

State of Tennessee
Department of Labor and Workforce Development
State Office Annual Report
October 1, 2013 – September 30, 2014

Table of Contents

Introduction	3
Mandated Activities.	5
Summary of Annual Performance Plan Goal	12
Significant Inspections.	19
Special Accomplishments	21

The Tennessee Occupational Safety and Health Administration (TOSHA) was created by legislation in 1972 and became operational in July 1973. The program operated as a dual-designee with the health functions housed in the Tennessee Department of Health and the safety functions in the Department of Labor (now the Tennessee Department of Labor and Workforce Development) until July 1977. At that time the General Assembly enacted legislation to transfer the health function to the Department of Labor. The Tennessee Occupational Safety and Health Administration program was certified in May 1978 and final determination (18-E) was achieved in July 1985.

The General Assembly enacted legislation giving Tennessee OSHA the mission of ensuring that employers furnish a place of employment which is free of recognized hazards and provide a safe and healthful workplace. Tennessee OSHA's primary objective is to improve occupational safety and health in workplaces throughout the state. The worker population in Tennessee is approximately 2,284,291. There are approximately 140,041 employers in the state.

Tennessee OSHA achieves this objective through:

- Enforcement of the general industry, construction, and agricultural occupational safety and health standards, as well as the Tennessee Department of Labor and Workforce Development rules for private and public sector employees.
- Delivering training programs designed to target the most prominent injuries and illnesses affecting Tennessee workers.
- Providing Tennessee Department of Labor and Workforce Development rules and OSHA general industry, construction and agriculture standards at cost.
- Providing interpretations of Tennessee OSHA standards and rules.
- Providing assistance to employers, employees and the general public on controlling hazards in the workplace by answering technical questions on a daily basis.
- Administering the consultation program to advise and assist employers in the improvement of occupational safety and health in the workplace.
- Maintaining employer recognition programs to promote safe and healthful workplace safety and health.

Tennessee OSHA's program services are delivered through a central office in Nashville and field offices located in six strategic geographical areas with 20 IMIS Reporting IDs. Those areas are as follows:

- Nashville - 0454700, 0454712, 0454722 and 0454732
- Memphis - 0454711, 0454721 and 0454731
- Knoxville - 0454714, 0454724 and 0454734
- Chattanooga - 0454713, 0454723 and 0454733
- Jackson - 0454715, 0454725 and 0454735
- Kingsport - 0454716, 0454726 and 0454736
- Consultation – 0494701

The Tennessee OSHA website (Compliance and Consultation) is <http://www.tn.gov/labor-wfd/tosha.shtml>. All current directives, the Tennessee OSHA Act, and Tennessee OSHA state rules are accessible from the site.

As of December 1, 2014, there was one industrial hygienist and five occupational safety specialist positions vacant. In addition, the public sector compliance manager position and an administrative support position were also vacant.

Enforcement

During FY 2014, Tennessee OSHA performed 1,528 workplace inspections. During these inspections 6,303 hazards were identified and penalties of \$2,029,000 were assessed. Unpaid penalties are assessed a late fee of 10% at 30, 60, and 90 days and statutory interest is assessed until the penalty is paid. Unpaid penalties are forwarded to the state attorney general's office for collection.

Complaints

During FY 2014, complaint inspections were initiated in an average of 4.6 days following receipt of the complaint, as indicated in the State Activity Mandated Measures (SAMM). Complaint investigations were initiated in an average of 1.3 days. Both were within the goal of fifteen (15) days for inspections and five (5) days for investigations.

Fatalities

During FY 2014, 29 accident and fatality investigations were conducted. It is agency policy to conduct accident and fatality investigations as soon as possible and generally within one day of receiving notice of the incident. A letter is sent by the TOSHA Administrator notifying each victim's family that an investigation is underway and providing the family with contact information for the area supervisor overseeing the investigation. Follow-up letters are sent to the victim's family as the investigation, citation, and contest processes progress.

Targeting and Special Emphasis Programs

Tennessee OSHA participated in the following national emphasis programs: Amputations, Hexavalent Chromium, Petroleum Refinery Process Safety Management, Combustible Dust, Isocyanates, Nursing and Residential Care facilities, and Lead.

