

# 2014 Michigan Construction Career Days

Report



Prepared By:

**Melanie A. Myers**

2013 MICCD Lead Coordinator

OCC Construction Management Program Coordinator

[mamyers@oaklandcc.edu](mailto:mamyers@oaklandcc.edu)

(248) 522-3407

## **2014 Michigan Construction Career Days Facts**

The Michigan Construction Career Days (MICCD) event is based on the National Career Day model and developed through the guidance of a Michigan construction industry lead advisory board. Since 2008, MICCD has been Michigan's premiere construction career exploration event. MICCD provides Michigan's young people a chance to experience construction up-close, getting the chance to use real tools, materials and heavy equipment under the direct guidance of construction professionals from throughout the industry. To date, approximately 7,500+ middle and high school students have experienced MICCD. These young people not only see what construction is, but learn of the training and educational paths to secure the good paying jobs a career in construction provides.

MICCD has received local media coverage, recognition and support from the National Construction Career Days Center, Associated General Contractors (AGC), Federal Highway Administration (FHWA), Michigan Department of Transportation (MDOT), and various other state trade associations, apprenticeship training programs and educational institutions. Leaders of MICCD have spoken at many trade association meetings to share the many MICCD successes. During the 2013 event, the MICCD Advisory Committee was proud to host Michigan Governor, Rick Snyder.

The following will outline the facts of the 2014 event:

**Lead Coordinator:** Melanie Myers, OCC Construction Management Program Coordinator

**Site Coordinator:** Lee Graham, Training Director Operating Engineers Local 324

### **2014 MICCD Advisory Board**

Melanie Myers, Oakland Community College Lead Sponsor  
Operating Engineers Local 324-Host Sponsor  
Mike Ivy and Mary Finch (retired) FHWA  
Staci Grover, MDOT  
Barbara Strachan, AGC of Michigan  
Belle Wirtanen, Michigan's Local Technical Assistance Program (LTAP)  
Melanie Myers and Barbara Strachan, National Association of Women In Construction  
John Schmidt, Ferris State University  
Matt McClintick, MITA

### **Event Sponsors**

Oakland Community College	Great Lake Fabricators & Erectors Association
International Union of Operating Engineers	Roofs & Waterproofers, JATC
Operating Engineers Local 324, JATC	Roofers Union Local 70
FHWA	
MDOT	
AGC of Michigan	
CAM Industry Advancement Program	
Helmets to Hardhats	
Millwrights Local 1102	
BAC Trowel Trades Local #1- International Union of Bricklayers and Allied Craftworkers	
Carpenters Labor Management Promotion and Training	
Detroit Carpentry Apprenticeship School	
Ferris State University	
Lawrence Technological University	
Michigan CAT	
Michigan Building Construction Trades Council	
Michigan Laborers Training & Apprenticeship Training Institute	
Northern Michigan University	
Monroe Community College	
Michigan Technological University	

### **Information Booths**

AGC of Michigan  
Ferris State University  
Helmets to Hardhats  
International Union of Painters and Allied Trades  
MDOT  
Michigan Building Trades  
Michigan Technological University  
Millwrights Institute of Technology  
Northern Michigan University  
Oakland Community College  
US Department of Labor & Apprenticeship

### **Hands-On Activity Providers**

Carpenters Apprenticeship School  
Cement Masons/IBEW Local 58  
Ironworkers Local 25 Training Center  
Michigan BAC Training  
Michigan Laborer's Training & Apprenticeship  
Operating Engineers Local 324 – Hoisting and Portable  
Engineers  
Operating Engineers Local 324 – Stationary Engineers  
Roofers Local 70  
Roofers Union Local 49  
Sheet Metal

### **Equipment Providers**

Adamo Group Inc.	Operating Engineers Local 324 - Hoisting and Portable Engineers
AGF ACCESS	Operating Engineers Local 324 - Stationary Engineers
Ajax Paving Industries, Inc.	RAM Construction Services
Aristeo Construction Co.	Rauhorn Electric, Inc.
Champagne & Marx Excavating, Inc.	Stante Excavating
Cloverdale Equipment Co.	Sunbelt Rentals
Connelly Crane Rental Corp.	Titan Equipment
D & R Earthmoving LLC	Tri-City Groundbreakers Inc.
Dan's Excavating, Inc.	United Rentals
Frazer Equipment	
Guardian Environmental Services	
Fisher Contracting Company	
Henkels & McCoy	
Hi-Ball Company Inc.	
Howell Schools	
Klochko Equipment Rental Company	
Laramie Enterprises, Inc.	
Livingston County Mounted Sheriff's Division	
MCM Management Corp.	
Michigan CAT	
NES Rentals Detroit	

