



Program Data Summary Report

May 2019

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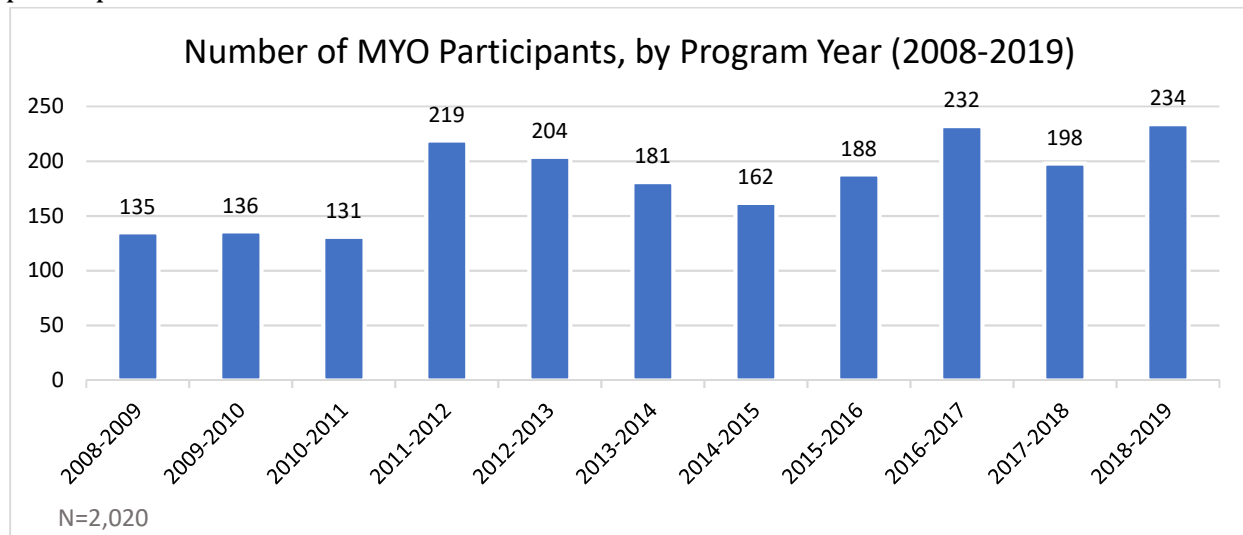
About the Data

Program data covering an 11-year period (program year 2008-2009 through program year 2018-2019) were analyzed to better understand the MYO participant population. Throughout the years, MYO has used a variety of tools to manage participant data collection. In general, they have collected basic participant socio-demographics, including date of birth, gender, grade in school, current school, address, parent/guardian names and contact information, and instrument played. Some years, they collected the name of the family member who is also playing in MYO and their relationship to the student, family income (in ranges), allergy/medical information, or other participant details. MYO provided program data to Community Solutions as a set of MS Excel files. Community Solutions then merged the data into a single file, created a unique identifier for each individual student using a combination of name and date of birth, and cleaned the data. Data cleaning included identifying and removing duplicate entries and filling in missing data elements for cases in which another, more complete record existed for that student in a previous or subsequent year.

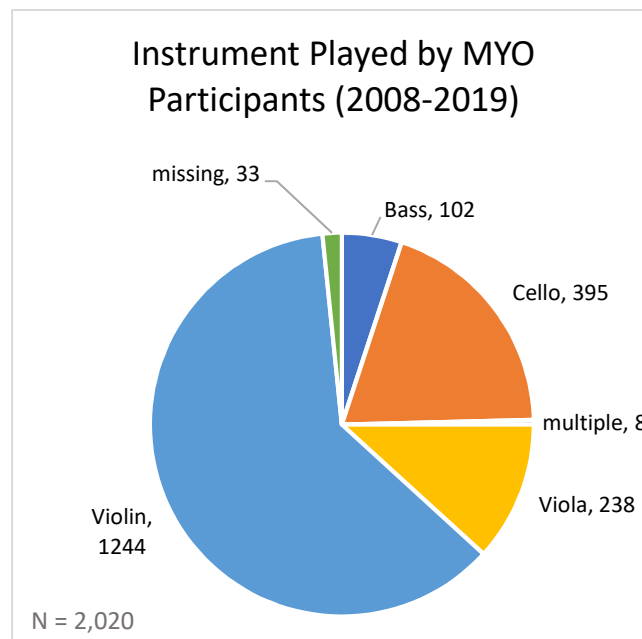
The data presented in this section is representative of two distinct groups: unduplicated participants and aggregate/duplicated participants. For static characteristics, such as gender, race, or year they joined MYO, the data are presented as a percentage of the 813 unduplicated MYO participants. For dynamic characteristics, such as school attended, home address, instrument played, or age/grade level, the information is presented in terms of the total or aggregate of all students served each program year, because these factors may change from one year to the next. The duplicated count of youth served during the study period is 2,020.