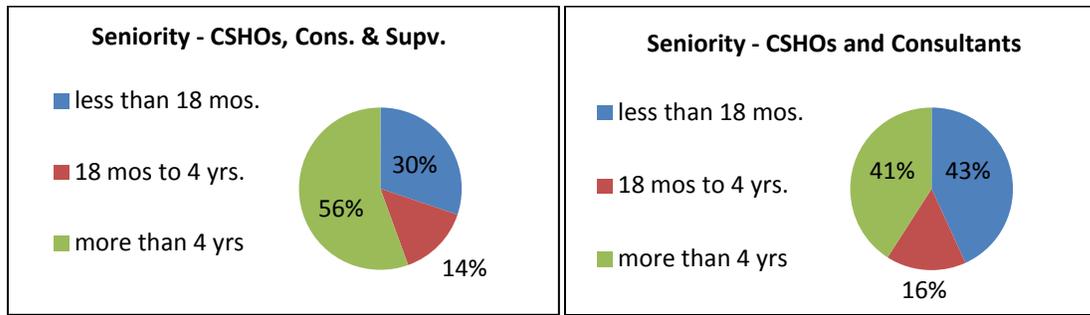
In addition, Tennessee OSHA also maintained the following local emphasis programs: trenching and excavation, carbon monoxide, fall protection, and a noise emphasis program was added.

Evaluation of Mandated Activities

Tennessee OSHA management reviews the State Activity Mandated Measures (SAMM) and the State Indicator Report (SIR), as well as other management reports periodically to assure the mandated activities are carried out effectively and efficiently. A review of the SAMM and SIR for FY 2014 indicated Tennessee OSHA performed at a high level of professionalism and productivity. Highlights include the following: serious, willful or repeat hazards were identified during 62.4% of programmed safety inspections and

during 69.1% of programmed health inspections; safety compliance performed approximately 7.5 inspections per 100 hours and health compliance performed approximately 3.0 inspections per 100 hours. Tennessee OSHA vacated 1.8% of violations and reclassified 0.9%. Penalties were retained on 91.5% of violations issued. These numbers exceeded the last available federal OSHA data. With federal OSHA's and Tennessee OSHA's move to a new information system, direct comparison of data is not possible.

Areas of concern include a lower number of private sector safety inspections compared to the previous year (725 versus 831) and a lower number of serious hazards identified as compared to the previous year (6,466 versus 6,729). These reductions are the result of the attrition of senior staff resulting in several promotions in the organization and the introduction of a large number of entry level personnel. Currently 59% of compliance officers and consultants have less than four year's experience and 43% of compliance officers and consultants have less than 18 months experience. Vacancies have been aggressively filled and the new personnel are in training.



Public Sector Activity

During FY 2014, Tennessee OSHA performed 35.3% of all inspections in the public sector. Public sector employers were given the opportunity to participate in the public sector program during the first two years following the formation of Tennessee OSHA and again, by statute, between July 1, 2004, and July 1, 2006. State law mandates that Tennessee OSHA inspect these entities biannually. Participants in the program must designate a safety and health director and establish a safety and health program. Participants are not issued monetary penalties for violations; however the governor can remove a participant from the program for failure to comply with the TOSH Act. All public employers not currently participating in the program are treated as private employers as mandated by state law. The 2013 total case incident rate (TCIR) for state and local government in Tennessee is 4.2 and is considerably lower than the national average of 5.2.

Citation and Inspection Review

All inspection reports and citations are reviewed by the industrial hygiene or safety area supervisor and the section manager. All citations are reviewed and issued by the TOSHA Administrator or Assistant Administrator. Informal conferences are held by the appropriate area supervisor and reviewed by the section manager. All changes to the penalty or citation are reviewed and issued by the TOSHA Administrator or Assistant Administrator.

During FY 2014, 18 citations were contested and 33 were resolved before the Tennessee Occupational Safety and Health Review Commission. As of September 30, 2014, of the 16 contested cases remaining, 5 settlements were scheduled to be resolved pending approval. The remaining 11 were pending resolution by settlement or hearing.

