



The Commonwealth of Massachusetts
EXECUTIVE OFFICE OF PUBLIC SAFETY AND SECURITY
STATE 911 DEPARTMENT

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CHARLES D. BAKER
Governor

KARYN E. POLITO
Lieutenant Governor

March 9, 2018

DANIEL BENNETT
Secretary of Public Safety
and Security

FRANK POZNIAK
Executive Director

To the Great and General Court of the Commonwealth of Massachusetts:

On behalf of the State 911 Department (Department), I am pleased to issue our Annual Report for Calendar Years 2016 and 2017, and the three-year grant expenditure report by community. This Annual Report contains an overview of the enhanced 911 program, and specific information about agency activities during those years.

On July 31, 2008, the Legislature passed and the Governor signed into law Chapter 223 of the Acts of 2008 (or Chapter 223) that, amongst other things, changed the name and organizational structure of the agency, which from 1991 up to that date had been known as the Statewide Emergency Telecommunications Board (SETB). The SETB had consisted of a 21-member board and staff, was charged with coordinating and effecting the implementation of enhanced 911 service, and administering such service in the Commonwealth of Massachusetts (Commonwealth). In its place, Chapter 223 created the Department and the State 911 Commission.

The Department is within the Executive Office of Public Safety and Security (EOPSS) and has the authority and responsibility to direct the day to day administration of the statewide enhanced 911 system. It has its own budgetary authority. The Massachusetts statewide enhanced 911 system is one of the largest systems per capita in the United States. A person dialing 911 from anywhere in the Commonwealth is automatically connected to the Public Safety Answering Point (PSAP) handling emergencies in that area. The system provides the phone number and address of the telephone used to make the emergency call (wire-line calls) or the phone number and approximate location of the caller (wireless calls), along with dispatching data for local police, fire and ambulance services. PSAP personnel either dispatch emergency services directly or relay the calls to secondary PSAPs, limited secondary PSAPs, or private or public safety departments.

The State 911 Commission, also within EOPSS, consists of 19 members and is charged with providing strategic oversight and guidance to the Department, and advising the Department relative to its annual budget and all material changes thereto and in all matters regarding enhanced 911 service. The State 911 Commission is also charged with approving all formulas, percentages, guidelines, or other mechanisms used to distribute grants, all major contracts that the Department proposes to enter into for enhanced 911 services, and all regulations and standards proposed by the Department.

Chapter 223 directed the Department to review and assess new communications technologies that may include, but are not limited to, wireless, video, broadband, and IP enabled applications that may serve as the Next Generation 911 technology platforms, consistent with Federal Communications Commission decisions and federal law. In August 2014, the Department

entered into a contract with General Dynamics Information Technology, Inc. (GDIT) to provide a comprehensive, end-to-end, fully featured, standards-based Next Generation 911 system to replace the current enhanced 911 system. Today, we are limited to what data can be sent with a 911 call and what communication devices can contact 911. Next Generation 911 will ultimately allow for additional data to be sent with the voice 911 call, including telematics crash data, text to 911 with picture and video, and medical records of the caller. In the short term, Next Generation 911 will allow for texting to 911 without picture and video.

In 2016 and 2017, the Department made progress in bringing this new 911 system to the Commonwealth. This new system was fully implemented in Massachusetts by the end of 2017. We are excited about its introduction in Massachusetts, which will benefit our citizens.

Sincerely,



FRANK POZNIAK

Executive Director

The 2017 State 911 Commission members were:

Daniel Bennett – Chairman

Secretary of the Executive Office of Public Safety and Security

Designee: Curtis M. Wood

Undersecretary for Forensic Sciences and Technology, Executive Office of Public Safety and Security

Charles Desourdy, Chief Information Officer

Information Technology Division

Designee: Neil McGaffey, MassGIS Director

Kerry Gilpin, Colonel

Department of State Police

Designee: Blair Sutherland, Superintendent

Peter Ostroskey State Fire Marshal

Department of Fire Services

Designee: Peter Senopolous, Deputy Chief General Counsel

William Evans, Police Commissioner

Boston Police Department

Designees: Michael Cox, Deputy Superintendent
Shawn Romanoski, Director of Communications

David D'Arcangelo, Director

Massachusetts Office on Disability

Designee: DaLonn Pearson, Supervisor

Monica Bharel, Commissioner

Department of Public Health

Designee: Mark Miller, Director, OEMS

Heidi Reed, Commissioner

Massachusetts Commission for Deaf/Hard of Hearing

Designee: Jonathon O'Dell, Assistive Technology Manager

Christopher Delmonte, Bridgewater Police Chief

Massachusetts Chiefs of Police Association

Douglas Mellis, East Longmeadow Police Chief

Massachusetts Police Association

Kyle Heagney, Attleboro Police Chief

Massachusetts Major City Police Chiefs Association

Timothy Bradshaw, Taunton Fire Chief

Massachusetts Fire Chiefs Association

Robert Silvia, Cohasset Fire Chief (vice-chair)
Massachusetts Fire Chiefs Association

Ralph Dowling, Captain, Boston Fire Department
Professional Fire Fighters of Massachusetts

James Cummings, Barnstable County Sheriff
Massachusetts Sheriffs Association

James Boudreau, Lynnfield Town Manager
Massachusetts Municipal Association

Richard Patterson, Dracut Deputy Fire Chief
Massachusetts Emergency Medical Care Advisory Board

Sean Patrick Tyler
Massachusetts Ambulance Association

Steven Hooke, Holbrook Emergency Management Director
Massachusetts Communications Supervisors Association

Employees – 2017:

Frank Pozniak (Executive Director)
Normand Fournier II (Deputy Executive Director)
Louise McCarthy (General Counsel)
Jennifer Cunningham (Paralegal Specialist)
Elaine Ginn (Executive Assistant)
Karen Robitaille (Fiscal Director)
Vicky Goetz (Fiscal Specialist)
Michelle Hallahan (Fiscal Specialist)
Karen Mullin (Fiscal Coordinator)
Angela Pilling (Fiscal Specialist)
Cindy Reynolds (Grant Specialist)
Tija Whitfield (Fiscal Coordinator)
Shahriar Moin (9-1-1 Systems Director)
Charles Ashworth (Systems Analyst)
Jack DiPesa (Systems Analyst)
Joe Hickey (Systems Analyst)
Jeff Jeffers (Project Coordinator)
Christine Wingfield (Regional PSAP Coordinator)
Monna Wallace (Programs Director)
Cathy Rodriguez (Program Assistant)
Venus Wheeler (Program Assistant)
Ronnie Zuniga (Public Education Coordinator)
Juanita Bracero (Enhanced 911 Trainer)
John Brunelli (Enhanced 911 Trainer)
Sheila Foley and Christine Molloy (Part-Time Enhanced 911 Trainers)
Ashley Landis, Linda Mazzolla, and Christine O'Reilly (Part-Time TTY Quality Assurance Team)
Kevin Lewis (Enhanced 911 Trainer)
Kristen Vaidya (Enhanced 911 Trainer)

