District	1
Norwich Office of Emergency Management	1
Norwich Public Utilities	1
Stafford Fire Department	1
State of CT., Connecticut Valley Hospital, Police Dept.	1
State of CT., CT. Department of Education	1
Stonington Ambulance	1
Town of Bethel	1
Town of Bethel Police Dept.	1
Town of Clinton	1
Town of Cromwell, Fire Dept.	1
Town of Dayville	1
Town of Glastonbury	2
Town of Hebron	1
Town of Litchfield, Public Schools	1
Town of Manchester	1
Town of Monroe	3
Town of New Canaan	2
Town of Newington, Fire Dept.	1
Town of Newington, Police Dept.	1
Town of North Branford	1
Town of North Haven	1
Town of Old Lyme	1
Town of Orange	1
Town of Plymouth	1
Town of Rocky Hill	1
Town of Sherman	2
Town of Simsbury	1
Town of Southbury	2
Town of Southington	1

<u>Town/Agency/Organization</u>	<u># Of Applications</u>
Town of Stratford, Fire Dept.	1
Town of Tolland	1
Town of Vernon, Police Dept.	1
Town of Wolcott	1
Town of Woodstock	2
Windham County Transit	<u>1</u>
TOTAL	54

E9-1-1 SURCHARGE

Every telephone customer with wireline or wireless service pays a monthly surcharge on their telephone bill to underwrite the costs of E9-1-1 services to the State. Telephone companies collect these fees and remit them to the Office of Statewide Emergency Telecommunications (OSET) on a monthly basis. The Department of Public Utility Control (DPUC) determines the surcharge based on the E9-1-1 budget requirements determined by OSET.

In accordance with the provisions of the Regulations of the State of Connecticut Section 28-24-10, OSET submitted its operating budget for E9-1-1 service, and the implementation of Section 29-8-24-1 through 28-24-11 to the DPUC for fiscal year 2006-2007. The budget requirements resulted in setting the surcharge at 37 cents per month for a single telephone line for the period June 1, 2005 through May 30, 2006. There is a sliding scale for customers with multiple phone lines. The current surcharge rates are listed below.

Number of Lines	Per-Line Assessment
1	.37
2	.28
3	.25
4-5	.22
6-10	.19
11-25	.15
26-50	.12
51-99	.09
100+	.07

See Appendix A for the budget submitted to DPUC for fiscal year 2006-2007.

DEPARTMENT OF PUBLIC SAFETY

Office of Statewide Emergency Telecommunications

Operating Budget FY 05/06

APPENDIX A

STATE OF CONNECTICUT



DEPARTMENT OF PUBLIC SAFETY OFFICE OF THE COMMISSIONER

Leonard C. Boyle
Commissioner

March 28, 2005

Ms. Louise E. Rickard
Executive Secretary
Department of Public Utility Control
Ten Franklin Square
New Britain, CT 06051

RE: Docket No. 05-01-04 - General Implementation of PA 96-150, Annual Assessment
Proceeding to Fund the Development and Administration of the Enhanced Emergency 911
Program Established by Public Act 95-318.

Dear Ms. Rickard:

In accordance with the provisions of General State Statute subsection (a) of Section 28-24 of the State of Connecticut, the Department of Public Safety is submitting the attached annual operating budget for the Enhanced 9-1-1 program.

The estimated "Statewide Enhanced 9-1-1 Program" operating budget for state fiscal year 2005/2006 (FY 05/06) is \$19,444,492.44. A carryover from FY 04/05 of \$1,745,412.94 and interest/surplus funds of \$1,000,000 will reduce FY 05/06 operating budget requirements to \$16,699,079.50. The attached document entitled "Estimated Requirements for the Operating Budget of the Statewide Enhanced 9-1-1 Program" provides detailed information for each budget category. Budget items 11 through 15 represent funding initiatives proposed by the Enhanced 911 Commission and endorsed by the Department of Public Safety. It is anticipated that all of the recommended funding changes will be implemented by 1/1/06.

Should you require further information, please contact George J. Pohorilak, Director of the Office of Statewide Emergency Telecommunications, at 860-685-8108.

Sincerely,

Leonard C. Boyle
Commissioner

Enclosure

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P.O. Box 2794
Middletown, CT 06457-9294
An Equal Opportunity Employer

Department of Public Safety-Division of Fire, Emergency and Building Services

OFFICE OF STATEWIDE EMERGENCY TELECOMMUNICATIONS

**Estimated Requirements for the Operating Budget
Of the
Statewide Enhanced 9-1-1 Program
Fiscal Year 05/06
Budget Narrative**

Item #1 Equipment/Enhancements:

Funding for the 911 street centerline data and ortho-photo deployment will be required for fiscal year (FY) 05/06. Additional funds for miscellaneous PSAP equipment and time synchronization equipment maintenance will also be required. SBC maintenance, for the call handling platform, is projected to be \$660,143.40. The cost of providing translation services to all PSAPs is projected to be \$75,000. Total requirements for equipment are \$1,165,143.40. A carryover from FY 04/05 of \$255,000 reduces the budget need to \$910,143.40.

Item #2 Regional Emergency Telecommunications Center Funding:

Funding for the Regional Emergency Telecommunications Centers is based upon the formula in the Regulations of Connecticut State Agencies Section 28-24-3. The variables incorporated in the formula result in exact amounts required for this budget category. FY 05/06 requirements are \$2,394,091.58 for eight regional telecommunication centers. This is an increase from the previous year due to changes in the funding formula that are projected to take place on 1/1/06.

Item #3 Funding for Cities with populations over 70,000:

Funding for the eight cities in Connecticut with populations in excess of 70,000 is determined by calculation of the formula in the Regulations of Connecticut State Agencies Section 28-24-3. This amount is calculated to be \$955,193.50 for eight cities. This is an increase over FY 04/05 due to changes in the funding formula that are projected to take place on 1/1/06.

Item #4 Funding for New Regional Centers:

This category can only be estimated. A proposed group of municipalities, currently operating as stand alone public safety answering points, is expected to form a new

regional emergency communications center. The FY 05/06 cost for an estimated number of potential centers has been included for a total of \$242,820 under the category of new regional centers. The carryover of \$194,940 from FY 04/05 budget reduces the budget requirement to \$47,880 for FY 05/06.

Item #5 Network Costs (Wireline/Wireless/Database):

This category includes the cost of the E911 network and E911 database services incurred by SBC. SBC's estimated cost for network services/database management is \$3,499,785 for FY 05/06. These costs include ISDN lines, computer services, tandem connections, database management and support services. Non-recurring costs for reimbursement of wireless carriers Phase I services is estimated at \$500,000. Recurring annual charges for Phase I services are estimated at \$800,000. Wireless accuracy testing costs are estimated to be \$100,000.

In addition to the above, a new public safety data network that would provide connectivity for public safety data to all public safety agencies (police, fire and EMS) is estimated at \$3,000,000. Total network costs are \$7,899,785 a carryover of \$1,000,000 from FY 04/05 reduces this budget item to a total of \$6,899,785 for FY 05/06.

Item #6 Transition Grants:

This category can only be estimated. Assuming five standalone PSAPs will join other regional centers or form a new center with a cap of \$250,000 for each of the five PSAPs and a carryover of \$157,888.94 from last year's budget results in a budget requirement of \$1,092,111.06 for FY 05/06.

Item # 7 Coordinated Emergency Medical Direction (CMED) subsidy:

Each municipality in the state will receive a subsidy for Coordinated Emergency Medical Direction (CMED) services. The subsidy amount for FY 05/06 is projected to increase from \$.15 to \$.30 cents per capita. The total amount of CMED subsidy for FY 05/06 is \$1,045,017.

Item # 8 Office of Statewide Emergency Telecommunications (OSET):

The cost of Office of Statewide Emergency Telecommunications for FY 05/06 is \$986,146.97. This increase is due to the need to add staffing for geographic information services to OSET. A carryover of \$3,000 from FY 04/05 results in a budget requirement \$983,146.97.

Item #9 EMS Data Subsidy to Department of Public Health:

This annual cost is intended to facilitate the collection of EMS data within the Department of Public Health as required by Connecticut General Statute Sec.28-24-7 for FY 05/06, the cost is \$250,000.

Item #10 Training and Public Education Initiatives:

This annual cost is for training public safety telecommunicators required by Connecticut General Statutes Section 28-30 and reimbursement for Emergency Medical Dispatch (EMD) training for municipalities. For FY 05/06, the projected cost of public safety telecommunicator training is \$234,749.48. The anticipated cost of EMD training is \$68,400. SBC training for 911 equipment is projected at \$20,000.

The projected cost for developing a public education program and other related activities is \$150,000. Total amount needed for FY 05/06 is \$473,149.48. A carryover of \$134,584 reduces the needed amount to \$338,565.48.

Item #11 (NEW) Cities with Populations Greater than 40,000 and less than 70,000:

This new budget item will provide a subsidy for additional PSAPs by lowering the population threshold for funded cities from 70,000 to 40,000. An additional 14 municipalities will qualify for funding as calculated by the formula in the Regulations of Connecticut State Agencies Section 28-24-3. The total amount needed for this category is \$1,058,567.40 for FY 05/06.

Item #12 (NEW) Multi-Town PSAP:

This new budget item will provide a subsidy for a public safety answering point that is responsible for the receipt and processing of 9-1-1 calls for two municipalities (a Multi-Town PSAP). Funding will be based upon the formula in the Regulations of Connecticut State Agencies Section 28-24-3 and is projected to be \$133,857.23. Currently four Multi-Town PSAPs qualify for the funding.

Item #13 (NEW) CSP Subsidy

This new budget item will provide funding for the Connecticut State Police who currently do not receive funding for 9-1-1 and receive approximately one third of all 9-1-1 calls received in Connecticut. It shall be used exclusively for the purpose of providing 911 emergency telecommunications services and shall be calculated with the formula of \$1.00 times the number of 911 calls received by Connecticut State Police public safety answering points. Based on 911 call counts from 2004 the subsidy for Connecticut State Police is \$745,285.

Item #14 (NEW) PSAP Training Subsidy

This subsidy, new for FY 05/06 will provide a training allowance that can be used by all PSAPs exclusively for providing ongoing 911 related training for telecommunicators. The subsidy will be based on a formula of \$.10 cents per capita, based on population

numbers from the Department of Public Health. The total amount required for FY 05/06 is \$347,672.60.

Item #15 (NEW) Capital Expenses

Funding for capital expenses is a new item for FY 05/06 and is based on a formula of 12.5% of the total funding for regional emergency communications centers and funded cities. Any regional emergency communications center or funded city requesting this subsidy must match from local funds one dollar per each dollar provided by the capital expense fund. The total amount required for Capital Expenses for the FY 05/06 is projected to be \$497,763.28.

Revenue:

Interest income from previous fiscal years and surplus funds allow for a reduction in the required budget amount of \$1,000,000. This amount combined with carryovers from the previous year will reduce the overall budget need by \$2,745,412.94.

Total Budget Requirements:

The total amount of budget items 1 through 15 for FY 05/06 is \$19,444,492.44. Carryovers, interest and additional revenue from the previous fiscal year equal \$2,745,412.94. The total Enhanced 9-1-1 Fund budget requirement for FY 05/06 budget is \$16,699,079.50.

E911 TELECOMMUNICATIONS FUND REQUIREMENTS FOR FY 05/06

SUMMARY DATA ALL ITEMS

Budget Item	FY 05/06 Requirements	FY 04/05 Carryovers	FY 05/06 Actual Cost
Item 1: New Equipment	\$1,165,143.40	\$255,000.00	\$910,143.40
Item 2 : Regionals	\$2,394,091.58	\$0.00	\$2,394,091.58
Item 3: City Subsidy	\$955,193.50	\$0.00	\$955,193.50
Item 4: New Regionals	\$242,820.00	\$194,940.00	\$47,880.00
Item 5: Network Costs	\$7,899,785.00	\$1,000,000.00	\$6,899,785.00
Item 6: Transition Grants	\$1,250,000.00	\$157,888.94	\$1,092,111.06
Item 7: CMED Subsidy	\$1,045,017.00	\$0.00	\$1,045,017.00
Item 8: OSET Cost	\$986,146.97	\$3,000.00	\$983,146.97
Item 9: DPH Subsidy	\$250,000.00	\$0.00	\$250,000.00
Item 10: Training & Public Education	\$473,149.48	\$134,584.00	\$338,565.48
Item 11: Cities -Pop. over 40,000-New	\$1,058,567.40	\$0.00	\$1,058,567.40
Item 12: Multi-Town PSAPs - New	\$133,857.23	\$0.00	\$133,857.23
Item 13: CSP Subsidy - New	\$745,285.00	\$0.00	\$745,285.00
Item 14: PSAP Training Subsidy - New	\$347,672.60	\$0.00	\$347,672.60
Item 15: Capital Expenses - New	\$497,763.28	\$0.00	\$497,763.28
Item 16: Income/Interest	\$0.00	\$1,000,000.00	(\$1,000,000.00)
Budget Requirements	\$19,444,492.44	\$2,745,412.94	\$16,699,079.50

Item # 1
911 PSAP Equipment: FY 2005-2006

E 9-1-1 PSAP Equipment Cost	
Equipment Item	Totals
GIS Street Centerline Data	\$260,000.00
Statewide Ortho Photo	\$75,000.00
Translation Services	\$75,000.00
PSAP Power Eval./RFP Development	\$50,000.00
PSAP Misc. Equipment	\$20,000.00
Time Synchronization- upgrade/maintenance	\$25,000.00
Maintenance SBC	\$660,143.40
Total:	\$1,165,143.40

**Item #2
Funding for Regionals:
FY 2005-2006**

TOWN/CITY	Pop.03	# 911 Calls	Var.1	Var.2	7/1/05-12/31/05	1/1/06-6/30/05	Tot. FY05/06
Colchester EC	P	N	C1	C2	Subsidy	Subsidy	Subsidy
Bozrah	2,423						
Colchester	15,158						
East Haddam	8,711						
East Hampton	11,660						
Haddam Neck	600						
Hebron	9,047						
Marlborough	6,094						
Salem	4,008						
FY05/06	57,701	1	1.6	1	\$77,111.62	\$114,617.27	\$191,728.88
Groton ECC							
Town of Groton	40,020						
Groton Long Point	0						
City of Groton	0						
No. Stonington	5,165						
FY05/06	45,185	1	0.7	1	\$39,482.65	\$58,686.28	\$98,168.93
Litchfield County Dispatch							
Barkhamsted	3,656						
Borough Bantam	0						
Borough Litchfld.	0						
Bridgewater	1,882						
Canaan	1,099						
Colebrook	1,522						
Cornwall	1,464						
Goshen	2,928						
Hartland	2,068						
Harwinton	5,495						
Kent	2,920						
Litchfield	8,531						
Morris	2,388						
New Hartford	6,548						
Norfolk	1,670						
North Canaan	3,375						
Salisbury	4,033						
Sharon	3,011						
Warren	1,317						
Washington	3,697						
FY05/06	57,604	1	4	1	\$148,042.28	\$220,047.28	\$368,089.56

**Item #2
Funding for Regionals:
FY 2005-2006**

Y05/06	111,080	1	2.4	1	\$194,123.41	\$288,541.41	\$482,664.82
Valley Shore ECC							
Chester	3,839						
Deep River	4,746						
Durham	7,134						
Essex	6,800						
Haddam	6,859						
Killingworth	6,373						
Lyme	2,094						
Middlefield	4,301						
Old Lyme	7,483						
Westbrook	6,583						
FY05/06	56,212	1.35	2	1	\$117,016.52	\$173,931.17	\$290,947.69
Willimantic Fire Switchboard							
Franklin	1,906						
Lebanon	7,145						
Windham	23,014						
FY05/06	32,065	1	0.6	1	\$26,370.26	\$39,196.26	\$65,566.51
	TOTAL SUBSIDY				\$962,881.90	\$1,431,209.67	\$2,394,091.58
NOTES							
P= 2003 Dept. of Public Health population estimates							
N= Number of 911 Calls in 2003 (wire + wireless)							
C1= Number of emergency services dispatched (max of 3) .1 + .02 ea. Year							
C2= Full service dispatch centers receive 1.0							
Consumer price Index value of .028 is added to the base value of 1 in formula fy 05-06 (7/1/05-12/31/05)							
Consumer price Index value of .028 is added to the base value of 1.5 in formula fy 05-06 (1/1/06-6/30/06)							