**Event EMT-** Abby Dettloff and Jo Youngblood

**Bus On-Site Transportation-** Howell Public Schools

**Security-** Livingston County Sheriff's Department, Volunteer Mounted Division

**Photography-** Spearfish

## **Participating Schools**

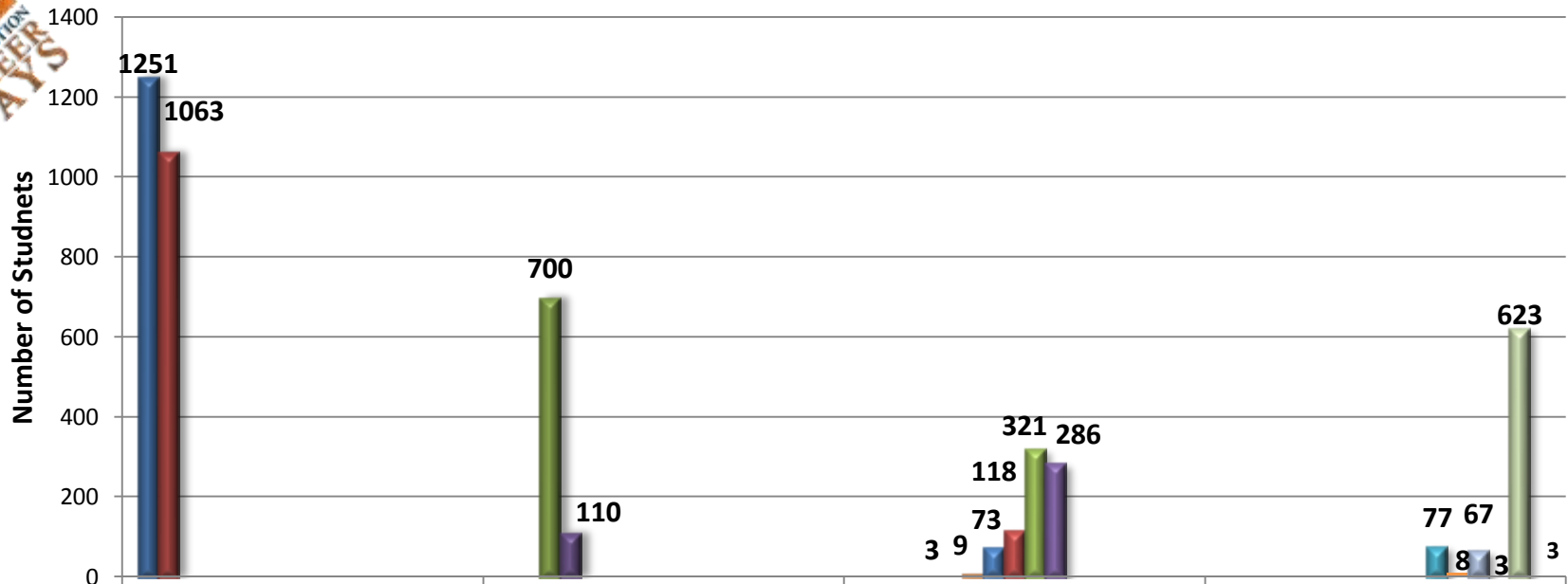
Air Port High  
Anchor Bay High School  
Carlson High School  
Clare - Gladwin Career Center  
Dearborn Magnet HS  
Durand High School  
East Kentwood High School  
Garden City High School  
GASC Technology Center  
GASC Technology Center  
Grand Blanc High School  
Hillsdale Workforce Development and Tech Center  
Holly HS/MS  
Huron Area Tech Center  
Innovation Central - Academy for Design and Construction  
Jackson Area Career Center  
Lapeer Ed - Tech  
Livonia Public School  
Oakland Schools Northeast (Pontiac)  
Oakland Schools Technical Campus - SE  
Oakland Schools Technical Campus - SW  
Ogemaw Heights High School  
OSTC NW  
Owosso High School  
Perry Public Schools  
Randolph Career & Technical Center  
Sanilac Career Center  
SER YouthBuild Construction Institute  
Swartz Creek High School  
Taylor Career Center  
Taylor Career Center  
Tuscola Tech Center  
White Pigeon Building Trades  
William D. Ford Career - Technical Center  
Lake Shore High School  
Emerging Industries Training Institute  
Fowlerville  
Bad Axe  
St. Joesph  
Cesar Chavez Academy  
Grand Rapids