Grant Harrison (Equipment Distribution Program (EDP) Manager)
Melanie DaRosa, Christopher Hartling, Christopher Murphy, Christopher Plant, Glen Schultz, and
Marguerite Szczawinski (EDP Field Advisors)
Janice Barrette, Paul Gambina, Brian Hall, Anne Ouellette, Al Gomes, and Al Terminiello (EDP
Customer Service Representatives)

OVERVIEW

Since 1991, the SETB, and now the Department, has implemented and managed wire-line and wireless enhanced 911 service for all 351 municipalities in the Commonwealth. These services are provided through PSAPs, which by the end of 2017 totaled 239 in the Commonwealth. The Department directly provides network, database, customer premises equipment (CPE), maintenance, training and support services, and grant funding to the PSAPs. Pursuant to the contract it entered in to with General Dynamics Information Technology, Inc. in August 2014, the Department began the project to deploy a Next Generation 911 system in the Commonwealth, which continued throughout 2016 and 2017, concluding in December 2017.

The Department has established technical and operational standards to ensure accurate and timely responses to enhanced 911 calls, and has trained thousands of dispatchers and call-takers in the correct method of answering enhanced 911 calls. In late 2006, the PSAP training fund grant was established to reimburse PSAPs for a portion of their training costs. In 2008, pursuant to Chapter 223 of the Acts of that year, the Department expanded its grant programs to provide personnel and equipment support to PSAPs across the Commonwealth, and to encourage regionalization of the PSAPs.

Finally, the Department continued with the administration of the Disability Access Program that provides telecommunication relay service, captioned telephone relay service, and specialized customer premises equipment distribution service to the Commonwealth's disabled community.

FUNDING

The Department's budget in Fiscal Year (FY) 2016 (July 1, 2015 – June 30, 2016) and FY 2017 (July 1, 2016 – June 30, 2017) was funded from the Enhanced 911 Fund, which was established by Chapter 223 of the Acts of 2008. This Fund was supported by the surcharge assessed on subscribers of wire-line, wireless service, including pre-paid wireless, and VoIP.

The Department's budget for FY 2016 (\$89,976,516) funded the administrative costs of the agency (\$6,187,320); programs, including the grant program (\$48,719,428); enhanced 911 services (\$33,095,240); and disability access programs (\$1,974,528). The Department's budget for FY 2017 (\$106,687,952) funded the administrative costs of the agency (\$6,457,556); programs, including the grant program (\$50,872,148); enhanced 911 services (\$47,159,890); and disability access programs (\$2,198,358).

ACCOMPLISHMENTS

The following outlines the major accomplishments in Calendar Years 2016 and 2017.

Next Generation 911

On August 4, 2014, the Department entered into a contract with General Dynamics Information Technology, Inc. to provide a comprehensive, end-to-end, fully featured, standards-based Next Generation 911 system to replace the current enhanced 911 system. The current enhanced 911 system is an analog-based system that was designed in the 1960s. The system has been successful in delivering 911 services for many years. However, the types of analog services that are imbedded in the existing system are becoming obsolete and are being discontinued throughout the country. Technological advancements have created the necessity for a more advanced system that will offer capabilities (e.g., text and video messaging) that simply do not exist using today's system. Throughout the nation, enhanced 911 systems are being overhauled and replaced with new and emerging technologies. This need was recognized by the Legislature with the passage of Chapter 223 of the Acts of 2008, and, therefore, in accordance with this law, it was necessary to replace the existing system with one that uses advanced communications technologies in the infrastructure itself.

The benefits of a Next Generation 911 system are significant. By using an IP based system, 911 system capabilities are greatly enhanced not only from the call taker's perspective but also from a reliability standpoint. Over the years, wireline carriers have been investing mostly in their IP infrastructure and barely maintaining their legacy systems ultimately leading to reduced reliability in the analog components. Due to the nature of IP, call setup times over the Next Generation 911 system will be much improved over the current enhanced 911 system, saving seconds between the time someone dials 911 and when a call taker hears ringing.

Additional information capabilities are inherent to Next Generation 911. Today, we are limited to what data can be sent with a 911 call. Using Next Generation 911 will ultimately allow for additional data to be sent with the voice call, including telematics crash data, text to 911 with picture and video, medical records of the caller, etc. In the short term, Next Generation 911 will allow for texting to 911 without picture and video. Text to 911 is a critical need for the deaf, hard of hearing and speech impaired. Currently, the only way for those constituents to contact 911 directly is by using a text telephone (TTY) device. TTY is an archaic means of communication and has mostly been abandoned in exchange for using text to communicate. Texting will also allow for communication with a PSAP in a situation where the person is fearful for his or her life but is unable to convey that information verbally (e.g., active shooter, domestic violence, home invasion, etc.).

Improved PSAP capabilities allow for more efficient PSAP management. For instance, with Next Generation 911, a PSAP may send telecommunicators to neighboring PSAPs during a major event for call overflow management. Simply by logging into a position at a different PSAP, that call taker can receive calls destined for his or her home PSAP without any intervention by the 911 service provider or the State 911 Department. By logging in remotely, the PSAP is creating a larger virtual PSAP during a crisis. In addition, because the Next Generation 911 system is IP based, it allows for faster call setup time reducing the time it takes for a 911 call to start ringing at the PSAP, and remote monitoring capabilities give the Department greater system management capabilities.

The telecommunicators at the PSAPs will benefit from a much enhanced mapping system that will not only provide property parcel data information to pinpoint the location of a caller, but will also show roof outlines of structures on the property. A secondary tab on the mapping system will provide the telecommunicators with an aerial view providing information regarding obstacles or hazards in the area.