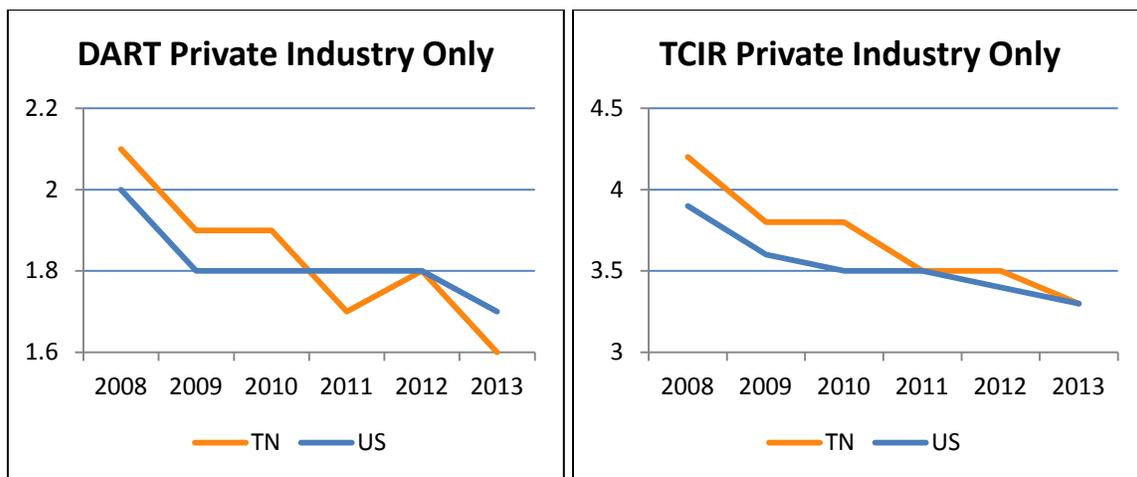
During FY 2014, a review of the SIR indicated 21.2% of violations were vacated and 12.5% were reclassified by the TOSHA Review Commission. As mentioned previously, direct comparison of data to federal OSHA is not possible.

Review of Bureau of Labor Statistic Data

A review of the Bureau of Labor Statistic (BLS) data, over the last five years, reveals a decline in the Days Away, Restricted, Transferred (DART) and the Total Case Incident Rate (TCIR).

Private Sector Only

Year	DART		TCIR	
	TN Private	US Private	TN Private	US Private
2013	1.6	1.7	3.3	3.3
2012	1.8	1.8	3.5	3.4
2011	1.7	1.8	3.5	3.5
2010	1.9	1.8	3.8	3.5
2009	1.9	1.8	3.8	3.6



In 2013, the most recent BLS data available, Tennessee's TCIR of 3.4 for all industries, including state and local governments, is less than the national average of 3.5.

Training of TOSHA Compliance Personnel

Newly-hired TOSHA compliance officers are trained as outlined in the instruction “Initial Training Program for TOSHA Compliance Personnel” (TED-TN 001-00-019). The OSHA Training Institute (OTI) is used as the source for most of the training courses. As soon as OTI course enrollments will allow, a new compliance officer is enrolled in the “Initial Compliance” course. Additional courses are scheduled as detailed in the instruction. Basic training is completed when the nine courses outlined in the instruction are completed. The training needs of all TOSHA compliance personnel are evaluated annually by the supervisors in each area office in conjunction with the section manager. Requests for advanced OTI courses are submitted to the training and education manager for scheduling after supervisor and section manager approval. After the nine basic courses are completed, compliance officers may attend two advanced OTI courses each year, or more often if a special need exists. OTI Education Centers and specialized resources such as those offering Council for Accreditation in Occupational Hearing Conservation (CAOHC)-approved courses, Hazardous Waste and Emergency Response, and Asbestos Inspector/Refresher training are utilized as needed.

In FY 2014, TOSHA employees attended 44 classes at the OSHA Training Institute (OTI). With the increase of new compliance officers all OTI training received in FY2014 was a result of training newly hired compliance officers.

Thirteen trainers were re-authorized as OSHA authorized general industry trainers by attending the #503 Update for General Industry Trainers.

TOSHA staff members attended OTI webinars on #0087 Communication Towers; #0085 Occupational Asthma and the Isocyanate NEP; #0084 Evaluating a Hearing Conservation Program; #0081 Overview of the Revised Electric Power Standards; #0080 Whistleblower Compliant Intake for CSHOs; #0079 Protecting Temporary Workers; #0077 Transitioning to Safer Chemicals; and #0075 Noise Hazards in the Workplace;

By virtue of these training opportunities, as well as attendance at the annual Tennessee Safety and Health Congress, all of the TOSHA staff received professional development training in FY 2014.