## Event Statistics



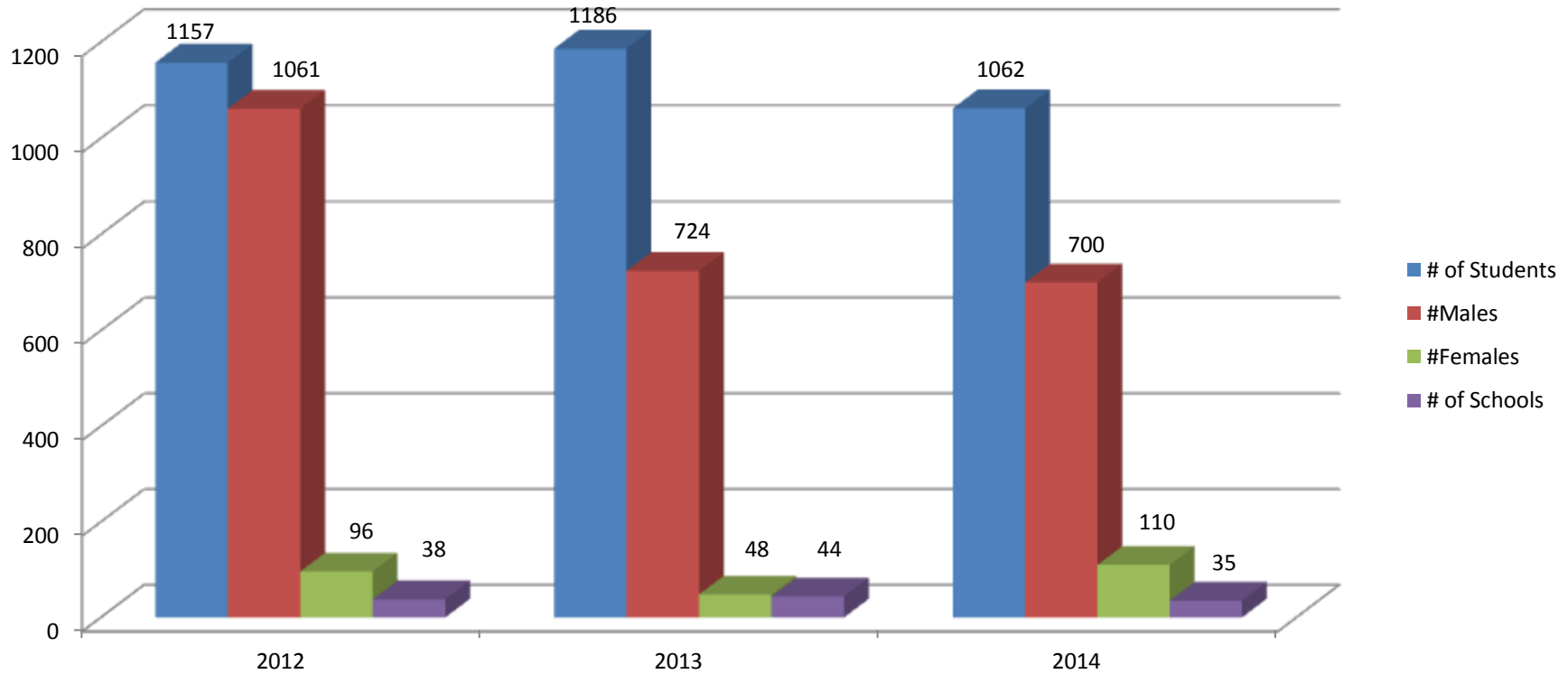
# MICCD 2014 Student Statistics \*



	Registered vs. Attended	Males vs. Females	Grades	Race
Registered Students	1251			
Students Attended	1063			
Males		700		
Females		110		
7th Grade			3	
8th Grade			9	
9th Grade			73	
10th Grade			118	
11th Grade			321	
12th Grade2			286	
African American				77
Asian/Pacific Islander				8
Hispanic				67
Native American				3
White (non Hispanic)				623
Arabic				3