The PSAPs will have more flexibility in how they manage their speed dials. Today, PSAPs must route all changes through the Department and then wait for the 911 service provider to implement them. The new system will allow for PSAPs to manage their own speed dials instantly. Part of the reason it can take up to two days to get a speed dial changed today is due to the fact the 911 service provider uses dial up connections to make the configuration changes remotely. The Next Generation 911 system will be connected via high speed links for monitoring and maintenance.

While the physical footprint of the backroom equipment is similar to what the legacy system has, there are far fewer servers in the equipment cabinet resulting in fewer HVAC requirements, less power consumption, and less noise. The computer at each call taking position in a PSAP is small form factor taking up less space in the console furniture. However, the larger liquid crystal display screens make it easier to see the data on the displays.

Finally, the State 911 Department will benefit from statewide reporting for improved oversight. Reporting data, such as call volume, call answer time, and average busy hour, will be made available remotely.

There were several major Next Generation 911 accomplishments in calendar years 2016 and 2017. On August 9, 2016, the first PSAP in the Commonwealth at the Boxborough Police Department cut over to the new Next Generation 911 system. In total, 41 PSAPs in Massachusetts transitioned to Next Generation 911 in 2016. In 2017, the remaining 198 PSAPs were transitioned to the new Next Generation 911 system, with the last PSAP being transitioned on December 14, 2017.

In addition to the deployment, many technical and procedural documents were developed by GDIT and the Department. Training materials for the PSAPs were completed in 2016. During 2016 and 2017, over 5,000 telecommunicators were trained on the new Next Generation 911 equipment. Finally, a security audit conducted by an external security firm on the Next Generation 911 system was completed in 2016.

Service Provider Contract

In 2013, the Department successfully negotiated and procured a multiyear contract with Verizon to equip, install, monitor, maintain, provide training, and support the enhanced 911 system throughout the Commonwealth. This contract was in place in 2016 and 2017 during the transition to the new Next Generation 911 system.

Grant Program

Pursuant to Chapter 223 of the Acts of 2008, the Department expanded its grant program to support the PSAPs in the Commonwealth and to develop and encourage the creation of regional PSAPs and Regional Emergency Communication Centers (RECCs) throughout the Commonwealth. A description of each of these grant programs is contained below.

- PSAP and Regional Emergency Communication Center Training Grant: Reimburses primary, regional and regional secondary PSAPs and RECCs for allowable expenses related to the training and certification of enhanced 911 telecommunicators.
- Public Safety Answering Point and Regional Emergency Communication Center Support and Incentive Grant: Provides funding to primary, regional and regional secondary PSAPs and RECCs for allowable expenses related to enhanced 911 personnel and equipment costs. Incentive funds are awarded in addition to amounts allocated as part of the Support Grant using a formula that applies a specified percent of total surcharge revenues based on number of municipalities to be served by regional PSAPs or RECCs.
- Wireless State Police Public Safety Answering Point Grant: Reimburses wireless MSP PSAPs for allowable expenses related to enhanced 911 personnel and equipment costs.
- Regional and Regional Secondary Public Safety Answering Point, and Regional Emergency Communication Center Development Grant: Supports the development and startup of regional PSAPs, regional secondary PSAPs and RECCs, including the expansion or upgrade of existing regional and regional secondary PSAPs, and RECCs, to maximize effective emergency 911 and dispatch services as well as regional interoperability.

Chapter 223 permits the Department to introduce new grants associated with providing enhanced 911 services in the Commonwealth. In order to support the PSAPs in meeting new training requirements described below, the Department introduced a new grant in 2011, the Emergency Medical Dispatch (EMD) Grant. The EMD Grant was approved by the State 911 Commission, and then by the Department of Telecommunications and Cable by Order dated May 27, 2011, and was renamed the EMD/Regulatory Compliance Grant in 2013.

The amount awarded to each grant in Fiscal Years 2016 and 2017 is contained below.

	FY16	FY17
Training Grant	\$4,626,282	\$4,630,762
EMD Grant	\$1,990,274	\$1,988,715
Support & Incentive	\$23,876,856	\$31,649,521
Wireless MSP	\$3,937,124	\$3,936,746
Development	\$8,000,000	\$8,000,000
Total	\$42,430,536	\$50,205,744