Standards

The Tennessee Commissioner of Labor and Workforce Development has the statutory authority to promulgate occupational safety and health standards. Tennessee has generally adopted all federal standards that are applicable in Tennessee. Standards promulgated by federal OSHA are adopted by reference in Tennessee Department of Labor and Workforce Development rules. There were two rule proposals submitted during this period that adopted all federal OSHA promulgated standards during FY 2014 in a timely manner. TCA 50-3-20 was revised to redefine the requirements for a workplace chemical list. No state standards were adopted during this period. The following compliance directives were adopted: TED-TN 01-00-019 Initial Training Program for TOSHA Compliance Personnel; CPL 02-00-158 Inspection Procedures for the Respiratory Protection Standard; CPL 02-01-056 Inspection Procedures for Accessing

Communication Towers; CPL 02-14-01 Site-Specific Targeting 2014; CPL 02-00-155 Inspection Scheduling for Construction

All directives are listed on the division's web page.

TOSHA responded to 189 Open Records Act requests during this period. All Freedom of Information requests forwarded to the division by federal OSHA were satisfied in a timely manner.

TOSHA received no request for a variance during FY 2014.

Voluntary Protection Program (VPP) and Safety and Health Awards Programs

The TOSHA Volunteer STAR VPP Program is administered according to the TOSHA VPP Policy and Procedures Manual (CSP-TN 03-01-003). Tennessee OSHA recognizes only the STAR level of achievement.

Tennessee OSHA currently has 40 sites and 24,090 employees, participating in the Volunteer STAR program. During FY 2014 two new facilities were evaluated and awarded initial Volunteer STAR status.

A review of the 2014 annual self-evaluation data for Volunteer STAR sites reveal Total Case Incident Rates 64% below their respective national averages and Days Away, Restricted, and Transfer Rates 65 % below their respective national averages.

The Tennessee Department of Labor and Workforce Development's Safety Award Program is designed to stimulate interest in accident prevention and to promote safety and health programs. These awards recognize manufacturing and construction employers across the state that, together with their employees, achieve and maintain safe and healthful work sites based on worker-hours worked without a lost time (Commissioner's Award) or without a lost or restricted duty incident (Governor's Award).

During FY 2014, TOSHA presented 16 Governor's Awards and 7 Commissioner's Awards. No exemption or other benefit, with the exception of recognition, is granted to the recipients.

Training and Education Outreach Program

Training seminars are offered to the public in the spring and fall of each year. Seminar topics include: new regulations, basic requirements related to occupational safety and health, and current topics of interest. TOSHA works with co-sponsors to offer seminars, including the University of Tennessee, the Tennessee Chamber of Commerce and Industry, and several state community colleges. The seminars are offered at various locations across the state.

The TOSHA training staff is currently comprised of 16 industrial hygienists and occupational safety specialists who are approved as trainers in addition to their compliance or consultative duties. In FY 2014, TOSHA trainers conducted 304 training sessions, consisting of 31 speeches and 259 courses/seminars. During 479 training hours,

8,665 persons were trained by TOSHA on several topics including “Basic Safety Requirements,” “Maintenance-Related TOSHA Standards,” “OSHA 10-and-30-Hour Courses,” “Dock and Warehouse Safety and Health”.

TOSHA publishes a free quarterly newsletter, “*Together with TOSHA*” distributed through TOSHA’s web site and listserv containing 776 registered users maintained by the training and education manager. In addition many employer and employee associations and groups forward the newsletter to their members. The electronic publication of the newsletter as pdf allows the reader to follow links to additional information or print the document for employees without electronic access. The newsletter offers information, interpretations, best practices, and compliance recommendations on occupational safety and health topics. Topics covered in the newsletters in FY 2014 include:

- Reports on the Tennessee fatality rates and review of “What Kills In Tennessee” along with prevention and hazard control;
- NIOSH published documents “Preventing Falls from Heights through the Design of Embedded Safety Features,” and “Preventing Worker Injuries and Deaths from Backing Construction Vehicles and Equipment at Roadway Construction Worksites”;
- OSHA published documents for silica, recordkeeping and power electric generation;
- State VPP and SHARP company updates and best practices
- Recent TOSHA outreach efforts for example, on the farm training for field sanitation, green tobacco sickness and chemical safety;
- TOSHA regulatory updates including changes to the Tennessee Right to Know Law and the establishment and maintenance of the workplace chemical list;
- Local safety and health efforts in the surround communities, including Safety Fest TN in Oak Ridge and the Tennessee Safety and Health Congress in Nashville, TN.

