



Arson Laboratory Improvement Program (ALIP) - 2016 Report

12 Month Analysis

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METHOD 1 ACCELERANTS
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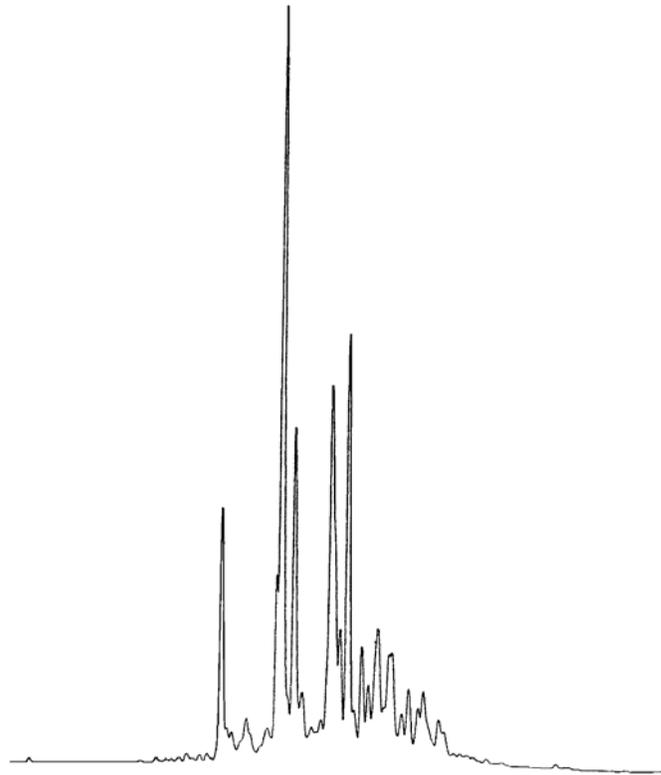


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Section 1 - Introduction

New York State general Municipal Law Article 6c Section 156 empowers the Office of Fire Prevention and Control to, among many other things; advise and assist in the coordination and strengthening of activities, programs, services, and rules and regulations of agencies which have functions, powers and duties relating to arson suppression, detection, investigation and prosecution. In addition, the Office is empowered to “improve arson evidence analysis and testing at existing facilities and periodically recommend to the governor and the legislature methods to improve such services.” The Arson Laboratory Improvement Program (ALIP) was instituted as one method to accomplish those mandates.

The Office of Fire Prevention and Control, through the Arson Laboratory Improvement Program (ALIP), provides financial support to participating forensics laboratories as a means to assure and improve the quality and effectiveness of fire debris analysis that each of those laboratories performs. Through this program, the Office of Fire Prevention and Control participates on the New York Crime Laboratory Advisory Committee’s (NYCLAC) Technical Working Group for Fire Debris. That group, consisting of personnel from the Office of Fire Prevention and Control, NYS Division of Criminal Justice Services, and all of the forensics laboratories that conduct fire debris analysis in New York, works to encourage consistency in laboratory reports and reporting procedures; promote uniformity in testing methods and procedures; identify technical and policy issues affecting the discipline; identify training and developmental needs of discipline personnel; share and exchange information; and serve as a resource to NYCLAC in resolving technical issues

The Arson Laboratory Improvement Program (ALIP) Report shows various data elements relating to fire debris samples analyzed by the forensics laboratories in New York State for a specific year. The specific data elements captured and referenced in this report, include; the number of samples submitted and analyzed, the number and percentage of positive samples identified, comparison samples submitted and the number of positive identifications in those comparison samples. The report also provides information on the number of samples that were identified using a canine team, those collected related to vehicle fire cases, and the duration of time from sample collection, to laboratory submission, and subsequently completion of analysis. Finally, this report provides an annual summary of samples analyzed as well as a multiple year expression at the total number of samples examined.