Participant Overview

During the 11 program years concluding in May 2019, MYO served a total of 813 youth. The number of youth served annually ranged from 131 (in PY2010-2011) to 234 (in PY2018-2019), but the overall trend is one of increasing participation. The aggregate, duplicated count of MYO participants for PY2008-2009 to PY2018-2019 is 2,020 participants.

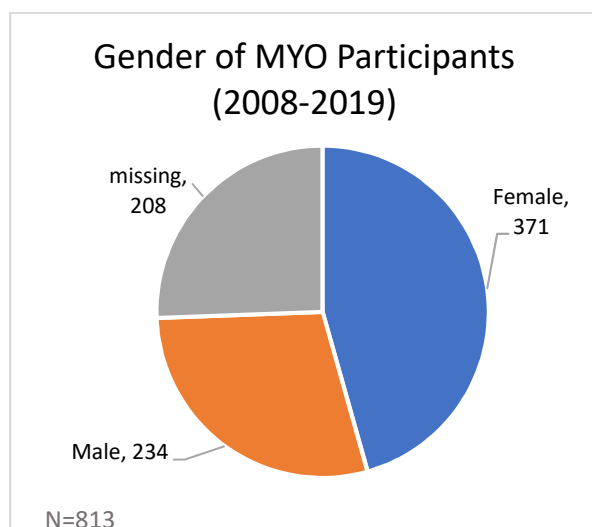


The majority of MYO participants played violin, followed by cello, viola, and finally, bass. A small number of participants played more than one instrument during a single program year (8 youth).

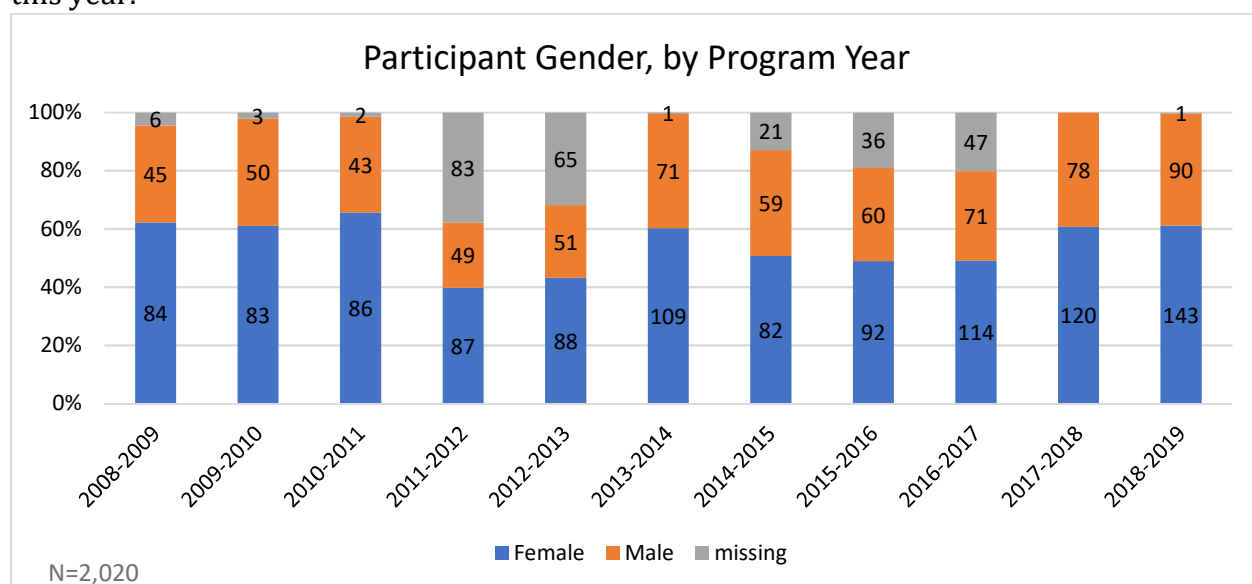


Gender

MYO serves more girls than boys. Nearly one-half of MYO participants are female (46%) and between one-quarter and one-third are male (29%). However, gender data were not available for 26% of the participants served from 2008-2019. Therefore, among participants for whom gender was recorded, girls outnumber boys nearly 2-to-1 (61% girls and 39% boys).