Complaints About State Program Administration

During FY 2014, no complaints about state plan administration were received.

Discrimination

All allegations of discrimination were investigated by Tennessee OSHA in accordance with established policies and procedures. Allegations found to be of merit were settled or forwarded to the Attorney General’s office for consideration for prosecution. During FY 2014, 81 complaints alleging discrimination in violation of T.C.A. 50-3-409 were filed. Of these, 6 were settled, 8 were withdrawn by the complainant, 31 were found to lack merit, and 24 were closed because the complainant failed to cooperate. The remaining complaints are still under investigation.

Inspection Quality Assurance

Tennessee OSHA compliance officers are trained to perform the essential job functions in a professional and competent manner. Each compliance officer has a job plan and an annual evaluation with at least two interim evaluations during the year. Supervisors performing the annual evaluation accompany compliance officers on an inspection to assure inspection policies and procedures are followed. Newly hired compliance officers are trained as discussed in the training section.

Each inspection report and proposed citations are reviewed by the industrial hygiene or safety supervisor in the area office where the inspection was conducted. The inspection report and proposed citations are forwarded to the industrial hygiene or safety section manager in the central office for additional review. All citations are issued by signature of the TOSHA Administrator, or in his absence, by the Assistant Administrator, as required by state law.

The review of each inspection file and citations by each management level provides continuous assurance of quality work and consistency across all area offices.

A procedure (ADM-TN 03-00-011) has been developed and implemented to audit each area office to assure policies and procedures are being followed. The Kingsport area office was evaluated during January of 2012. The Chattanooga and Knoxville area offices were evaluated during CY 2013. The intent of the procedure is to evaluate two area offices each FY on an ongoing basis.

Annual Performance Goals

All goals were achieved or exceeded with the exception of the goal to eliminate 7,500 serious workplace hazards, the goal to evaluate three new employers to the Volunteer Star Program and the goal to complete 75% of discrimination investigations within 90 days.

Performance Goal 1.1

Eliminate 7,500 serious violations/hazards in workplaces where interventions take place.

Summary - Tennessee OSHA did not meet this goal.

	Compliance	Consultation	Total
Inspections/Visits	1,528	424	1,952
Serious Violations/Hazards	3,902	2,564	6,466
Non-Serious Violations/Hazards	2,298	374	2,672
Repeated Violations	101	n/a	101
Willful Violations	2	n/a	2
Regulatory Hazards	n/a	220	220
Total Violations/Hazards	6,303	3,158	11,413

Performance Goal 1.2 - Carbon Monoxide

Reduce carbon monoxide exposures for 300 employees.

Summary – Tennessee OSHA exceeded this goal

CO levels have been documented as reduced through elimination and engineering controls as follows:

FY	COMPANIES	EMPLOYEES
2004	35	1,977
2005	31	960
2006	37	1,935
2007	29	1,846
2008	35	689
2009	19	721
2010	17	542
2011	8	1102
2012	13	345
2013	10	405
2014	22	975

Performance Goal 1.3 – Abrasive Blasting

Reduce noise exposures for 400 employees.

Summary - Tennessee OSHA exceeded this goal.

Noise levels have been documented as reduced through improvements in hearing conservation programs as follows:

FY	COMPANIES	EMPLOYEES
2014	20	542

Performance Goal 1.4

Reduce the number of fatalities due to falls each year by 1.7% from a baseline of the average number of yearly fatalities (8.2) due to falls from 2003 – 2007. Tennessee OSHA continues to maintain a local emphasis program addressing fall hazards.

Summary – Tennessee OSHA exceeded this goal.

FY	FALL FATALITIES	FATALITIES	% REDUCTION
2008	11	35	1.3
2009	10	32	1.2
2010	7	31	0.9
2011	5	33	0.6
2012	5	37	0.7
2013	6	35	0.5
2014	4	27	1.3

Compliance and consultation documented the elimination of fall hazards and reduced employees' exposure to falls by issuing citations and identifying hazards as outlined in the chart below.