Item # 3
Funding for Cities FY 2005-2006

Cities	Pop. 03	# 911 Calls	VAR.1	VAR.2	Subsidy	Subsidy	Subsidy
					7/1/05-12/31/05	1/1/06-6/30/06	Tot. FY 05/06
Bridgeport	P	N	C1	C2	Subsidy	Subsidy	Subsidy
FY05/06	139,664	1.08	0.1	0	\$7,753.03	\$11,523.96	\$19,276.98
Danbury							
FY05/06	77,353	1	0.1	0.5	\$23,855.67	\$35,458.62	\$59,314.28
Hartford							
FY05/06	124,387	2.38	0.1	1	\$167,381.62	\$248,792.91	\$416,174.52
New Britain							
FY05/06	71,572	1	0.1	1	\$40,466.81	\$60,149.11	\$100,615.92
New Haven							
FY05/06	124,662	1.77	0.1	0	\$11,341.50	\$16,857.79	\$28,199.29
Norwalk							
FY05/06	84,170	1	0.1	0	\$4,326.34	\$6,430.59	\$10,756.93
Stamford							
FY05/06	120,107	1	0.1	1	\$67,908.50	\$100,937.92	\$168,846.42
Waterbury							
FY05/06	108,130	1	0.1	1	\$61,136.70	\$90,872.45	\$152,009.15
Total					\$384,170.15	\$571,023.34	\$955,193.50

Item # 4
Funding for New Regional Centers: FY 2005-2006

Calculated Subsidy to Hypothetical New Regional Communication Centers							
Hypothetical	Municipality	Pop.	#911 Calls	Var.1	Var. 2	FY 05-06	
Regional Centers							
Region A	Town A	25,000					
	Town B	10,000					
	Town C	25,000					
	Town D	20,000					
	Town E	15,000					
		P	N	C1	C2		
	7/1/05-12/31/05	95,000	1	1	1	\$97,660.00	
	1/1/06-6/30/06	95,000	1	1	1	\$145,160.00	
	Total Funds Required FY 05-06						\$242,820.00

Item # 7
CMED Subsidy: FY 2005-2006

East Lyme	18,537	\$5,561.10
East Windsor	10,185	\$3,055.50
Eastford	1,676	\$502.80
Easton	7,482	\$2,244.60
Ellington	13,952	\$4,185.60
Enfield	45,539	\$13,661.70
Essex	6,800	\$2,040.00
Fairfield	58,407	\$17,522.10
Farmington	24,507	\$7,352.10
Franklin	1,906	\$571.80
Glastonbury	32,789	\$9,836.70
Goshen	2,928	\$878.40
Granby	10,869	\$3,260.70
Greenwich	61,972	\$18,591.60
Griswold	11,087	\$3,326.10
Groton	40,020	\$12,006.00
Guilford	22,082	\$6,624.60
Haddam	6,859	\$2,057.70
Haddam Neck	600	\$180.00
Hamden	58,476	\$17,542.80
Hampton	1,912	\$573.60
Hartford	124,387	\$37,316.10
Hartland	2,068	\$620.40
Harwinton	5,495	\$1,648.50
Hebron	9,047	\$2,714.10
Kent	2,920	\$876.00
Killingly	16,940	\$5,082.00
Killingworth	6,373	\$1,911.90
Lebanon	7,145	\$2,143.50
Ledyard	15,003	\$4,500.90
Lisbon	4,204	\$1,261.20
Litchfield	8,531	\$2,559.30
Lyme	2,094	\$628.20
Madison	18,698	\$5,609.40
Manchester	55,390	\$16,617.00
Mansfield	23,324	\$6,997.20
Marlborough	6,094	\$1,828.20
Meriden	58,962	\$17,688.60
Middlebury	6,745	\$2,023.50
Middlefield	4,301	\$1,290.30
Middletown	46,918	\$14,075.40
Milford	53,869	\$16,160.70
Monroe	19,614	\$5,884.20
Montville	19,718	\$5,915.40

Item # 7
CMED Subsidy: FY 2005-2006

Morris	2,388	\$716.40
Naugatuck	31,700	\$9,510.00
New Britain	71,572	\$21,471.60
New Canaan	19,839	\$5,951.70
New Fairfield	14,179	\$4,253.70
New Hartford	6,548	\$1,964.40
New Haven	124,662	\$37,398.60
New London	26,201	\$7,860.30
New Milford	28,211	\$8,463.30
Newington	29,695	\$8,908.50
Newtown	26,299	\$7,889.70
Norfolk	1,670	\$501.00
North Branford	14,228	\$4,268.40
North Canaan	3,375	\$1,012.50
North Haven	23,628	\$7,088.40
North Stonington	5,165	\$1,549.50
Norwalk	84,170	\$25,251.00
Norwich	36,227	\$10,868.10
Old Lyme	7,483	\$2,244.90
Old Saybrook	10,535	\$3,160.50
Orange	13,572	\$4,071.60
Oxford	10,729	\$3,218.70
Plainfield	15,174	\$4,552.20
Plainville	17,461	\$5,238.30
Plymouth	12,067	\$3,620.10
Pomfret	3,996	\$1,198.80
Portland	9,264	\$2,779.20
Preston	4,801	\$1,440.30
Prospect	9,161	\$2,748.30
Putnam	9,079	\$2,723.70
Redding	8,572	\$2,571.60
Ridgefield	24,131	\$7,239.30
Rocky Hill	18,528	\$5,558.40
Roxbury	2,279	\$683.70
Salem	4,008	\$1,202.40
Salisbury	4,033	\$1,209.90
Scotland	1,640	\$492.00
Seymour	16,045	\$4,813.50
Sharon	3,011	\$903.30
Shelton	39,121	\$11,736.30
Sherman	4,055	\$1,216.50
Simsbury	23,496	\$7,048.80
Somers	10,870	\$3,261.00
South Windsor	25,270	\$7,581.00

Item # 7
CMED Subsidy: FY 2005-2006

Southbury	19,279	\$5,783.70
Southington	41,397	\$12,419.10
Sprague	2,989	\$896.70
Stafford	11,743	\$3,522.90
Stamford	120,107	\$36,032.10
Sterling	3,278	\$983.40
Stonington	18,206	\$5,461.80
Stratford	50,182	\$15,054.60
Suffield	14,217	\$4,265.10
Thomaston	7,857	\$2,357.10
Thompson	9,157	\$2,747.10
Tolland	14,264	\$4,279.20
Torrington	35,756	\$10,726.80
Trumbull	35,013	\$10,503.90
Union	735	\$220.50
Vernon	29,206	\$8,761.80
Voluntown	2,598	\$779.40
Wallingford	44,331	\$13,299.30
Warren	1,317	\$395.10
Washington	3,697	\$1,109.10
Waterbury	108,130	\$32,439.00
Waterford	19,034	\$5,710.20
Watertown	22,178	\$6,653.40
West Hartford	61,424	\$18,427.20
West Haven	53,004	\$15,901.20
Westbrook	6,583	\$1,974.90
Weston	10,239	\$3,071.70
Westport	26,320	\$7,896.00
Wethersfield	26,398	\$7,919.40
Willington	6,198	\$1,859.40
Wilton	17,909	\$5,372.70
Winchester	10,781	\$3,234.30
Windham	23,014	\$6,904.20
Windsor	28,565	\$8,569.50
Windsor Locks	12,256	\$3,676.80
Wolcott	16,024	\$4,807.20
Woodbridge	9,249	\$2,774.70
Woodbury	9,557	\$2,867.10
Woodstock	7,685	\$2,305.50
TOTAL:	3,483,390	\$1,045,017.00

Item # 8
OSET Budget: FY 2005-2006

Estimated Budget:	
Office of Statewide Emergency Telecommunications	
Period of 7/1/05-6/30/06	
Total Pay Period Cost	\$22,973.14
Total OSET pay period X26.1	\$599,599.00
Longevity Payments	\$9,992.50
Total Salary Costs	\$609,591.50
Total Salary & Overhead/Fringe = 55.21%	\$946,146.97
Plus Travel & Training	\$18,000.00
Plus OE	\$3,000.00
Plus Equipment	\$7,000.00
Plus OSET vehicles	\$12,000.00
	\$986,146.97
ESTIMATED FY05/06 OSET BUDGET	\$986,146.97

**Item # 9
DPH Subsidy
FY 2005-2006**

Department of Public Health	
Transfer of Funds for EMS	
Period of 7/1/05-6/30/06	
EMS payment to Dept. of Public Health	\$250,000.00
FY05/06 OSET BUDGET	\$250,000.00

**Item #10
Training
FY 2005-2006**

Training & Public Education	
EMD Training	\$68,400.00
Telecommunicator Training Program	\$234,749.48
Public Education Initiatives	\$150,000.00
SBC 911 CPE Training	\$20,000.00
Total:	\$473,149.48

Item #11
New-Funding for Cities With Populations Over 40,000
FY 2005-2006

Cities	Pop. 03	# 911 CALLS	VAR.1	VAR.2	7/1/05-12/31/05	1/1/06-6/30/06	Tot. FY 05/06
Bristol	P	N	C1	C2	Subsidy	Subsidy	Subsidy
FY05/06	60,722	1	0.1	1	\$34,332.22	\$51,030.77	\$85,362.99
East Hartford							
FY05/06	49,596	1	0.1	1	\$28,041.58	\$41,680.48	\$69,722.06
Enfield							
FY05/06	45,539	1	0.1	1	\$25,747.75	\$38,270.98	\$64,018.73
Fairfield							
FY05/06	58,407	1	0.1	1	\$33,023.32	\$49,085.24	\$82,108.56
Greenwich							
FY05/06	61,972	1	0.1	1	\$35,038.97	\$52,081.27	\$87,120.24
Hamden							
FY05/06	58,476	1	0.1	1	\$33,062.33	\$49,143.23	\$82,205.56
Manchester							
FY05/06	55,390	1	0.1	1	\$31,317.51	\$46,549.76	\$77,867.26
Meriden							
FY05/06	58,962	1	0.1	1	\$33,337.11	\$49,551.66	\$82,888.78
Milford							
FY05/06	53,869	1	0.1	1	\$30,457.53	\$45,271.51	\$75,729.04
Southington							
FY05/06	41,397	1	0.1	1	\$23,405.86	\$34,790.04	\$58,195.90
Stratford							
FY05/06	50,182	1	0.1	1	\$28,372.90	\$42,172.95	\$70,545.86
Wallingford							
FY05/06	44,331	1	0.1	1	\$25,064.75	\$37,255.77	\$62,320.52
West Hartford							
FY05/06	61,424	1	0.1	1	\$34,729.13	\$51,620.73	\$86,349.86
West Haven							
FY05/06	52,733	1	0.1	1	\$29,815.24	\$44,316.81	\$74,132.05
TOTAL					\$425,746.20	\$632,821.20	\$1,058,567.40

**Item #12
New-Multi-Town PSAPs
FY 2005-2006**

MULTI -TOWN PSAP							
TOWN/CITY	POP '03	# 911 CALLS	VAR.1	VAR.2	7/1/05-12/31/05	1/1/06-6/30/05	TOT. FY05/06
	P	N	C1	C2	Subsidy	Subsidy	Subsidy
Middletown	46,918.00						
Portland	9,264.00						
FY05/06	56,182.00	1	0.4	1	\$0.00	\$60,092.27	\$60,092.27
Ledyard	15,003.00						
Preston	4,801.00						
FY05/06	19,804.00	1	0.4	1	\$0.00	\$21,182.36	\$21,182.36
East Granby	4,977.00						
Granby	10,869.00						
FY05/06	15,846.00	1	0.4	1	\$0.00	\$16,948.88	\$16,948.88
Farminton	24,507.00						
Burlington	8,808.00						
FY05/06	33,315.00	1	0.4	1	\$0.00	\$35,633.72	\$35,633.72
						TOTAL	\$133,857.23

Item #13
State Police PSAP Subsidy FY 2005-2006

State Police Troop	2004 # 911 Calls	Subsidy
CSP A	54,076	\$54,076.00
CSP B	6,914	\$6,914.00
CSP E	58,858	\$58,858.00
CSP G	274,269	\$274,269.00
CSP H	219,732	\$219,732.00
CSP I	118,491	\$118,491.00
CSP L	9,357	\$9,357.00
CSP W	3,588	\$3,588.00
TOTAL	745,285	\$745,285.00

Item 15
Capital Expense Costs: FY 2005-2006

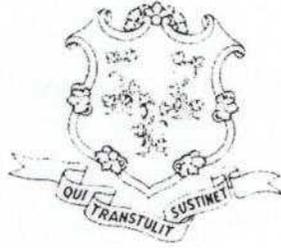
<u>FUNDING CATEGORY</u>	<u>FUNDING 05/06</u>	<u>12.5% OF FUNDING</u>
Regionals	\$2,394,091.58	\$299,261.45
Cities Over 70,000	\$955,193.50	\$119,399.19
Cities Over 40,000	\$632,821.20	\$79,102.65
TOTAL FUNDING		\$497,763.28

DEPARTMENT OF PUBLIC SAFETY

Office of Statewide Emergency Telecommunications

Enhanced 9-1-1 Wireless Phase II Accuracy Testing
FY 05/06

APPENDIX B



STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC SAFETY
DIVISION OF FIRE EMERGENCY AND BUILDING
SERVICES

OFFICE OF STATEWIDE EMERGENCY
TELECOMMUNICATIONS

**ENHANCED 9-1-1
WIRELESS PHASE II
ACCURACY TESTING**

JANUARY 25, 2006

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Introduction

The State of Connecticut has an area of 5,018 square miles with a population of 3,409,549. There are 169 cities and towns and eight counties in Connecticut served by 107 E9-1-1 Public Safety Answering Points (PSAPs) (Appendix A - PSAP map). All of the 107 PSAPs are capable of receiving and mapping E9-1-1 Wireless Phase II data. At the time of the testing there were over 3,400 wireless cell sites in the state operated by six wireless carriers. Phase I Wireless Service in Connecticut became available in 2002 and Phase II Wireless E9-1-1 Service became available in the second quarter of 2004. Phase I Wireless provided PSAPs with the call back number of the wireless telephone that called 9-1-1. Phase II Wireless provides PSAPs with the latitude and longitude of the callers' location in addition to the call back number.

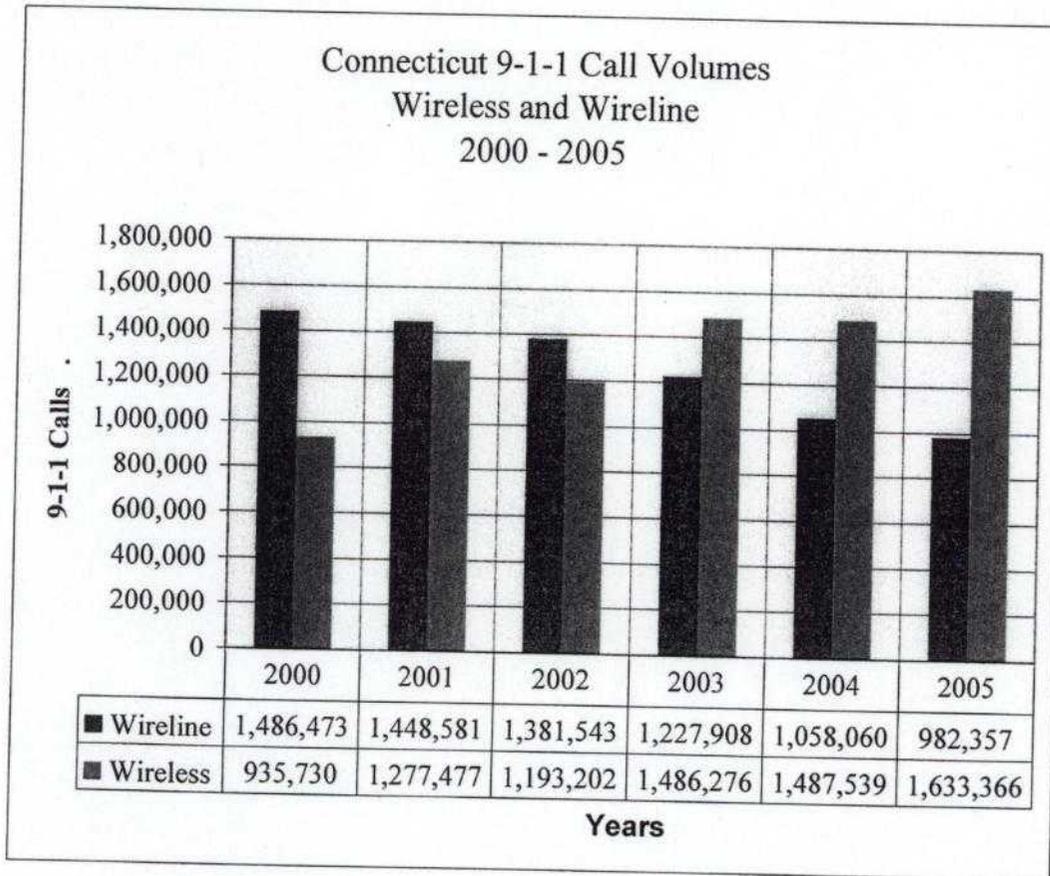
Wireless 9-1-1 call volumes in Connecticut have increased steadily from 935,730 calls in 2000 to 1.48 million in 2004, while wireline call volumes have decreased from 1.48 million to one million during the same time frame. At the end of November 2005, Connecticut wireless call volume has already exceeded 1.5 million calls and equal 62.3% of all 9-1-1 calls. Due to this high number of wireless 9-1-1 calls in Connecticut, the Office of Statewide Emergency Telecommunications (OSET) was obliged to test the accuracy of the 9-1-1 callers' location information provided under Phase II mandates.