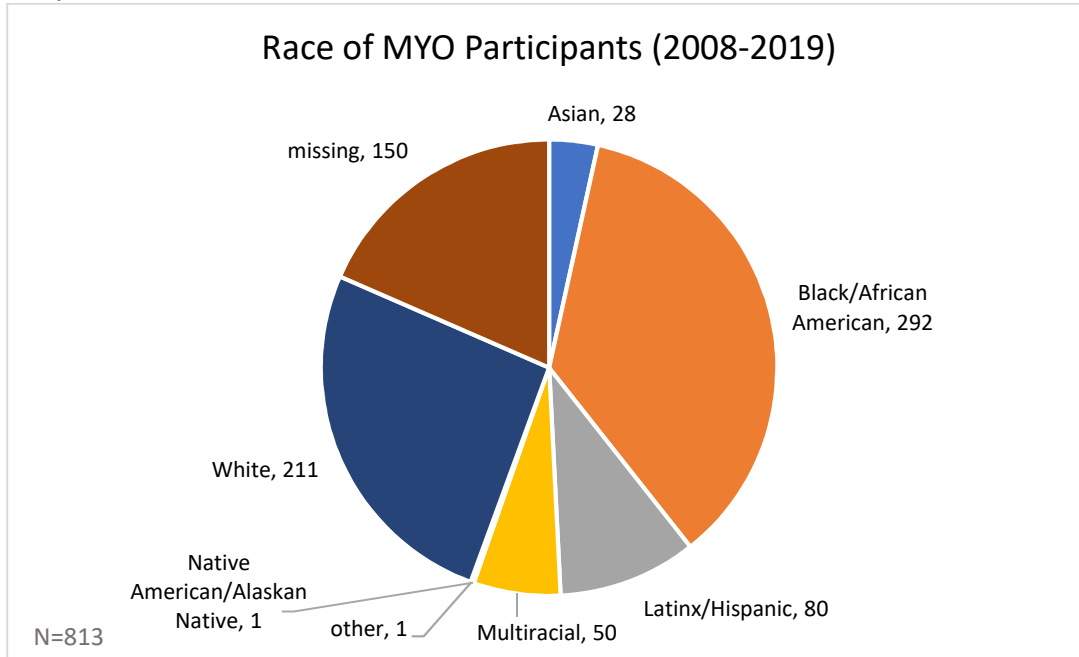


A closer look at gender by program year suggests that this proportion of girls-to-boys is consistent, independent of the share of participants for whom no data were reported, with girls representing 58%-65% of the population for who gender information was provided. For example, in program 2017-2018, gender was recorded for 100% of participants and girls comprised 61% of the total participant pool. Gender data were missing for 38% of the 2011-2012 program participants, and girls represented 64% of the participant pool during this year.

