

THE LIMITED RECORD OF THE  
ASSOCIATED BUILDERS AND CONTRACTORS  
IN NEW YORK CITY METROPOLITAN REGION  
CONSTRUCTION, MWBE DEVELOPMENT,  
AND WORKFORCE TRAINING

PART I

May 2018



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## Introduction

This report has been developed by Rochester Research Associates, LLC, an independent third-party research organization. The information presented within has been compiled to evaluate the record of the Associated Builders and Contractors Inc. Empire State Chapter (ABC), specifically in the New York City Metropolitan Region, with regard to construction or construction-related firm representation, certified MWBE/DBE firms, and workforce training. It also compares certain parts of this record to that of the Building Trades Employers' Association (BTEA).

## Executive Summary

- ABC is comprised of only 84 construction or construction-related firms in the region.
- Of the ABC's total membership of 119 firms in the region, nearly 30% are not construction or construction-related firms.
- BTEA is comprised of 858 member firms in the region, 100% of which are construction or construction-related firms – more than 10 times the number of such member firms of the ABC.
- The BTEA significantly outnumbers the ABC in the following trades in the region: General Contractors, Electrical, Masonry, Mechanical, Sheet Metal, Carpentry, Plumbing, and Glaziers.
- Only three (3) ABC members in the region are certified MWBE/DBE firms.
- 83 BTEA members in the region are certified MWBE/DBE firms.
- ABC certified MWBE firms have considerably less operational capacity compared to BTEA certified MWBE firms.
- In all five (5) categories of MWBE operational capacity, BTEA certified MWBE firms represent over 85% in comparison to ABC certified MWBE firms.
- Since ABC's incorporation in 1971, there were no approved apprenticeship programs until 2007.
- ABC advertises its use of the Construction Training Center for New York State (CTCNYS) for apprenticeship programs and training, yet application due dates have passed with no indication of new dates, phone numbers no longer exist, and there is no NYS-approved apprenticeship program.
- Out of the ABC members in the region, only 13 firms out of 30 with their own apprenticeship program could have possible apprenticeship graduates based on the program approval dates.
- Despite the Empire State Merit Apprenticeship Alliance being incorporated in 2007, there were no apprenticeship program sponsors added until February of 2014.

## General Overview

The purpose of this report is to compare and contrast two construction industry associations and their memberships in the New York City Metropolitan Region. The research was conducted on two associations: The Empire State Chapter of the Associated Builders and Contractors, Inc. (ABC) and the Building Trades Employers' Association (BTEA).

Both associations appear to have a similar mission, yet very different approaches and records. According to the ABC website, the group's mission "is the advancement of the merit shop construction philosophy, which encourages open competition and a free-enterprise approach that awards contracts based solely on merit, regardless of labor affiliation." ABC is widely considered to represent a non-union perspective.

BTEA's mission is "to advance the interest of New York City Construction Trade Associations and their corporate members, recognizing that a vibrant construction industry is essential to the economic future of New York City." BTEA members all have at least one agreement with a union in the construction industry and, although some of its construction managers and general contractors subcontract to both unionized and nonunionized firms, most of its members exclusively employ individuals represented by unions, and the majority of the work performed by its members is unionized.

## Long Island/Metropolitan Region Construction Membership Comparisons

To fairly compare the ABC and BTEA, every attempt was made to compare both associations using similar parameters. As such, the data included in this report is limited to only that which was obtained from members located within the ABC's defined Long Island/Metropolitan Region, which is comprised of the following twelve counties: Bronx, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk, Sullivan, and Westchester.

326 members of the Subcontractors Trade Association listed within the BTEA were not included in the total members and any companies listed as members of multiple associations within the BTEA were only accounted for once. 63 members of the Association of Contracting Plumbers of the City of New York, which are not currently members of the BTEA but have been in the past, are included in the total members due to the shared unionization characteristics of their members with BTEA member specialty contractors and subcontractors.

## ABC Long Island and Metropolitan Region Membership

The breakdown of membership type affiliated with each association is important to accurately depict its representation in the construction industry. According to the 2016-2017 ABC Empire State Membership Directory, there are a total of 119 members in the Long Island/Metropolitan Region, of which:

- 84 (70.6 %) are construction or construction-related firms and
- 35 (29.4%) are non-construction-related.

**Table 1** below shows the breakdown of trades represented in the ABC membership; a total of 119 firms.

**Table 1. Trades of ABC Members**

Construction Trade*	# of Companies**	Percent Calculation
HVAC	15	12.6 %
General Contractors	21	17.6 %
Plumbing	12	10.1 %
Heavy Highway	3	2.5 %
Electrical	17	14.3 %
Concrete/Masonry	6	5.0 %
Glaziers	3	2.5 %
Carpentry/Drywall	2	1.7 %
Sheet Metal	3	2.5 %
Elevators	5	4.2 %
Existing Conditions/Surveyors	6	5.0 %
Cranes/Hoists	1	0.8 %
Roofing	3	2.5 %
Waterproofing	2	1.7 %
Insulation	1	0.8 %
Asbestos/Demolition	2	1.7 %
Fire Detection/Alarms	2	1.7 %
Associate	28	23.5 %
Supplier	7	5.9 %

**Source:** The ABC Empire State Membership Directory 2016-2017

**\*Note:** 116 members of the Long Island/Metropolitan Region were sorted based on the trades listed according to the Categorical Index in the ABC Empire State Directory, 3 were categorized based on the company's online profile.

**\*\*Note:** Some companies were counted multiple times if they were listed as members of multiple associations within the ABC membership directory, thus adding to the company count per trade and raising the percentage to over 100%.

## BTEA Membership

Given the parameters outlined above, the BTEA membership consists of 858 members, of which:

- 858 (100%) are construction or construction-related firms and
- 0 (0%) are non-construction-related firms.

**Table 2** below shows the breakdown of trades represented in the BTEA membership according to BTEA Membership Associations and reflects only the companies which are in the 12 counties of the ABC Long Island/Metropolitan Region.

**Table 2. Trades of BTEA Members**

Construction Trade*	# of Companies**	Percent Calculation
Structural Steel/Structural Painting	29	3.40 %
Electrical	128	14.90 %
Painters & Decorators	59	6.90 %
Boilermakers	7	0.80 %
General Contractors	187	21.80 %
Building Restoration	7	0.80%
Masonry	35	4.10 %
Elevators	3	0.30 %
Flooring	13	1.50 %
HVAC	61	7.10 %
Demolition/Asbestos	11	1.30 %
Insulation	27	3.10 %
Waterproofing/Roofing	11	1.30 %
Sheet Metal	36	4.20 %
Hoisting/Scaffolding	12	1.40 %
Carpentry/Drywall	187	21.80 %
Glaziers	25	2.90 %
Plumbers	63	7.30 %

**Source:** Construction trades and number of companies were based upon the number of members in each association in the BTEA

**\*Note:** Categories were defined by the trades with which the members of the BTEA are associated.

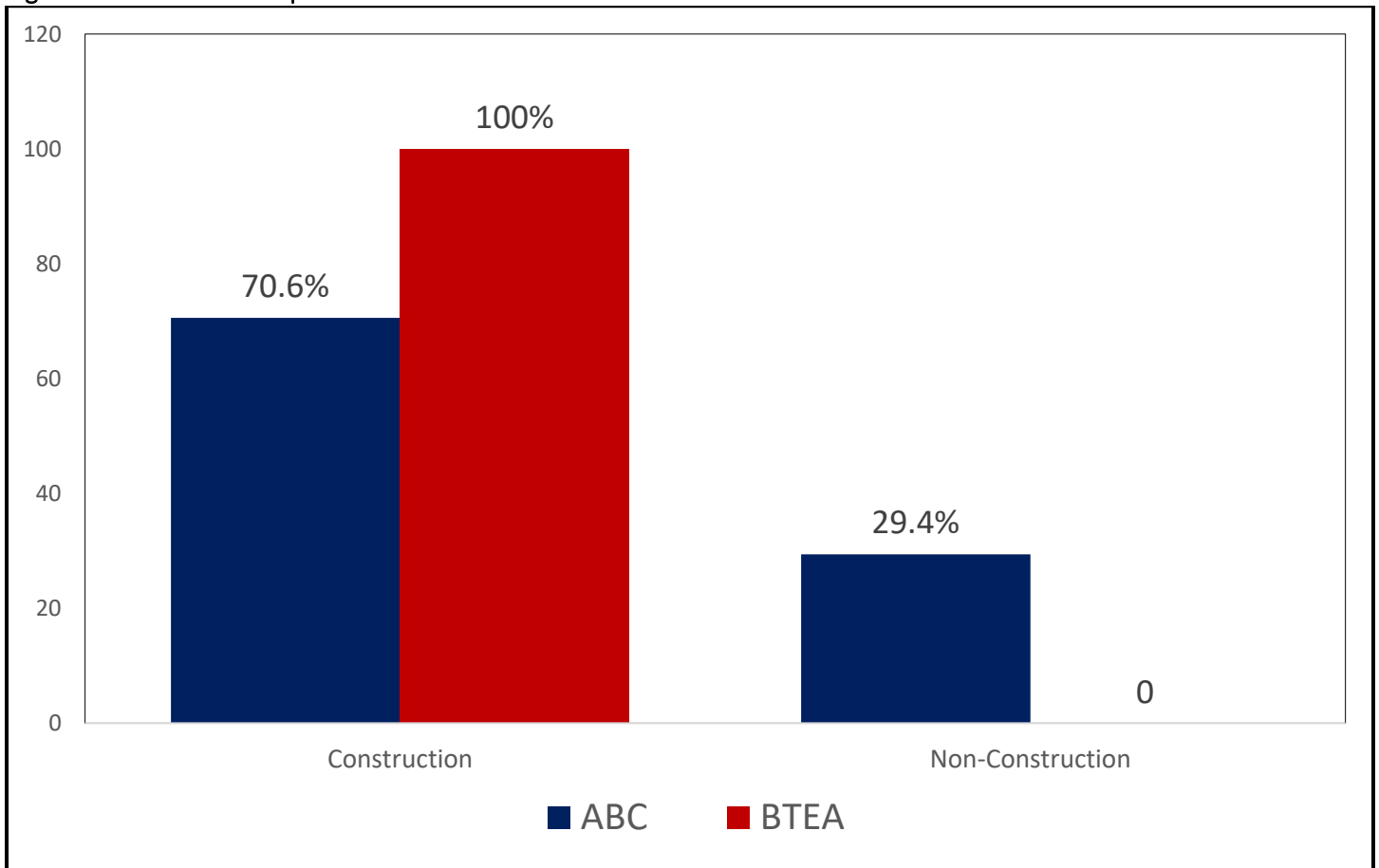
**\*\*Note:** Some companies are counted multiple times if they are members of multiple associations within the BTEA thus adding to the company count per trade and raising the percentage total to over 100%. These totals do not include the Subcontractors Trade Association, as most, to all members in this association are members of other associations that have been counted towards the totals.