DOVER	\$	9,088	\$	-	\$	14,292	\$	4,464	\$	-	\$	-	\$	10,000	\$	3,397	\$	17,744	\$	58,984
DRACUT	\$	13,957	\$	1,082	\$	60,857	\$	13,078	\$	3,070	\$	-	\$	12,912	\$	18,716	\$	56,176	\$	240,706
DUDLEY	\$	-	\$	-	\$	29,564	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	29,564
DUKES COUNTY	\$	-	\$	-	\$	261,418	\$	-	\$	-	\$	-	\$	-	\$	-	\$	261,418	\$	784,254
DUXBURY/ROCCG	\$	9,425	\$	1,087	\$	97,378	\$	10,000	\$	489	\$	-	\$	10,518	\$	1,294	\$	185,149	\$	413,784
EAST BRIDGEWATER	\$	10,000	\$	10,752	\$	30,913	\$	10,000	\$	10,499	\$	-	\$	10,000	\$	8,359	\$	30,919	\$	152,361
EAST LONGMEADOW	\$	10,000	\$	1,996	\$	43,081	\$	10,000	\$	13,715	\$	-	\$	10,000	\$	9,343	\$	43,586	\$	185,307
EASTHAM	\$	5,839	\$	4,286	\$	20,375	\$	4,473	\$	4,286	\$	-	\$	5,646	\$	4,286	\$	19,959	\$	89,369
EASTHAMPTON	\$	1,605	\$	-	\$	23,263	\$	6,613	\$	-	\$	-	\$	9,282	\$	-	\$	42,656	\$	83,419
EASTON	\$	-	\$	-	\$	49,687	\$	8,564	\$	-	\$	-	\$	8,017	\$	-	\$	49,687	\$	165,642
ESSEX COUNTY RECC	\$	15,177	\$	417	\$	342,463	\$	18,274	\$	1,254	\$	-	\$	17,734	\$	31,125	\$	3,392,278	\$	4,091,700
EVERETT	\$	10,510	\$	21,500	\$	116,715	\$	8,723	\$	21,500	\$	-	\$	11,600	\$	21,500	\$	103,566	\$	420,334
FAIRHAVEN	\$	10,000	\$	-	\$	45,462	\$	6,229	\$	-	\$	-	\$	6,403	\$	-	\$	45,461	\$	159,017
FALL RIVER	\$	48,016	\$	5,000	\$	266,263	\$	53,463	\$	5,000	\$	-	\$	287,848	\$	49,082	\$	287,839	\$	1,007,511
FITCHBURG	\$	17,193	\$	-	\$	112,697	\$	24,784	\$	8,936	\$	-	\$	6,501	\$	-	\$	115,227	\$	400,561
FOXBOROUGH	\$	-	\$	-	\$	43,534	\$	-	\$	-	\$	-	\$	43,534	\$	-	\$	43,534	\$	140,602
FRAMINGHAM	\$	-	\$	-	\$	-	\$	12,427	\$	-	\$	-	\$	885	\$	-	\$	116,848	\$	182,466
FRANKLIN	\$	10,452	\$	-	\$	59,277	\$	7,574	\$	-	\$	-	\$	11,519	\$	-	\$	62,376	\$	213,574
FREETOWN	\$	4,584	\$	-	\$	24,653	\$	9,909	\$	-	\$	-	\$	9,019	\$	-	\$	27,020	\$	102,397
GARDNER	\$	3,686	\$	-	\$	29,803	\$	-	\$	-	\$	-	\$	32,631	\$	-	\$	-	\$	115,060
GEORGETOWN	\$	7,236	\$	-	\$	21,513	\$	7,675	\$	-	\$	-	\$	21,582	\$	-	\$	21,098	\$	92,178
GLOUCESTER	\$	13,704	\$	102,141	\$	61,545	\$	13,324	\$	115,990	\$	-	\$	61,204	\$	13,363	\$	61,385	\$	528,111
GRAFTON	\$	5,051	\$	-	\$	42,339	\$	4,332	\$	-	\$	-	\$	19,593	\$	9,399	\$	42,069	\$	145,082
GRANBY	\$	10,000	\$	2,599	\$	19,593	\$	10,000	\$	150	\$	-	\$	10,000	\$	551	\$	19,543	\$	92,029
GREAT BARRINGTON	\$	9,752	\$	-	\$	30,919	\$	4,477	\$	-	\$	-	\$	31,633	\$	-	\$	26,256	\$	108,963
GREENFIELD	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	54,607	\$	-	\$	5,728	\$	134,118
GROTON	\$	2,538	\$	-	\$	233,602	\$	4,123	\$	-	\$	-	\$	231,701	\$	3,372	\$	233,701	\$	709,037
GROVELAND	\$	3,756	\$	-	\$	18,576	\$	3,978	\$	-	\$	-	\$	18,579	\$	5,920	\$	18,580	\$	74,389
HADLEY	\$	4,176	\$	15,000	\$	-	\$	-	\$	10,000	\$	-	\$	-	\$	5,101	\$	19,396	\$	68,673
HALIFAX	\$	6,161	\$	1,416	\$	26,232	\$	5,857	\$	-	\$	-	\$	26,161	\$	30	\$	26,166	\$	92,023
HAMILTON	\$	7,229	\$	-	\$	15,001	\$	5,682	\$	-	\$	-	\$	14,999	\$	4,900	\$	15,000	\$	62,811
HAMPDEN	\$	3,906	\$	-	\$	14,564	\$	7,247	\$	-	\$	-	\$	15,710	\$	9,751	\$	16,037	\$	67,216
HANOVER	\$	9,735	\$	-	\$	37,153	\$	10,000	\$	1,730	\$	-	\$	37,091	\$	7,521	\$	37,159	\$	140,390
HANSON	\$	8,504	\$	-	\$	27,900	\$	7,273	\$	-	\$	-	\$	27,918	\$	6,708	\$	27,916	\$	106,219
HAVERHILL	\$	28,031	\$	-	\$	158,700	\$	32,881	\$	49,432	\$	-	\$	158,949	\$	29,531	\$	158,949	\$	616,474
HOLBROOK/NORFOLK COUNTY CONTROL	\$	5,042	\$	-	\$	179,280	\$	9,700	\$	-	\$	-	\$	179,280	\$	9,985	\$	179,280	\$	562,566
HOLDEN	\$	1,052	\$	-	\$	80,381	\$	-	\$	-	\$	-	\$	86,577	\$	-	\$	165,648	\$	333,658
HOLDENMACHUSETTS RECC	\$	6,314	\$	-	\$	24,366	\$	6,461	\$	-	\$	-	\$	24,760	\$	9,553	\$	25,188	\$	96,641
HOLYSTON	\$	5,207	\$	-	\$	150,015	\$	1,926	\$	-	\$	-	\$	150,400	\$	3,009	\$	127,790	\$	438,346
HOPKINTON	\$	9,904	\$	-	\$	25,124	\$	329	\$	-	\$	-	\$	9,904	\$	6,132	\$	28,649	\$	80,043
HUDSON	\$	6,993	\$	-	\$	39,960	\$	2,317	\$	-	\$	-	\$	39,960	\$	4,974	\$	39,960	\$	134,164
IPSWICH	\$	6,611	\$	-	\$	34,244	\$	5,497	\$	-	\$	-	\$	32,752	\$	6,820	\$	34,303	\$	120,227
KINGSTON	\$	2,323	\$	-	\$	33,691	\$	2,827	\$	19,500	\$	-	\$	24,853	\$	2,884	\$	32,092	\$	130,170
LAKEVILLE	\$	9,626	\$	-	\$	27,677	\$	7,079	\$	-	\$	-	\$	28,300	\$	5,129	\$	28,198	\$	106,009
LAWRENCE	\$	51,354	\$	27,243	\$	243,636	\$	19,195	\$	104,686	\$	-	\$	239,391	\$	48,914	\$	243,636	\$	1,040,926
LEE	\$	1,495	\$	-	\$	153,266	\$	1,708	\$	-	\$	-	\$	152,315	\$	-	\$	153,266	\$	462,051
LEICESTER	\$	8,441	\$	15,000	\$	30,780	\$	7,225	\$	15,000	\$	-	\$	30,780	\$	-	\$	-	\$	107,227
LEOMINSTER	\$	9,746	\$	9,710	\$	98,273	\$	14,739	\$	2,254	\$	-	\$	92,722	\$	21,225	\$	94,363	\$	343,031
LEXINGTON	\$	7,485	\$	-	\$	77,205	\$	5,033	\$	-	\$	-	\$	77,205	\$	-	\$	77,205	\$	244,134
LINCOLN	\$	3,378	\$	-	\$	21,078	\$	-	\$	-	\$	-	\$	21,078	\$	-	\$	21,078	\$	66,612
LITTLETON	\$	-	\$	-	\$	25,494	\$	2,471	\$	-	\$	-	\$	25,495	\$	1,280	\$	25,494	\$	80,234
LONGMEADOW	\$	10,000	\$	9,480	\$	41,393	\$	10,000	\$	12,700	\$	-	\$	41,397	\$	10,000	\$	41,376	\$	188,805
LOWELL	\$	22,722	\$	-	\$	292,060	\$	51,206	\$	-	\$	-	\$	292,060	\$	50,086	\$	292,060	\$	1,000,194
LUDLOW	\$	-	\$	-	\$	46,735	\$	4,478	\$	-	\$	-	\$	48,151	\$	4,345	\$	48,151	\$	151,860
LYNN	\$	65,129	\$	-	\$	596,887	\$	59,395	\$	-	\$	-	\$	596,887	\$	60,033	\$	596,887	\$	1,975,218
LYNN REGIONAL SECONDARY	\$	10,475	\$	1,305	\$	153,811	\$	14,466	\$	-	\$	-	\$	163,496	\$	10,453	\$	167,287	\$	521,292
LYNNFIELD	\$	-	\$	-	\$	-	\$	5,553	\$	-	\$	-	\$	29,239	\$	-	\$	30,986	\$	65,778
MALDEN	\$	32,116	\$	42,747	\$	145,332	\$	9,769	\$	-	\$	-	\$	142,285	\$	30,734	\$	145,332	\$	592,193
MANCHESTER	\$	10,000	\$	12,307	\$	10,874	\$	10,000	\$	13,441	\$	-	\$	10,874	\$	10,000	\$	10,874	\$	106,834
MANSFIELD	\$	9,510	\$	-	\$	50,226	\$	9,622	\$	-	\$	-	\$	-	\$	4,158	\$	53,611	\$	127,127
MARBLEHEAD	\$	-	\$	-	\$	48,099	\$	-	\$	-	\$	-	\$	48,099	\$	2,093	\$	47,936	\$	146,227
MARION	\$	10,000	\$	6,369	\$	17,559	\$	10,000	\$	2,122	\$	-	\$	17,559	\$	10,000	\$	17,519	\$	96,641
MARLBOROUGH	\$	19,888	\$	15,113	\$	95,508	\$	19,210	\$	26,123	\$	-	\$	99,787	\$	19,996	\$	92,637	\$	408,489