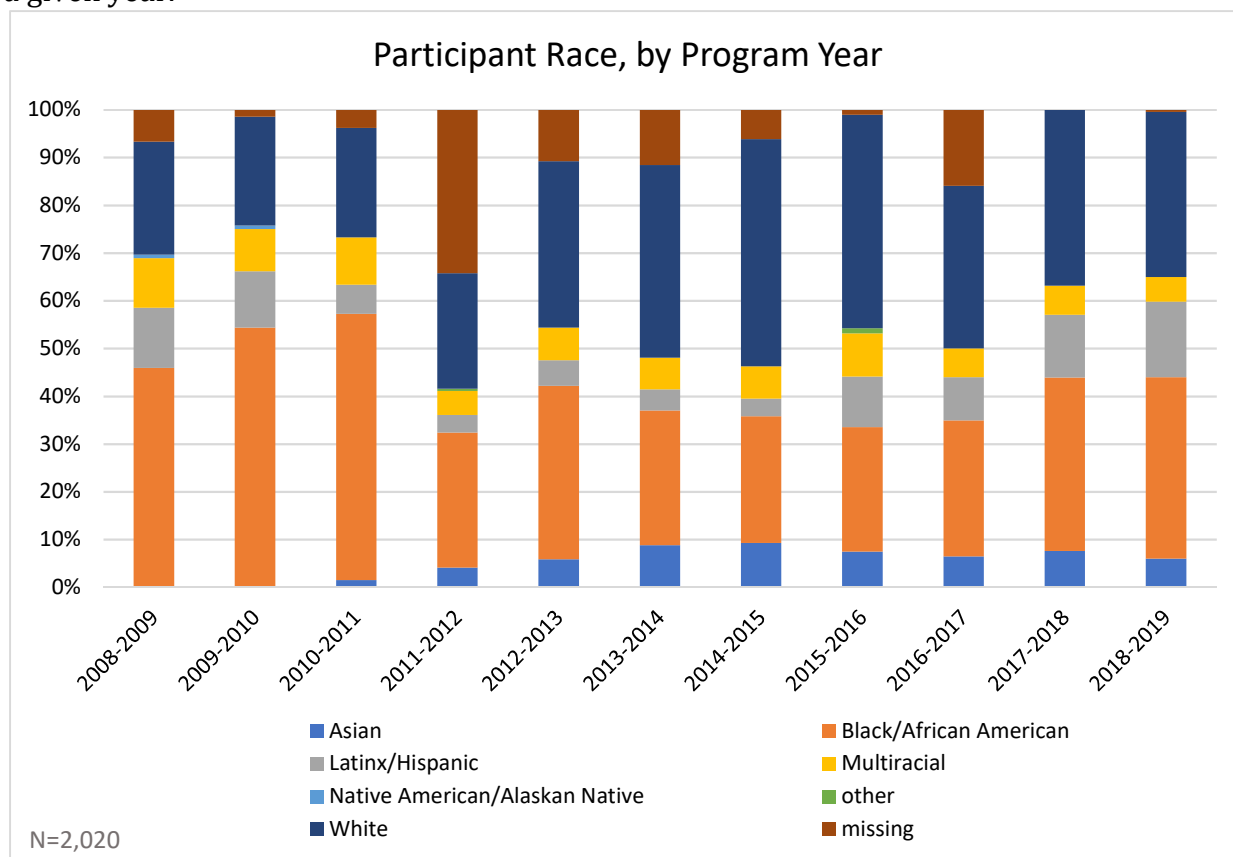


Race & Latinx Ethnicity

MYO continues to serve a racially diverse student population. Data on race and Latinx/Hispanic ethnicity were reported for 82% of the 813 MYO participants between 2008 – 2019. The largest share of participants identify as Black or African American (36%), followed by White (26%), and then Latinx or Hispanic (10%). About 6% of participants are more than one race, and 3% of participants identified their primary race as Asian. One participant selected “other” for their race, and one participant indicated Native American/Alaskan Native.