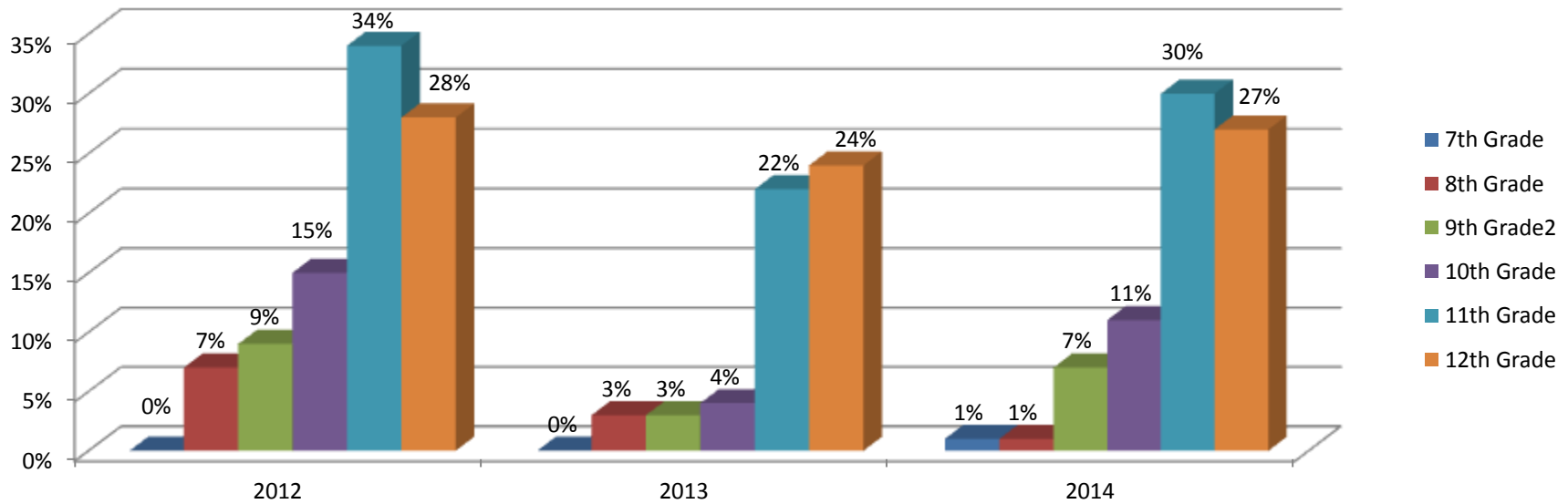
\* All statistics are listed based on answers given, by the schools, through the MICCD Demographic Survey. There is some error in the data as some surveys were missing answers.

## Michigan Construction Career Days 2012-2014 Student/Gender/School Event Statistics



Year	# of Students Attended	# of Males	# of Females	# of Schools
2012	1157	1061	96	38
2013	1186	724	48	44
2014	1062	700	110	35

## Michigan Construction Career Days 2012-2014 Percentage of Students per Grade Levels



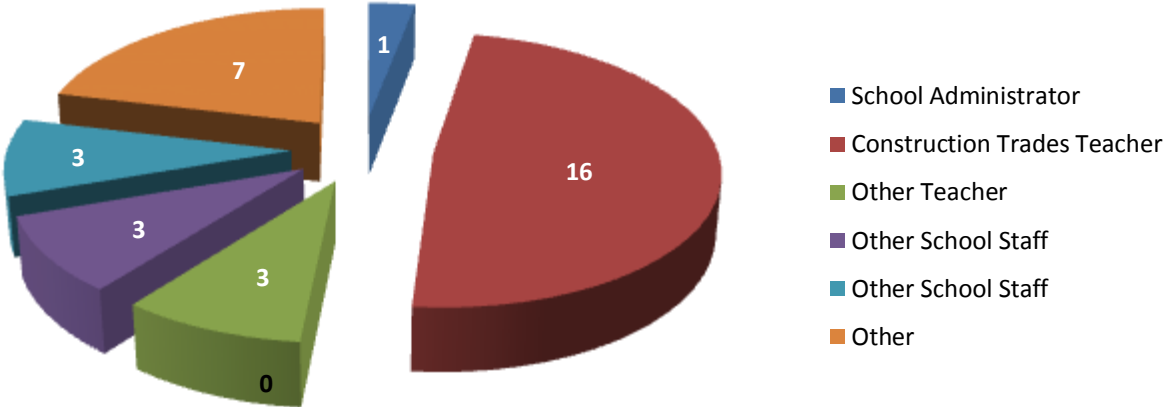
Year	7 <sup>th</sup> Grade	8 <sup>th</sup> Grade	9 <sup>th</sup> grade	10 <sup>th</sup> Grade	11 <sup>th</sup> Grade	12 <sup>th</sup> Grade
2012	0%	7%	9%	15%	34%	28%
2013	0%	3%	3%	4%	22%	24%
2014	1%	1%	7%	11%	30%	27%