## Comparison of ABC and BTEA Memberships by Trade

In comparing the two associations, it is necessary to show the breakdown of members in construction and construction-related or non-construction related categories to get an accurate depiction of representation.

**Figure 1** below compares the percent of members in construction versus non-construction related members for the ABC Long Island/Metropolitan Region and the BTEA members. Almost 30% of the ABC's membership is in non-construction related fields.

**Figure 1. Association Comparison between ABC & BTEA**

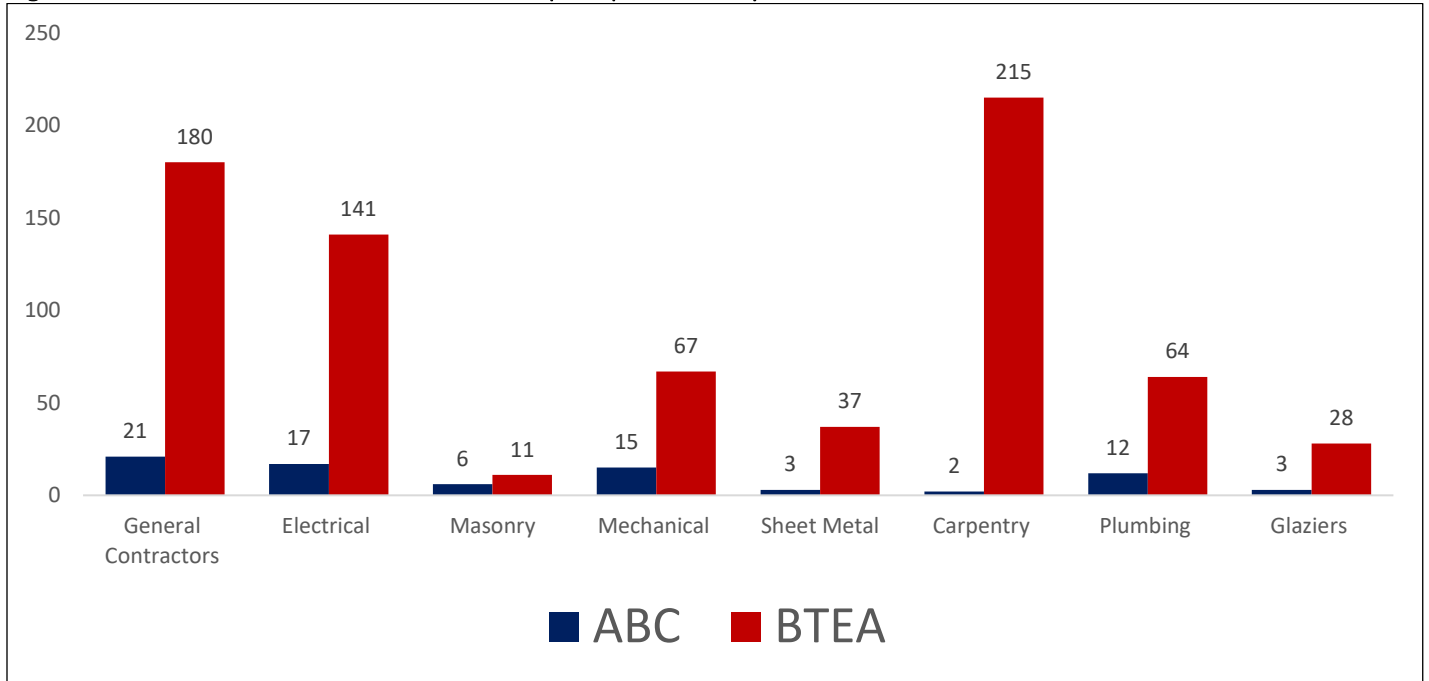


<b>ABC:</b> Construction/Construction-Related (84)	Non-Construction (35)
<b>BTEA:</b> Construction/Construction-Related (858)	Non-Construction (0)

**Source:** ABC Empire State Membership Directory 2016-2017 categorical index and the Building Trades Employers' Association Contractor members and associations

Figure 2 below compares the number of members of the ABC Long Island/Metropolitan Region and the BTEA in the 12-county region that work in the following trades: General Contractors, Electrical, Masonry, Mechanical, Sheet Metal, Carpentry, Plumbing, and Glaziers. In terms of the amount of companies that perform each trade, the ABC has significantly less members in each trade compared to the BTEA.

Figure 2. Number of ABC and BTEA Memberships Represented by Trade



Source: ABC Empire State Membership Directory 2016-2017 categorical index and the Building Trades Employers' Association Contractor members and associations



## MWBE/DBE Certified Firms

A MWBE/DBE certified firm is defined as one where an individual owns, operates, and controls at least 51% of the firm and meets the criteria as a minority member and/or woman.

New York State agencies recognize the importance of diversity in procurement in the construction industry and as a result, outreach initiatives continue for certified firms to compete and meaningfully participate in the procurement process.

To compare the agencies' certified firms between the ABC and BTEA members, certifications were limited to those which would be applicable to construction projects in the New York City Metropolitan Region. The three agencies used to verify certifications were:

- Empire State Development's Division of Minority and Women's Business Development (DMWBD) - New York State's certification of Minority- and Woman-owned Business Enterprise (MWBE),
- New York State Unified Certification Program (NYSUCP) - administers certification for the federal program Disadvantaged Business Enterprise (DBE) which includes New York State Department of Transportation (NYSDOT), Metropolitan Transportation Authority (MTA), Port Authority of New York and New Jersey (PANYNJ), and Niagara Frontier Transportation Authority (NFTA), and
- New York City Department of Small Business Services (NYC) - the City's certification program features the Minority and Women-owned Business Enterprise (MWBE) Program, the Emerging Business Enterprise (EBE) Program, and the Locally-based Business Enterprise (LBE) Program.

## ABC & BTEA Membership Representation of MWBE/DBE Certified Firms

As the importance of diversifying procurement continues, out of the ABC members, only 3 are certified firms, in comparison to BTEA which has 83 total certified firms in the designated 12-county area.

### a. ABC's Certified Firms

MWBE/ DBE Certified Firm Comparison:

Of the members of the ABC Long Island/Metropolitan Region only three (3) members are certified. Of those, the breakdown of certifications is as follows:

- (3) Total Certified Firms
- (3) Minority and Woman-Owned Business Enterprise
- (0) Disadvantaged Business Enterprise
- (2) NYC Certified Firms

**b. BTEA Certified Firms**

The breakdown of certifications based on BTEA members is as follows:

- (83) Total Certified Firms
- (68) Minority and Women-Owned Business Enterprise (MWBE)
- (20) Disadvantaged Business Enterprise
- (61) NYC Certified Firms

**Certified Firms’ Operational Capacity**

“Operational Capacity” refers to the maximum dollar amount of business that a company can perform on an annual basis. Operational Capacity data is collected from the New York State’s certification of Minority-and Woman-owned Business Enterprise directory. Since the data is not disclosed for Disadvantage Business Enterprises or New York City’s certified firms, those firms were not included in the operational capacity.

**ABC MWBE Firms**

**Table 3** below Indicates the ABC members their operational capacity, certification types, and the New York State districts in which they work.

**Table 3. Details of MWBE Certified Firms of ABC Members**

Company	MWBE Operational Capacity***	Certification Types	Work Districts
Hall Enterprises	\$1,000,000- \$4,999,999	MBE, NYC	Long Island, New York City
International Empire Electric Corp.	\$1,000,000- \$4,999,999	MBE, NYC	Long Island, New York City
Star Fire Protection	\$1,000,000- \$4,999,999	MBE	Long Island, New York City, Mid- Hudson

**Sources:** Data obtained from the ABC Directory\*\* and New York State MWBE Directory\*\*\*

**\*Note:** Members of the Long Island/Metropolitan Region

Of the 3 firms that ABC Long Island/Metropolitan Region identifies to be MWBE Certified with New York State, the averages of operational capacities are as follows:

- 0% - Over \$5 Million
- 100% -\$1,000,000- \$4,999,999 (3 Companies)
- 0% - \$500,000- \$999,999

## BTEA MWBE Firms

**Table 4** below indicates the BTEA certified New York State MWBE firms' operational capacity and the districts in which they work.