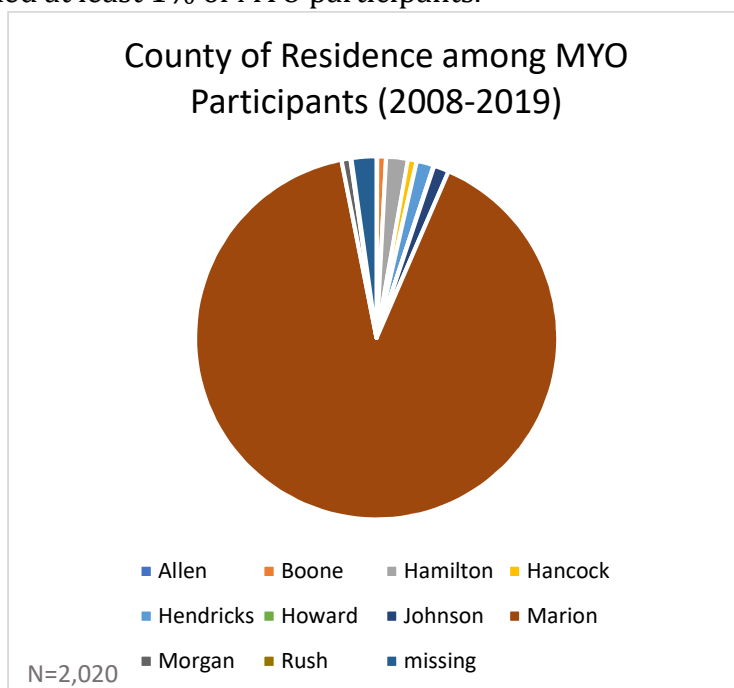


Drilling down to program year information shows that data completeness regarding race has been high during each of the past two years. The share of participants who identify as Latinx or Hispanic is the highest it has been over the past decade (16%), after starting the period at 13% and then dipping from 2010-2015. The share of students who identify as Asian has been higher over the last several years, peaking at over 9% in 2014-2015. The percentage of students who are Black or African American has declined overall since 2008, peaking at 56% in PY2010-2011, and dropping to 26% in PY2015-2016. The share of students who are White has ranged from 24% to 48%, and currently is 35%. Students identifying as more than one race or as “other” race comprise 5-11% of all students during a given year.



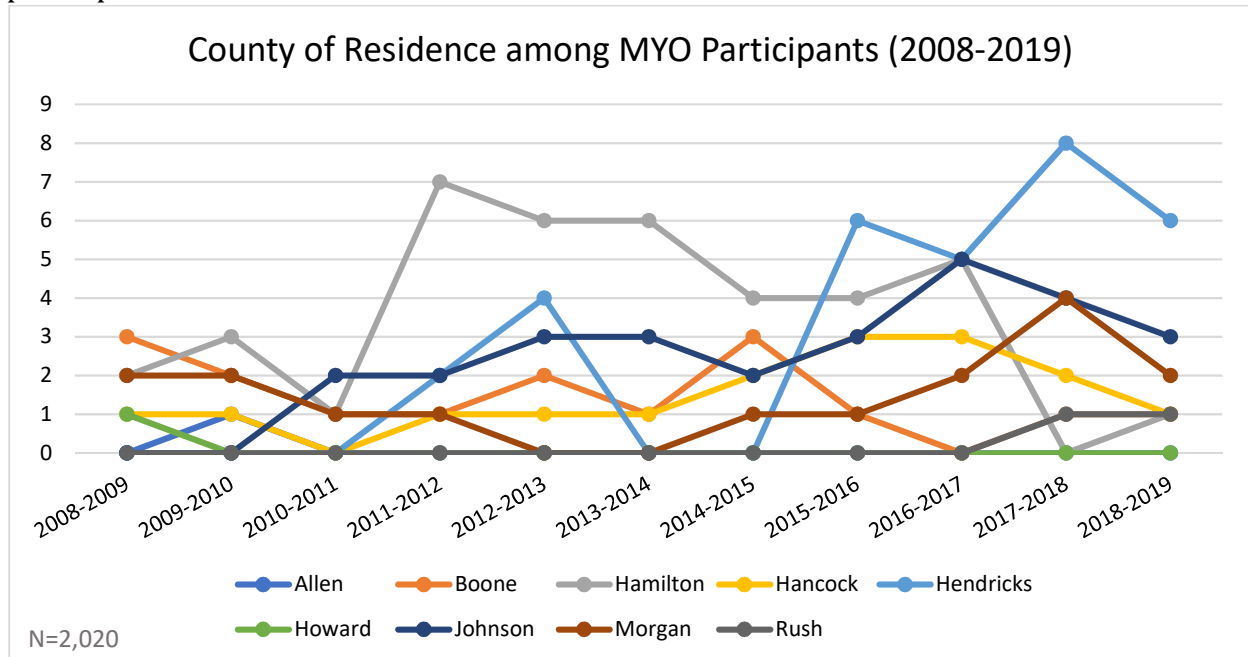
Geographic Reach¹

MYO participants come from all over Central Indiana, representing 10 counties, 22 municipalities and 65 zip codes since PY2008-2009, but the vast majority of participants live in Marion County (90%). Most of the counties represented are contiguous to Marion County, although not all are. Over 17% of participants lived in zip code 46205, which is the zip code in which Broadway United Methodist Church is located. The vast majority of participants (90%) lived in Indianapolis. Brownsburg, Fishers, and Greenwood included at least 1% of MYO participants.



¹ This information is reported as aggregate program year counts rather than unduplicated participant counts, as youth participating multiple years may have several addresses over that period of time.