MARSHFIELD	\$	12,863	\$	58,451	\$	55,156	\$	12,039	\$	72,932	\$	55,156	\$	11,868	\$	78,504	\$	55,156	\$	412,125
MATTAPONSETT	\$	7,158	\$	-	\$	12,292	\$	2,699	\$	-	\$	3,997	\$	9,369	\$	-	\$	18,994	\$	54,509
MAYNARD	\$	10,000	\$	6,897	\$	19,939	\$	10,000	\$	338	\$	19,939	\$	7,235	\$	-	\$	19,853	\$	94,201
MEDFIELD	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	2,402	\$	-	\$	-	\$	2,402
MEDFORD	\$	28,567	\$	54,501	\$	127,559	\$	27,221	\$	45,971	\$	124,779	\$	27,184	\$	47,969	\$	123,282	\$	607,033
MEDWAY	\$	-	\$	-	\$	30,194	\$	-	\$	-	\$	30,084	\$	-	\$	-	\$	29,177	\$	89,455
MELROSE	\$	11,872	\$	31,888	\$	48,738	\$	-	\$	18,000	\$	56,187	\$	11,563	\$	43,565	\$	56,187	\$	278,001
MENDON	\$	-	\$	-	\$	62,873	\$	-	\$	-	\$	62,873	\$	-	\$	-	\$	63,162	\$	188,908
MERRIMAC	\$	9,414	\$	-	\$	17,344	\$	10,000	\$	3,237	\$	18,471	\$	10,000	\$	2,203	\$	18,189	\$	88,858
METHUEN	\$	24,908	\$	27,599	\$	109,541	\$	23,874	\$	36,727	\$	104,510	\$	23,817	\$	40,495	\$	86,117	\$	477,588
MIDDLEBORO	\$	12,562	\$	17,860	\$	51,263	\$	12,035	\$	31,701	\$	49,331	\$	12,019	\$	39,213	\$	53,562	\$	279,545
MILFORD	\$	14,154	\$	-	\$	70,754	\$	13,748	\$	-	\$	65,536	\$	13,762	\$	-	\$	71,012	\$	248,966
MILLBURY	\$	5,989	\$	-	\$	37,056	\$	4,460	\$	-	\$	37,056	\$	10,000	\$	633	\$	37,056	\$	132,249
MILLIS	\$	6,831	\$	-	\$	20,988	\$	3,576	\$	-	\$	21,889	\$	3,606	\$	-	\$	16,872	\$	73,761
MILTON	\$	13,053	\$	22,168	\$	61,895	\$	12,360	\$	19,367	\$	65,400	\$	12,408	\$	1,002	\$	65,400	\$	273,054
MONSON	\$	10,000	\$	968	\$	20,943	\$	10,000	\$	4,670	\$	20,022	\$	8,955	\$	-	\$	21,635	\$	97,192
MONTAGUE	\$	4,850	\$	1,917	\$	21,792	\$	4,525	\$	3,000	\$	21,792	\$	3,732	\$	3,000	\$	21,792	\$	86,400
NAHANT	\$	6,612	\$	-	\$	13,580	\$	10,000	\$	7,495	\$	13,559	\$	10,000	\$	7,870	\$	13,580	\$	82,696
NANTUCKET	\$	-	\$	-	\$	41,331	\$	4,137	\$	-	\$	73,945	\$	5,876	\$	-	\$	62,210	\$	187,499
NASHOBA VALLEY RRD	\$	3,615	\$	-	\$	244,476	\$	-	\$	-	\$	255,276	\$	2,161	\$	-	\$	404,285	\$	909,813
NATICK	\$	7,509	\$	-	\$	79,476	\$	15,676	\$	-	\$	79,476	\$	15,856	\$	169	\$	79,476	\$	277,638
NEEDHAM	\$	13,579	\$	-	\$	58,694	\$	12,915	\$	963	\$	43,120	\$	13,108	\$	8,377	\$	59,463	\$	210,219
NEW BEDFORD	\$	-	\$	-	\$	-	\$	-	\$	-	\$	186,715	\$	-	\$	-	\$	86,027	\$	272,742
NEW BRAintree MSP	\$	2,732	\$	-	\$	365,851	\$	2,421	\$	-	\$	364,559	\$	2,421	\$	-	\$	365,808	\$	1,103,792
NEWBURY	\$	-	\$	-	\$	-	\$	-	\$	-	\$	19,245	\$	-	\$	-	\$	18,732	\$	37,978
NEWBURYPORT	\$	1,258	\$	-	\$	37,572	\$	-	\$	-	\$	-	\$	-	\$	18,000	\$	37,866	\$	94,696
NEWTON	\$	28,797	\$	-	\$	190,930	\$	35,067	\$	-	\$	190,930	\$	17,394	\$	-	\$	190,930	\$	654,048
NORFOLK	\$	3,311	\$	-	\$	15,710	\$	2,552	\$	-	\$	25,880	\$	2,094	\$	-	\$	26,938	\$	76,505
NORTH ADAMS	\$	10,022	\$	7,726	\$	278,775	\$	6,138	\$	-	\$	278,775	\$	10,000	\$	649	\$	278,775	\$	870,860
NORTH ANDOVER	\$	3,797	\$	-	\$	68,716	\$	9,296	\$	-	\$	67,745	\$	8,221	\$	-	\$	68,487	\$	226,262
NORTH ATTLEBOROUGH	\$	9,502	\$	-	\$	57,078	\$	12,097	\$	-	\$	57,078	\$	9,427	\$	-	\$	57,078	\$	202,260