**Table 4. Details of MWBE Certified Firms of BTEA Members**

Company	Operational Capacity	Work Districts
A Tech Electric Enterprise, Inc.	Over \$5 million	Long Island NYC Mid-Hudson
A. Russo Wrecking, Inc.	Over \$5 million	Long Island NYC
ACC Construction Corp.	Over \$5 million	Long Island NYC Mid-Hudson
Adriatic Carpentry Construction Corp.	\$500,000 - \$999,999	Long Island NYC Mid-Hudson
AM & G Waterproofing, LLC	Over \$5 million	Long Island NYC Mid-Hudson
Ametis Industries, Inc.	Over \$5 million	NYC
Armour, Inc.	\$100,000 - \$499,000	All Work Districts/Regions
Atlantic Electric, Inc.	\$100,000 - \$499,000	NYC
Aurora Electric, Inc.	Over \$5 million	NYC
Berardi Stone Setting, Inc.	Over \$5 million	Long Island NYC Western NY Mid-Hudson Central NY
Broadway Electric, LLC	Over \$5 million	NYC
Carabie Corp.	Over \$5 million	Long Island NYC Mid-Hudson
Cardoza Plumbing Corp.	Over \$5 million	Long Island NYC
Celtic Sheetmetal, Inc.	Over \$5 million	Long Island NYC Mid-Hudson
Christine Painting, Inc.	\$500,000 - \$999,999	All Work Districts/Regions
Coastal Environmental Group, Inc.	\$1,000,000 - \$4,999,999	All Work Districts/Regions
Constructomics, LLC	Over \$5 million	Long Island NYC Mid-Hudson
Creative Construction Services Corp.	\$500,000 - \$999,999	Long Island

		NYC Mid-Hudson Capital Region
Curtis Partition	Over \$5 million	Long Island NYC Mid-Hudson
DNA Contracting, LLC	\$100,000 - \$499,000	Long Island NYC Mid-Hudson
D-Star Waterproofers, Inc.	\$1,000,000 - \$4,999,999	Long Island NYC Mid-Hudson
Dynamic Fire Proofing Corp.	\$500,000 - \$999,999	Long Island NYC
East Hills Metro	Over \$5 million	Long Island NYC
Eastern Plumbing & Mechanical Contracting, Inc.	\$1,000,000 - \$4,999,999	NYC
Eaton Electric, Inc.	Over \$5 million	All Work Districts/Regions
Epic Insulation	\$500,000 - \$999,999	All Work Districts/Regions
F.W. Clarke Electrical	\$1,000,000 - \$4,999,999	NYC
First Women's Fire Systems Corp.	\$1,000,000 - \$4,999,999	Long Island NYC
Fritch Construction Co., Inc.	\$1,000,000 - \$4,999,999	Long Island NYC Mid-Hudson
G Squared Electric, LLC	\$1,000,000 - \$4,999,999	Long Island NYC
Greenebuild, LLC	Less than \$100,000	Long Island NYC Mid-Hudson
H. Lieblich Co.	\$500,000 - \$999,999	Long Island NYC Mid-Hudson
H.R.A.D. Construction Co., Inc.	\$1,000,000 - \$4,999,999	NYC
Hailey Insulation Corp.	Over \$5 million	Long Island NYC Mid-Hudson
Henegan Construction Co., Inc.	Over \$5 million	Long Island NYC Mid-Hudson
IDL Communications & Electric	\$1,000,000 - \$4,999,999	Long Island NYC Mid-Hudson
International Asbestos Removal, Inc.	Over \$5 million	All Work Districts/Regions
J.M. Electrical Corp.	\$1,000,000 - \$4,999,999	Long Island NYC Mid-Hudson

JCF Electric, Inc.	Over \$5 million	Long Island NYC Mid-Hudson
JD Traditional Industries	Over \$5 million	Long Island NYC Mid-Hudson
Jonathan Metal & Glass	\$500,000 - \$999,999	Long Island NYC
Keller Painting Corp.	\$1,000,000 - \$4,999,999	All Work Districts/Regions
Levest Electric Corp.	Over \$5 million	NYC
Linda Lee Construction, Inc.	\$100,000 - \$499,000	Long Island NYC Southern Tier Mid-Hudson
Mac Felder, Inc.	\$1,000,000 - \$4,999,999	Long Island NYC Mid-Hudson
Mace Contracting Corp.	Over \$5 million	Long Island NYC Mid-Hudson Capital Region
Mate Matura & Sons, Inc.	Over \$5 million	Long Island NYC
MBI Group	Over \$5 million	Long Island NYC Mid-Hudson
Meco Electric Co., Inc.	Over \$5 million	NYC
Mezz Electric, Inc.	\$1,000,000 - \$4,999,999	Mid-Hudson
Miller Druck Specialty Contracting	Over \$5 million	All Work Districts/Regions
New York Concrete Corp.	Over \$5 million	Long Island NYC Mid-Hudson
Northgate Electric Corp.	Over \$5 million	Long Island NYC
Nuco Painting Corp.	Over \$5 million	Long Island NYC Mid-Hudson
Oliveira Contracting, Inc.	Over \$5 million	Long Island NYC
Pisgah Builders, Inc.	\$1,000,000 - \$4,999,999	All Work Districts/Regions
Ponderosa Fence Enterprise, Inc.	\$1,000,000 - \$4,999,999	Long Island NYC Southern Tier
Pristine Services, Inc.	Over \$5 million	Long Island NYC Mid-Hudson
R & J Construction	Over \$5 million	Long Island

		NYC Southern Tier
Robert Parchment Plumbing & Heating, Inc.	\$500,000 - \$999,999	All Work Districts/Regions
Shelter Electric Maintenance Corp.	\$100,000 - \$499,000	NYC
Sirina Fire Protection Corp.	Over \$5 million	All Work Districts/Regions
Sor-Mal Plastering Construction	\$1,000,000 - \$4,999,999	NYC
The McKissack Group, Inc.	Over \$5 million	NYC
Theodore Williams Construction Company, LLC	Over \$5 million	Long Island NYC Mid-Hudson
Total Electrical Construction	\$1,000,000 - \$4,999,999	All Work Districts/Regions
Windsor Electrical Contracting, Inc.	Over \$5 million	NYC
X-Cell Insulation Corp.	\$1,000,000 - \$4,999,999	Long Island NYC

**Source:** New York State Directory of MWBE Certified Firms and the Building Trades Employers' Association Contractor members and associations

The BTEA has 68 MWBE contractors certified with New York State, with operational capacity averages as follows:

- 53% - Over \$5 Million (36 Companies)
- 26% - \$1,000,000- \$4,999,999 (18 Companies)
- 12% - \$500,000- \$999,999 (8 Companies)
- 7%- \$100,000- \$499,000 (5 Companies)
- 1%- Less than \$100,000 (1 Company)

## Average Operational Capacity Comparison

When comparing the operational capacities of the members belonging to the ABC to the BTEA, there is a clear delineation in the overall percentages of members represented within each dollar value range.

The average operational capacities of both associations are summarized in the following tables. In **Table 5a & 5b**, the breakdown of the MWBE firm's capacity is shown within each membership. The ABC MWBE certified firms have less of an operational capacity versus the BTEA. In addition, of the BTEA's 68 certified MWBE firms, 53% can perform over \$5 million worth of work each year, compared to zero for the ABC MWBE firms.

**Table 5a. Breakdown of Operational Capacities of ABC MWBE Firms**

Operational Capacity	ABC MWBE Firms
Over \$5 Million	0%
\$1,000,000- \$4,999,999	100% (3)
\$500,000- \$999,999	0%
\$100,000- \$499,000	0%
Less than \$100,000	0%

**Table 5b. Breakdown of Operational Capacities of BTEA MWBE Firms**

Operational Capacity	BTEA MWBE Firms
Over \$5 Million	53% (36)
\$1,000,000- \$4,999,999	26% (18)
\$500,000- \$999,999	12% (8)
\$100,000- \$499,000	7% (5)
Less than \$100,000	1% (1)

**Source:** New York State Directory of MWBE Certified Firms

**Note:** Parenthesis indicate the number of certified MWBE members in each capacity category. Percentages may not add up to 100% due to rounding.

**Table 6** shows the total number of firms and its average of operational capacity in order to determine both associations' representation of MWBE firms. In all five (5) categories of operational capacity, BTEA MWBE certified firms represent over 85% of MWBE contracting opportunities in comparison to ABC MWBE certified Firms.