The share of participants who lived in Marion County each program year ranged from a low of 89% to a high of 95%, and averaged 90% for the overall period, 2008-2019. Among the other counties represented, the number of participants from one year to the next has varied, and none of these counties has had more than eight residents participate in MYO during a given program year. Other counties with at least one MYO participant during at least one program year during PY2008-2009 to PY2018-2019 include Allen (1), Boone (16), Hamilton (39), Hancock (16), Hendricks (31), Howard (1), Johnson (27), Morgan (16), and Rush (2). Address information was missing for 45 participants.



In terms of City/Town of residence, Brownsburg, Greenwood, Fishers, were the only communities in which more than 1% of participants lived (aside from Indianapolis). A total of 22 cities or towns were represented at some point during 2008-2019.

City/Town	'08-'09	'09-'10	'10-'11	'11-'12	'12-'13	'13-'14	'14-'15	'15-'16	'16-'17	'17-'18	'18-'19	Total #	Total %
Avon								1	1	1	1	4	0.2%
Beech Grove		1									1	2	0.1%
Brownsburg				2	3			5	4	5	5	24	1.2%
Carmel	1	1	1	2	3	3	2					13	0.6%
Fishers		1		3	3	3	2	4	5			21	1.0%
Fort Wayne		1										1	0.0%
Franklin			2									2	0.1%
Greenfield				1	1	1	1	1	1			6	0.3%
Greenwood				2	3	3	2	3	5	4	3	25	1.2%
Indianapolis	121	126	125	198	182	155	144	168	208	176	216	1819	90.0%
Kokomo	1											1	0.0%
Lebanon	1	1		1	1							4	0.2%
Martinsville	2	2	1	1					1	3	1	11	0.5%
McCordsville										1		1	0.0%
Mooresville							1	1	1	1	1	5	0.2%
New Palestine	1	1					1	2	2	1	1	9	0.4%
Noblesville	1	1										2	0.1%
Plainfield					1					2		3	0.1%
Rushville										1	1	2	0.1%
Speedway									1	2	2	5	0.2%
Westfield				2							1	3	0.1%
Zionsville	2	1	1		1	1	3	1		1	1	12	0.6%
(missing)	5		1	7	6	15	6	2	3			45	2.2%
Grand Total	135	136	131	219	204	181	162	188	232	198	234	2020	100%

MYO Participants came from 65 different zip codes, with the most common zip codes including 46205, (17%), 46220 (6%), and 46208 (6%), and 46201 (5%). The program is located in the southern end of the 46205 zip code, a few blocks from the southeastern corner of the 46208 zip code. The 46220 zip code abuts 46205 to the north, and includes Broad Ripple and communities to the east. The 46201 zip code is located about 4 miles to the south of the program site and includes Fountain Square and other communities to the south and east.

Zip Code	#	%	Zip Code	#	%	Zip Code	#	%
46205	350	17%	46037	21	1%	46158	5	0%
46220	209	10%	46250	21	1%	46052	4	0%
46208	126	6%	46260	21	1%	46123	4	0%
46201	100	5%	46227	19	1%	46074	3	0%
46219	84	4%	46241	17	1%	46168	3	0%
46226	81	4%	46142	15	1%	46216	3	0%
46254	76	4%	46217	15	1%	46055	2	0%
46222	67	3%	46225	14	1%	46060	2	0%
46218	62	3%	46229	14	1%	46107	2	0%
46203	56	3%	46234	12	1%	46131	2	0%
46235	53	3%	46256	12	1%	46173	2	0%
46202	46	2%	46077	11	1%	46210	2	0%
46278	46	2%	46151	11	1%	46246	2	0%
46268	44	2%	46163	9	0%	46253	2	0%
46228	40	2%	46032	8	0%	46038	1	0%
46239	39	2%	46143	8	0%	46129	1	0%
46214	37	2%	46280	8	0%	46209	1	0%
46231	35	2%	46204	7	0%	46279	1	0%
46224	33	2%	46140	6	0%	46360	1	0%
46236	30	1%	46221	6	0%	46815	1	0%
46240	27	1%	46237	6	0%	46901	1	0%
46112	24	1%	46033	5	0%	(missing)	44	2%

There were 11 zip codes that were represented by more than 50 MYO participants since 2008. Participants from these zip codes account for 63% of all participants. Figure 1 displays these zip codes and includes the approximate location of MYO programming (indicated by a red star).