Wireless carriers providing phase II E9-1-1 service in Connecticut were tested for compliance with Automatic Location Identification (ALI) Accuracy Standards for Phase II location accuracy and reliability adopted by the Federal Communications Commission (FCC) Docket 94-102. These standards have been incorporated into the Code of Federal Regulations Title 47, Volume 2, Part 20.

The testing was conducted during 2004 and 2005 by the State of Connecticut Department of Public Safety (DPS), Office of Statewide Emergency Telecommunications (OSET). The carriers that were tested are: AT&T Wireless (ATTWS), Cingular Wireless, Nextel, Sprint PCS, T-Mobile, and Verizon Wireless (VZW).

During the testing period, ATTWS has merged with Cingular and a new carrier, Alltel, began providing service in Litchfield County during the third quarter of 2005. Alltel was not tested for compliance with FCC ALI Accuracy Standards for this report.

TABLE 1



Code of Federal Regulations Title 47, Volume 2, Part 20

The Code of Federal Regulations Title 47, Volume 2, Part 20-Commercial Mobile Radio Services Section 20.18 (911 Service), subsection (h) states:

Phase II accuracy: Licensees subject to this section shall comply with the following standards for Phase II location accuracy and reliability:

- (1) For network-based technologies: 100 meters for 67 percent of calls, 300 meters for 95 percent of calls;
- (2) For handset-based technologies: 50 meters for 67 percent of calls, 150 meters for 95 percent of calls;
- (3) For the remaining 5 percent of calls, location attempts must be made and a location estimate for each call must be provided to the appropriate PSAP.

This means that the latitude and longitude transmitted for the location of a wireless 9-1-1 caller by the wireless carrier must be within the stated number of meters for the specified percent of all 9-1-1 calls made.

Handset Based Technologies

Wireless carriers that deploy a location determining technology that utilizes a handset with a computer chip that communicates with a GPS satellite are evaluated under the standard of 50 meters for 67 percent of calls, 100 meters for 95 percent of calls.

The handset based wireless carriers in Connecticut that were tested for this report are:

Nextel (iDEN)

Sprint PCS (CDMA)

Verizon Wireless (CDMA)

iDEN (Integrated Digital Enhanced Network) is a wireless technology from Motorola combining the capabilities of a digital cellular telephone, two-way radio, alphanumeric pager and data/fax modem in a single network.

CDMA (Code Division Multiple Access) is a wireless technology that allows many conversations over one frequency sending all communications in groups of bits mixed altogether, but tags each group belonging to a specific communication with a different code.

Network Based Technologies

Wireless carriers that deploy a location determining technology that utilizes the triangulation of a 9-1-1 caller's signal by the multiple cell sites in the network are evaluated under the standard of 150 meters for 67 percent of calls, 300 meters for 95 percent of calls.

The network based wireless carriers in Connecticut that were tested for this report are:

ATTWS (TDMA)

ATTWS (GSM)

Cingular Wireless (TDMA)

Cingular Wireless (GSM)

T-Mobile (GSM)

TDMA (Time Division Multiple Access) is digital transmission technology that allows a number of users to access a single radio-frequency (RF) channel without interference by allocating unique time slots to each user within each channel.

GSM (Global System for Mobile Communication) is a globally accepted standard for digital cellular communication. GSM is the name of a standardization group established in 1982 to create a common European mobile telephone standard that would formulate specifications for a pan-European mobile cellular radio system operating at 900 MHz.

Wireless Phase II Accuracy Testing

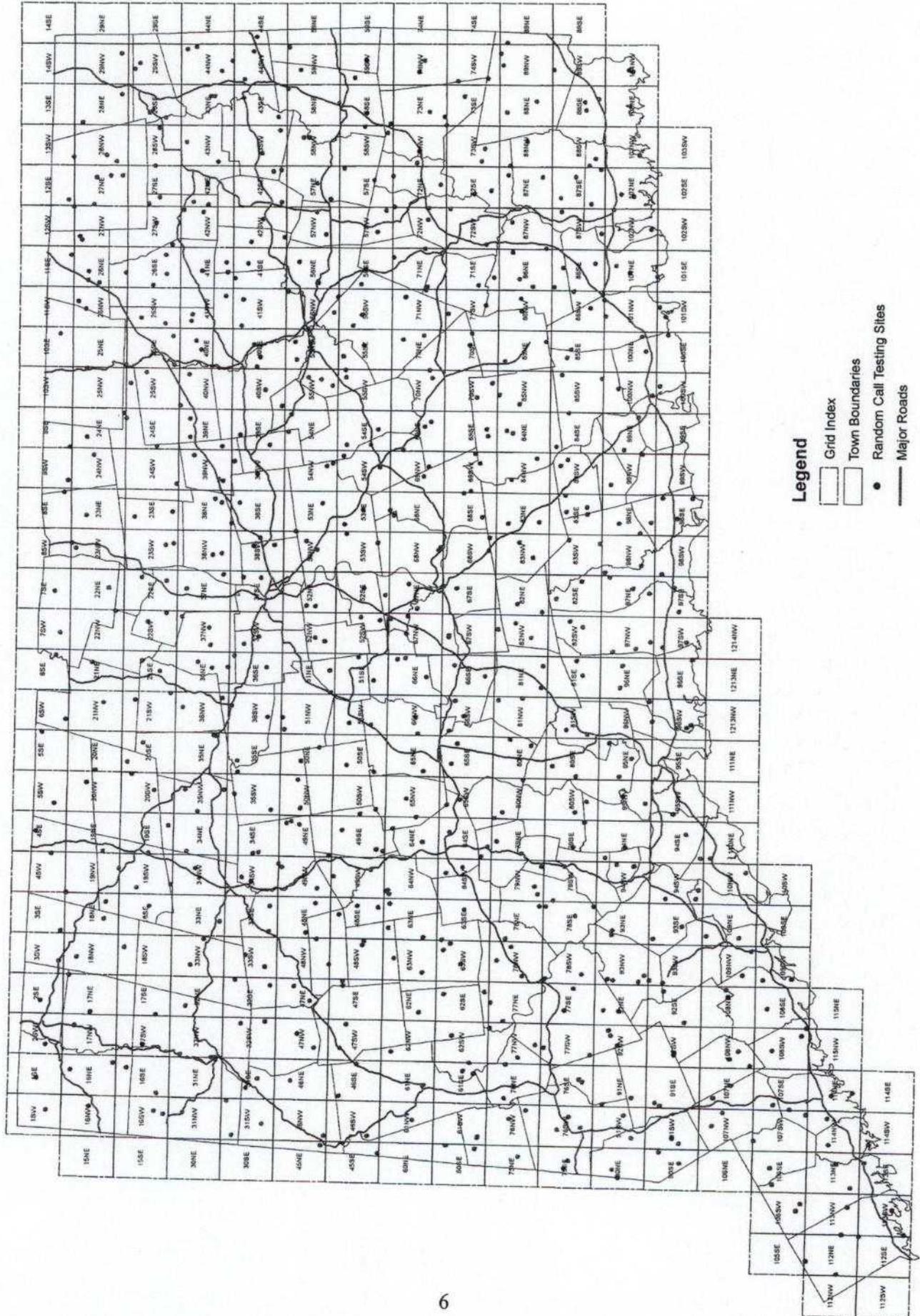
Empirical testing in Connecticut was conducted to verify wireless carrier compliance with FCC accuracy standards. Testing began on July 1, 2004, and was completed on November 23, 2005.

All testing was static in nature; no moving test calls were conducted. All test calls were made outdoors.

Sample Locations

The State of Connecticut was divided into 380 three mile by four mile grids for the random selection of sample locations. Four hundred fifty random locations were then selected within the grids through the use of a random number generator algorithm. A map showing the grids and the random sample locations is shown on the next page.

Accuracy Testing Sample Locations



Test Personnel

Two contract employees were used to conduct the accuracy testing.

Test Equipment

Wireless Telephones

The following wireless telephones were used to conduct test calls:

	<u>Manufacturer / Model</u>
ATTWS (TDMA)	Nokia RH-14 Model 3560
ATTWS (GSM)	Samsung Model SGH-X426
Cingular Wireless (TDMA)	Nokia Model 2260
Cingular (GSM)	Samsung Model SGH-X427
Nextel	Motorola Model i530
Sprint PCS	Samsung Model SPH-A660
T-Mobile	Samsung Model R225M Nokia IM Model 3595
VZW	LG Model VX3100

GPS Receiver

Garmin GPSmap 76S

Other Equipment

Laptop Computers

Accuracy Testing Database

All data generated by the accuracy testing was entered into a Microsoft Access Database using the E9-1-1 Wireless Phase II Accuracy Testing Input Form.

The screenshot shows a Microsoft Access form titled "E9-1-1 Wireless Phase II Accuracy Test Input Form". The form is organized into several sections:

- Wireless Carrier:** A dropdown menu.
- Mode:** A dropdown menu.
- No Service:** A checkbox.
- MDN:** A dropdown menu.
- PSAP Expected:** A dropdown menu.
- PSAP Receiving Call:** A dropdown menu.
- Grid ID:** A text field.
- In Building Call:** A checkbox.
- ESRD/ESRK:** A text field.
- Site Address:** A text field.
- PSAP Indented Call or Other WC:** A text field.
- Orig_Lat:** A text field with the value "0.00000000".
- Orig_Long:** A text field with the value "0.00000000".
- E911_Lat:** A text field with the value "0.00000000".
- E911_Long:** A text field with the value "0.00000000".
- GPS Accuracy:** A text field with the value "0".
- Date:** A text field.
- Time:** A text field.
- Initials:** A text field.

At the bottom of the form, there are navigation buttons (back, forward, and a button with a triangle) and a status bar that reads "Record: 11 of 924 of 924".

Distance Determination

After the data is entered into the access database, a distance determination query was used to determine the distance between the original latitude and longitude determined by the Garmin GPSmap 76S and the E9-1-1 latitude and longitude provided by the PSAP.

Dist: $1000 * \text{distance}([\text{Orig_Lat}], [\text{Orig_Long}], [\text{E911_Lat}], [\text{E911_Long}], "k")$ k= kilometers

FCC Compliance Determination

When the distance between the two sets of coordinates was determined for each test 9-1-1 call for all wireless carriers and respective modes of service, the results were compared to the distance standards established by the FCC. An FCC Compliance Query was created with the following expressions:

Network-based wireless carriers

Pass 100m: Avg(If([dist]<=100,1,0))

Pass 300m: Avg(If([dist]<=300,1,0))

Handset-based wireless carriers

Pass 50m: Avg(If([dist]<=50,1,0))

Pass 150m: Avg(If([dist]<=150,1,0))

Test Call Data Used to Determine FCC Compliance

Results of the accuracy testing included all test call data except where:

- No service was available for a carrier.
- The call was received by the PSAP and was identified as a different carrier than the carrier telephone used to make the call.
- 9-1-1 test call answered by an out of state PSAP.
- Coordinate data was not available.

GPS Accuracy of original latitude and longitude as determined by the Garmin GPSmap 76S ranged from 0 meters to 15.24 meters

Mitigation

Upon receiving a report from OSET, the carrier shall acknowledge receipt to OSET within five business days and provide OSET with a written plan within 30 calendar days that includes the specific actions and timelines that the carrier intends to take to respond to the specific issues raised in the reported deficiency.

In responding to a report from OSET, the following steps are representative (but not exclusive) of the specific actions and timelines that carriers may undertake, depending upon the technology used, to optimize the performance of the location accuracy of the carriers network.

- Review the test data provided by OSET;
- Pull Position Determination Entity (PDE) and Mobile Positioning Center (MPC) data for PSAP test calls - review location fixes staged in MPC, fixes delivered to ALI, number and timing of re-bids;

- Check PDE/MPC data for messaging/network errors - investigate with PDE vendors/ suppliers with goal to resolve as quickly as possible;
- Check the Base Station Almanac (BSA) for completeness and accuracy;
- Update BSA, if information not complete or accurate;
- Review/share (under non-disclosure) our empirical test data for test area for the State of Connecticut;
- Communicate results of above steps with OSET;
- End-to-end/Functionality testing was successfully completed;
- Identify whether accuracy measured within the service area is in line with predicted levels;
- Review most recent maintenance testing (if applicable);
- Verify that all outdoor Base Transceiver Stations (BTS) sites in an isolated service area are equipped with Location Measurement Unit's (LMU's);
- Verify that LMU's and other location network equipment are functional and performing properly;
- Verify that system configuration parameters are correct;
- Verify that proper site coordinates are loaded (lat/long of site antennas, etc), and
- Verify that the 9-1-1 call distribution (weighting) data is correct (if applicable).

When the carrier has fulfilled all the steps pledged in its response, the carrier shall provide documentation to OSET that all reasonable steps have been taken to respond to the service discrepancy within the jurisdiction, taking into consideration the parameters of existing technology for given terrain(s) and deployment characteristics within the service area.

If OSET asserts that the carrier has not made best efforts to adequately mitigate the problem, then the State may file a complaint before the FCC.

WIRELESS ACCURACY TESTING
CONCLUSIONS
AND DATA

E9-1-1 Phase II Accuracy Testing – Handset-Based Technology

The FCC requirement for wireless carriers using handset-based technology is: Phase II location must be accurate within 50 meters for 67 percent of calls and within 150 meters for 95 percent of calls.

Analyses of the test calls conducted by OSET has shown that only one of the handset-based carriers has passed, on part of the threshold for compliance established by the Federal Communications Commission (FCC) in Docket 94-102. Table 2 (page 13) shows that Nextel has achieved compliance under the requirement of 67 percent of calls being located within 50 meters. Nextel's success rate for that requirement was 75.15 percent. Under the requirement for 95 percent of calls being located within 150 meters, Nextel's compliance rate was 77.58 percent or 17.42 percentage points below the 95 percent requirement.

Sprint PCS failed to achieve compliance under either requirement with only 66.80 percent under the 50-meter criteria and only 71.60 percent under the 150-meter criteria. Verizon Wireless also failed to achieve compliance under either requirement with a rate of 54.1 percent under the 50-meter criteria and 68.52 percent under the 150-meter criteria.

TABLE 2

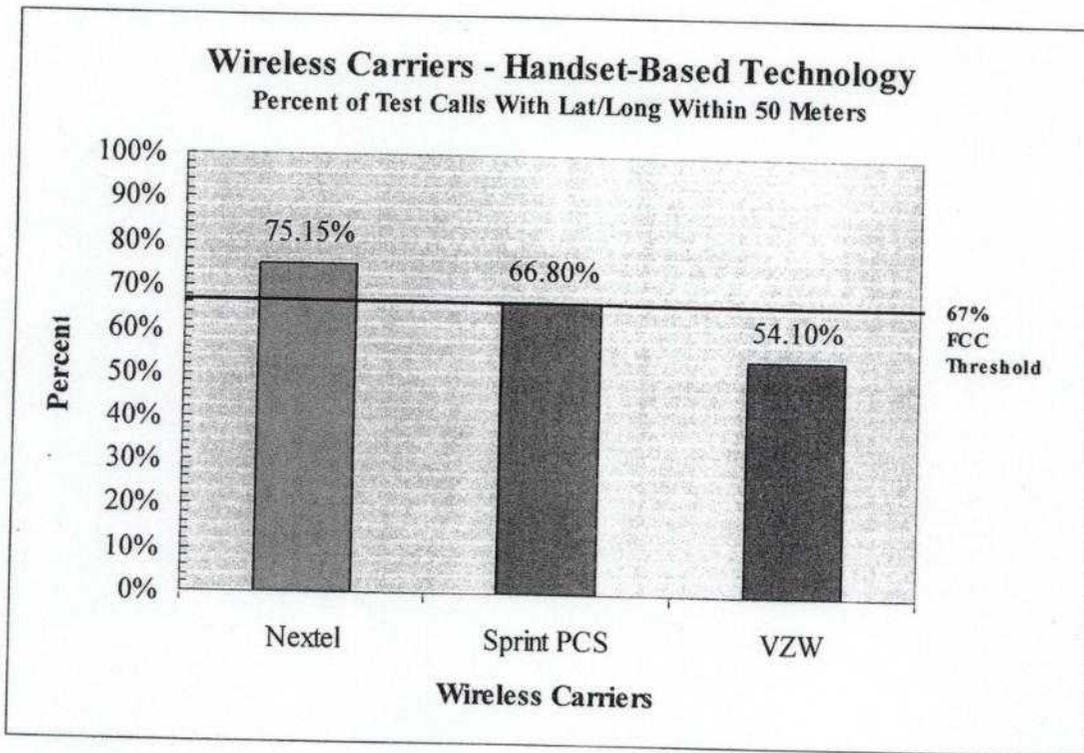
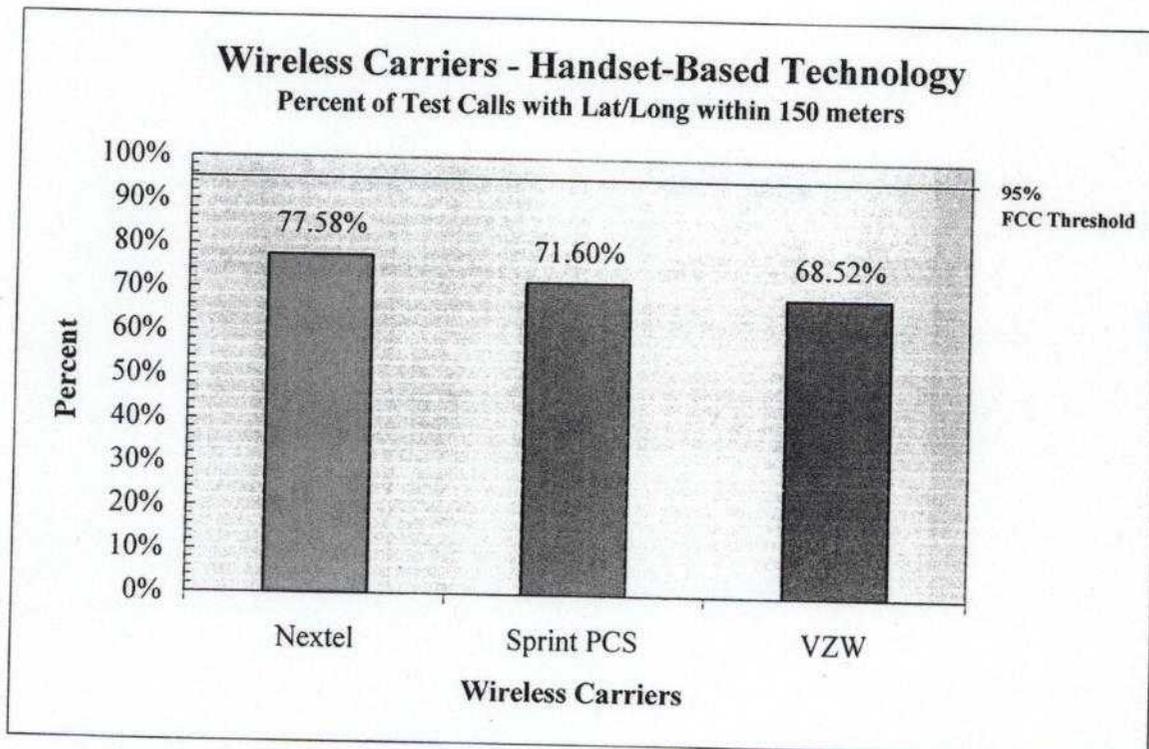