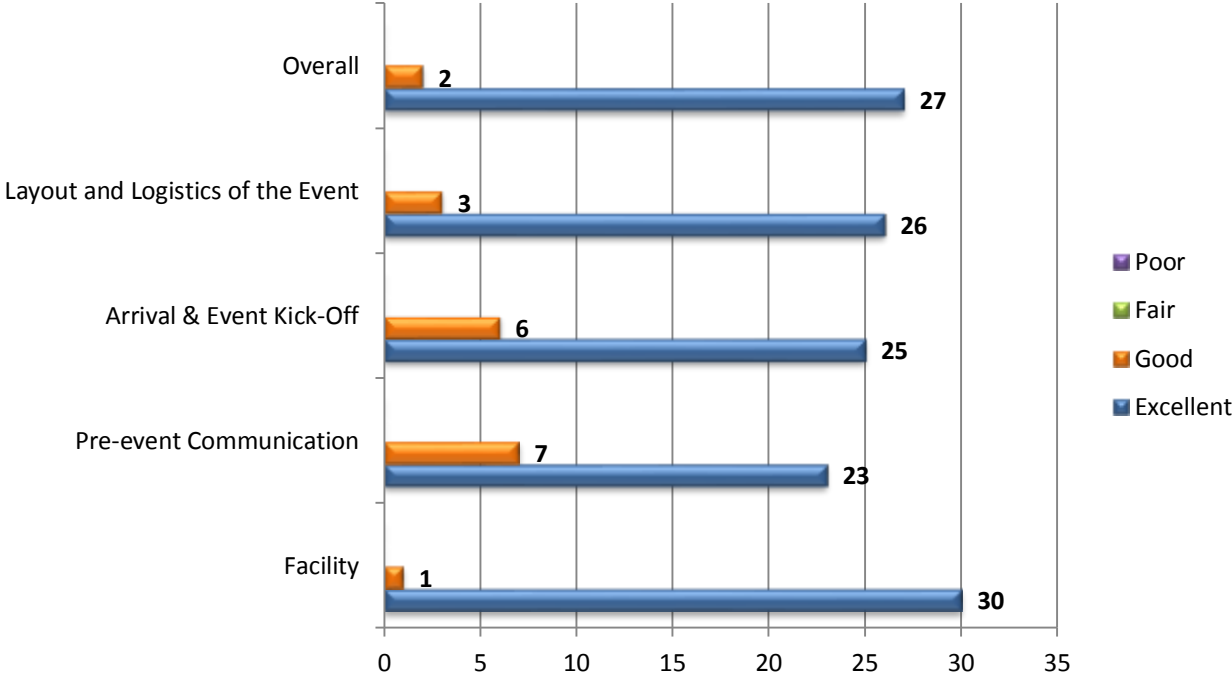
## **Educator/Chaperone Survey Results**