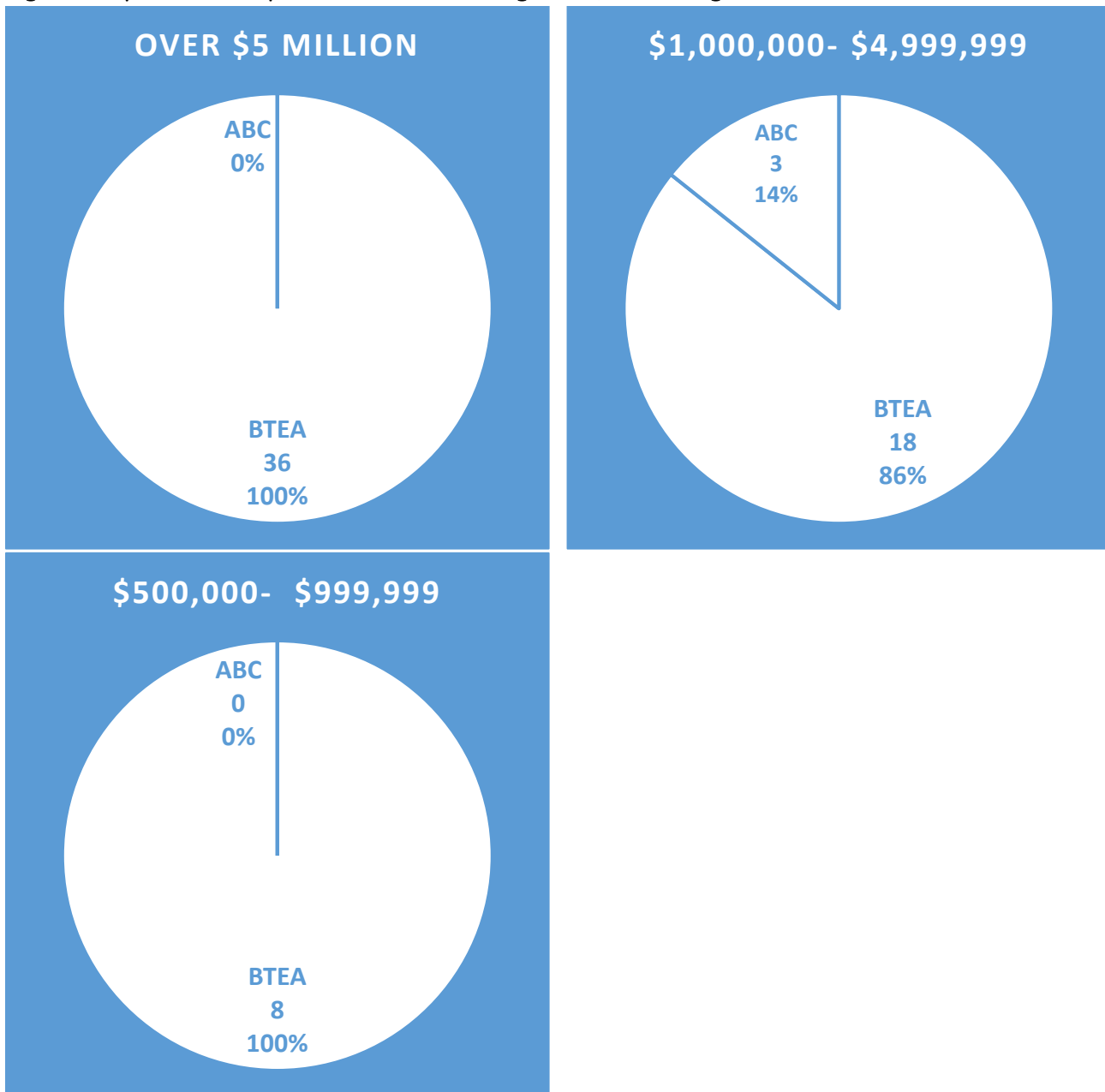
**Table 6. Overall Percentages of Certified MWBE Members Represented in Operational Capacities**

Operational Capacity	Percentage of Operational Capacity Represented by ABC Long Island/ Metro Region	Percentage of Operational Capacity Represented by BTEA 12 Designated Counties
Over 5 Million	0%	100%
\$1,000,000- \$4,999,999	14%	86%
\$500,000- \$999,999	0%	100%
\$100,000- \$499,000	0%	100%
Less than \$100,000	0%	100%

**Source:** New York State Directory of MWBE Certified Firms

Figure 3 and Table 7 show the representation of New York State Certified MWBE firms for the ABC Long Island/Metro Region and BTEA members in the 12 designated counties according to the operational capacities.

Figure 3. Operational Capacities of the ABC Long Island/Metro Region and the BTEA members



Source: New York State Directory of MWBE Certified Firms

Table 7. MWBE Operational Capacities- ABC Long Island/ Metro Region and the BTEA members

Over \$5 million	\$1,000,000-\$4,999,999	\$500,000- \$999,999
BTEA: 36	BTEA: 18	BTEA: 8
ABC: 0	ABC: 3	ABC: 0

Source: New York State Directory of MWBE Certified Firms



## Apprenticeship Program Overview

According to the ABC website, “ABC is the only construction association committed to providing merit shop contractors with accredited-related instruction to meet the requirements of state-approved apprenticeship program(s). Through the Construction Training Center of New York State, we provide classroom training in a safe, controlled environment for all construction trades utilizing the National Center for Construction Education and Research (NCCER) curriculum to deliver quality training.”

In the research report entitled “A Final Report on Associated Builders and Contractors Apprenticeship Training: Flawed and Failing Programs,” as of the June 2003 response to a Freedom of Information Law (FOIL) request, the New York Department of Labor stated that the Empire State Chapter ABC did not have a registered apprenticeship training program under its own name or under the name of its educational foundation, the Construction Training Center of New York State (CTCNYS). Therefore, since the incorporation of Empire State Chapter ABC in 1971, there have been no apprentices for at least 33 years under its own name or CTCNYS.

Additionally, according to a FOIL request response received from New York State Department of Labor in November 2017, no records were found for an apprenticeship registered under the name of CTCNYS or any active and inactive sponsors. Furthermore, NCCER also does not have an approved New York State registered apprenticeship program. Therefore, no record of NYS-approved apprenticeship program can be verified.

Furthermore, it should be noted that the CTCNYS website is outdated; the phone number provided for the state office located in East Syracuse, New York is disconnected, the Long Island Center number is listed as “212-000-0000”, and the Albany, Buffalo, and Syracuse Center phone numbers are all listed as different phone numbers that each direct you to the main office of the ABC Empire State Chapter Directory. All the links for forms and applications to sign up for training are no longer available, and an error message appears when an attempt is made to open the links. The only indication as to when the website has been updated appears under the “News” and “Links” portion of the website which states that “the deadline for enrollment in the 2014 Winter programs is December 15th, 2013”.

The information for the CTCNY centers on the ABC Empire Chapter website is misleading as it is accessed under the tab for “Apprenticeships”, yet there is no NYS approved apprenticeship program. In addition, only four centers are listed: Albany, Buffalo, Rochester, and Ronkonkoma (Long Island/Metro). Again, under the “Apprenticeship” tab for the Long Island Center, there is an application for the Fall 2017 Semester of classes that range from 79-120 classroom hours with no mention of an updated series of classes.

However, the only indication found of an approved apprenticeship program is that some members of the ABC have become sponsors of the Empire State Merit Apprenticeship Alliance, Inc. or have their own approved apprenticeship with New York State Department of Labor.

## ABC Approved Apprenticeship Programs

According to the New York State Department of Labor, out of the 84 construction-related ABC members, there are 41 members that had an approved apprenticeship program at one point. Forty-three (43) members have no approved apprenticeship program. Of those with approved programs, 35 have current and active apprenticeship programs, five (5) are on probation, and one (1) is no longer active.

According to New York State Section 601.3 of Labor Law, Article 23; Registration of Apprenticeship Programs and Agreements, the following definitions apply regarding the status of programs:

- An **Active** Program means a registered program that has:
  - (1) Passed probation;
  - (2) Met the standards for employment and training of apprentices; and
  - (3) Not been granted Inactive status.
  
- An **Inactive** Program means a registered program that has not had an apprentice for a period of more than one (1) year, which has submitted a request in writing and received approval from the Department to maintain its registration for an additional period of time.
  
- **Probation** means provisional approval by the Department of an Apprenticeship Program for a two-year period following its initial registration.

According to the NYS DOL, the breakdown of ABC members' apprenticeship programs within the Long Island/Metropolitan Region are as follows:

- 41.2% Active
- 5.9% Probation
- 52.9% Inactive/None Found

Of the 35 programs defined as active, nine (9) have an apprenticeship through the Empire State Merit Apprenticeship.

The following table shows the construction-related members of the ABC Long Island/ Metropolitan Region, the status of their apprenticeships programs, and the trades for which they have programs.