TABLE 3



E9-1-1 Phase II Accuracy Testing – Network-Based Technology

The FCC requirement for wireless carriers using network-based technology is: Phase II location must be accurate within 100 meters for 67 percent of calls and within 300 meters for 95 percent of calls.

Analyses of the test calls conducted by OSET have shown that none of the network-based carriers have passed either threshold for compliance established by the Federal Communications Commission (FCC) in Docket 94-102.

Table 4 (page 15) shows that AT&T Wireless (GSM) failed to achieve compliance under either requirement with only 14.55 percent under the 100-meter criteria and 30.34 percent under the 300-meter criteria. AT&T Wireless (TDMA) failed to achieve compliance under either requirement with only 34.52 percent under the 100-meter criteria and 56.13 percent under the 300-meter criteria.

Cingular Wireless (GSM) failed to achieve compliance under either requirement with only 29.26 percent under the 100-meter criteria and 48.01 percent under the 300-meter criteria. Cingular Wireless (TDMA) failed to achieve compliance under either requirement with only 24.77 percent under the 100-meter criteria and 61.47 percent under the 300-meter criteria.

T-Mobile failed to achieve compliance under either requirement with only 47.69 percent under the 100-meter criteria and 63.85 percent under the 300-meter criteria.

TABLE 4

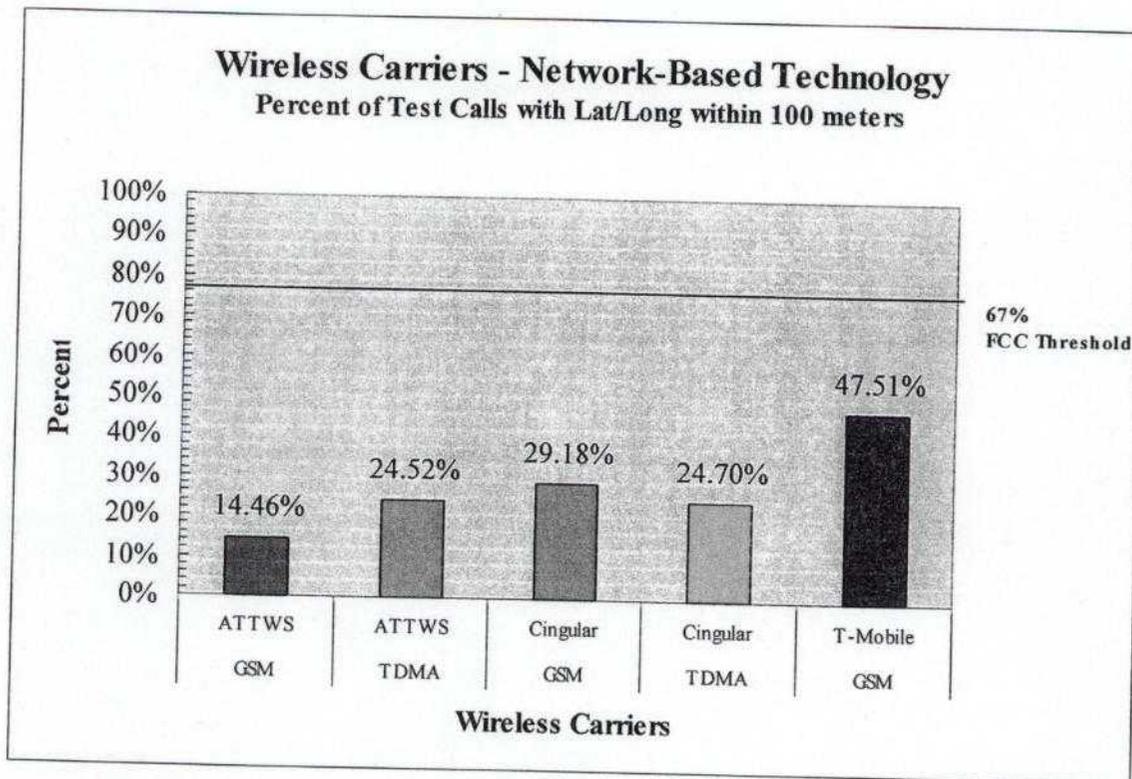
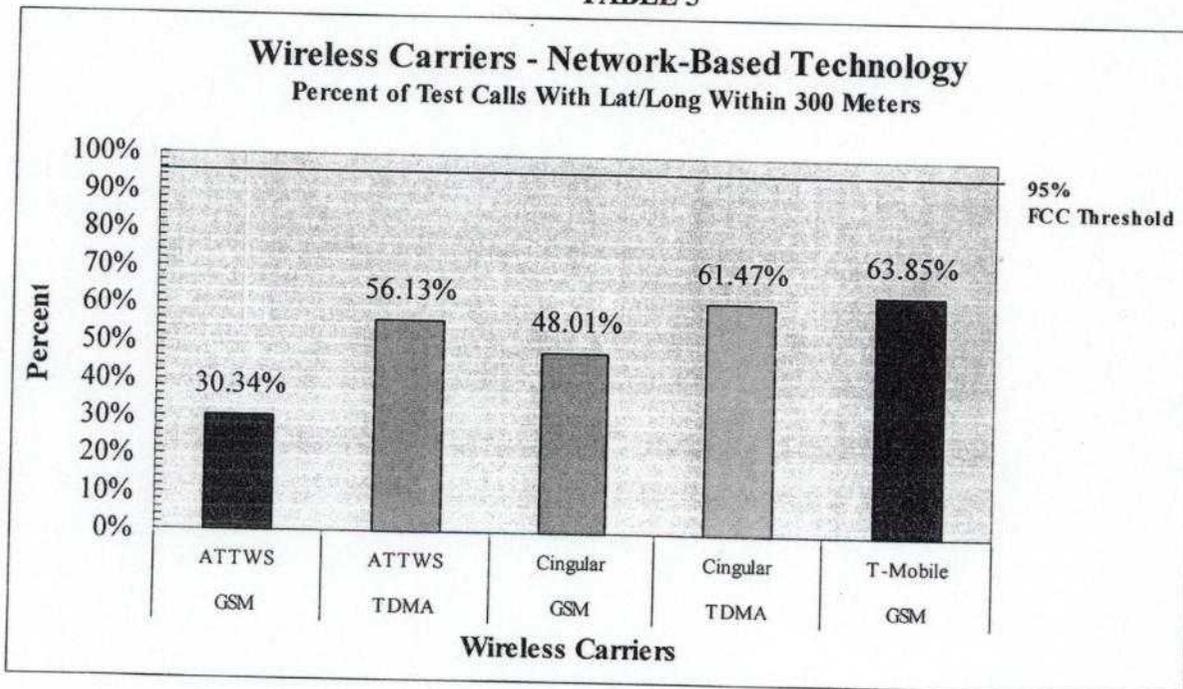


TABLE 5



Handset Technology - Accuracy Of Phase II Latitude and Longitude Per Call

The distance data calculated between the original latitude and longitude and the E9-1-1 latitude and longitude received by the PSAP from the handset technology wireless carriers is shown in Tables 6 – 8 (pages 17 – 18). The graph shows the number of calls made for each wireless carrier and transmission technology where the distance received by the PSAP that was: less than 50 meters, greater than 50 and less than 150 meters, greater than 150 meters and less than 200 meters, greater than 200 meters and less than 500 meters, greater than 500 meters and less than 1,000 meters, greater than 1,000 meters and less than 5,000 meters, greater than 5,000 meters and less than 10,000 meters, and greater than 10,000 meters.

Distance data for 330 Nextel test calls show that the Phase II latitude and longitude for: 248 calls were within 50 meters, eight calls were between 50 meters and 150 meters, one call was between 150 meters and 200 meters, two calls were between 200 meters and 500 meters, seven calls were between 500 meters and 1,000 meters, 36 calls were between 1,000 meters and 5,000 meters, 17 calls were between 5,000 and 10,000 meters, and 11 calls were over 10,000 meters.

Distance data for 250 Sprint PCS test calls shows that the Phase II latitude and longitude for: 167 calls were within 50 meters, 12 calls were between 50 meters and 150 meters, two calls were between 150 meters and 200 meters, seven calls were between 200 meters and 500 meters, seven calls were between 500 meters and 1,000 meters, 28 calls were between 1,000 meters and 5,000 meters, 17 calls were between 5,000 meters and 10,000 meters, and 10 calls were over 10,000 meters.

Distance data for 305 Verizon Wireless test calls show that the Phase II latitude and longitude for: 165 calls were within 50 meters, 44 calls were between 50 meters and 150 meters, 10 calls were between 150 meters and 200 meters, 10 calls were between 200 meters and 500 meters, nine calls were between 500 meters and 1,000 meters, 39 calls were between 1,000 meters and 5,000 meters, 18 calls were between 5,000 meters and 10,000 meters, and 10 calls were over 10,000 meters.

The number of test calls vary for each wireless carrier due to the different number of calls that were counted for compliance that did not include the following: calls where no service was available, calls where no latitude or longitude was available, calls received by PSAPs out of state, and calls received as a different wireless carrier by the PSAP.

Handset Technology - Accuracy Of Phase II Latitude and Longitude Per Call

TABLE 6

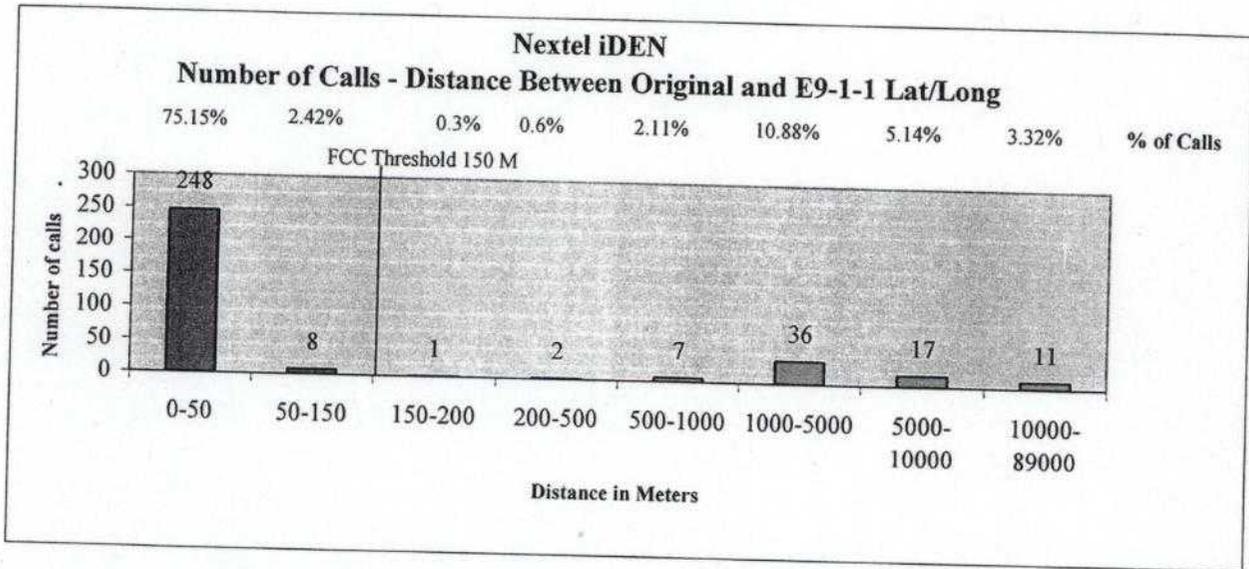
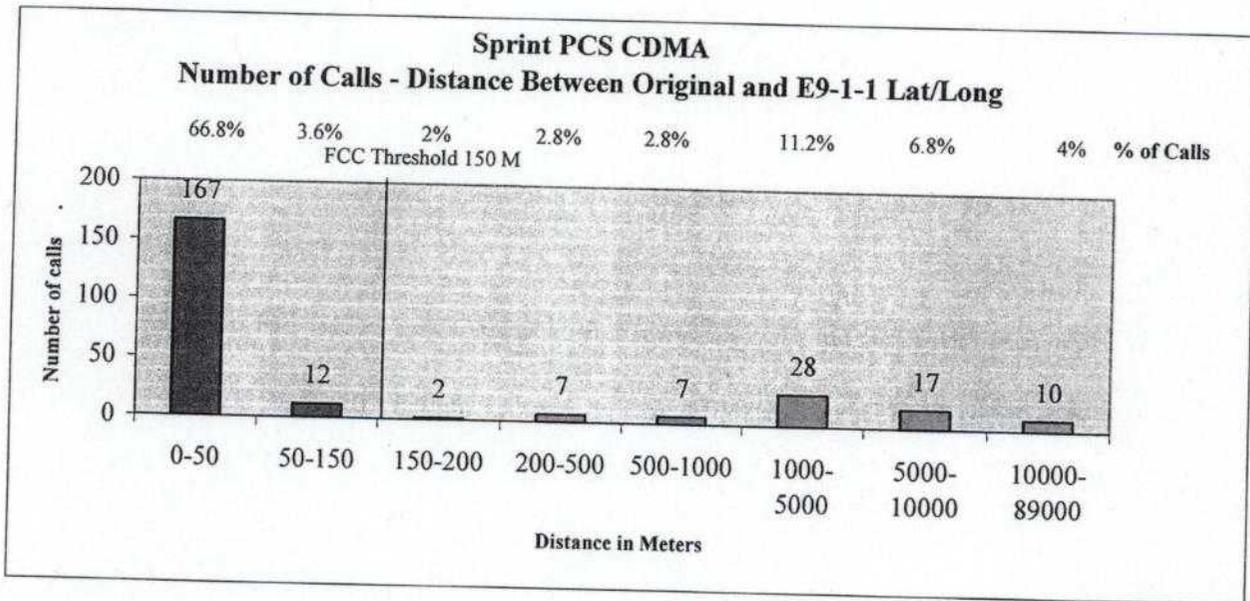
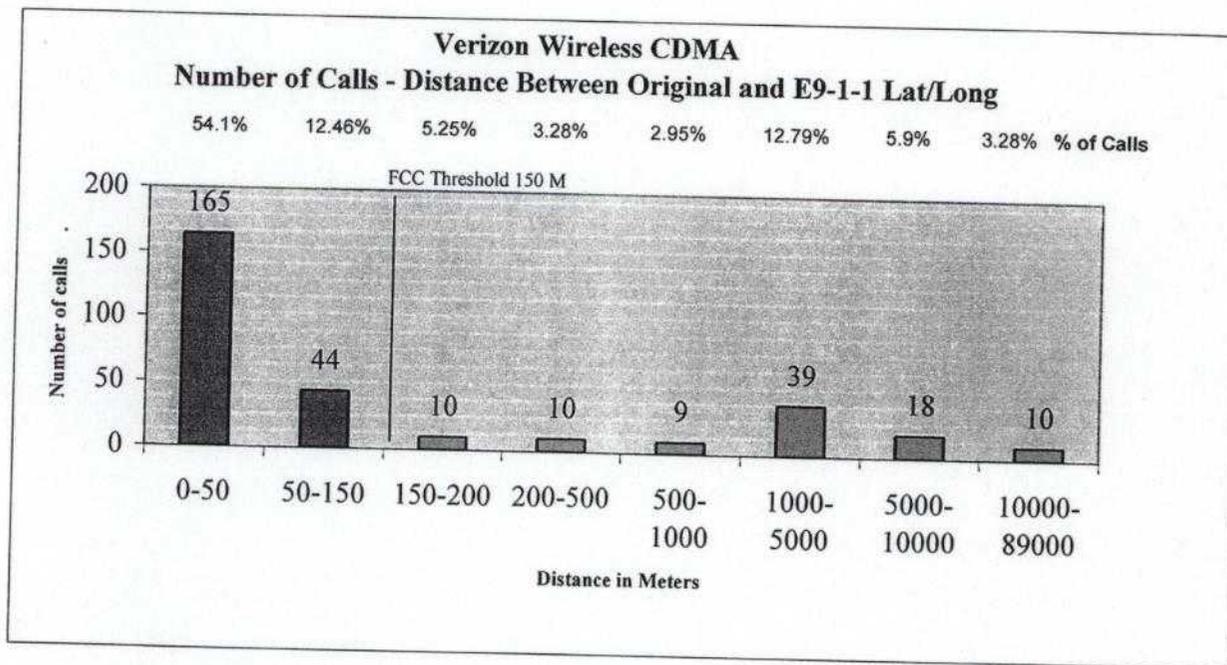