NORTH READING	\$	10,000	\$	51,906	\$	29,527	\$	10,000	\$	51,584	\$	24,957	\$	10,000	\$	47,356	\$	29,445	\$	264,775
NORTHAMPTON	\$	8,475	\$	-	\$	91,599	\$	10,631	\$	-	\$	94,019	\$	9,924	\$	-	\$	94,022	\$	308,669
NORTHBOROUGH	\$	2,393	\$	-	\$	36,931	\$	7,834	\$	-	\$	36,931	\$	5,062	\$	-	\$	36,931	\$	126,082
NORTHBIDGE	\$	-	\$	-	\$	30,284	\$	-	\$	-	\$	33,086	\$	2,863	\$	-	\$	30,533	\$	96,767
NORTON	\$	-	\$	-	\$	43,183	\$	-	\$	-	\$	43,618	\$	-	\$	-	\$	38,915	\$	125,716
NORWOOD	\$	-	\$	-	\$	69,026	\$	11,769	\$	-	\$	69,026	\$	14,305	\$	9,753	\$	69,026	\$	242,905
OXFORD	\$	5,941	\$	-	\$	39,062	\$	9,817	\$	-	\$	39,070	\$	8,488	\$	-	\$	39,070	\$	141,448
PALMER	\$	9,304	\$	500	\$	37,059	\$	10,000	\$	1,070	\$	37,768	\$	10,000	\$	801	\$	37,760	\$	144,262
PAXTON	\$	6,479	\$	-	\$	16,395	\$	6,034	\$	-	\$	16,395	\$	4,145	\$	-	\$	16,395	\$	65,843
PEABODY	\$	1,196	\$	24,500	\$	117,264	\$	-	\$	24,500	\$	-	\$	-	\$	10,000	\$	63,432	\$	240,892
PEMBROKE	\$	-	\$	-	\$	38,704	\$	10,000	\$	16,509	\$	38,704	\$	10,000	\$	57,033	\$	38,704	\$	209,654
PEPPERELL	\$	4,055	\$	-	\$	27,744	\$	2,099	\$	-	\$	27,764	\$	1,717	\$	-	\$	27,764	\$	91,143
PITTSFIELD	\$	9,056	\$	-	\$	149,119	\$	9,146	\$	-	\$	149,190	\$	8,763	\$	-	\$	149,189	\$	474,462
PLAINVILLE	\$	258	\$	-	\$	23,528	\$	1,280	\$	-	\$	24,395	\$	4,579	\$	-	\$	24,595	\$	78,635
PLYMOUTH	\$	8,919	\$	-	\$	122,451	\$	8,388	\$	-	\$	128,597	\$	7,285	\$	-	\$	116,824	\$	392,464
PRINCETON	\$	-	\$	-	\$	13,715	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	13,715
PROVINCETOWN	\$	2,817	\$	4,286	\$	17,595	\$	2,691	\$	4,286	\$	17,497	\$	1,980	\$	4,286	\$	15,497	\$	70,934
QUINCY	\$	52,055	\$	60,775	\$	233,743	\$	48,602	\$	47,714	\$	233,743	\$	48,253	\$	61,953	\$	233,743	\$	1,020,580
RANDOLPH	\$	17,201	\$	41,863	\$	74,913	\$	16,441	\$	65,162	\$	74,913	\$	16,902	\$	49,580	\$	74,913	\$	431,889
RAYNHAM	\$	8,540	\$	1,758	\$	33,301	\$	10,000	\$	623	\$	33,301	\$	8,619	\$	875	\$	33,301	\$	130,318
READING	\$	7,513	\$	-	\$	55,578	\$	3,167	\$	-	\$	52,361	\$	4,651	\$	1,631	\$	55,578	\$	180,480
REHOBOTH	\$	2,461	\$	-	\$	28,545	\$	1,594	\$	-	\$	28,196	\$	3,178	\$	-	\$	28,343	\$	92,316
REVERE/METRO NORTH	\$	-	\$	-	\$	-	\$	-	\$	-	\$	44,234	\$	11,511	\$	-	\$	426,318	\$	490,509
ROCHESTER	\$	7,093	\$	1,000	\$	17,046	\$	9,927	\$	1,000	\$	17,138	\$	5,292	\$	-	\$	17,128	\$	75,625
ROCKLAND	\$	10,000	\$	21,909	\$	41,270	\$	10,000	\$	28,150	\$	41,326	\$	10,000	\$	34,186	\$	41,074	\$	237,916
ROCKPORT	\$	7,779	\$	-	\$	21,009	\$	7,116	\$	-	\$	21,688	\$	9,994	\$	-	\$	21,629	\$	89,214
ROWLEY	\$	7,911	\$	-	\$	18,022	\$	9,483	\$	-	\$	18,172	\$	4,776	\$	-	\$	18,172	\$	76,536
RUTLAND	\$	5,747	\$	-	\$	223,892	\$	2,347	\$	-	\$	167,542	\$	2,313	\$	-	\$	224,811	\$	626,652
SALEM	\$	21,425	\$	-	\$	114,507	\$	18,346	\$	-	\$	106,024	\$	23,360	\$	21,500	\$	114,507	\$	419,669
SALISBURY	\$	4,598	\$	14,154	\$	20,622	\$	6,836	\$	18,000	\$	20,737	\$	10,000	\$	22,802	\$	19,963	\$	137,712
SANDWICH	\$	10,483	\$	38,232	\$	45,990	\$	5,933	\$	4,286	\$	45,732	\$	5,605	\$	-	\$	46,082	\$	205,943
SAUGUS	\$	12,233	\$	-	\$	72,955	\$	12,338	\$	-	\$	68,990	\$	11,862	\$	-	\$	72,955	\$	251,333