**Table 8. Empire State Chapter ABC Member Apprenticeship Status**

ABC Members	Status of Apprenticeship Program	Trade	Approval Date	Recertification Date
A Plus Sheet Metal, Inc.	None found			
All-Ways Elevator, Inc.	None found			
Arista Mechanical HVAC	None found			
Ashlar Contracting	None found			
B & A Plumbing and Sheet Metal	None found			
B & R Mechanical	None found			
Blake Sheet Metal	Active	Sheet Metal Worker	07/12/2010	

Bruni & Campisi	None found			
C.M. Richey Electrical Contractors	Active	Electrician	7/17/2003	3/12/2014
Chesterfield Associates, Inc.	Active	Operating Engineer	7/20/2007	10/29/2017
Chesterfield Associates, Inc.	Active	Carpenter	5/12/2011	10/23/2015
Chesterfield Associates, Inc.	Active	Craft Laborer	4/21/2003	6/29/2017
Concrete Connection	None found			
County Energy Controls	None found			
Crestwood Mechanical	Active	Plumber/Steamfitter	3/10/2004	8/5/2016
D&D Elevator	Active	Elevator Service/Repair	12/6/2012	
Day Accessibility & Mobility Solutions	None found			
Design Concrete	None found			
DF Stone Contracting	Active	Craft Laborer	1/12/2007	7/10/2017
DF Stone Contracting	Active	Operating Engineer	8/5/2005	7/10/2017
Double R Contracting	Active	Electrician	08/18/2014	
DSI Mechanical	None found			
Dura- Lift	None found			
E.C Contracting	None found			
Eastman, Cooke & Associates	Active*			
Facility Solutions Group	Probation	Electrician	11/20/2013	
Formation Concrete & GC	None found			
Fossati Plumbing & Heating	Probation	Plumber	04/11/2017	
Gateway Builders Construction	None found			
Hall Enterprises	None found			
Hi-Lume Corp.	Active	Carpenter	05/14/2014	
Hi-Lume Corp.		Craft Laborer	6/27/2016	
Independent Contracting	None found			
International Empire Electric Corp.	None found			
JNS Heating Service	Active	Plumber/Steamfitter	10/01/2014	
L.F.G. Rigging	Active	Heavy Equipment Operator	10/16/2013	
Lakota Construction Group	Inactive			
LCD Elevator	None found			
Lettire Construction	None found			
Lippolis Electric	None found			
Lipsky Enterprises, Inc.	Active	Craft Laborer	2/18/2005	7/08/2016
Locust Valley Electric	Active	Electrician	09/18/2014	
LoDuca Associates	Active	Carpenter	8/5/1985	7/8/2016
Mamis Construction	None found			
Marfi Contracting	None found			
Markley Mechanical	Active	Plumber/Pipefitter	2/19/2014	

Maspeth Roofing & Siding	Active	Roofer	10/29/2015	
Melrose Contracting	None found			
Milburn Flooring Mills	Active*			
Milcon Construction Corp.	Active	Craft Laborer	12/22/2011	
MMJ Electrical	Probation	Electrician		
Mohrmann Electric	None found			
More Consulting	Probation	Roofer	11/16/2016	
Mt. Olympus Restoration	None found			
National Insulation & GC Corp.	Active*			
Neptune Mechanical	Active	Plumber	8/6/2002	1/25/2017
New Ross Electric	None found			
Nordic Industries Corp.	None found			
Ocean Electrical Corp.	Active	Electrician	11/10/2014	
Opal Construction	None found			
P&W Electric	Active	Electrician	7/9/2015	
Panzer Demo & Abatement	None found			
Park Line Asphalt Maintenance	Active*			
Pat Sementa Plumbing	Active	Plumber	7/18/2013	
Pav- Lak Contracting	None found			
Pearl River Plumbing	Active	Plumber/Steamfitter	4/12/1999	8/5/2016
Preferred Plumbing & Heating	None found			
Premier Glass Services	None found			
Proton Construction Corp.	None found			
Pyramid Air Conditioning	Active	Steamfitter	10/15/1993	7/12/2017
Pyramid Air Conditioning	Active	Sheet Metal	10/15/1993	7/12/2017
Relle Electric Corp.	Active	Electrician	8/30/2005	7/3/2017
Renu Contracting and Restoration	Active*			
Roof Services	None found			
Solubon Ltd.	None found			
Southeast Mechanical Corp.	Probation	Plumber/ Pipefitter	04/13/2015	
Spano Plumbing	None found			
Star Fire Protection Co.	None found			
Sunation Solar Systems	Active	Electrician	9/8/2014	
Telsan Electric	Active	Electrician	3/13/2013	
Terry Contracting and Materials	Active*			
The LandTek Group	None found			
The Rinaldi Group	None found			
Thru Way Plumbing & Heating	None found			
UA Construction Corp.	Active*			
United Ranger, Inc.	Active	Electrician	3/27/2014	
Vista Electrical	None found			
Web Construction Corp.	Active*			

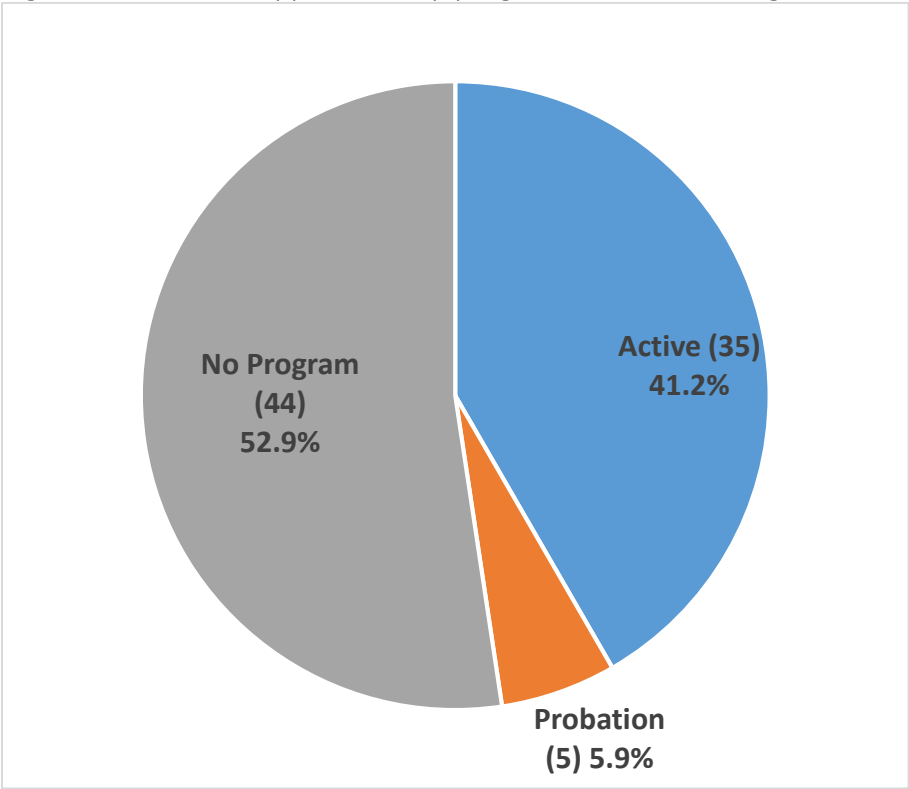
Woodstock Construction Group	Active*			
Woodstock Construction Group	Active*			
Yonkers Electric Contracting	None found			

Source: FOIL request from NYS DOL-Apprenticeship and Training Council and NYS DOL Sponsor List

\*Note: Empire State Merit Apprenticeship Alliance Member

Figure 4 below shows the percent of apprenticeships programs of the construction-related members of the ABC Long Island/ Metropolitan Region.

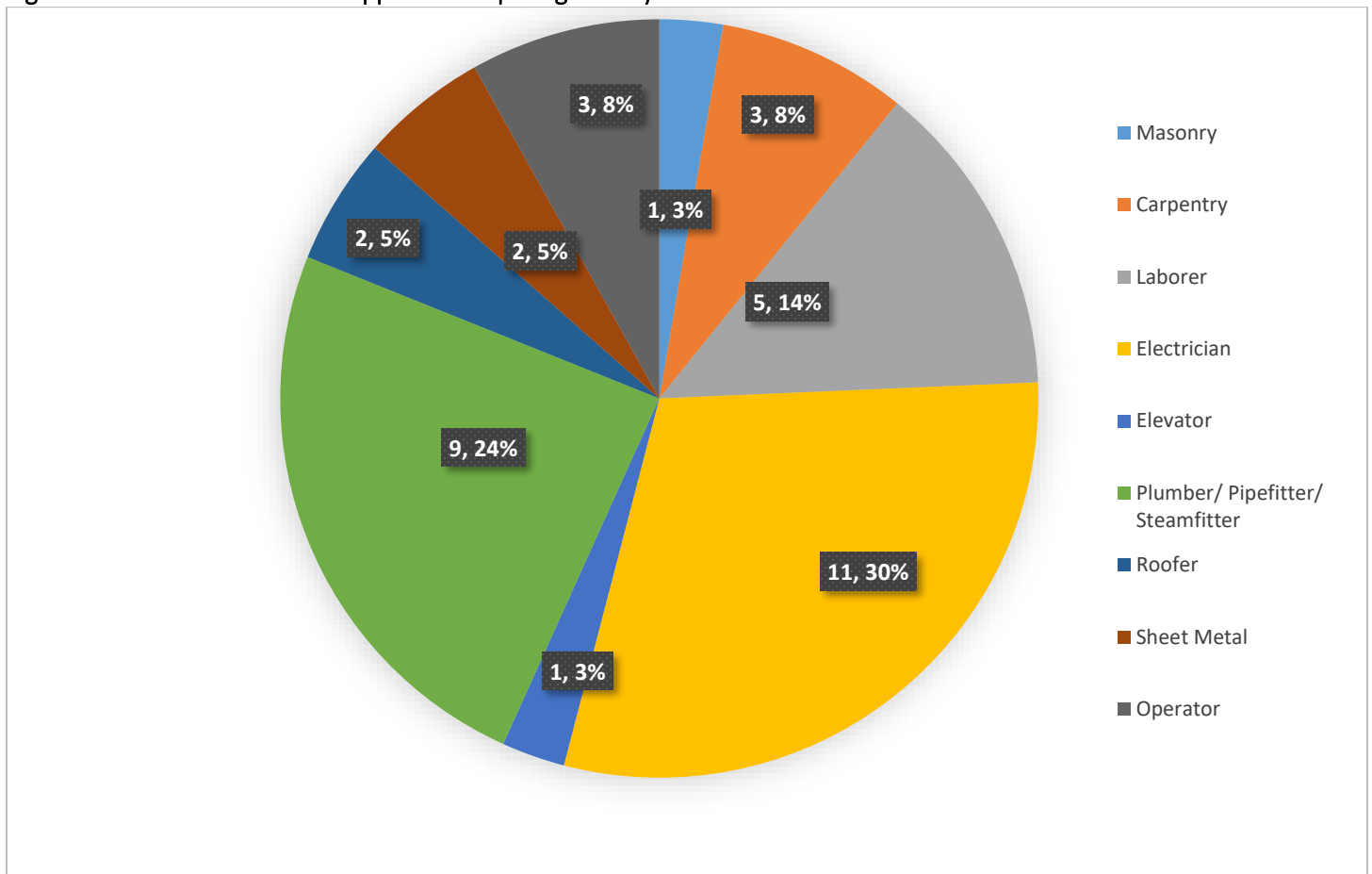
Figure 4. Percent of Apprenticeship programs in the ABC Long Island/ Metro Region



Source: NYS DOL Sponsor List

Figure 5 below shows both the number of programs and the percentage breakdown of the apprenticeship trades within the ABC Long Island/ Metropolitan regions.