TABLE 7



Handset Technology - Accuracy Of Phase II Latitude and Longitude Per Call

TABLE 8



Network Technology Accuracy Of Phase II Latitude and Longitude Per Call

The distance data calculated between the original latitude and longitude and the E9-1-1 latitude and longitude received by the PSAP from the network technology wireless carriers is shown in Tables 9 - 13 (pages 20 - 22). The graph shows the number of calls made for each wireless carrier and transmission technology where the distance received by the PSAP was: less than 100 meters, greater than 100 meters and less than 300 meters, greater than 300 meters and less than 500 meters, greater than 500 meters and less than 1,000 meters, greater than 1,000 meters and less than 5,000 meters, greater than 5,000 meters and less than 10,000 meters, and greater than 10,000 meters.

Distance data for 323 ATTWS GSM test calls show that the Phase II latitude and longitude for: 47 calls were within 100 meters, 51 calls were between 100 meters and 300 meters, 18 calls were between 300 meters and 500 meters, 88 calls were between 500 meters and 1,000 meters, 60 calls were between 1,000 meters and 5,000 meters, 40 calls were between 5,000 meters and 10,000 meters, and 19 calls were over 10,000 meters.

Distance data for 310 ATTWS TDMA test calls show that the Phase II latitude and longitude for: 76 calls were within 100 meters, 98 calls were between 100 meters and 300 meters, 26 calls were between 300 meters and 500 meters, 27 calls were between 500 meters and 1,000 meters, 47 calls were between 1,000 meters and 5,000 meters, 20 calls were between 5,000 meters and 10,000 meters, and 16 calls were over 10,000 meters.

Distance data for 352 Cingular Wireless GSM test calls show that the Phase II latitude and longitude for: 123 calls were within 100 meters, 66 calls were between 100 meters and 300 meters, 14 calls were between 300 meters and 500 meters, 28 calls were between 500 meters and 1,000 meters, 93 calls were between 1,000 meters and 5,000 meters, 34 calls were between 5,000 meters and 10,000 meters, and 14 calls were over 10,000 meters.

Distance data for 327 Cingular TDMA test calls show that the Phase II latitude and longitude for: 81 calls were within 100 meters, 120 calls were between 100 meters and 300 meters, 38 calls were between 300 meters and 500 meters, 27 calls were between 500 meters and 1,000 meters, 38 calls were between 1,000 meters and 5,000 meters, 14 calls were between 5,000 meters and 10,000 meters, and nine calls were over 10,000 meters.

Distance data for 260 T-Mobile test calls show that the Phase II latitude and longitude for: 124 calls were within 100 meters, 42 calls were between 100 meters and 300 meters, 12 calls was between 300 meters and 500 meters, 17 calls were between 500 meters and 1,000 meters, 35 calls were between 1,000 meters and 5,000 meters, 12 calls were between 5,000 meters and 10,000 meters, and 12 calls were over 10,000 meters.

The number of test calls vary for each wireless carrier due to the different number of calls that were counted for compliance that did not include the following: calls where no service was available, calls where no latitude or longitude was available, calls received by PSAPs out of state, and calls received as a different wireless carrier by the PSAP.

Network Technology Accuracy Of Phase II Latitude and Longitude Per Call

TABLE 9

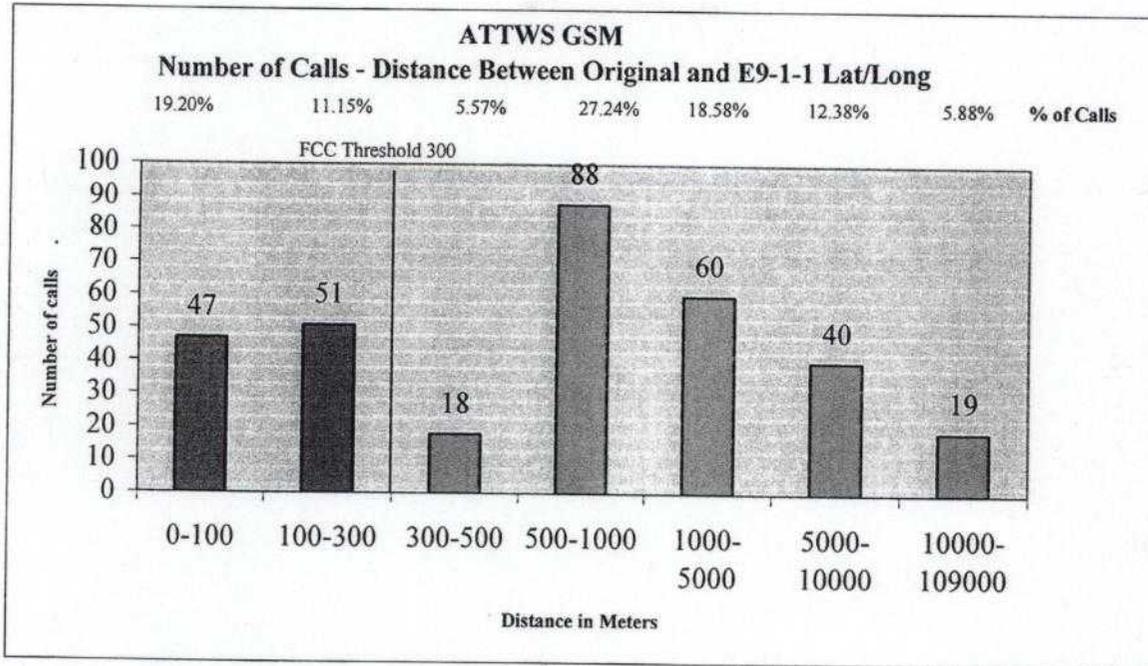
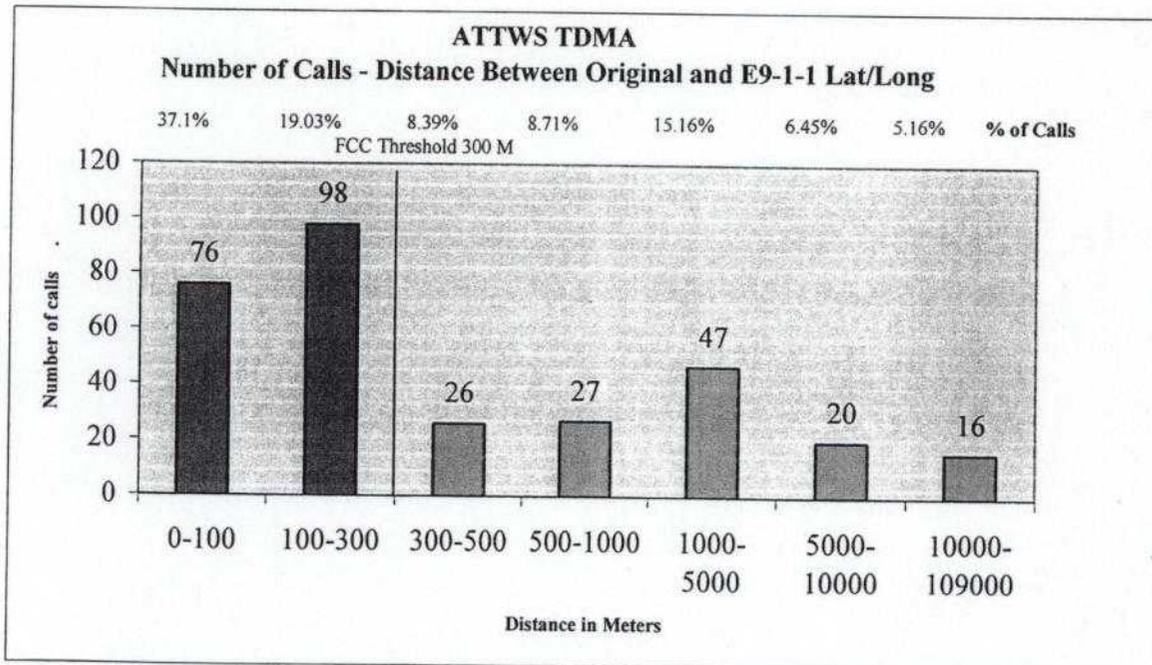


TABLE 10



Network Technology Accuracy Of Phase II Latitude and Longitude Per Call

TABLE 11

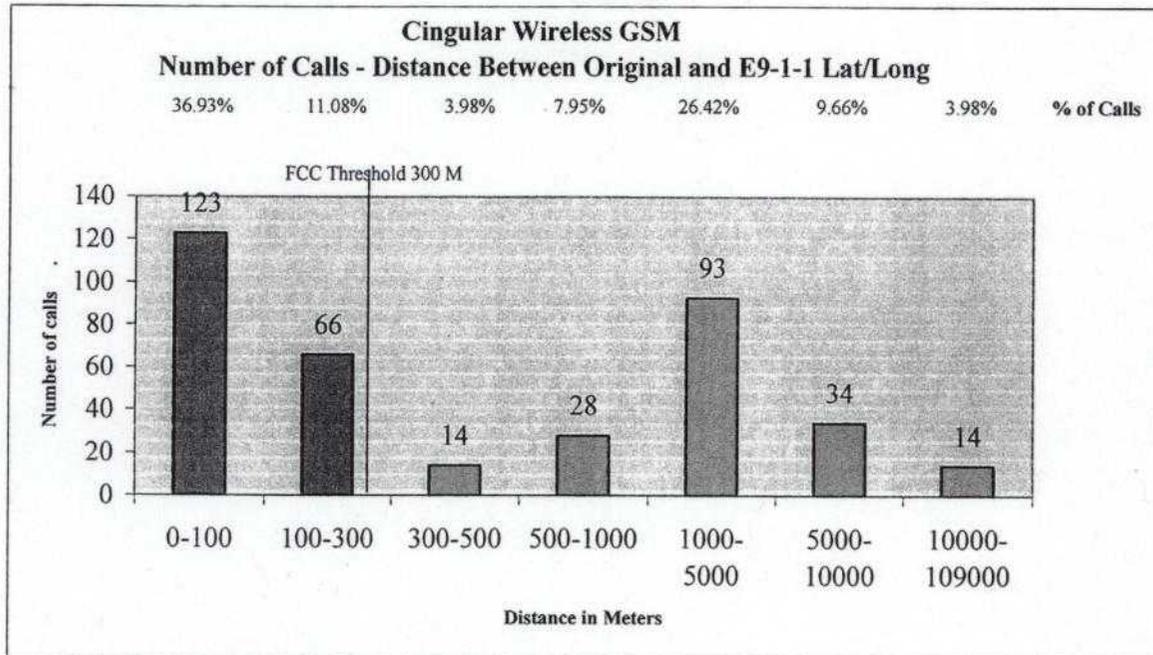
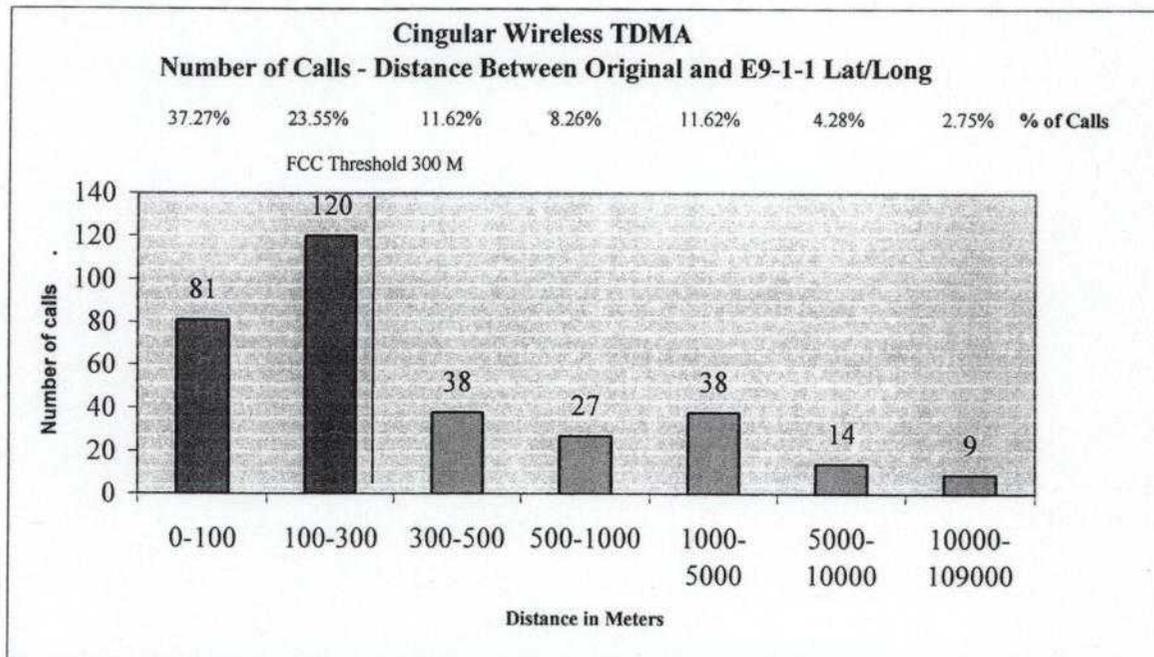
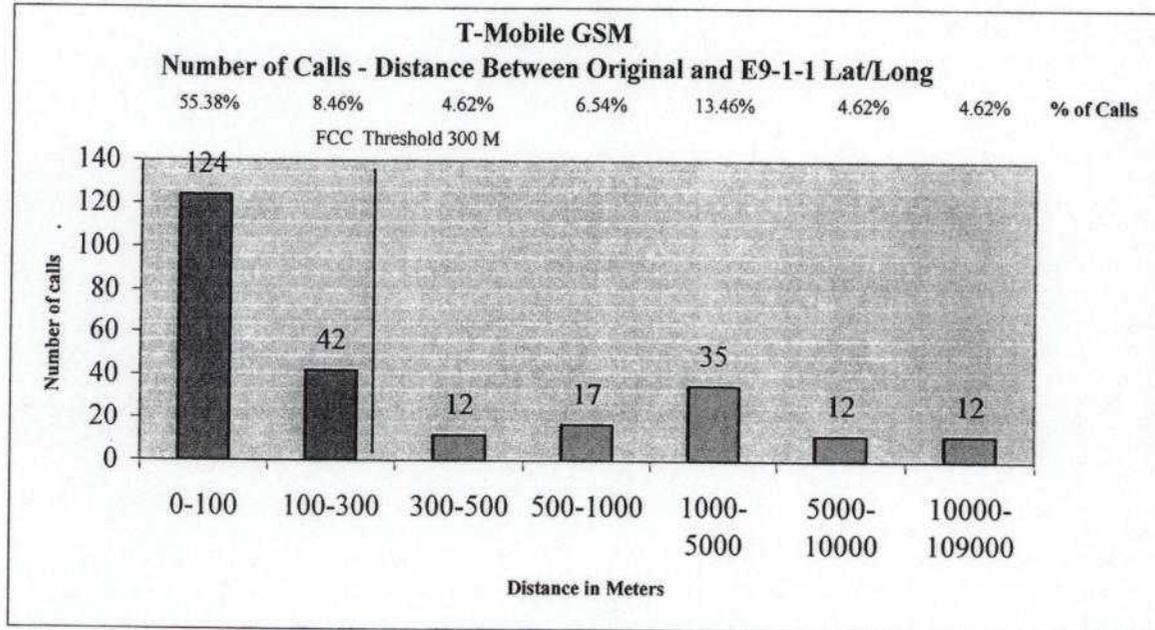


TABLE 12



Network Technology Accuracy Of Phase II Latitude and Longitude Per Call

TABLE 13



Pages 23-138
Detailed Site Data Omitted From Section

2005 Report to the General Assembly

DEPARTMENT OF PUBLIC SAFETY

Office of Statewide Emergency Telecommunications

Glossary

APPENDIX C

2005 Report to the General Assembly

GLOSSARY

ALI – Automatic Location Identification – A display of the caller's address and type of service. If a business, the name of the business is also displayed. If a residence, the listed name associated with the telephone number is displayed. The PSAP will also get a display of the associated emergency service number (ESN) information (police, fire and ambulance).