# Question 1- Your relationship to the students?

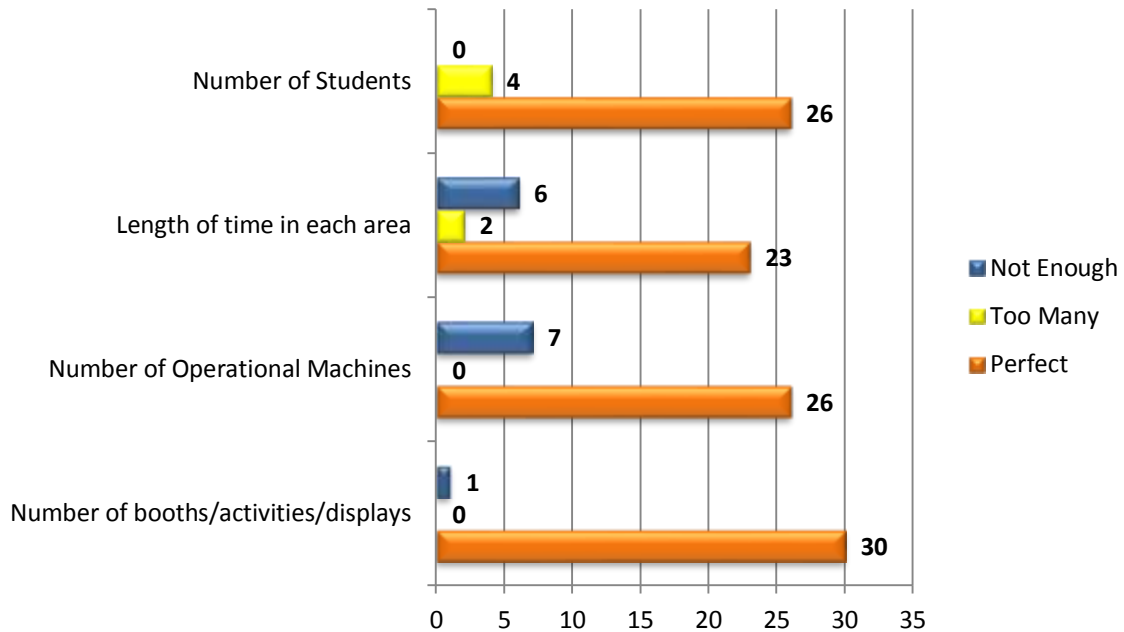


*Other: Bus Driver, Volunteer, Chaperone, Career Resource Coordinator, Contractor, Education Consultant*

# Question #2 Rate the following:



## Question #2 Rate the following:



## Question #3-What activities or equipment did your students enjoy the most?

Excavation Equipment  
 Heavy Equipment  
 Very informative more info on how to get started (schooling)  
 Love it all, come every year  
 Great to talk to real workers  
 Cement Mason  
 Electrical

## Question #4- List recommendations for additional activities or equipment.

More survey equipment  
 Perfect  
 Something about roofing and maybe painting  
 Road grader  
 More hands on in the front building. Better than last year though.  
 More industry people by the equipment.  
 Bigger trade show.  
 Limit the amount of time in the building.  
 More CM's/architects/work together  
 Dump trucks

## **Question #5- What would you do to improve the event?**

More equipment

Food Vendor/caterer (carnival style)

Refreshments for students

Offer more internships

Separate schools with different colored helmets-makes it easier to track our own students. Also, send out the documents necessary early along with having them on the website. We get so busy we forget to go seek out the information and really appreciate when we receive the email with info.

Some refreshments for students

More variety of equipment.

Get CM's involved

Less time operating

## **Question #6- Additional Comments?**

Thanks for a great day!

Best field trip I have taken kids to in quite some time!

Great job!

Worthwhile event. I'll be back with more students

Great Event!

Best field trip of the year!

Shorter lines.