FY	COMPANIES	HAZARDS
2004	445	880
2005	378	879
2006	422	875
2007	469	1,049
2008	521	1,606
2009	544	1,458
2010	418	805
2011	411	811
2012	495	1,506
2013	378	800
2014	301	707

TOSHA informs employers and employees about the fall hazard special emphasis program during each inspection and visit. The goal is to increase employers and employees ability to identify fall hazards and reduce employee exposure to falls.

Performance Goal 1.5

Reduce amputations by 1% each year using Tennessee Workers' Compensation data.

Summary – Tennessee OSHA did not meet this goal.

164 Amputations were reported in FY2014 as compared to 352 in the baseline year of FY2007.

Tennessee OSHA continues to follow the national emphasis program on amputations.

Amputation violations issued

	Companies	Violations/Hazards
2010	284	547
2011	281	690
2012	303	652
2013	292	618
2014	228	455

Amputation information is obtained from CPL 2-1.33. Violations in standards General Machine Guarding - 1910.212, Woodworking Machinery - 1910.213, and Power Presses - 1910.217 are counted. The SIC codes in the CPL include: 2421, 2431, 2434, 2448, 2451, 2499, 2511, 2541, 2542, 3089, 3429, 3441, 3442, 3443, 3444, 3469, 3496, 3499, 3599, 3714, and 3732.

Performance Goal 1.6 – Bloodborne Pathogen Exposure Reduction

Reduce the number of bloodborne pathogen exposures for 1000 employees. Bloodborne pathogen exposures have been documented as reduced through engineering/work practice controls and participation on employees in a formal training program.

Summary – Tennessee OSHA exceeded this goal.

Bloodborne Pathogen Data

	Inspections/Visits	Violations/Hazards	Employees
Compliance	96	320	2,216
Consultation	102	447	5,398
TOTAL	198	767	7,614

Performance Goal 2.1

Train 9,500 people in occupational safety and health training classes.

Summary – Tennessee OSHA exceeded this goal.

	Programs	Personnel
Formal Training	283	8,665
Consultation On-site	359	2,577
TOTAL	642	11,242

Performance Goal 2.2.1

Implement significant improvements in employer occupational safety and health programs in 850 workplaces where Tennessee OSHA compliance had an intervention.

Summary – Tennessee OSHA exceeded this goal.

Inspection Results

	Program Violations	Workplaces
Compliance	2,040	655
Consultation	1,395	277
TOTAL	3,435	932

Performance Goal 2.2.2

Increase employer/employee awareness of safety and health management systems through onsite outreach during 1,150 private sector compliance inspections, 550 public sector compliance inspections, and 300 consultation visits.

Summary – Tennessee OSHA exceed this goal in 2 of 3 sections.

	Goal	Workplaces
Private Sector Compliance	1,150	1,083
Public Sector Compliance	550	591
Consultative Services	300	437
TOTAL	2,000	2,111

Performance Goal 2.3

Evaluate three employers for participation in the Voluntary Protection Program (Volunteer STAR).

Summary – Tennessee OSHA did not meet this goal.

Two new employers were evaluated in FY 2014 for participation in the Volunteer Protection Program known in Tennessee as the Volunteer Star Program.

The following companies were evaluated and awarded initial Volunteer STAR certification:

1. Delta Airlines – Memphis Technical Operations
2. GE Capital Aviation Services - Memphis

Performance Goal 2.4

Evaluate two new employers for the Safety and Health Achievement Recognition Program (SHARP).

Summary – Tennessee OSHA met this goal.

Tennessee OSHA consultation services approved two new employers during FY 2014.

The following companies were evaluated and awarded initial SHARP certification:

1. Mueller Refrigeration - Hartsville
2. ECMD Distribution - Sparta

Performance Goal 3.1

Ensure effective service by maintaining average report turnaround time within the following targets: less than 35 days (safety compliance), less than 55 days (health compliance), less than 20 days (consultation), less than 25 days (public sector compliance):

Summary – Tennessee OSHA exceeded this goal.

	Goal (days)	Average Turnaround (days)
Safety Compliance	35	26.6 IMIS; 27.3 OIS
Health Compliance	55	38.9 IMIS; 26.3 OIS
Public Sector Compliance	20	13.2 IMIS; 22.6 OIS
Consultation	25	13.7

Performance Goal 3.2

Ensure effective service by responding to complaints within the negotiated time frames, less than 15 days (inspections), less than 5 days (inquiries):

Summary – Tennessee OSHA exceeded this goal.