ANI – Automatic Number Identification – Corresponds to the caller's seven-digit telephone number. The ANI displays at the PSAP on the digital E9-1-1 workstation monitor.

CAD – Computer-Aided Dispatch – Public safety dispatching with computers aiding in the process. Aid may be a simple display of pertinent information on a screen, up to the actual selection and notification of field units by the computer. E9-1-1 systems may be interfaced with CAD systems.

CDMA – Code Division Multiple Access - CDMA is a spread-spectrum technology that allows multiple frequencies to be used simultaneously. CDMA codes every digital packet it sends with a unique key. A CDMA receiver responds only to that key and can pick out and demodulate the associated signal.

CLEC – Competitive Local Exchange Carrier – A company that competes with the successors of Bell Telephone to provide local telephone services.

DBMS – Database Management System – A database managed by the telephone company, which includes ANI and ALI information.

EMD – Emergency Medical Dispatch – Instructions provided to a 9-1-1 caller by PSAP personnel prior to the arrival of medical services.

EMS – Emergency Medical Services

ESRI – Environmental Systems Research Institute is a geographic information system (GIS) software vendor/provider.

E2 Interface – Communication link between the PSAP's ALI database and the carrier's Mobile Positioning Center (MPC). This link transmits requests and responses for location information of cell phones.

E9-1-1 – Enhanced 9-1-1 Emergency Telephone Number System consisting of telephone network features and PSAPs for users of the public telephone system to reach a PSAP by dialing the digits "9-1-1". The system directs E9-1-1 calls to the appropriate PSAP by selective routing based on the geographical location from which the call originated and provides the capability for ANI and ALI display.

GIS – Geographic information system – A system or configuration of computer hardware and software tools that provide for the analysis and the display of location-related information or spatial data on maps. The system consists of a relational database, which contains information, associated maps, and a graphic capability to plot the data on maps.

GSM – Global System for Mobile Communication – A globally accepted standard for digital cellular communication. GSM is the name of a standardization group established in 1982 to create a common European mobile telephone standard. It is estimated that many countries outside of Europe will join the GSM partnership.

iDEN – Integrated Digital Enhanced Network – a wireless technology combining the capabilities of a digital cellular telephone, two-way radio, alphanumeric pages and data/fax modem in a single network.

MPC – Mobile positioning center provides latitude and longitude data for signals generated by cell phones.

PSAP – Public Safety Answering Point – A facility operated on a twenty-four hour basis, assigned the responsibility of receiving 9-1-1 calls and directly dispatching emergency response services, as needed, or transferring or relaying 9-1-1 calls to other public safety agencies. The PSAP is the first point of reception of a 9-1-1 call.

Selective Routing – The capability to route a call to a particular PSAP based on the geographical location from which the call originated.

Street Center Line Data – Geographical data that displays the physical center of a street or road as a computer-drawn digitalized line on a GIS-created map.

TDMA – Time Division Multiple Access is digital transmission technology that allows a number of users to access a single radio-frequency channel without interference by allocation unique time slots to each user within each channel. The TDMA digital transmission scheme multiplexes three signals over a single channel. The current TDMA standard for cellular divides a single channel into six time slots, with each signal using two slots, providing a 3 to 1 gain in capacity over advanced mobile-phone service. Each caller is assigned a specific time slot for transmission.

Wireless Carrier – A company that provides mobile or cell telephone service.

Wireless Phase II – The Federal Communications Commission mandate requiring the provision of location data for cell phone E9-1-1 calls.

Wireline Carrier – A company that provides local telephone services via wireline technology as opposed to mobile or cell phone (wireless) technology.

DEPARTMENT OF PUBLIC SAFETY

Office of Statewide Emergency Telecommunications

E9-1-1 Monthly Call Volume by Public Safety Answering Point 2005

APPENDIX D

2005 PSAP 9-1-1 Call Counts

PSAP Name	Month	Wireline	Wireless	Total Calls
<hr/> ANSONIA PD				
	JAN	336	242	578
	FEB	307	183	490
	MAR	377	232	609
	APR	379	230	609
	MAY	380	260	640
	JUN	381	277	658
	JUL	369	244	613
	AUG	329	216	545
	SEP	346	229	575
	OCT	377	231	608
	NOV	351	219	570
	DEC	347	245	592
	YTD	4279	2808	7087
<hr/> AVON PD				
	JAN	227	221	448
	FEB	247	212	459
	MAR	237	245	482
	APR	218	287	505
	MAY	222	289	511
	JUN	260	298	558
	JUL	237	367	604
	AUG	212	315	527
	SEP	212	297	509
	OCT	233	269	502
	NOV	245	306	551
	DEC	238	331	569
	YTD	2788	3437	6225
<hr/> BERLIN PD				
	JAN	274	288	562
	FEB	227	295	522
	MAR	253	298	551
	APR	251	338	589
	MAY	238	323	561
	JUN	279	391	670
	JUL	271	380	651
	AUG	256	394	650

PSAP Name	Month	Wireline	Wireless	Total Calls
	SEP	239	412	651
	OCT	304	350	654
	NOV	205	340	545
	DEC	274	372	646
	YTD	3071	4181	7252

BETHEL PD

JAN	275	177	452
FEB	241	123	364
MAR	297	163	460
APR	358	177	535
MAY	382	189	571
JUN	376	207	583
JUL	272	261	533
AUG	330	207	537
SEP	337	231	568
OCT	354	191	545
NOV	284	201	485
DEC	316	239	555
YTD	3822	2366	6188

BLOOMFIELD PD

JAN	697	450	1147
FEB	628	519	1147
MAR	627	477	1104
APR	627	515	1142
MAY	677	500	1177
JUN	642	568	1210
JUL	670	541	1211
AUG	698	477	1175
SEP	605	522	1127
OCT	753	532	1285
NOV	593	513	1106
DEC	567	477	1044
YTD	7784	6091	13875

BRANFORD PD

JAN	575	398	973
FEB	474	309	783
MAR	549	348	897
APR	530	334	864

PSAP Name	Month	Wireline	Wireless	Total Calls
	MAY	510	334	844
	JUN	599	414	1013
	JUL	595	476	1071
	AUG	547	391	938
	SEP	539	363	902
	OCT	542	380	922
	NOV	492	346	838
	DEC	505	398	903
	YTD	6457	4491	10948

BRIDGEPORT FD

JAN	5963	2349	8312
FEB	5529	2689	8218
MAR	6063	3115	9178
APR	6592	2809	9401
MAY	6736	3119	9855
JUN	7469	3371	10840
JUL	7647	3302	10949
AUG	7356	3250	10606
SEP	6967	3172	10139
OCT	6102	3055	9157
NOV	5921	2951	8872
DEC	5906	2771	8677
YTD	78251	35953	114204

BRISTOL PD

JAN	1053	951	2004
FEB	1028	906	1934
MAR	1154	1040	2194
APR	1137	980	2117
MAY	1135	996	2131
JUN	1260	1199	2459
JUL	1173	1184	2357
AUG	1134	1151	2285
SEP	1110	1138	2248
OCT	1185	1211	2396
NOV	1052	1116	2168
DEC	1024	1159	2183
YTD	13445	13031	26476

BROOKFIELD PD

PSAP Name	Month	Wireline	Wireless	Total Calls
	JAN	209	278	487
	FEB	223	244	467
	MAR	309	292	601
	APR	194	258	452
	MAY	209	313	522
	JUN	228	374	602
	JUL	235	448	683
	AUG	218	431	649
	SEP	239	320	559
	OCT	192	373	565
	NOV	205	347	552
	DEC	237	356	593
	YTD	2698	4034	6732

CANTON PD

JAN	108	123	231
FEB	96	87	183
MAR	96	128	224
APR	114	174	288
MAY	92	167	259
JUN	130	193	323
JUL	118	181	299
AUG	104	185	289
SEP	119	124	243
OCT	153	200	353
NOV	136	153	289
DEC	122	189	311
YTD	1388	1904	3292

CHESHIRE PD

JAN	446	274	720
FEB	372	215	587
MAR	363	262	625
APR	360	261	621
MAY	383	305	688
JUN	383	313	696
JUL	414	272	686
AUG	429	252	681
SEP	409	268	677
OCT	381	307	688
NOV	373	309	682

PSAP Name	Month	Wireline	Wireless	Total Calls
	DEC	432	307	739
	YTD	4745	3345	8090

CLINTON ECC

JAN	152	114	266
FEB	160	106	266
MAR	149	113	262
APR	128	121	249
MAY	172	146	318
JUN	165	149	314
JUL	180	189	369
AUG	180	161	341
SEP	154	151	305
OCT	151	125	276
NOV	130	142	272
DEC	152	140	292
YTD	1873	1657	3530

COLCHESTER ECC

JAN	610	752	1362
FEB	578	750	1328
MAR	662	805	1467
APR	644	684	1328
MAY	641	812	1453
JUN	727	988	1715
JUL	802	1115	1917
AUG	686	891	1577
SEP	658	853	1511
OCT	678	925	1603
NOV	692	773	1465
DEC	685	926	1611
YTD	8063	10274	18337

CROMWELL PD

JAN	202	139	341
FEB	202	116	318
MAR	252	125	377
APR	216	141	357
MAY	213	146	359
JUN	240	153	393
JUL	277	167	444

PSAP Name	Month	Wireline	Wireless	Total Calls
	AUG	285	193	478
	SEP	229	126	355
	OCT	260	182	442
	NOV	237	138	375
	DEC	255	156	411
	YTD	2868	1782	4650

CSP TROOP A

JAN	138	4096	4234
FEB	93	4426	4519
MAR	123	6225	6348
APR	99	6347	6446
MAY	141	6876	7017
JUN	153	7373	7526
JUL	185	6985	7170
AUG	134	7273	7407
SEP	110	6318	6428
OCT	125	6799	6924
NOV	433	6194	6627
DEC	126	7264	7390
YTD	1860	76176	78036

CSP TROOP B

JAN	122	441	563
FEB	82	285	367
MAR	99	446	545
APR	126	458	584
MAY	97	417	514
JUN	129	480	609
JUL	191	443	634
AUG	160	481	641
SEP	137	451	588
OCT	143	505	648
NOV	116	455	571
DEC	92	471	563
YTD	1494	5333	6827

CSP TROOP C

JAN	229	824	1053
FEB	179	628	807
MAR	213	689	902

PSAP Name	Month	Wireline	Wireless	Total Calls
	APR	179	664	843
	MAY	202	641	843
	JUN	279	706	985
	JUL	250	726	976
	AUG	237	711	948
	SEP	259	704	963
	OCT	284	847	1131
	NOV	186	700	886
	DEC	188	887	1075
	YTD	2685	8727	11412

CSP TROOP D

JAN	199	398	597
FEB	169	299	468
MAR	166	434	600
APR	192	334	526
MAY	184	362	546
JUN	240	476	716
JUL	239	435	674
AUG	235	409	644
SEP	238	345	583
OCT	205	393	598
NOV	195	335	530
DEC	194	481	675
YTD	2456	4701	7157

CSP TROOP E

JAN	295	4132	4427
FEB	254	3555	3809
MAR	300	4118	4418
APR	345	4143	4488
MAY	302	4381	4683
JUN	458	4918	5376
JUL	468	5216	5684
AUG	411	5080	5491
SEP	366	4249	4615
OCT	345	4220	4565
NOV	337	3877	4214
DEC	283	4089	4372
YTD	4164	51978	56142

PSAP Name	Month	Wireline	Wireless	Total Calls
CSP TROOP F				
	JAN	117	643	760
	FEB	73	492	565
	MAR	97	634	731
	APR	108	625	733
	MAY	136	681	817
	JUN	152	914	1066
	JUL	165	1015	1180
	AUG	134	831	965
	SEP	139	659	798
	OCT	121	679	800
	NOV	119	634	753
	DEC	139	728	867
	YTD	1500	8535	10035
CSP TROOP G				
	JAN	138	20555	20693
	FEB	93	20202	20295
	MAR	86	23133	23219
	APR	86	23458	23544
	MAY	108	25139	25247
	JUN	120	28017	28137
	JUL	133	26561	26694
	AUG	116	25534	25650
	SEP	104	25228	25332
	OCT	113	24878	24991
	NOV	235	23413	23648
	DEC	111	24715	24826
	YTD	1443	290833	292276
CSP TROOP H				
	JAN	150	19793	19943
	FEB	139	16323	16462
	MAR	174	17979	18153
	APR	207	18380	18587
	MAY	227	19166	19393
	JUN	164	21641	21805
	JUL	159	21329	21488
	AUG	167	20523	20690
	SEP	133	19290	19423
	OCT	128	20527	20655

PSAP Name	Month	Wireline	Wireless	Total Calls
	NOV	222	17600	17822
	DEC	125	18455	18580
	YTD	1995	231006	233001

CSP TROOP I

JAN	157	9977	10134
FEB	120	9535	9655
MAR	158	10603	10761
APR	221	10634	10855
MAY	261	10726	10987
JUN	219	12096	12315
JUL	214	11997	12211
AUG	218	10722	10940
SEP	139	10508	10647
OCT	100	10795	10895
NOV	141	10180	10321
DEC	104	12146	12250
YTD	2052	129919	131971

CSP TROOP K

JAN	155	514	669
FEB	150	468	618
MAR	155	504	659
APR	172	516	688
MAY	201	530	731
JUN	259	675	934
JUL	264	675	939
AUG	191	578	769
SEP	177	500	677
OCT	164	518	682
NOV	177	532	709
DEC	167	620	787
YTD	2232	6630	8862

CSP TROOP L

JAN	203	572	775
FEB	199	538	737
MAR	213	619	832
APR	194	766	960
MAY	208	559	767
JUN	282	679	961

PSAP Name	Month	Wireline	Wireless	Total Calls
	JUL	281	739	1020
	AUG	225	549	774
	SEP	169	467	636
	OCT	213	564	777
	NOV	152	555	707
	DEC	149	626	775
	YTD	2488	7233	9721
CSP TROOP W				
	JAN	122	244	366
	FEB	110	152	262
	MAR	103	179	282
	APR	79	165	244
	MAY	89	156	245
	JUN	122	140	262
	JUL	117	177	294
	AUG	102	194	296
	SEP	63	158	221
	OCT	84	193	277
	NOV	83	149	232
	DEC	882	149	1031
	YTD	1956	2056	4012
DANBURY FD				
	JAN	1793	1212	3005
	FEB	1592	1077	2669
	MAR	1859	1310	3169
	APR	1678	1264	2942
	MAY	1696	1334	3030
	JUN	1761	1527	3288
	JUL	1762	1643	3405
	AUG	1918	1584	3502
	SEP	1794	1590	3384
	OCT	1865	1698	3563
	NOV	1719	1412	3131
	DEC	1638	1505	3143
	YTD	21075	17156	38231
DARIEN PD				
	JAN	365	172	537
	FEB	303	131	434

PSAP Name	Month	Wireline	Wireless	Total Calls
	MAR	346	185	531
	APR	374	168	542
	MAY	382	200	582
	JUN	357	226	583
	JUL	429	185	614
	AUG	421	223	644
	SEP	367	172	539
	OCT	395	226	621
	NOV	360	225	585
	DEC	413	263	676
	YTD	4512	2376	6888

DERBY PD

JAN	228	241	469
FEB	199	187	386
MAR	237	256	493
APR	233	306	539
MAY	252	259	511
JUN	244	336	580
JUL	262	286	548
AUG	253	276	529
SEP	233	262	495
OCT	230	247	477
NOV	228	261	489
DEC	210	271	481
YTD	2809	3188	5997

EAST HARTFORD PD

JAN	1303	718	2021
FEB	1088	771	1859
MAR	1176	922	2098
APR	1248	1020	2268
MAY	1218	765	1983
JUN	1352	969	2321
JUL	1324	1104	2428
AUG	1315	969	2284
SEP	1126	998	2124
OCT	1207	893	2100
NOV	1112	804	1916
DEC	1215	924	2139