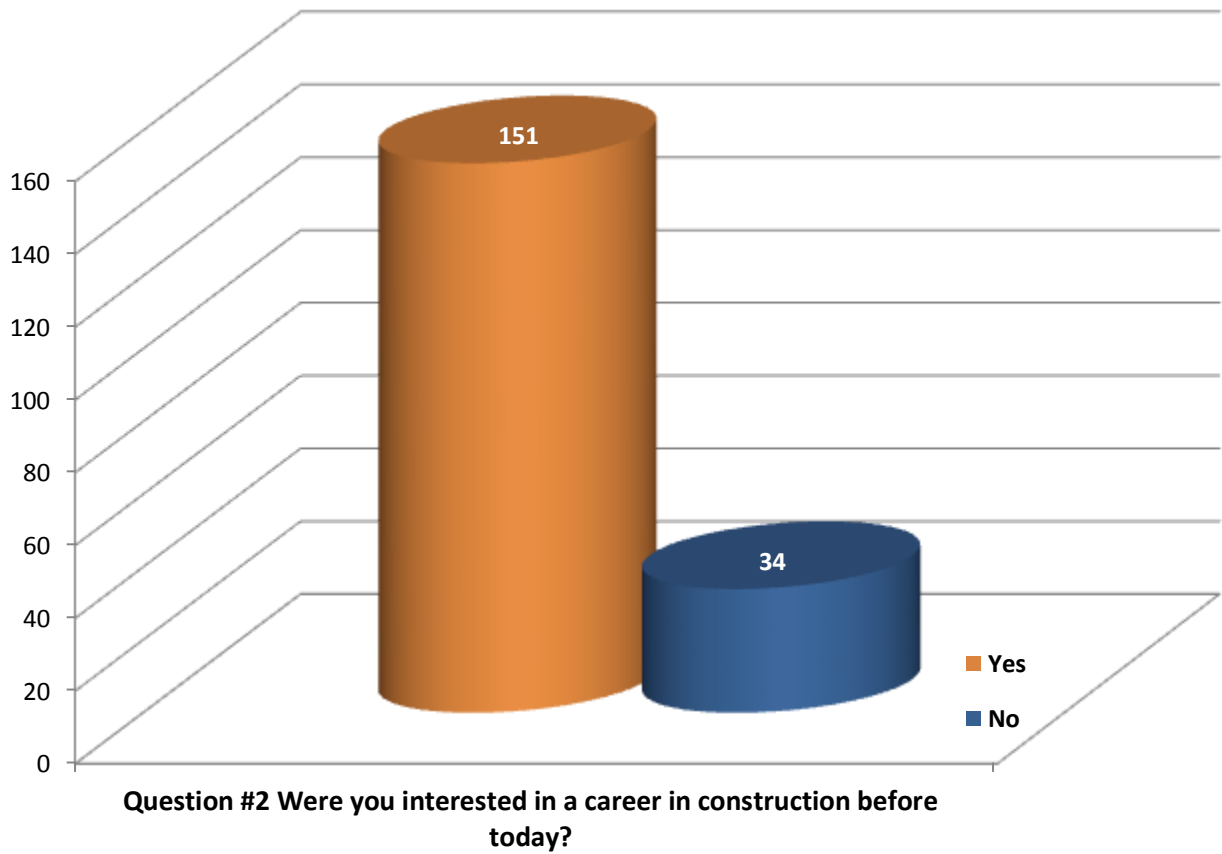
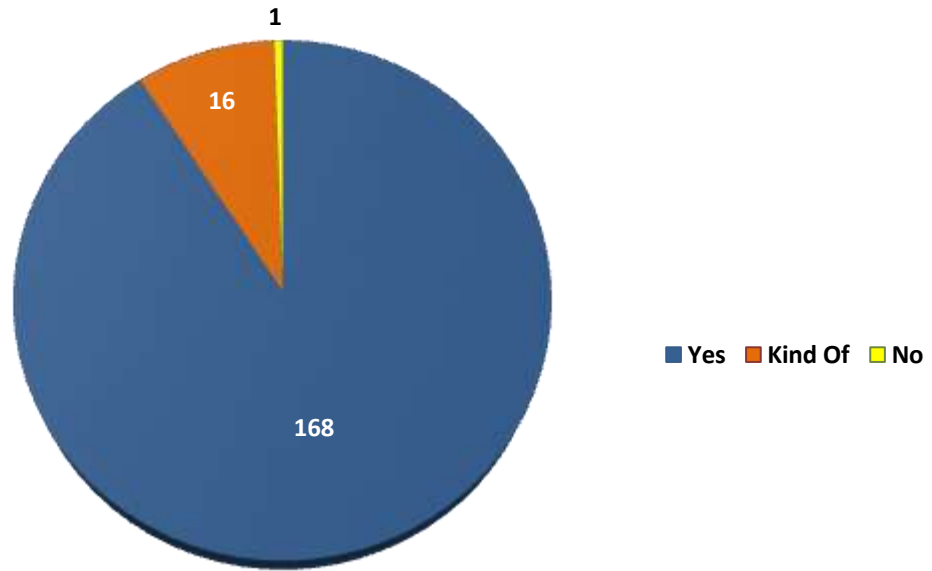
Thanks for having us