	Goal (days)	Average Days to Open
Inspections	15	4.62 IMIS; 4.64 OIS
Inquiries	5	1.35 IMIS; 1.81 OIS

Performance Goal 3.3

Ensure effective service by meeting discrimination case file turnaround time of 90 days for at least 75% of cases.

Summary – Tennessee OSHA did not meet this goal.

Number of Discrimination Inspections	Number Closed Within 90 Days
71	39

Performance Goal 3.4

Ensure effective service by requiring at least 90% of staff to attend professional development training.

Summary – Tennessee OSHA exceeded this goal.

Number of Professional Staff	Number that Attended Training
64	64

American Sporting Supplies (\$98,200)

A fatal accident investigation was conducted at American Sporting Supplies LLC in McEwen, TN following an explosion. Nine serious citations and one willful citation were issued as a result. Hazards included: no process safety management system in place, appropriate PPE was not being utilized for work with explosive gunpowder, and employees not adequately trained on lockout/tagout requirements when performing servicing/maintenance on machines.

Kilgore Flares Company LLC (\$49,000)

A fatality inspection was conducted at Kilgore Flares Company LLC in Toone, TN following an explosion. The company makes flares. The TOSHA inspection identified several violations of TOSHA standards. Considering the injuries/death suffered in the 2/22/14 Building 71 fire and the potential injuries that could occur for failure to properly manage employee exposure to the energetic composition, any violations of TOSHA standards relating to exposure to energetic composition were classified as serious violations. The violations identified Kilgore's failure to implement procedures, develop reliable data for hazard analysis, and conduct adequate hazard analysis and control hazards.

Owens Construction of Paris LLC (\$40,000)

An inspection was conducted at Owens Construction of Paris LLC in accordance with TOSHA's fall emphasis program. One willful citation and 3 repeat serious citations were issued as result. Hazards included: employees working on a steep roof without fall protection, forklift used to lift personnel which is prohibited by the manufacturer, and the platform used on the forklift was not secured to the forks.

Tradebe Treatment and Recycling of Tennessee LLC (\$49,000)

An accident inspection was conducted at Tradebe Treatment and Recycling of Tennessee LLC in Millington, TN. Tradebe processed large volumes of flammable materials. Improper methods to store and contain flammable materials during processing facilitated an accumulation of flammable vapors in employee work areas. An inadequate ignition control program permitted introduction of ignition sources to flammable atmospheres. The workplace conditions lead to a fire at the facility causing two employees to suffer burn injuries. Employees were not provided proper personal protective equipment. TOSHA identified violations of standards relating to the storage/handling of flammable liquids, personal protective equipment (PPE), powered industrial trucks, fire suppression systems, and hazardous waste operations.

Supreme Oil Central, Inc (\$28,500)

A complaint inspection was conducted at Supreme Oil Central, Inc. in Nashville, TN. The complaint alleged potential employee exposure to ammonia as a result of improper maintenance of an ammonia refrigeration system and potential exposure to carbon monoxide (CO) from fork truck exhaust. Through this occupational health inspection, TOSHA identified potential for employee exposure to ammonia through deficiencies with ammonia refrigeration system construction, maintenance, and procedures. Citations were proposed for violations of TOSHA standards relating to the identified deficiencies

Southern Energy Co Inc (\$25,400)

An inspection was conducted at Southern Energy Co Inc. a bio-diesel refiner located in Shelbyville, TN. This was a media referral due to a fire. Several serious violations were cited including: process safety information did not include the relief system design and design basis, no clear operating procedures for safely conducting activities and performing emergency shutdown, and safe work practices not developed for control of hazards during lockout/tagout.