PSAP Name	Month	Wireline	Wireless	Total Calls
	YTD	14684	10857	25541
EAST HAVEN FD				
	JAN	668	301	969
	FEB	611	268	879
	MAR	635	377	1012
	APR	621	304	925
	MAY	650	361	1011
	JUN	664	453	1117
	JUL	661	396	1057
	AUG	645	331	976
	SEP	629	331	960
	OCT	674	358	1032
	NOV	627	353	980
	DEC	648	364	1012
	YTD	7733	4197	11930
EAST LYME ECC				
	JAN	306	58	364
	FEB	227	31	258
	MAR	251	42	293
	APR	285	43	328
	MAY	269	63	332
	JUN	324	86	410
	JUL	416	112	528
	AUG	348	71	419
	SEP	307	94	401
	OCT	552	80	632
	NOV	262	60	322
	DEC	266	67	333
	YTD	3813	807	4620
EAST WINDSOR PD				
	JAN	271	160	431
	FEB	217	137	354
	MAR	285	188	473
	APR	224	170	394
	MAY	217	262	479
	JUN	243	238	481
	JUL	223	226	449
	AUG	219	293	512

PSAP Name	Month	Wireline	Wireless	Total Calls
	SEP	208	206	414
	OCT	253	215	468
	NOV	221	220	441
	DEC	231	198	429
	YTD	2812	2513	5325

EASTON PD

JAN	93	48	141
FEB	89	37	126
MAR	92	78	170
APR	95	39	134
MAY	93	39	132
JUN	100	66	166
JUL	120	72	192
AUG	124	48	172
SEP	120	66	186
OCT	135	70	205
NOV	105	86	191
DEC	108	67	175
YTD	1274	716	1990

ENFIELD ECC

JAN	598	324	922
FEB	551	300	851
MAR	585	342	927
APR	676	359	1035
MAY	658	358	1016
JUN	651	416	1067
JUL	741	401	1142
AUG	722	460	1182
SEP	663	439	1102
OCT	798	546	1344
NOV	669	407	1076
DEC	637	490	1127
YTD	7949	4842	12791

FAIRFIELD ECC

JAN	913	684	1597
FEB	811	619	1430
MAR	810	665	1475
APR	884	646	1530

PSAP Name	Month	Wireline	Wireless	Total Calls
	MAY	870	794	1664
	JUN	981	763	1744
	JUL	1031	707	1738
	AUG	947	639	1586
	SEP	1003	684	1687
	OCT	972	768	1740
	NOV	868	734	1602
	DEC	891	668	1559
	YTD	10981	8371	19352

FARMINGTON PD

JAN	413	563	976
FEB	351	394	745
MAR	441	487	928
APR	393	435	828
MAY	390	584	974
JUN	409	533	942
JUL	383	581	964
AUG	422	584	1006
SEP	389	483	872
OCT	474	541	1015
NOV	423	523	946
DEC	475	563	1038
YTD	4963	6271	11234

GLASTONBURY PD

JAN	400	311	711
FEB	431	252	683
MAR	368	291	659
APR	429	225	654
MAY	433	275	708
JUN	416	308	724
JUL	433	318	751
AUG	411	300	711
SEP	424	302	726
OCT	432	273	705
NOV	373	260	633
DEC	442	314	756
YTD	4992	3429	8421

GRANBY PD

PSAP Name	Month	Wireline	Wireless	Total Calls
	JAN	195	209	404
	FEB	179	205	384
	MAR	189	165	354
	APR	209	162	371
	MAY	207	156	363
	JUN	213	219	432
	JUL	192	233	425
	AUG	185	190	375
	SEP	189	192	381
	OCT	230	228	458
	NOV	180	226	406
	DEC	204	153	357
	YTD	2372	2338	4710

GREENWICH PD

JAN	1447	648	2095
FEB	1175	536	1711
MAR	1416	671	2087
APR	1361	586	1947
MAY	1440	677	2117
JUN	1611	841	2452
JUL	1574	707	2281
AUG	1484	579	2063
SEP	1395	715	2110
OCT	1715	812	2527
NOV	1335	544	1879
DEC	1443	696	2139
YTD	17396	8012	25408

GROTON ECC

JAN	841	645	1486
FEB	721	576	1297
MAR	776	678	1454
APR	793	695	1488
MAY	754	688	1442
JUN	810	851	1661
JUL	873	853	1726
AUG	867	847	1714
SEP	835	740	1575
OCT	856	793	1649
NOV	814	719	1533

PSAP Name	Month	Wireline	Wireless	Total Calls
	DEC	718	680	1398
	YTD	9658	8765	18423
GUILFORD ECC				
	JAN	379	159	538
	FEB	457	175	632
	MAR	355	202	557
	APR	378	132	510
	MAY	440	228	668
	JUN	418	227	645
	JUL	434	229	663
	AUG	405	210	615
	SEP	382	233	615
	OCT	415	167	582
	NOV	387	173	560
	DEC	384	154	538
	YTD	4834	2289	7123
HAMDEN ECC				
	JAN	1195	794	1989
	FEB	1148	806	1954
	MAR	1194	900	2094
	APR	1365	1038	2403
	MAY	1319	1061	2380
	JUN	1273	1013	2286
	JUL	1342	898	2240
	AUG	1265	886	2151
	SEP	1295	1117	2412
	OCT	1340	1069	2409
	NOV	1134	928	2062
	DEC	1263	1075	2338
	YTD	15133	11585	26718
HARTFORD PD				
	JAN	7026	5922	12948
	FEB	6201	5829	12030
	MAR	7095	6663	13758
	APR	7560	7232	14792
	MAY	7803	8014	15817
	JUN	8619	8223	16842
	JUL	7622	7899	15521

PSAP Name	Month	Wireline	Wireless	Total Calls
	AUG	7676	7410	15086
	SEP	6964	7933	14897
	OCT	7120	7020	14140
	NOV	6128	6508	12636
	DEC	6318	6957	13275
	YTD	86132	85610	171742

LEDYARD ECC

JAN	324	281	605
FEB	279	319	598
MAR	291	327	618
APR	274	372	646
MAY	293	364	657
JUN	310	367	677
JUL	340	390	730
AUG	349	349	698
SEP	291	358	649
OCT	312	392	704
NOV	287	376	663
DEC	264	316	580
YTD	3614	4211	7825

LITCHFIELD CD ECC

JAN	876	863	1739
FEB	729	838	1567
MAR	779	820	1599
APR	747	528	1275
MAY	720	641	1361
JUN	887	732	1619
JUL	1063	715	1778
AUG	961	816	1777
SEP	816	746	1562
OCT	1024	705	1729
NOV	802	577	1379
DEC	794	476	1270
YTD	10198	8457	18655

MADISON PD

JAN	251	99	350
FEB	177	83	260
MAR	294	123	417

PSAP Name	Month	Wireline	Wireless	Total Calls
	APR	235	108	343
	MAY	263	158	421
	JUN	282	167	449
	JUL	271	170	441
	AUG	265	152	417
	SEP	217	121	338
	OCT	220	134	354
	NOV	201	121	322
	DEC	242	129	371
	YTD	2918	1565	4483

MANCHESTER PD

JAN	1219	764	1983
FEB	1055	803	1858
MAR	1142	684	1826
APR	1048	790	1838
MAY	1141	859	2000
JUN	1191	990	2181
JUL	1130	965	2095
AUG	1162	997	2159
SEP	1177	919	2096
OCT	1290	976	2266
NOV	1020	935	1955
DEC	1076	1014	2090
YTD	13651	10696	24347

MERIDEN PD

JAN	1273	993	2266
FEB	1164	841	2005
MAR	1256	974	2230
APR	1201	1001	2202
MAY	1162	953	2115
JUN	1311	1105	2416
JUL	1311	1132	2443
AUG	1322	1195	2517
SEP	1130	1057	2187
OCT	1253	1058	2311
NOV	1142	1114	2256
DEC	1216	1319	2535
YTD	14741	12742	27483

PSAP Name	Month	Wireline	Wireless	Total Calls
MIDDLEBURY PD				
	JAN	109	65	174
	FEB	94	58	152
	MAR	72	69	141
	APR	93	76	169
	MAY	118	71	189
	JUN	139	85	224
	JUL	92	89	181
	AUG	114	83	197
	SEP	96	79	175
	OCT	84	95	179
	NOV	78	67	145
	DEC	111	84	195
	YTD	1200	921	2121
MIDDLETOWN FD				
	JAN	978	745	1723
	FEB	878	623	1501
	MAR	987	697	1684
	APR	958	690	1648
	MAY	999	707	1706
	JUN	983	899	1882
	JUL	1021	905	1926
	AUG	1008	876	1884
	SEP	998	937	1935
	OCT	1054	798	1852
	NOV	996	772	1768
	DEC	838	762	1600
	YTD	11698	9411	21109
MILFORD FD				
	JAN	936	510	1446
	FEB	1764	495	2259
	MAR	3258	560	3818
	APR	3090	607	3697
	MAY	923	692	1615
	JUN	1023	772	1795
	JUL	985	727	1712
	AUG	938	689	1627
	SEP	890	707	1597
	OCT	879	633	1512

PSAP Name	Month	Wireline	Wireless	Total Calls
	NOV	767	592	1359
	DEC	905	728	1633
	YTD	16358	7712	24070

MONROE PD

JAN	230	287	517
FEB	218	227	445
MAR	260	316	576
APR	230	254	484
MAY	258	279	537
JUN	271	325	596
JUL	272	274	546
AUG	250	289	539
SEP	213	342	555
OCT	216	341	557
NOV	206	308	514
DEC	244	366	610
YTD	2868	3608	6476

MONTVILLE ECC

JAN	1089	278	1367
FEB	1112	265	1377
MAR	1104	315	1419
APR	1229	340	1569
MAY	318	340	658
JUN	313	349	662
JUL	339	344	683
AUG	294	390	684
SEP	301	320	621
OCT	303	359	662
NOV	257	334	591
DEC	286	297	583
YTD	6945	3931	10876

NAUGATUCK PD

JAN	497	293	790
FEB	468	305	773
MAR	561	319	880
APR	540	262	802
MAY	524	279	803
JUN	563	367	930

PSAP Name	Month	Wireline	Wireless	Total Calls
	JUL	562	339	901
	AUG	546	350	896
	SEP	521	342	863
	OCT	569	240	809
	NOV	478	262	740
	DEC	584	454	1038
	YTD	6413	3812	10225

NEW BRITAIN ERC

JAN	1827	1173	3000
FEB	1683	1203	2886
MAR	1892	1313	3205
APR	1990	1484	3474
MAY	2025	1541	3566
JUN	2082	1855	3937
JUL	2122	1739	3861
AUG	2177	1679	3856
SEP	2006	1616	3622
OCT	2033	1581	3614
NOV	1841	1506	3347
DEC	1873	1543	3416
YTD	23551	18233	41784

NEW CANAAN PD

JAN	344	136	480
FEB	314	127	441
MAR	303	133	436
APR	334	121	455
MAY	396	164	560
JUN	473	168	641
JUL	369	154	523
AUG	386	157	543
SEP	395	186	581
OCT	411	189	600
NOV	335	161	496
DEC	401	172	573
YTD	4461	1868	6329

NEW FAIRFIELD PD

JAN	217	133	350
FEB	193	97	290

PSAP Name	Month	Wireline	Wireless	Total Calls
	MAR	204	141	345
	APR	226	82	308
	MAY	219	135	354
	JUN	224	164	388
	JUL	269	168	437
	AUG	270	138	408
	SEP	210	144	354
	OCT	271	201	472
	NOV	228	118	346
	DEC	217	149	366
	YTD	2748	1670	4418

NEW HAVEN ECC

JAN	5336	4770	10106
FEB	4971	4886	9857
MAR	5701	5636	11337
APR	6026	6360	12386
MAY	5945	6445	12390
JUN	6275	7153	13428
JUL	6245	6670	12915
AUG	6130	6439	12569
SEP	5808	6600	12408
OCT	5759	6339	12098
NOV	5240	5820	11060
DEC	5189	5613	10802
YTD	68625	72731	141356

NEW LONDON PD

JAN	2305	587	2892
FEB	1967	506	2473
MAR	1397	580	1977
APR	939	673	1612
MAY	1021	692	1713
JUN	1090	790	1880
JUL	1026	812	1838
AUG	999	747	1746
SEP	1042	798	1840
OCT	1118	748	1866
NOV	872	643	1515
DEC	902	642	1544

PSAP Name	Month	Wireline	Wireless	Total Calls
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	YTD	14678	8218	22896
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NEW MILFORD PD

JAN	409	316	725
FEB	368	308	676
MAR	395	254	649
APR	395	327	722
MAY	431	321	752
JUN	396	436	832
JUL	434	427	861
AUG	433	377	810
SEP	344	337	681
OCT	428	426	854
NOV	440	294	734
DEC	408	424	832
YTD	4881	4247	9128

NEWINGTON PD

JAN	481	531	1012
FEB	521	463	984
MAR	575	611	1186
APR	481	571	1052
MAY	457	569	1026
JUN	476	677	1153
JUL	461	620	1081
AUG	470	757	1227
SEP	472	693	1165
OCT	512	654	1166
NOV	439	548	987
DEC	439	616	1055
YTD	5784	7310	13094

NEWTOWN PD

JAN	350	270	620
FEB	280	215	495
MAR	330	266	596
APR	335	222	557
MAY	311	233	544
JUN	330	292	622
JUL	359	305	664
AUG	343	273	616

PSAP Name	Month	Wireline	Wireless	Total Calls
	SEP	306	258	564
	OCT	354	306	660
	NOV	347	298	645
	DEC	385	399	784
	YTD	4030	3337	7367

NORTH BRANFORD PD

JAN	228	154	382
FEB	180	120	300
MAR	188	151	339
APR	156	110	266
MAY	180	163	343
JUN	198	186	384
JUL	198	178	376
AUG	189	204	393
SEP	201	216	417
OCT	193	188	381
NOV	194	235	429
DEC	180	180	360
YTD	2285	2085	4370

NORTH HAVEN PD

JAN	460	253	713
FEB	442	232	674
MAR	422	243	665
APR	360	213	573
MAY	481	255	736
JUN	489	232	721
JUL	483	260	743
AUG	445	275	720
SEP	477	212	689
OCT	522	271	793
NOV	417	237	654
DEC	464	266	730
YTD	5462	2949	8411

NORWALK PD

JAN	1901	1217	3118
FEB	1679	1106	2785
MAR	1947	1175	3122
APR	1878	1348	3226

PSAP Name	Month	Wireline	Wireless	Total Calls
	MAY	1905	1395	3300
	JUN	2020	1588	3608
	JUL	2090	1508	3598
	AUG	2101	1517	3618
	SEP	1921	1448	3369
	OCT	1846	1406	3252
	NOV	1762	1304	3066
	DEC	1839	1359	3198
	YTD	22889	16371	39260

NORWICH PD

JAN	1010	574	1584
FEB	880	489	1369
MAR	1015	677	1692
APR	922	642	1564
MAY	1045	720	1765
JUN	1149	787	1936
JUL	1089	758	1847
AUG	1065	738	1803
SEP	1069	723	1792
OCT	1071	705	1776
NOV	901	690	1591
DEC	975	674	1649
YTD	12191	8177	20368

NW CT PUB SAFETY ECC

JAN	731	4534	5265
FEB	607	1998	2605
MAR	678	1684	2362
APR	650	1550	2200
MAY	660	1707	2367
JUN	725	2562	3287
JUL	744	1714	2458
AUG	689	1829	2518
SEP	709	1799	2508
OCT	739	1674	2413
NOV	668	1498	2166
DEC	747	1899	2646
YTD	8347	24448	32795

OLD SAYBROOK PD

PSAP Name	Month	Wireline	Wireless	Total Calls
	JAN	203	62	265
	FEB	152	55	207
	MAR	170	56	226
	APR	149	90	239
	MAY	146	65	211
	JUN	166	91	257
	JUL	241	124	365
	AUG	186	131	317
	SEP	190	99	289
	OCT	202	86	288
	NOV	189	63	252
	DEC	174	70	244
	YTD	2168	992	3160

ORANGE PD

JAN	222	349	571
FEB	192	334	526
MAR	184	368	552
APR	213	365	578
MAY	225	377	602
JUN	262	485	747
JUL	258	339	597
AUG	281	321	602
SEP	204	407	611
OCT	216	396	612
NOV	216	355	571
DEC	225	444	669
YTD	2698	4540	7238

PLAINVILLE PD

JAN	395	289	684
FEB	334	174	508
MAR	305	220	525
APR	317	253	570
MAY	333	236	569
JUN	342	253	595
JUL	343	270	613
AUG	382	247	629
SEP	357	263	620
OCT	366	261	627
NOV	340	246	586