Awesome event as always

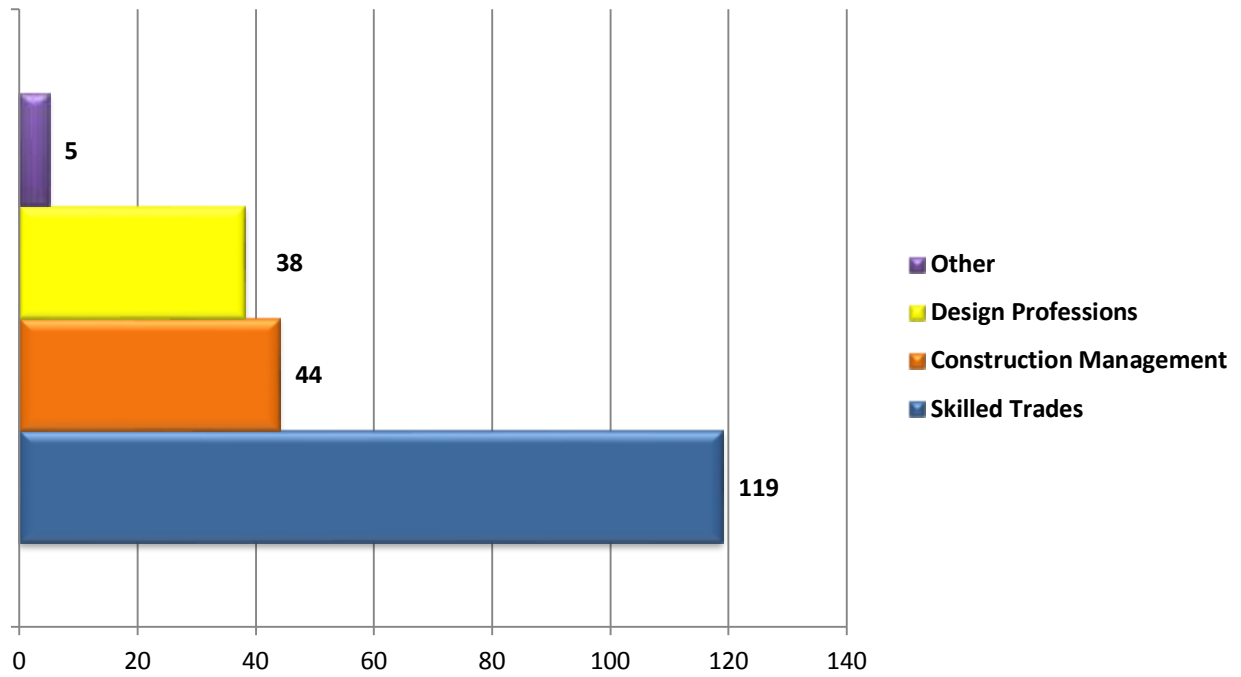


## **Student Survey Results**

Question #1-Did you like MICCD?

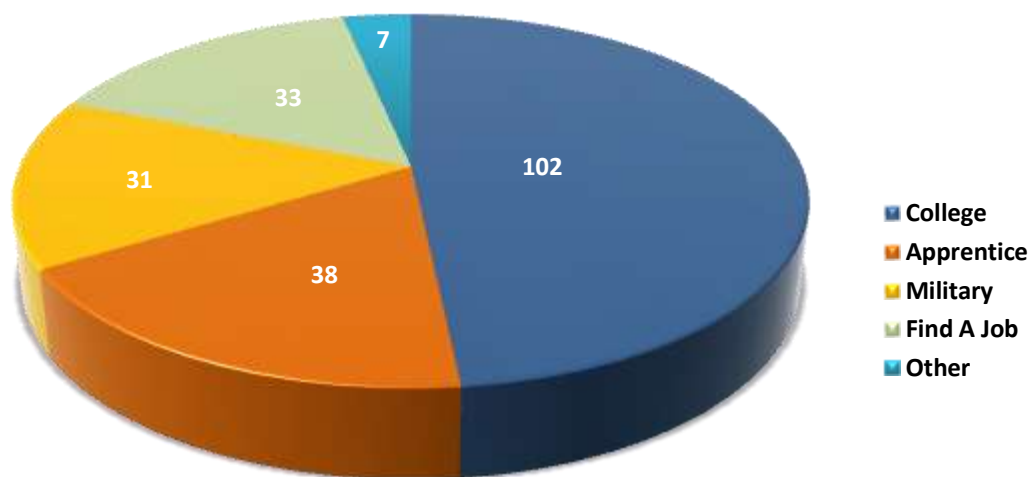


Question 2 (cont.) If you checked yes, which of the following careers interest you most (check all that may apply)



Other Careers: Military

Question #3 What are your future plans upon graduation from high school?



### Question #3 (Continued)

#### What college or university do you plan on attending?

**Colleges/Universities Listed:** University of Michigan, Grand Valley State, Saginaw Valley, Schoolcraft College, Michigan State University, Walsh College, Delta College, Lawrence Technological University, Lansing Community College, Macomb Community College, Jackson College, Tennessee University, Henry Ford Community College, Baker College, Northern Michigan University, University of Toledo, Ferris State University, Western Michigan University, Central Michigan University, Georgia Technological University, Clark Atlanta University, Wayne State University, Harvard, Yale, Adrian, University of Ohio, Oakland University, Mott Community College, ITT Technological Institute

#### What apprenticeship program are you interested in attending?

**Apprenticeship Programs Listed:** Electrical, Lineman, windmill installation, carpentry, plumbing, HVAC, masonry

#### If interested in the military, what branch?

**Military Listed:** Navy Air Force and Marines.

**Other career options listed:** Trade school, music, truck driver, take over family excavation business

### Question #4 What Activity(s) did you enjoy the most?

■ Masonry ■ Carpentry ■ Electrical ■ Simulators ■ Heavy Equipment ■ Concrete Pour