Arson Laboratory Improvement Project Participating Laboratories 2016

<p>Erie County Dept. of Central Police Services Forensic Laboratory Public Safety Campus Building 45 Elm Street Buffalo NY 14203 John Simich, Ph.D., Director</p>	<p>New York City Police Department Forensic Investigations Division 150-14 Jamaica Avenue Jamaica NY 11432 Dr. Scott O'Neill, Assistant Commissioner / Director</p>
<p>Monroe County Crime Lab 85 West Broad St Rochester NY 14614 John Clark, Administrator</p>	<p>Niagara County Crime Lab P.O. Box 496 5526 Niagara Extension Lockport NY 14095 Al Mack, Director</p>
<p>Nassau County Div. of Forensic Services 2251 Hempstead Turnpike Building R East Meadow, NY 11554-1856 Pasquale Buffolino Ph.D., Director</p>	<p>Onondaga County Center for Forensic Sciences 100 Elizabeth Blackwell Street Syracuse NY 13210 Dr. Kathy Corrado, Director</p>
<p>New York State Police Forensic Investigation Center Building 30 1220 Washington Avenue Albany NY 12226-3000 Ray Wickenheiser, Director</p>	<p>Suffolk County Crime Lab Forensic Sciences Building #487 725 Veterans Memorial Highway P.O. Box 6100 Hauppauge NY 11787-0099 Robert Genna, Director</p>
<p>New York State Police Western Regional Crime Lab 722 Homer Street Olean NY 14760-1130 Jeffrey Marciano, Supervisor</p>	<p>Westchester County of Labs & Research Division of Forensic Sciences 10 Dana Road Valhalla NY 10595 Robert Adamo, Director</p>

Section 2 – Statistical Summaries

This report reflects the annual summary of the laboratories analysis of fire debris evidence.

STATEWIDE ANNUAL AVERAGES 2012 - 2016

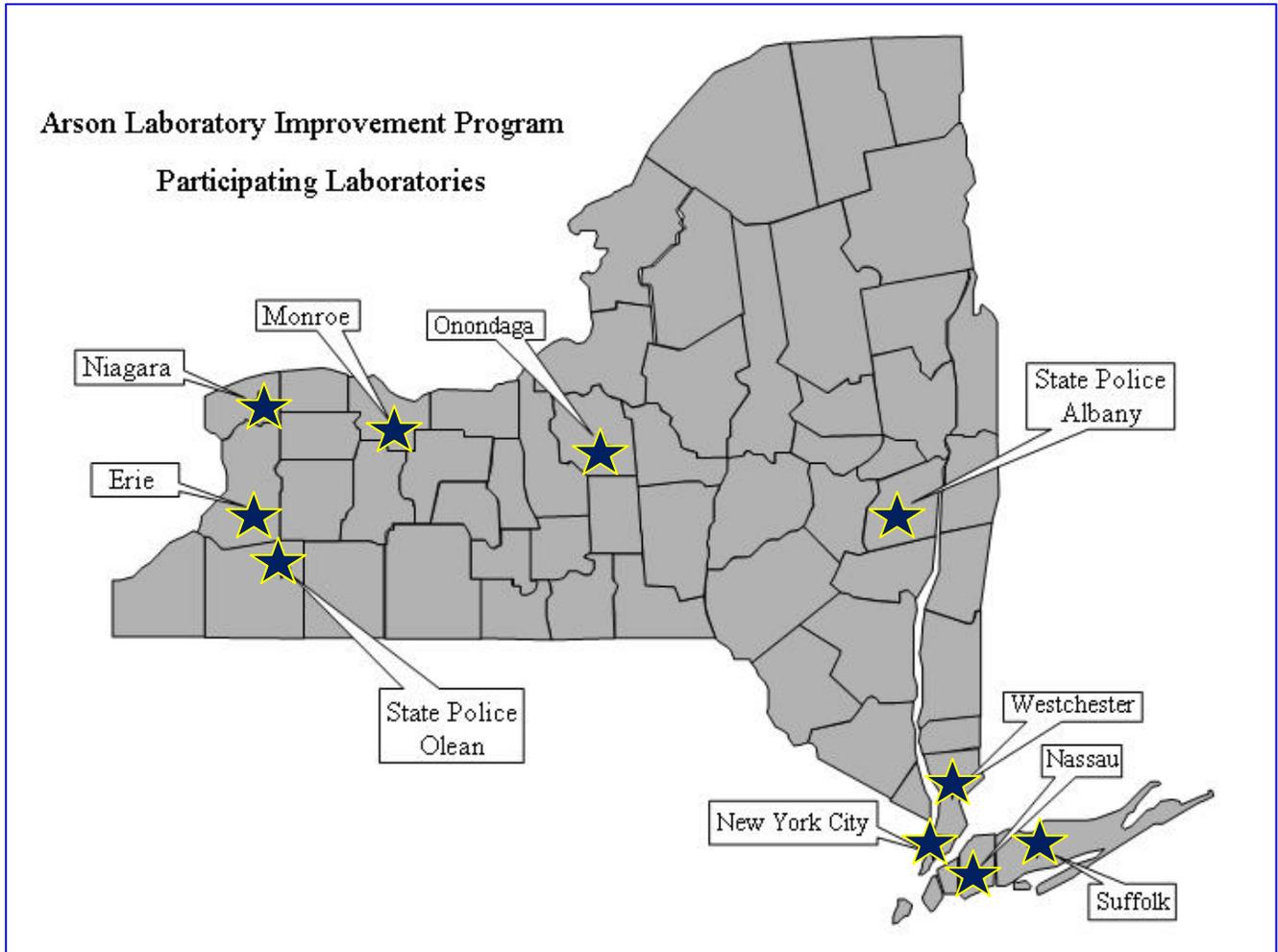
Year	Samples Examined	% Samples Positive
2016	1424 ↓	49%
2015	1572 ↑	51%
2014	1587 ↑	50%
2013	1362 ↓	49%
2012	1722 ↑	49%
5 Yr. Average	1534	49%