Figure 5. Number & Percent of Apprenticeship Programs by Trade within ABC



Source: FOIL request from NYS DOL-Apprenticeship and Training Council

\*Note: Companies may be accounted for more than once based on the number of trades in apprenticeship programs

## Apprenticeship and Training Requirements vs. Graduates

According to Fred Kotler of Cornell University in his publication on *Project Labor Agreements in New York State*, each apprenticeship level tradesmen needs to complete a certain amount of training for both classroom-related instruction and on the job training before becoming a journey- level tradesmen. As a result of specialties within trades, a range of years to complete the program may be indicated. According to Kotler, the following trades apprenticeship and training requirements are as follows:

- Mason: 3-4 Years
- Carpenter: 4 years
- Laborer: 2-4 years
- Electrician: 5 years
- Plumber: 5 years
- Roofer: 3 years
- Sheet Metal: 5 years

Our research compared the trades and the dates of approval from each active apprenticeship program in the Associated Builders and Contractors (obtained from the AT-9 forms submitted to the Department of Labor) to the apprenticeship requirements it takes to graduate from each given trade. Based on the approval date of the program, it was determined how many programs could have graduates assuming an apprentice started upon that date. Over all there are 18 out of the 35 apprenticeship programs offered by ABC members in the region that could have no possible graduates (see **Figure 6**).

Masons, Carpenters, and Roofers are all trades that take around three to four years to complete an apprenticeship program. Based upon the approval date by the DOL there are; two possible Carpenter programs with graduates and one Mason program with graduates. There can be no possible graduates from the roofer programs.

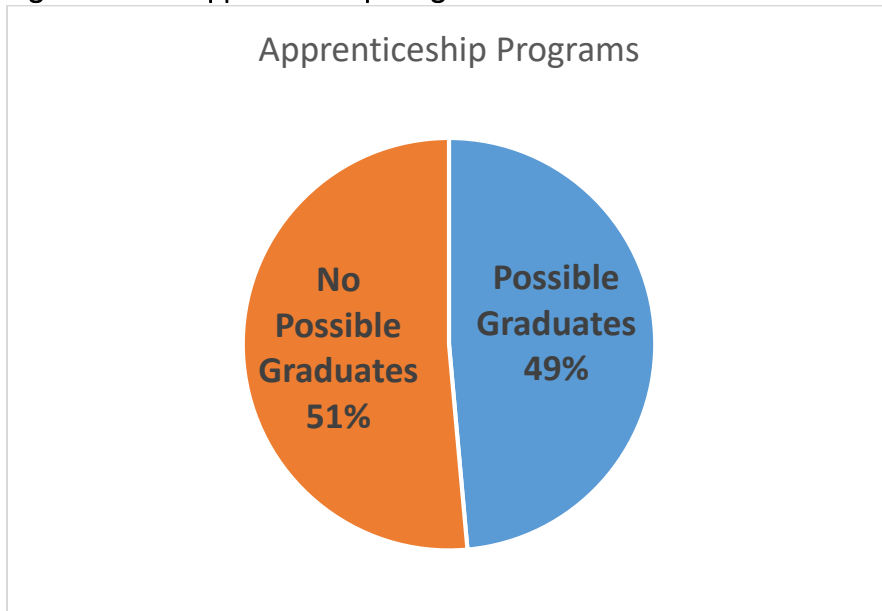
Electricians have an estimated completion time for training four to five years. There are 11 active apprenticeship programs for this trade in the ABC, two of the programs could meet the four-year average as lineman electrician. However, according to their scope of work, those companies provide electrical work consistent with the five-year program. Therefore, based off the average completion time of five years, only two of the programs could have any possible graduates.

Plumbers, Steamfitters, Pipefitters and Sheet Metal Workers all have an apprenticeship program that lasts an average of four to five years. There are four Plumber, Steamfitter, and Pipefitter programs out of nine that could have possible graduates. For the Sheet Metal programs, two would allow for possible graduates based upon the program approval date.

Skilled Construction Craft Laborers have an apprenticeship training timeline of two to four years. There are five active programs in the ABC for this trade, four programs with potential graduates. (See **Figure 7**.)

Therefore, since some firms offer more than one trade apprenticeship program, there are actually only 13 firms out of 30 could have possible apprenticeship graduates based on the program approval dates and training requirements (see **Figure 8**).

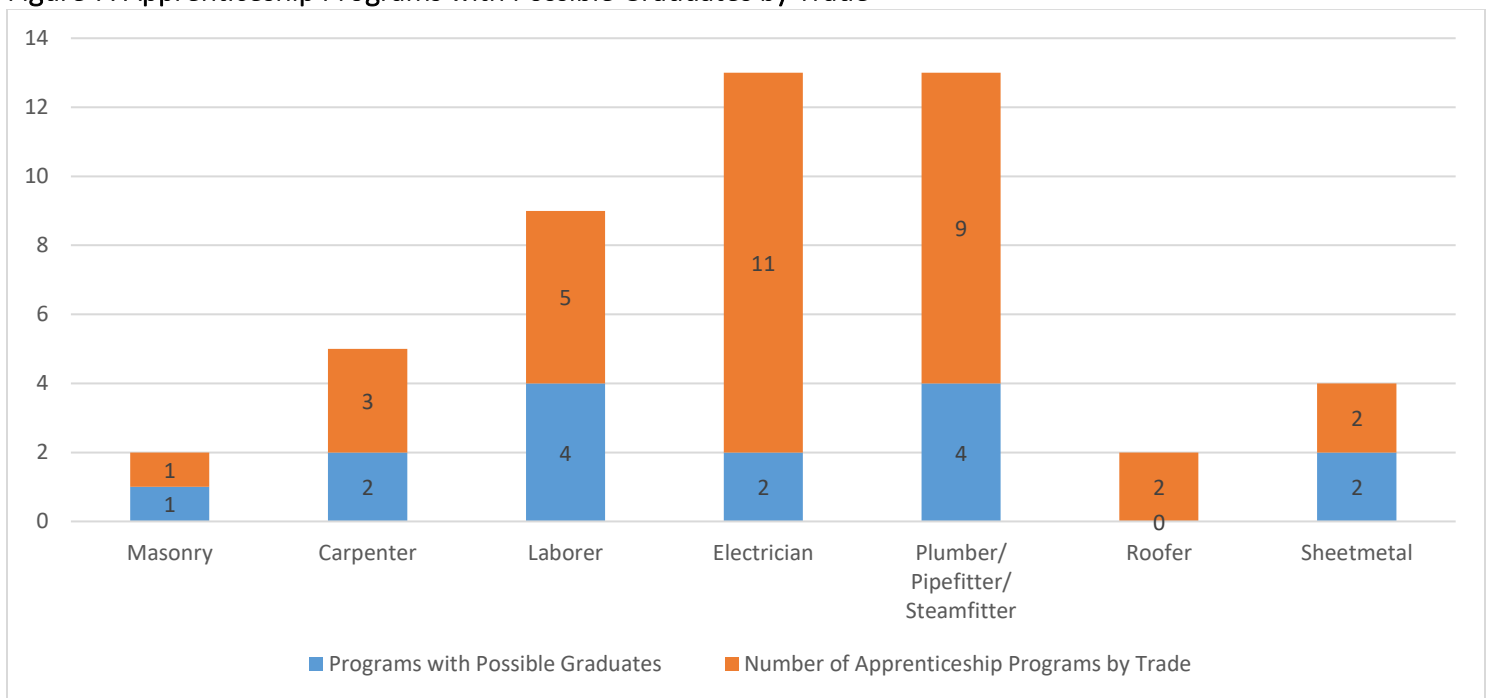
Figure 6. ABC Apprenticeship Programs



**Source:** FOIL request from NYS DOL-Apprenticeship, Fred Kotler Cornell PLA Study  
**Note:** Empire State Merit Apprenticeship Alliance Members are not included in data

Figure 7 below shows a comparison between the trade programs in the ABC Long Island/ Metro Region, and the number of possible graduates each program could have based upon of how long they have been an approved apprenticeship.