Special Accomplishments

- Tennessee OSHA co-sponsored the 37th annual Tennessee Safety and Health Congress with the American Society of Safety Engineers. The Congress was attended by approximately 1,112 delegates and exhibitors.
- TOSHA co-sponsored the Safety Fest TN 2014 presented by the Oak Ridge Business Safety Partnership on September 8-12th, 2014. Approximately 1,200 employers and employees attended the free safety and health event.
- Tennessee OSHA produced and distributed the quarterly newsletter, *Together with TOSHA*. Several training videos including the new 2013 Hazard Communication meeting the GHS requirements were developed and made available on the department's website.
- Tennessee OSHA partnered with the following safety organizations to conduct training:
 - Tennessee Chamber of Commerce and Industry
 - University of Tennessee Center for Industrial Studies
 - Bristol Chamber of Commerce
 - Tennessee Safety and Health Congress
 - Associated General Contractors
 - Associated Builders and Contractors
 - American Society of Safety Engineers
 - American Industrial Hygiene Association
 - Oak Ridge Safety Fest TN
 - Tennessee Association of Utility Districts (TAUD)
 - Tennessee Valley Public Power Association (TVPPA)
 - Upper Cumberland Safety and Environmental Council (UCSEC)
 - Pigeon Forge and Gatlinburg Hospitality Associations
 - Nashville Chapter of the Alliance of Hazardous Materials Managers
 - Kingsport Builders Association
 - TDEC DSWM Solid and Hazardous Waste
 - USPoultry and Egg Association
 - Tennessee Health Care Association
- TOSHA also partnered with the following institutions of higher learning
 - Meharry Medical School
 - Meharry Dental School
 - Volunteer State Community College
 - Northeast State Community College
 - Walters State Community College
 - University of Tennessee at Chattanooga

- The Administrator has been re-appointed to the Advisory Committee on Construction Safety and Health.
- The VPP manager attended the Annual Region IV VPPPA Conference and serves as an ex-officio member of the Region IV chapter board of directors.
- The Consultative services manager serves as the Region IV National Association of Occupational Safety and Health Consultation Programs (OSCHON) Representative.
- As the only occupational medicine residency program in the state of Tennessee, Meharry Medical College has played an important role in ensuring an adequate supply of qualified professional occupational health practitioners in the state. The Tennessee Occupational Safety and Health Administration (TOSHA) is proud to have supported the training of occupational medicine residents from Meharry Medical College for more than two decades by providing opportunities for practicum experience. As a result of the Meharry Medical School Residency Program Partnership, TOSHA trained two occupational medicine residents in FY2014.
- The Training and Education Manager was appointed to the Residency Advisory Committee at Meharry Medical College, the state's only occupational medicine residency program.
- Tennessee OSHA compliance officers and consultants answered approximately 1,000 technical assistance e-mail inquiries received from the public. In addition, consultants and compliance officers answered technical assistance calls daily.
- The Tennessee OSHA industrial hygiene laboratory is accredited by the American Industrial Hygiene Association in gas chromatography, flame ionization detection, nitrogen-phosphorus detection, UV-visible spectrometry, gravimetric analysis, inductively coupled plasma with mass spectrometry detection, and ion chromatography.
- The Administrator attended all OSHSPA meetings held during FY2014.
- TOSHA, in partnership with N.C. Department of Labor/NCOSHA, U.S. Department of Labor's Wage and Hour Division, Farm Bureau, RJ Reynolds, American Snuff, and Santa Fe Natural, held an on-farm training session in Adams, Tennessee on July 23rd, 2014. Approximately 167 farm workers and 60 growers attended training on field sanitation and health hazards related to chemical exposures during pesticide/herbicide/fungicide applications, child labor laws, USDOL regulations, housing standards, farm equipment safety, heat stress, and green tobacco sickness. Growers and workers rotated through training sessions on each topic.

- TOSHA attended the Filipino dual citizenship event in Smyrna, TN on May 20th, 2014. TOSHA representatives handed out safety material on falls, most cited TOSHA standards in construction and general industry, heat stress, new GHS pictograms and SDS format, and consultation request forms. TOSHA representatives spoke with approximately fifty workers, family members of workers and several employers.
- TOSHA participated with Goodwill Industries International, Inc., “Target Zero” employee safety Fair on August 29th, 2014. TOSHA trained approximately 500 Goodwill employees on basic warehouse safety and health hazard identification during the fair.
- TOSHA attended the “Workers’ Rights Week” and dual citizenship sponsored by the Consulate General of Mexico in Nashville, TN on August 25th, 2014. TOSHA representatives handed out material on identification and control of common safety and health hazards found in the workplace. TOSHA representatives provided a presentation on TOSHA and workers rights to approximately fifty workers, family members of workers, and several employers.
- TOSHA participated in the 2014 Fall Protection Safety Stand-Down held June 2nd through the 6th. The National Fall Prevention Stand-Down raised awareness of preventing fall hazards in construction. In Tennessee more than 15,000 employees participated in this year’s stand-down.