↑↓ Indicates above or below five year average

2016 ALIP SUMMARY DATA BY LABORATORY

Laboratory	Suspect Samples Received	Suspect Samples Examined	Suspect Samples Positive	Comparison Samples Examined	Comparison Samples Positive
State Police					
Headquarters - Albany	201	198	97	9	2
Western Region - Olean	274	271	102	25	3
City Labs					
New York City	274	208	152	20	8
Counties					
Erie	123	137	82	2	0
Monroe	210	208	83	17	3
Nassau	13	13	17	4	3
Niagara	69	69	28	9	0
Onondaga	59	53	17	8	0
Suffolk	178	205	108	15	5
Westchester	23	62	14	7	1

Section 3 – Individual Laboratory Data



State Police Laboratory Summary

Laboratory: Headquarters, Albany

Reporting Year	Number of Months Reported	Grand Jury or Trial Testimony	Deposition Testimony
2016	12	3	0

Suspect Samples Received	Suspect Samples Examined	Suspect Samples Positive	
201	198	97	
Comparison Samples Examined	Comparison Samples Positive	Total # Improper Container, Improper Packaging or Failed Container	
9	2	3	
K9 Suspect Samples	Positive K9 Suspect Samples	Vehicle Suspect Samples	Positive Vehicle Suspect Samples
47	33	34	18

Case Submission Time From Time of Collection		Case Turn Around Time	
Completed 1-15 days	68.7%	Completed 1-15 days	42.4%
Completed 16-30 days	20.4%	Completed 16-30 days	45.5%
Completed > 30 days	10.9%	Completed > 30 days	12.1%

Comment Section

Laboratory: Western Regional Crime Lab, Olean

Reporting Year	Number of Months Reported	Grand Jury or Trial Testimony	Deposition Testimony
2016	12	2	1

Suspect Samples Received	Suspect Samples Examined		Suspect Samples Positive	
274	271		102	
Comparison Samples Examined		Comparison Samples Positive		Total # Improper Container, Improper Packaging or Failed Container
25		3		2
K9 Suspect Samples	Positive K9 Suspect Samples		Vehicle Suspect Samples	Positive Vehicle Suspect Samples
57	37		30	8