SCITUATE	\$	10,000	\$	19,016	\$	35,683	\$	10,000	\$	24,332	\$	35,724	\$	10,000	\$	66,110	\$	1,331	\$	212,196
SEEKONK	\$	7,429	\$	-	\$	37,234	\$	6,823	\$	-	\$	37,341	\$	8,194	\$	-	\$	37,341	\$	134,362
SHARON	\$	3,732	\$	-	\$	34,559	\$	3,055	\$	-	\$	34,559	\$	8,774	\$	-	\$	34,559	\$	119,238
SHELburne FALLS MSP	\$	5,107	\$	-	\$	691,454	\$	2,382	\$	-	\$	691,392	\$	2,382	\$	-	\$	691,430	\$	2,084,147
SHERBORN	\$	10,000	\$	2,440	\$	8,110	\$	10,000	\$	3,464	\$	1,342	\$	7,724	\$	-	\$	-	\$	43,080
SHIRLEY	\$	3,922	\$	-	\$	18,306	\$	-	\$	-	\$	14,129	\$	-	\$	-	\$	-	\$	36,357
SHREWSBURY	\$	5,829	\$	-	\$	73,200	\$	3,400	\$	-	\$	75,410	\$	838	\$	-	\$	75,410	\$	234,087
SOMERSET	\$	10,000	\$	6,630	\$	45,601	\$	9,489	\$	5,000	\$	45,601	\$	5,080	\$	5,000	\$	45,601	\$	178,002
SOMERVILLE	\$	24,927	\$	20,405	\$	186,976	\$	33,166	\$	24,500	\$	186,976	\$	33,806	\$	24,500	\$	186,976	\$	722,231
SOUTH HADLEY	\$	9,489	\$	-	\$	44,577	\$	9,495	\$	-	\$	44,579	\$	9,399	\$	-	\$	44,553	\$	162,093
SOUTH SHORE RECC	\$	1,062	\$	-	\$	633,191	\$	17,192	\$	-	\$	667,485	\$	18,570	\$	-	\$	667,485	\$	2,004,985
SOUTHAMPTON	\$	-	\$	-	\$	-	\$	-	\$	-	\$	15,778	\$	-	\$	-	\$	18,306	\$	34,084
SOUTHBOROUGH	\$	4,082	\$	-	\$	20,982	\$	3,692	\$	-	\$	21,329	\$	3,277	\$	169	\$	27,361	\$	80,892
SOUTHBRIDGE	\$	-	\$	-	\$	42,709	\$	1,411	\$	-	\$	44,184	\$	2,235	\$	-	\$	44,582	\$	135,121
SOUTHWICK	\$	9,074	\$	-	\$	28,148	\$	9,525	\$	-	\$	28,148	\$	9,782	\$	-	\$	28,148	\$	112,825
SPENCER	\$	5,463	\$	-	\$	36,280	\$	4,316	\$	-	\$	36,280	\$	3,838	\$	-	\$	36,280	\$	122,456
SPRINGFIELD	\$	111,485	\$	-	\$	663,261	\$	98,086	\$	-	\$	663,262	\$	109,171	\$	-	\$	663,262	\$	2,308,527
STERLING	\$	2,832	\$	-	\$	21,857	\$	2,469	\$	-	\$	21,904	\$	3,492	\$	-	\$	21,904	\$	74,458
STONEHAM	\$	10,525	\$	14,628	\$	52,920	\$	10,000	\$	15,955	\$	52,920	\$	10,000	\$	22,211	\$	52,920	\$	242,079
STOUGHTON	\$	-	\$	-	\$	62,473	\$	95	\$	-	\$	62,888	\$	3,000	\$	-	\$	62,834	\$	191,291
STOW	\$	4,812	\$	-	\$	-	\$	8,535	\$	-	\$	-	\$	8,838	\$	-	\$	-	\$	22,185
STURBRIDGE	\$	6,246	\$	-	\$	26,756	\$	8,838	\$	-	\$	21,789	\$	7,116	\$	-	\$	22,440	\$	93,185
SUBURY	\$	7,627	\$	-	\$	35,370	\$	8,581	\$	-	\$	35,370	\$	7,949	\$	-	\$	35,370	\$	130,267
SUTTON	\$	-	\$	-	\$	22,292	\$	-	\$	-	\$	23,896	\$	-	\$	-	\$	23,889	\$	70,077
SWANSEA	\$	-	\$	-	\$	36,581	\$	-	\$	-	\$	35,367	\$	-	\$	-	\$	36,581	\$	108,529
TAUNTON	\$	33,577	\$	-	\$	153,728	\$	32,722	\$	-	\$	153,728	\$	11,556	\$	-	\$	153,728	\$	539,039
TEMPLETON	\$	-	\$	-	\$	74,613	\$	1,245	\$	-	\$	119,481	\$	3,501	\$	-	\$	117,638	\$	316,478
TEWKSBURY	\$	13,853	\$	-	\$	71,660	\$	14,244	\$	-	\$	71,660	\$	14,075	\$	154	\$	71,660	\$	257,306
TOWNSEND	\$	-	\$	-	\$	-	\$	5,529	\$	-	\$	23,039	\$	-	\$	-	\$	8,827	\$	37,395
TRURO	\$	10,000	\$	4,286	\$	2,270	\$	6,339	\$	-	\$	11,940	\$	10,000	\$	5,216	\$	12,972	\$	63,023
TYNGBOROUGH	\$	1,566	\$	-	\$	23,962	\$	-	\$	-	\$	27,834	\$	2,633	\$	-	\$	27,872	\$	83,867
UPTON	\$	7,542	\$	-	\$	54,376	\$	4,392	\$	-	\$	54,339	\$	6,650	\$	-	\$	54,376	\$	181,675