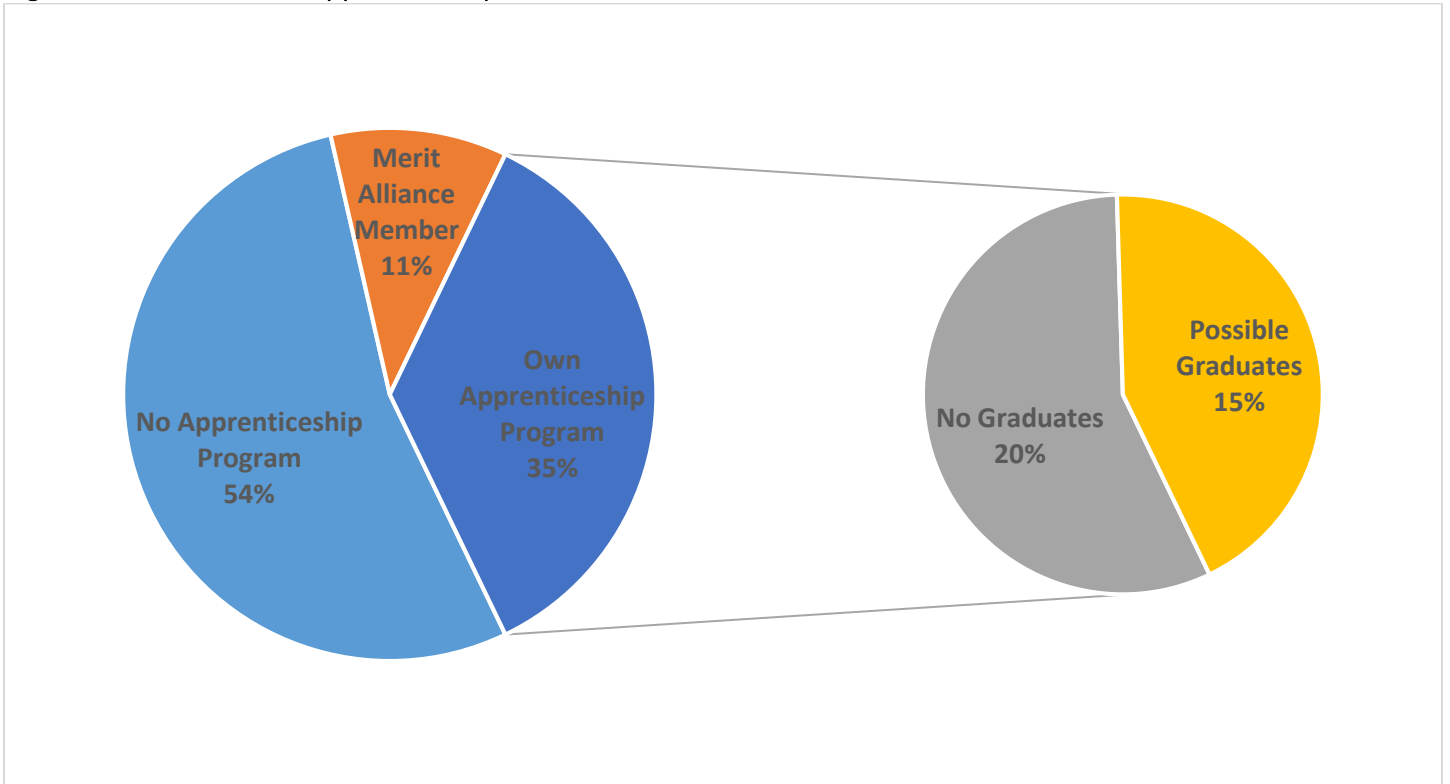
Figure 7. Apprenticeship Programs with Possible Graduates by Trade



**Source:** FOIL request from NYS DOL-Apprenticeship, Fred Kotler Cornell PLA Study  
**Note:** Empire State Merit Apprenticeship Alliance Members are not included in data



Figure 8. ABC Members Apprenticeship Breakdown



Source: FOIL request from NYS DOL-Apprenticeship and ABC Empire State Membership Directory 2016-2017

## Empire State Merit Apprenticeship Alliance Overview

According to New York State Department of Labor, the Empire State Merit Apprenticeship Alliance, Inc. was incorporated on January 5, 2007. As of January 2018, the NYS DOL Apprenticeship Sponsor List, the status of the following programs in the Merit Apprenticeship Alliance are:

### Active

- Operating Engineer (heavy equipment)
- Skilled Construction Craft Laborer
- Carpentry

### Probation

- Cement Finisher/Cement Mason
- Iron Worker (Outside)

**Table 9** shows the List of NYS Registered Sponsors and Programs for the Empire State Merit Apprenticeship Alliance. The table states the trade, its approval date, and its status. Two (2) of the five (5) trades are on probation, as their apprenticeship approval date was October of 2017.

**Table 9. List of NYS Registered Sponsors/Programs**

List Of NYS Registered Sponsors/Programs -- Last Updated: 1/14/2018						
Sponsor Name	Address	Trade	Regional Economic Development Council (REDC)	Approval Date	Status	
Empire State Merit Apprenticeship Alliance	109 Twin Oaks Drive, Syracuse, NY 13206	Iron Worker (Outside)	Central	10/03/2017	Probation	
Empire State Merit Apprenticeship Alliance	109 Twin Oaks Drive, Syracuse, NY 13206	Cement Finisher or Cement Mason	Central	10/12/2017	Probation	
Empire State Merit Apprenticeship Alliance	109 Twin Oaks Drive, Syracuse, NY 13206	Skilled Construction Craft Laborer	Central	10/16/2007	Active	
Empire State Merit Apprenticeship Alliance	109 Twin Oaks Drive, Syracuse, NY 13206	Optg. Engineer (Heavy Equipment)	Central	11/02/2011	Active	
Empire State Merit Apprenticeship Alliance	109 Twin Oaks Drive, Syracuse, NY 13206	Carpenter	Central	11/02/2011	Active	

**Source:** NYS DOL- Registered Apprenticeship Program List

## Empire State Merit Apprenticeship Alliance Sponsor Breakdown

In response to a FOIL request submitted October 2017, **Table 10** below represents all companies affiliated with the Merit Apprenticeship Alliance, both active and inactive from the last three years, the dates the companies were added and/or removed from the program, if they are members of the ABC Empire Chapter, and if so, to which region they belong.

**Table 10. Empire State Merit Apprenticeship Alliance Sponsors**

Signatory Name	Date Signatory Added	Date Removed	ABC Members	ABC Region
A Colarusso	19-Feb-14		No	
Alessio Pipe & Construction Group	11-Sep-17		No	
A-Plus Masonry	11-Sep-17		No	
Arrow Steel Window Corp.	19-Feb-14		No	
Aventura Construction Corp.	20-Feb-14		No	
Banta Homes Corp.	1-Jan-15		No	
Bennett Contracting	19-Feb-14	1-Jan-15	No	
BLM Construction Company	21-Dec-15		No	
Clark Companies	19-Feb-14	1-Jan-15	No	
Concrete Structures	11-Sep-17		No	
DCA Construction	19-Feb-14		No	
Delalio Coal & Stone	19-Feb-14		No	
Denali WeCare	11-Sep-17		No	
DML Interiors	19-Feb-14		No	
Doyle Contracting	1-Jan-15		No	
Dragonetti Brothers	1-Jul-15		No	
E&R General Construction	1-Jan-15		No	
Erie Contracting, Inc.	19-Feb-14		No	
Galbo Construction, Inc.	11-Sep-17		No	
GDH Construction, Inc.	19-Feb-14		No	
GEO Solutions	1-Jul-15		No	
HMA Contracting	18-Apr-14		No	
Holdsworth Klimowski Construction, LLC	11-Sep-17		No	
IPR Northeast, LLC	28-May14		No	
J Pizzirusso Landscaping Corp.	1-Jan-15		No	
Ledge Creek Development, Inc.	19-Feb-14		No	
Miller Environmental	19-Feb-14		No	
National Water Main Cleaning Company	11-Sep-17		No	
NewCal Construction	19-Feb-14	1-Jan-15	No	
Orchard Earth & Pipe	19-Feb-14		No	

Peckham Road Corp.	20-Nov-15	20-Oct-16	No	
Plank	1-Jul-15		No	
Saracino Construction Corp.	19-Feb-14		No	
SJ Hoerning Construction	19-Feb-15		No	
Spectraserv, Inc.	11-Sep-17		No	
Stout Construction	19-Feb-14		No	
Sunrise Installation	19-Feb-14		No	
Synagro Northeast, Inc.	11-Sep-17		No	
TBO SITESCAPES, INC.	11-Sep-17		No	
Tully Environmental	11-Sep-17		No	
Turner Underground Installations, Inc.	11-Sep-17		No	
US Ceiling Corp.	20-Nov-15		No	
Window Specialists, Inc.	19-Feb-14		No	
Zoladz Construction	19-Feb-14		No	
Burns Brothers Concrete Construction Corp.	19-Feb-14		Yes	Central
FER-PAL Construction USA	19-Feb-14		Yes	Central
Hubbell, Inc.	20-Feb-14		Yes	Central
M.A. Bongiovanni, Inc.	19-Feb-14		Yes	Central
Suit-Kote Corporation	20-Feb-14		Yes	Central
Arold Construction Corp.	19-Feb-14		Yes	Eastern
Bunkoff General Contractors, Inc.	19-Feb-14		Yes	Eastern
Cianbro Corporation	19-Feb-14		Yes	Eastern
Cobleskill Stone Products, Inc.	28-May-14		Yes	Eastern
Environmental & Fueling Systems	19-Feb-14		Yes	Eastern
Gallo Construction	19-Feb-14		Yes	Eastern
Gorman Bros., Inc.	19-Feb-14		Yes	Eastern
Luck Brothers, Inc.	19-Feb-14		Yes	Eastern
Meyer Contracting Corp.	19-Feb-14		Yes	Eastern
WM Schultz Construction	18-Apr-14		Yes	Eastern
Eastman Cooke & Associates	20-Nov-15		Yes	Long Island/Metro
Milburn Flooring Mills	19-Feb-14		Yes	Long Island/Metro
National Insulation	18-Apr-14		Yes	Long Island/Metro
Parkline Asphalt	19-Feb-14		Yes	Long Island/Metro
Renu Contracting & Restoration	19-Feb-14		Yes	Long Island/Metro
Terry Construction & Materials, Inc.	19-Feb-14		Yes	Long Island/Metro
UA Construction Corp.	19-Feb-14		Yes	Long Island/Metro
Web Construction Corp.	20-Feb-14		Yes	Long Island/Metro
Woodstock Construction Group	19-Feb-14		Yes	Long Island/Metro
DiMarco Constructors, LLC	19-Feb-14		Yes	Rochester
Javen Construction Co., Inc.	19-Feb-14		Yes	Rochester