Case Submission Time From Time of Collection		Case Turn Around Time	
Completed 1-15 days	673.7%	Completed 1-15 days	85.6%
Completed 16-30 days	8.4%	Completed 16-30 days	13.3%
Completed > 30 days	20.1%	Completed > 30 days	3.7%

Comment Section

City Laboratory Summary

Laboratory: New York City

Reporting Year	Number of Months Reported	Grand Jury or Trial Testimony	Deposition Testimony
2016	12	1	0

Suspect Samples Received	Suspect Samples Examined	Suspect Samples Positive	
274	208	152	
Comparison Samples Examined	Comparison Samples Positive	Total # Improper Container, Improper Packaging or Failed Container	
20	8	2	
K9 Suspect Samples	Positive K9 Suspect Samples	Vehicle Suspect Samples	Positive Vehicle Suspect Samples
0	0	51	37

Case Submission Time From Time of Collection		Case Turn Around Time	
Completed 1-15 days	100%	Completed 1-15 days	100%
Completed 16-30 days	0.0%	Completed 16-30 days	0.0%
Completed > 30 days	0.0%	Completed > 30 days	0.0%

Comment Section

County Laboratory Summary

Laboratory: Erie

Reporting Year	Number of Months Reported	Grand Jury or Trial Testimony	Deposition Testimony
2016	12	1	0

Suspect Samples Received	Suspect Samples Examined	Suspect Samples Positive	
123	137*	82	
Comparison Samples Examined	Comparison Samples Positive	Total # Improper Container, Improper Packaging or Failed Container	
2	0	3	
K9 Suspect Samples	# of Positive K9 Suspect Samples	Vehicle Suspect Samples	# of Positive Vehicle Suspect Samples
1	1	12	5

Case Submission Time From Time of Collection		Case Turn Around Time	
Completed 1-15 days	95.9%	Completed 1-15 days	24.1%
Completed 16-30 days	3.3%	Completed 16-30 days	67.2%
Completed > 30 days	0.8%	Completed > 30 days	8.8%

Comment Section

Laboratory data submitted for annual report includes back log.

Laboratory: Monroe

Reporting Year	Number of Months Reported	Grand Jury or Trial Testimony	Deposition Testimony
2016	12	2	0

Suspect Samples Received	Suspect Samples Examined	Suspect Samples Positive	
210	208	83	
Comparison Samples Examined	Comparison Samples Positive	Total # Improper Container, Improper Packaging or Failed Container	
17	3	0	
K9 Suspect Samples	# of Positive K9 Suspect Samples	Vehicle Suspect Samples	# of Positive Vehicle Suspect Samples
0	0	22	13

Case Submission Time From Time of Collection		Case Turn Around Time	
Completed 1-15 days	96.7%	Completed 1-15 days	94.7%
Completed 16-30 days	.05%	Completed 16-30 days	5.3%
Completed > 30 days	00.0%	Completed > 30 days	00.0%

Comment Section

Laboratory: Nassau

Reporting Year	Number of Months Reported	Grand Jury or Trial Testimony	Deposition Testimony
2016	12	0	0

Suspect Samples Received	Suspect Samples Examined	Suspect Samples Positive	
13	13	17	
Comparison Samples Examined	Comparison Samples Positive	Total # Improper Container, Improper Packaging or Failed Container	
4	3	1	
K9 Suspect Samples	# of Positive K9 Suspect Samples	Vehicle Suspect Samples	# of Positive Vehicle Suspect Samples
16	12	11	4

Case Submission Time From Time of Collection		Case Turn Around Time	
Completed 1-15 days	69.2%	Completed 1-15 days	69.2%
Completed 16-30 days	7.7%	Completed 16-30 days	7.7%
Completed > 30 days	30.8%	Completed > 30 days	30.8%

Comment Section

Laboratory: Niagara

Reporting Year	Number of Months Reported	Grand Jury or Trial Testimony	Deposition Testimony
2016	12	0	0