UXBRIDGE	\$	6,034	\$	-	\$	34,606	\$	8,875	\$	-	\$	35,386	\$	6,024	\$	-	\$	35,390	\$	123,316
WAKEFIELD	\$	11,959	\$	18,355	\$	58,844	\$	11,642	\$	26,277	\$	58,916	\$	11,856	\$	42,350	\$	58,429	\$	298,629
WALPOLE	\$	11,249	\$	9,394	\$	56,358	\$	10,518	\$	23,443	\$	56,358	\$	10,387	\$	11,994	\$	56,358	\$	246,059
WALTHAM	\$	32,850	\$	-	\$	152,076	\$	31,638	\$	-	\$	152,101	\$	2,461	\$	-	\$	151,976	\$	523,103
WARE	\$	10,000	\$	4,999	\$	25,003	\$	10,000	\$	5,598	\$	25,003	\$	10,000	\$	11,963	\$	25,003	\$	127,569
WAREHAM	\$	8,353	\$	-	\$	58,223	\$	-	\$	-	\$	58,223	\$	-	\$	-	\$	58,223	\$	183,022
WARREN	\$	-	\$	-	\$	15,945	\$	-	\$	-	\$	17,344	\$	2,281	\$	-	\$	16,842	\$	52,412
WATERTOWN	\$	10,405	\$	-	\$	81,370	\$	15,235	\$	-	\$	81,507	\$	13,446	\$	4,500	\$	81,507	\$	287,970
WAYLAND	\$	-	\$	-	\$	32,913	\$	-	\$	-	\$	32,913	\$	6,821	\$	-	\$	32,913	\$	105,560
WEBSTER/SOUTH WORCESTER COUNTY RECC	\$	5,715	\$	-	\$	81,055	\$	8,393	\$	-	\$	157,484	\$	12,045	\$	-	\$	256,968	\$	521,660
WELLESLEY	\$	6,758	\$	-	\$	59,533	\$	6,094	\$	-	\$	61,359	\$	3,938	\$	-	\$	61,359	\$	199,041
WEST BOYLSTON	\$	9,181	\$	-	\$	23,568	\$	4,913	\$	-	\$	23,568	\$	-	\$	-	\$	23,580	\$	84,810
WEST BRIDGEWATER	\$	10,000	\$	3,355	\$	17,679	\$	10,000	\$	4,320	\$	17,679	\$	10,000	\$	5,000	\$	17,679	\$	95,712
WEST NEWBURY	\$	7,583	\$	-	\$	14,206	\$	6,065	\$	-	\$	15,486	\$	8,785	\$	-	\$	15,494	\$	67,618
WEST SPRINGFIELD	\$	19,799	\$	15,511	\$	92,301	\$	18,787	\$	10,342	\$	73,344	\$	18,690	\$	52,249	\$	92,301	\$	393,323
WESTBOROUGH	\$	10,000	\$	50,460	\$	45,542	\$	10,000	\$	48,728	\$	45,542	\$	1,285	\$	34,000	\$	45,542	\$	291,099
WESTFIELD	\$	16,872	\$	-	\$	114,840	\$	15,964	\$	-	\$	114,840	\$	9,623	\$	-	\$	114,840	\$	386,979
WESTFORD	\$	7,996	\$	-	\$	34,520	\$	-	\$	-	\$	40,053	\$	5,802	\$	-	\$	40,763	\$	129,134
WESTMINSTER	\$	8,636	\$	-	\$	21,125	\$	7,603	\$	-	\$	21,123	\$	5,275	\$	-	\$	20,517	\$	84,279
WESTON	\$	10,000	\$	11,671	\$	25,698	\$	2,898	\$	-	\$	25,813	\$	4,643	\$	-	\$	26,045	\$	106,767
WESTPORT	\$	6,968	\$	-	\$	34,248	\$	3,707	\$	-	\$	20,139	\$	3,654	\$	-	\$	31,152	\$	99,867
WESTWOOD	\$	-	\$	-	\$	-	\$	-	\$	-	\$	39,100	\$	-	\$	-	\$	39,100	\$	78,200
WEYMOUTH	\$	27,892	\$	-	\$	125,441	\$	25,479	\$	-	\$	125,441	\$	22,067	\$	-	\$	125,441	\$	451,761
WILBRAHAM	\$	2,011	\$	-	\$	39,634	\$	5,254	\$	-	\$	39,634	\$	5,399	\$	-	\$	38,571	\$	130,503
WILLIAMSTOWN	\$	10,000	\$	5,658	\$	24,719	\$	8,895	\$	-	\$	25,814	\$	9,859	\$	-	\$	25,542	\$	110,486
WILMINGTON	\$	2,623	\$	-	\$	48,688	\$	350	\$	-	\$	48,766	\$	-	\$	-	\$	-	\$	100,428
WINCHENDON	\$	-	\$	-	\$	109,918	\$	7,587	\$	-	\$	110,000	\$	1,314	\$	-	\$	110,000	\$	338,820
WINCHESTER	\$	7,823	\$	-	\$	46,952	\$	7,181	\$	-	\$	37,461	\$	6,275	\$	-	\$	47,445	\$	153,138
WINTHROP	\$	9,902	\$	-	\$	36,002	\$	8,390	\$	-	\$	36,002	\$	-	\$	-	\$	32,964	\$	123,260
WOBURN	\$	21,014	\$	27,484	\$	89,047	\$	20,294	\$	32,902	\$	95,312	\$	20,102	\$	15,435	\$	-	\$	321,590
WORCESTER	\$	100,977	\$	-	\$	659,180	\$	101,956	\$	-	\$	659,180	\$	104,779	\$	-	\$	1,245,043	\$	2,871,115

[illegible]