New York State Fence Co.	19-Feb-14		Yes	Rochester
CTS Construction	19-Feb-14	1-Jan-15	Yes	Western
Greenauer Development, Inc.	19-Feb-14		Yes	Western
Milherst Construction, Inc.	19-Feb-14		Yes	Western
Miller Enterprises	19-Feb-14		Yes	Western
Nichter Construction	19-Feb-14		Yes	Western
Northeast Div., Inc./Dba Northeast Paving	19-Feb-14		Yes	Western
Resetarits Construction	1-Jul-15		Yes	Western

Source: FOIL request from NYS DOL-Apprenticeship and Training Council

The information above shows that although the New York State Business Entity Record states that the Empire State Merit Apprenticeship Alliance was formed in 2007, all current members were added in 2014 or later. There were 78 total sponsors within the past three (3) years. Since 2015, five (5) sponsors have been removed, leaving 73 current sponsors. Thirty-four (34) of the sponsors are ABC members which joined on the same day, February 19<sup>th</sup>, 2014, making up over 44.0% of the current membership. Thirty-three (33) of the current sponsors are ABC members and of the those, nine (9) are of the ABC Long Island/Metropolitan Region.

**A breakdown of when Sponsors joined the Merit Apprenticeship Alliance:**

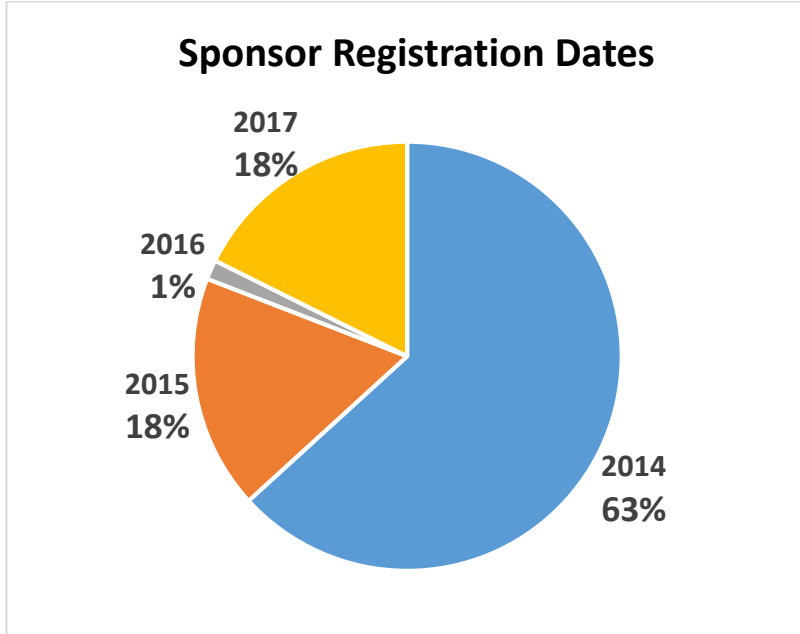
- February 19, 2014- 34 companies (44.0%)
- February 20, 2014- 4 companies (5.0%)
- April 18, 2014- 3 companies (4.0%)
- May 28, 2014- 2 companies (3.0%)
- January 1, 2015- 4 companies (5.0%)
- February 19, 2015- 1 company (1.0%)
- July 1, 2015- 4 companies (5.0%)
- November 20, 2015- 3 companies (4.0%)
- December 21, 2016- 1 company (1.0%)
- September 11, 2017- 12 companies (15.0%)

**Empire State Merit Apprenticeship Alliance Overview**

Despite that the Empire State Merit Apprenticeship Alliance was incorporated in 2007, there were no sponsors added until February of 2014. In addition, only five (5) trades are available throughout the entire Merit Apprenticeship Alliance.

Figure 9 below shows the percent of sponsors that registered between 2014-2017 for the Merit Apprenticeship Alliance. There are 73 total sponsors; 33 are ABC members, and 9 are members of the ABC Long Island/Metropolitan Region.

Figure 9. Merit Apprenticeship Alliance Sponsor Registration Date Breakdown



Source: FOIL request from NYS DOL-Apprenticeship and Training Council

## Acronym Reference List

**ABC-** Associated Builders and Contractors  
**ACDBE-** Airport Concessionaire Disadvantaged Business Enterprise  
**BTEA-** Building Trades Employer’s Association of New York City  
**CTCNYS-** Construction Training Center of New York State  
**DBE-** Disadvantaged Business Enterprise  
**DMWBD-** Division of Minority and Women's Business Development  
**DOL-** Department of Labor  
**EBE-** Emerging Business Enterprise  
**FOIL-** Freedom of Information Law  
**LBE-** Locally-based Business Enterprise  
**MBE-** Minority-Owned Business Enterprise  
**MTA-** Metropolitan Transportation Authority  
**MWBE-** Minority and Woman-Owned Business Enterprise  
**NAICS-** North American Industry Classification System  
**NCCER-** National Center for Construction Education and Research  
**NFTA-** Niagara Frontier Transportation Authority  
**NYCSBS –** New York City Department of Small Business Services  
**NYSDOT-** New York State Department of Transportation  
**NYSUCP-** New York State Unified Certification Program  
**PANYNJ-** Port Authority of New York & New Jersey  
**QCEW-** Quarterly Census of Employment and Wages (NYS DOL)  
**WBE-** Woman-Owned Business Enterprise

## Acknowledgments

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## References

- (n.d.) Retrieved January 2018, from <http://www.abcnys.org>
- (n.d.). Retrieved January 2018, from <http://www.bteany.com>
- ABC Empire State Membership Directory 2016-2017. (2016). Retrieved September 22, 2017, from <http://www.abcnys.org/en-us/membership/membershipdirectory.aspx>
- Apprenticeship Sponsor List. (n.d.). Retrieved October 18, 2017, from <https://labor.ny.gov/apprenticeship/sponsor/index.shtm>
- BTEA Membership List. (n.d.). Retrieved November 02, 2017, from <http://www.bteany.com/pages/about/membership.html>
- Building and Construction Trades Department, AFL-CIO. (2005, April). A Final Report on Associated Builders and Contractors Apprenticeship Training: Flawed and Failing Programs
- Eligibility Guidelines (Overview). (2016, March 11). Retrieved January 2018, from <https://www.transportation.gov/civil-rights/disadvantaged-business-enterprise/eligibility>
- Kotler, F. B., J.D. (2011). Project Labor Agreements in New York State II: In the Public Interest and of Proven Value (pp. 70-71, Publication). Cornell, NY: Cornell University ILR School. Retrieved from <https://digitalcommons.ilr.cornell.edu/cgi/viewcontent.cgi?article=1035&context=reports>.
- Merit Apprenticeship Alliance. (2016). Retrieved January 29, 2018, from <http://meritalliance.org/>
- Minority and Women-owned Business Enterprise (M/WBE) Certification Program. (n.d.). Retrieved January 2018, from <https://www1.nyc.gov/nycbusiness/description/minority-and-womenowned-business-enterprise-certification-program-mwbe>
- Morey, K. S. (2014, October 13). Seven Question with Brian Sampson. Retrieved from <https://www.bizjournals.com/albany/news/2014/10/13/seven-questions-with-brian-sampson.html>
- MWBE Certification Eligibility Requirements. (n.d.). Retrieved January 29, 2018, from <https://esd.ny.gov/doing-business-ny/mwbe/mwbe-certification-eligibility-requirements>
- New York State Contract System. (n.d.). Retrieved September 22, 2017, from <https://ny.newnycontracts.com/>
- New York State Legislature, Statutory authority: Labor Law, art. 23; § 811.1
- New York State Unified Certification Program. (n.d.). Retrieved September 22, 2017, from <https://nysucp.newnycontracts.com/>
- NYC Online Directory of Certified Businesses Connecting City agencies and other buyers with certified businesses. (n.d.). Retrieved September 22, 2017, from <http://mtprawwsbswtp1-1.nyc.gov/Home.aspx>
- Quarterly Census of Employment and Wages (QCEW) [Advertisement]. (n.d.). Retrieved January 24, 2018, from <https://www.labor.ny.gov/stats/lsqcew.shtm>