Suspect Samples Received	Suspect Samples Examined	Suspect Samples Positive	
69	69	28	
Comparison Samples Examined	Comparison Samples Positive	Total # Improper Container, Improper Packaging or Failed Container	
9	0	0	
K9 Suspect Samples	# of Positive K9 Suspect Samples	Vehicle Suspect Samples	# of Positive Vehicle Suspect Samples
0	0	3	2

Case Submission Time From Time of Collection		Case Turn Around Time	
Completed 1-15 days	84.1%	Completed 1-15 days	89.9%
Completed 16-30 days	15.1%	Completed 16-30 days	10.1%
Completed > 30 days	0.0%	Completed > 30 days	0.0%

Comment Section

Laboratory: Onondaga

Reporting Year	Number of Months Reported	Grand Jury or Trial Testimony	Deposition Testimony
2016	12	0	0

Suspect Samples Received	Suspect Samples Examined	Suspect Samples Positive	
59	53	17	
Comparison Samples Examined	Comparison Samples Positive	Total # Improper Container, Improper Packaging or Failed Container	
8	0	0	
K9 Suspect Samples	# of Positive K9 Suspect Samples	Vehicle Suspect Samples	# of Positive Vehicle Suspect Samples
0	0	0	0

Case Submission Time From Time of Collection		Case Turn Around Time	
Completed 1-15 days	94.9%	Completed 1-15 days	11.3%
Completed 16-30 days	8.5%	Completed 16-30 days	22.6%
Completed > 30 days	8.5%	Completed > 30 days	47.2%

Comment Section

Laboratory: Suffolk

Reporting Year	Number of Months Reported	Grand Jury or Trial Testimony	Deposition Testimony
2016	12	0	0

Suspect Samples Received	Suspect Samples Examined		Suspect Samples Positive	
178	205*		108	
Comparison Samples Examined	Comparison Samples Positive	Total # Improper Container, Improper Packaging or Failed Container		
15	5	9		
K9 Suspect Samples	# of Positive K9 Suspect Samples	Vehicle Suspect Samples	# of Positive Vehicle Suspect Samples	
20	4	58	27	

Case Submission Time From Time of Collection		Case Turn Around Time	
Completed 1-15 days	97.8%	Completed 1-15 days	14.1%
Completed 16-30 days	1.7%	Completed 16-30 days	30.2%
Completed > 30 days	0.6%	Completed > 30 days	55.6%

Comment Section

Laboratory data submitted for annual report includes back log.

Laboratory: Westchester

Reporting Year	Number of Months Reported	Grand Jury or Trial Testimony	Deposition Testimony
2016	12	0	0

Suspect Samples Received	Suspect Samples Examined		Suspect Samples Positive	
23	62*		14	
Comparison Samples Examined		Comparison Samples Positive		Total # Improper Container, Improper Packaging or Failed Container
7		1		2
K9 Suspect Samples	# of Positive K9 Suspect Samples		Vehicle Suspect Samples	% of Positive Vehicle Suspect Samples
12	3		8	4

Case Submission Time From Time of Collection		Case Turn Around Time	
Completed 1-15 days	100%	Completed 1-15 days	0.0%
Completed 16-30 days	0.0%	Completed 16-30 days	0.0%
Completed > 30 days	0.0%	Completed > 30 days	100.0%

Comment Section

Laboratory data submitted for annual report includes back log.

New York State

Crime Laboratory Advisory Committee
Technical Working Group for Fire Debris

**Division of Homeland Security and Emergency Services - Office of Fire Prevention
and Control**
Arson Laboratory Improvement Program

Division of Criminal Justice Services - Office of Forensic Services

“Committed to improving the quality and effectiveness of fire debris
evidence analysis and combating the crime of arson.”

Andrew M. Cuomo
Governor
State of New York

John P. Melville
Commissioner
Division of Homeland
Security and Emergency
Services



Francis J. Nerney, Jr.
State Fire Administrator

Paul D. Martin
Deputy State Fire Administrator

Guy W. Swartwout
Inspection and Investigation
Branch Chief

William J. McGovern, Jr.
Inspection and Investigation
Deputy Chief