PSAP Name	Month	Wireline	Wireless	Total Calls
	DEC	370	255	625
	YTD	4184	2967	7151
PLYMOUTH PD				
	JAN	186	164	350
	FEB	129	121	250
	MAR	128	138	266
	APR	167	175	342
	MAY	169	183	352
	JUN	180	188	368
	JUL	182	165	347
	AUG	159	145	304
	SEP	164	207	371
	OCT	185	182	367
	NOV	188	240	428
	DEC	137	170	307
	YTD	1974	2078	4052
PUTNAM PD				
	JAN	211	42	253
	FEB	162	36	198
	MAR	205	43	248
	APR	187	54	241
	MAY	204	62	266
	JUN	172	66	238
	JUL	191	53	244
	AUG	169	61	230
	SEP	161	78	239
	OCT	182	61	243
	NOV	170	45	215
	DEC	176	51	227
	YTD	2190	652	2842
QUINEBAUG VALLEY ECC				
	JAN	1535	1473	3008
	FEB	1327	1102	2429
	MAR	1469	1509	2978
	APR	1598	1522	3120
	MAY	1364	1579	2943
	JUN	1642	1604	3246
	JUL	1660	1723	3383

PSAP Name	Month	Wireline	Wireless	Total Calls
	AUG	1653	1730	3383
	SEP	1492	1394	2886
	OCT	1627	1588	3215
	NOV	1483	1418	2901
	DEC	1456	2030	3486
	YTD	18306	18672	36978

REDDING PD

JAN	143	127	270
FEB	157	61	218
MAR	124	105	229
APR	126	96	222
MAY	142	90	232
JUN	120	113	233
JUL	110	112	222
AUG	167	114	281
SEP	139	110	249
OCT	183	151	334
NOV	132	98	230
DEC	147	116	263
YTD	1690	1293	2983

RIDGEFIELD PD

JAN	437	252	689
FEB	353	180	533
MAR	431	294	725
APR	400	207	607
MAY	473	220	693
JUN	468	273	741
JUL	415	251	666
AUG	420	255	675
SEP	460	250	710
OCT	492	322	814
NOV	403	281	684
DEC	474	354	828
YTD	5226	3139	8365

ROCKY HILL PD

JAN	354	173	527
FEB	390	165	555
MAR	351	178	529

PSAP Name	Month	Wireline	Wireless	Total Calls
	APR	383	194	577
	MAY	421	213	634
	JUN	395	230	625
	JUL	409	236	645
	AUG	404	287	691
	SEP	389	251	640
	OCT	368	232	600
	NOV	364	178	542
	DEC	322	212	534
	YTD	4550	2549	7099

SC CT REGIONAL ECC

JAN	606	159	765
FEB	513	97	610
MAR	577	170	747
APR	497	140	637
MAY	612	147	759
JUN	521	166	687
JUL	523	137	660
AUG	544	166	710
SEP	544	161	705
OCT	581	190	771
NOV	553	143	696
DEC	579	178	757
YTD	6650	1854	8504

SEYMOUR PD

JAN	204	90	294
FEB	223	80	303
MAR	240	122	362
APR	212	123	335
MAY	257	111	368
JUN	251	116	367
JUL	244	134	378
AUG	219	81	300
SEP	224	105	329
OCT	246	141	387
NOV	185	118	303
DEC	240	136	376
YTD	2745	1357	4102

PSAP Name	Month	Wireline	Wireless	Total Calls
SHELTON PD				
	JAN	695	373	1068
	FEB	606	291	897
	MAR	742	392	1134
	APR	624	291	915
	MAY	719	378	1097
	JUN	732	370	1102
	JUL	720	394	1114
	AUG	760	422	1182
	SEP	670	423	1093
	OCT	657	395	1052
	NOV	657	385	1042
	DEC	710	513	1223
	YTD	8292	4627	12919

SIMSBURY PD				
	JAN	369	211	580
	FEB	320	200	520
	MAR	342	176	518
	APR	344	151	495
	MAY	377	185	562
	JUN	383	202	585
	JUL	348	200	548
	AUG	378	227	605
	SEP	322	173	495
	OCT	345	243	588
	NOV	310	171	481
	DEC	315	230	545
	YTD	4153	2369	6522

SOUTH WINDSOR PD				
	JAN	346	277	623
	FEB	297	247	544
	MAR	326	223	549
	APR	300	255	555
	MAY	308	313	621
	JUN	319	285	604
	JUL	318	215	533
	AUG	326	294	620
	SEP	339	249	588
	OCT	312	335	647

PSAP Name	Month	Wireline	Wireless	Total Calls
	NOV	303	283	586
	DEC	325	293	618
	YTD	3819	3269	7088

SOUTHBURY PD

JAN	354	89	443
FEB	293	81	374
MAR	311	97	408
APR	282	88	370
MAY	305	105	410
JUN	398	152	550
JUL	369	140	509
AUG	399	102	501
SEP	344	115	459
OCT	364	143	507
NOV	317	96	413
DEC	329	112	441
YTD	4065	1320	5385

SOUTHINGTON PD

JAN	621	470	1091
FEB	562	295	857
MAR	616	470	1086
APR	674	369	1043
MAY	618	447	1065
JUN	673	452	1125
JUL	640	460	1100
AUG	623	525	1148
SEP	593	458	1051
OCT	665	529	1194
NOV	598	414	1012
DEC	626	478	1104
YTD	7509	5367	12876

STAMFORD PD

JAN	3685	1983	5668
FEB	3181	1653	4834
MAR	3552	1834	5386
APR	3440	2013	5453
MAY	3540	2338	5878
JUN	3672	2543	6215

PSAP Name	Month	Wireline	Wireless	Total Calls
	JUL	3805	2488	6293
	AUG	4159	2778	6937
	SEP	3551	2516	6067
	OCT	3568	2346	5914
	NOV	3442	2148	5590
	DEC	3595	2203	5798
	YTD	43190	26843	70033

STONINGTON PD

JAN	315	204	519
FEB	258	217	475
MAR	304	208	512
APR	333	177	510
MAY	309	185	494
JUN	305	259	564
JUL	345	309	654
AUG	354	284	638
SEP	312	203	515
OCT	393	179	572
NOV	233	204	437
DEC	304	167	471
YTD	3765	2596	6361

STRATFORD PD

JAN	1104	610	1714
FEB	996	620	1616
MAR	1114	721	1835
APR	1120	752	1872
MAY	1255	778	2033
JUN	1284	926	2210
JUL	1355	878	2233
AUG	1201	805	2006
SEP	1140	845	1985
OCT	1225	782	2007
NOV	1038	682	1720
DEC	1175	814	1989
YTD	14007	9213	23220

SUFFIELD PD

JAN	204	102	306
FEB	152	70	222

PSAP Name	Month	Wireline	Wireless	Total Calls
	MAR	180	72	252
	APR	186	77	263
	MAY	204	98	302
	JUN	147	87	234
	JUL	200	96	296
	AUG	210	115	325
	SEP	179	105	284
	OCT	207	102	309
	NOV	156	110	266
	DEC	181	71	252
	YTD	2206	1105	3311

THOMASTON PD

JAN	72	38	110
FEB	71	31	102
MAR	86	65	151
APR	81	38	119
MAY	70	64	134
JUN	92	74	166
JUL	95	47	142
AUG	82	42	124
SEP	80	39	119
OCT	93	58	151
NOV	86	43	129
DEC	93	52	145
YTD	1001	591	1592

TOLLAND COUNTY ECC

JAN	1302	2174	3476
FEB	1150	1766	2916
MAR	1280	1749	3029
APR	1237	2021	3258
MAY	1229	2072	3301
JUN	1306	2018	3324
JUL	1277	2206	3483
AUG	1387	2302	3689
SEP	1275	2119	3394
OCT	1696	2407	4103
NOV	1230	1959	3189
DEC	1263	2074	3337

PSAP Name	Month	Wireline	Wireless	Total Calls
	YTD	15632	24867	40499
TORRINGTON PD				
	JAN	760	384	1144
	FEB	631	302	933
	MAR	738	403	1141
	APR	671	539	1210
	MAY	773	414	1187
	JUN	725	401	1126
	JUL	784	425	1209
	AUG	810	434	1244
	SEP	720	357	1077
	OCT	802	510	1312
	NOV	667	427	1094
	DEC	680	474	1154
	YTD	8761	5070	13831
TRUMBULL PD				
	JAN	612	325	937
	FEB	563	286	849
	MAR	582	367	949
	APR	583	305	888
	MAY	557	331	888
	JUN	610	411	1021
	JUL	657	344	1001
	AUG	637	359	996
	SEP	594	356	950
	OCT	605	352	957
	NOV	580	359	939
	DEC	640	488	1128
	YTD	7220	4283	11503
UCONN PD				
	JAN	333	165	498
	FEB	444	199	643
	MAR	323	196	519
	APR	459	309	768
	MAY	454	121	575
	JUN	363	94	457
	JUL	274	125	399
	AUG	763	166	929

PSAP Name	Month	Wireline	Wireless	Total Calls
	SEP	572	265	837
	OCT	616	309	925
	NOV	434	188	622
	DEC	313	188	501
	YTD	5348	2325	7673

VALLEY SHORE ECC

JAN	687	2911	3598
FEB	609	2325	2934
MAR	662	2438	3100
APR	633	2653	3286
MAY	689	2938	3627
JUN	791	3447	4238
JUL	806	3626	4432
AUG	793	3234	4027
SEP	772	3010	3782
OCT	810	2667	3477
NOV	775	2574	3349
DEC	699	2583	3282
YTD	8726	34406	43132

VERNON PD

JAN	524	313	837
FEB	435	252	687
MAR	518	232	750
APR	448	294	742
MAY	480	313	793
JUN	482	292	774
JUL	504	282	786
AUG	522	299	821
SEP	433	300	733
OCT	550	443	993
NOV	456	523	979
DEC	511	422	933
YTD	5863	3965	9828

WALLINGFORD PD

JAN	740	468	1208
FEB	651	434	1085
MAR	658	519	1177
APR	592	483	1075

PSAP Name	Month	Wireline	Wireless	Total Calls
	MAY	631	524	1155
	JUN	653	519	1172
	JUL	638	537	1175
	AUG	633	522	1155
	SEP	634	502	1136
	OCT	776	561	1337
	NOV	637	473	1110
	DEC	658	542	1200
	YTD	7901	6084	13985

WATERBURY PD

JAN	3271	2556	5827
FEB	2848	2477	5325
MAR	3339	2986	6325
APR	3296	3132	6428
MAY	3332	3315	6647
JUN	3704	3444	7148
JUL	3509	3475	6984
AUG	3450	3383	6833
SEP	3037	3492	6529
OCT	3280	3254	6534
NOV	2877	2896	5773
DEC	3217	3312	6529
YTD	39160	37722	76882

WATERFORD ECC

JAN	431	381	812
FEB	338	309	647
MAR	401	349	750
APR	390	411	801
MAY	387	457	844
JUN	422	500	922
JUL	399	461	860
AUG	420	476	896
SEP	367	478	845
OCT	490	501	991
NOV	377	461	838
DEC	376	500	876
YTD	4798	5284	10082

WATERTOWN PD

PSAP Name	Month	Wireline	Wireless	Total Calls
	JAN	267	344	611
	FEB	231	288	519
	MAR	273	432	705
	APR	265	297	562
	MAY	306	344	650
	JUN	336	384	720
	JUL	349	368	717
	AUG	342	458	800
	SEP	249	379	628
	OCT	304	472	776
	NOV	273	370	643
	DEC	287	459	746
	YTD	3482	4595	8077

WEST HARTFORD PD

JAN	974	944	1918
FEB	846	778	1624
MAR	971	911	1882
APR	948	933	1881
MAY	1007	1022	2029
JUN	934	1007	1941
JUL	1003	932	1935
AUG	985	995	1980
SEP	932	956	1888
OCT	1230	1011	2241
NOV	941	991	1932
DEC	970	1063	2033
YTD	11741	11543	23284

WEST HAVEN ERS

JAN	1560	1144	2704
FEB	1324	1154	2478
MAR	1494	1559	3053
APR	1535	1540	3075
MAY	1565	1708	3273
JUN	1589	1853	3442
JUL	1599	1865	3464
AUG	1473	1858	3331
SEP	1593	1521	3114
OCT	1594	1664	3258
NOV	1448	1626	3074

PSAP Name	Month	Wireline	Wireless	Total Calls
	DEC	1420	1484	2904
	YTD	18194	18976	37170

WESTON ECC

JAN	144	103	247
FEB	179	93	272
MAR	174	87	261
APR	170	94	264
MAY	185	135	320
JUN	172	156	328
JUL	146	137	283
AUG	222	181	403
SEP	165	148	313
OCT	219	146	365
NOV	164	108	272
DEC	183	126	309
YTD	2123	1514	3637

WESTPORT PD

JAN	510	284	794
FEB	542	289	831
MAR	494	300	794
APR	495	309	804
MAY	678	372	1050
JUN	631	435	1066
JUL	544	397	941
AUG	608	381	989
SEP	496	362	858
OCT	537	364	901
NOV	492	298	790
DEC	516	400	916
YTD	6543	4191	10734

WETHERSFIELD PD

JAN	487	373	860
FEB	354	356	710
MAR	397	320	717
APR	438	443	881
MAY	435	425	860
JUN	435	422	857
JUL	511	638	1149

PSAP Name	Month	Wireline	Wireless	Total Calls
	AUG	481	478	959
	SEP	435	495	930
	OCT	475	492	967
	NOV	434	395	829
	DEC	427	433	860
	YTD	5309	5270	10579

WILLIMANTIC SB ECC

JAN	636	697	1333
FEB	582	633	1215
MAR	570	1096	1666
APR	598	860	1458
MAY	585	865	1450
JUN	683	903	1586
JUL	728	1008	1736
AUG	652	883	1535
SEP	678	880	1558
OCT	633	993	1626
NOV	615	735	1350
DEC	586	746	1332
YTD	7546	10299	17845

WILTON PD

JAN	278	284	562
FEB	242	233	475
MAR	254	289	543
APR	256	277	533
MAY	320	305	625
JUN	316	352	668
JUL	268	290	558
AUG	279	310	589
SEP	256	279	535
OCT	277	343	620
NOV	292	272	564
DEC	302	311	613
YTD	3340	3545	6885

WINDSOR LOCKS PD

JAN	180	135	315
FEB	166	140	306
MAR	172	147	319

PSAP Name	Month	Wireline	Wireless	Total Calls
	APR	181	152	333
	MAY	196	150	346
	JUN	216	217	433
	JUL	224	172	396
	AUG	195	160	355
	SEP	187	168	355
	OCT	217	195	412
	NOV	149	174	323
	DEC	165	181	346
	YTD	2248	1991	4239

WINDSOR PD

JAN	549	339	888
FEB	437	268	705
MAR	490	259	749
APR	454	242	696
MAY	471	270	741
JUN	570	372	942
JUL	521	330	851
AUG	490	320	810
SEP	519	354	873
OCT	577	330	907
NOV	439	321	760
DEC	473	304	777
YTD	5990	3709	9699

WINSTED PD

JAN	183	133	316
FEB	156	101	257
MAR	163	133	296
APR	179	123	302
MAY	176	148	324
JUN	193	163	356
JUL	227	162	389
AUG	200	143	343
SEP	194	158	352
OCT	174	135	309
NOV	189	143	332
DEC	167	136	303
YTD	2201	1678	3879

PSAP Name	Month	Wireline	Wireless	Total Calls
WOLCOTT PD				
	JAN	192	172	364
	FEB	180	137	317
	MAR	185	249	434
	APR	180	206	386
	MAY	185	206	391
	JUN	214	273	487
	JUL	249	217	466
	AUG	197	184	381
	SEP	209	202	411
	OCT	197	227	424
	NOV	172	214	386
	DEC	227	193	420
	YTD	2387	2480	4867
WOODBRIIDGE PD				
	JAN	162	145	307
	FEB	134	136	270
	MAR	163	168	331
	APR	112	122	234
	MAY	202	142	344
	JUN	204	145	349
	JUL	158	117	275
	AUG	143	134	277
	SEP	147	123	270
	OCT	156	151	307
	NOV	172	134	306
	DEC	188	146	334
	YTD	1941	1663	3604
Statewide YTD Totals		982357	1633366	2615723

DEPARTMENT OF PUBLIC SAFETY

Office of Statewide Emergency Telecommunications

Wireless Cell Sector Additions and Modifications

APPENDIX E

2005 Report to the General Assembly

Wireless Cell Site Sectors Added/Modified

Wireless Carrier	Jan.	Feb.	March	April	May	June	July	August	Sept.	Oct.	Nov.	Dec.	Total 2005
Alltel	0	0	0	0	0	35	0	0	35	19	3	0	92
AT&T Wireless	4	46	0	0	0	0	0	0	0	0	0	0	50
Cingular	0	34	18	0	21	12	10	11	82	12	6	57	263
Nextel	6	41	6	15	24	18	15	16	9	15	15	30	210
Sprint PCS	0	63	6	12	6	6	3	6	12	6	0	0	120
T-Mobile	6	34	0	34	6	42	6	37	6	4	66	25	266
VZW	0	60	36	18	0	0	25	15	18	6	3	21	202
Monthly Totals	16	278	66	79	57	113	59	85	162	62	93	133	1203