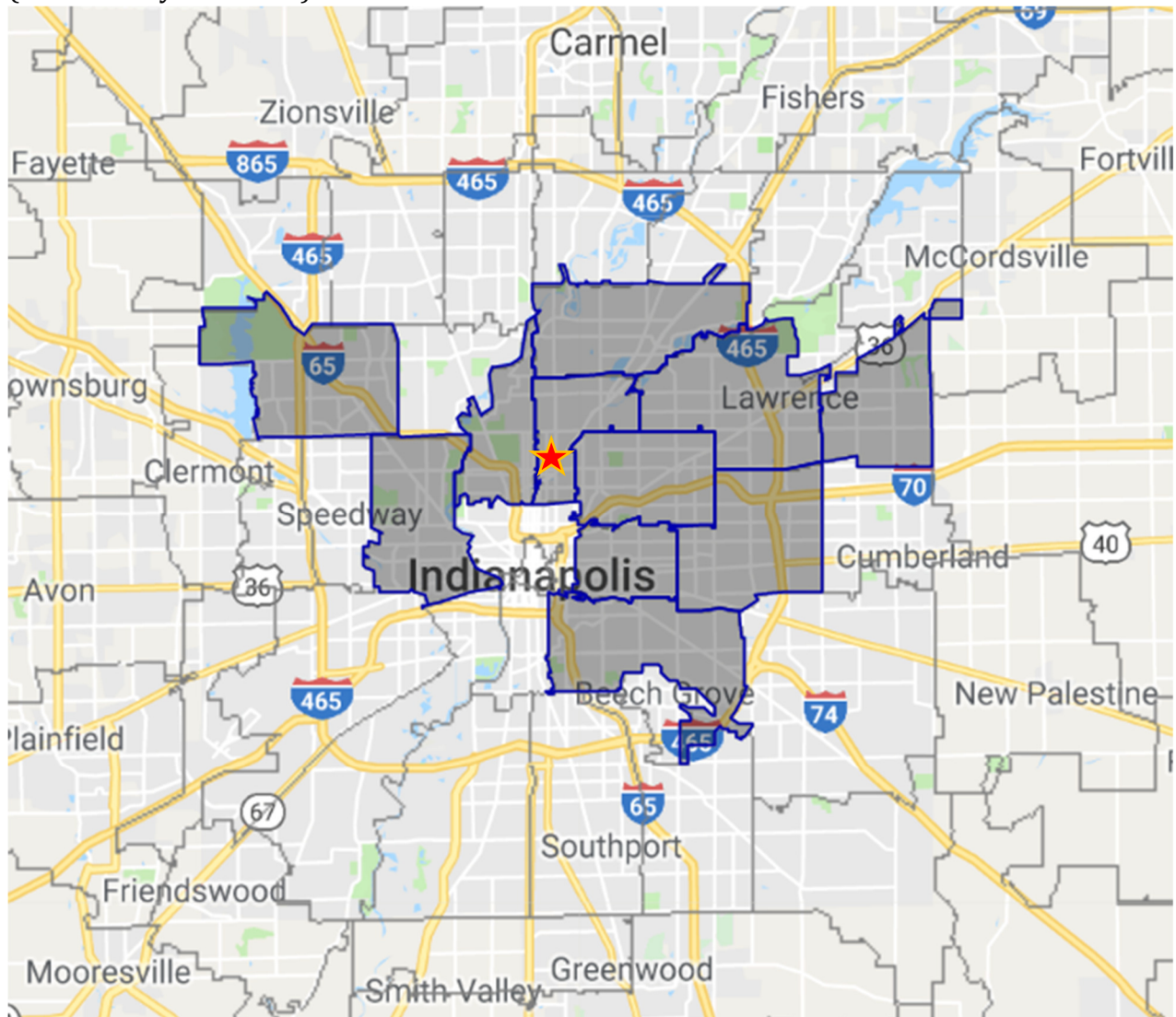


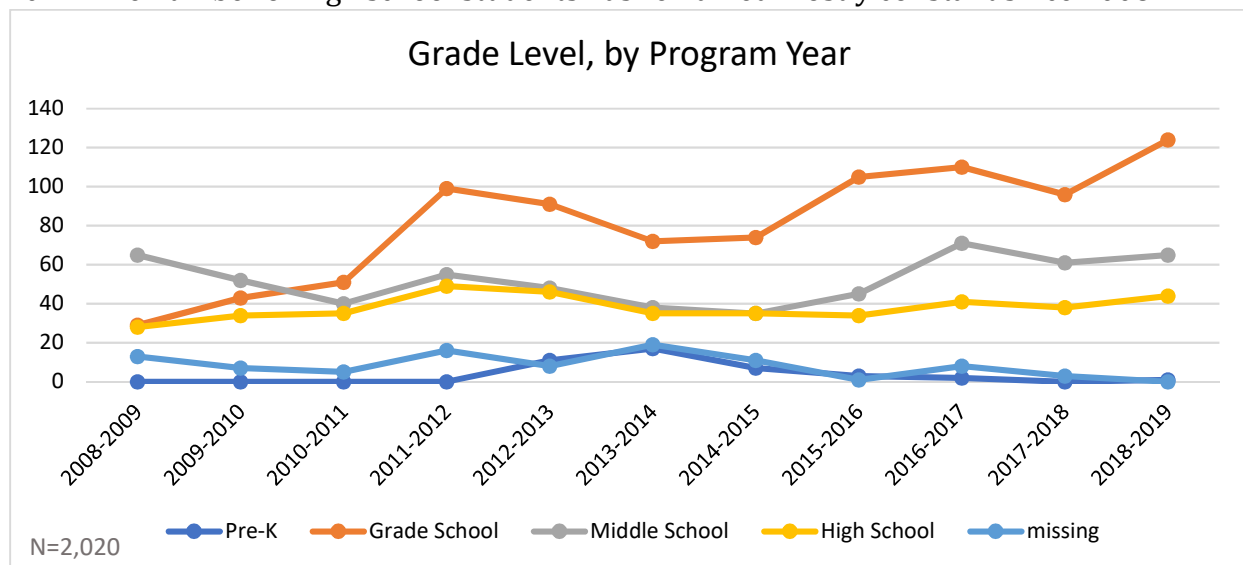
Figure 1: Zip codes with a total of 50 or more participant attendees (aggregate) from 2008-2019.

Income, race, and Latinx ethnicity data for the 11 zip codes from which 63% of MYO participants live are presented in the table below. Overall, the communities with the most MYO participants are more economically challenged than Marion County residents in general. In terms of racial and ethnic diversity, seven of the 11 zip codes have a larger percentage of people of color than Marion County as a whole, and five of the 11 zip codes have more Latinx residents than Marion County, overall.

Zip Code	Median Family Income	% Families in Poverty	% Minority Population	% Latinx or Hispanic
46205	\$52,430	21.1%	58.2%	3.7%
46220	\$102,356	1.9%	20.2%	3.9%
46208	\$47,821	24.5%	58.7%	3.7%
46201	\$37,452	27.4%	42.8%	3.7%
46219	\$52,629	13.9%	34.4%	9.5%
46226	\$39,388	22.4%	73.6%	13.3%
46254	\$50,765	16.0%	79.0%	18.1%
46222	\$32,472	31.7%	68.8%	25.2%
46218	\$29,866	35.1%	80.4%	5.5%
46203	\$41,049	23.9%	28.1%	10.6%
46235	\$44,559	23.4%	72.8%	12.8%
Marion County	\$56,733	15.2%	43.3%	10.1%
Red text indicates that the value for that zip code is worse than the value for Marion County as a whole.				

Grade Level

Grade school students comprise the largest share of MYO participants, followed by middle school students. The growth in participant population is most likely attributable to grade-school and middle school-aged students. Looking at current grade level of MYO participants by program year shows that highest numbers of students are in grades K-5 or 6-8 for each year that data are available, and that the number of grade school students surpassed the number of middle school students in PY2010-2011 and has continued to exceed the number of middle school students each year since. The number of pre-school students climbed 2012-2016 before returning to previous levels since PY2016-2017. The number of high school students has remained mostly constant since 2008.



Schools

MYO served students from a diverse array of schools from 2008 to 2019. Participants attended one or more of 247 schools during that period. A list of all 244 school is included in the Appendix. The schools that were represented at least 20 times include:

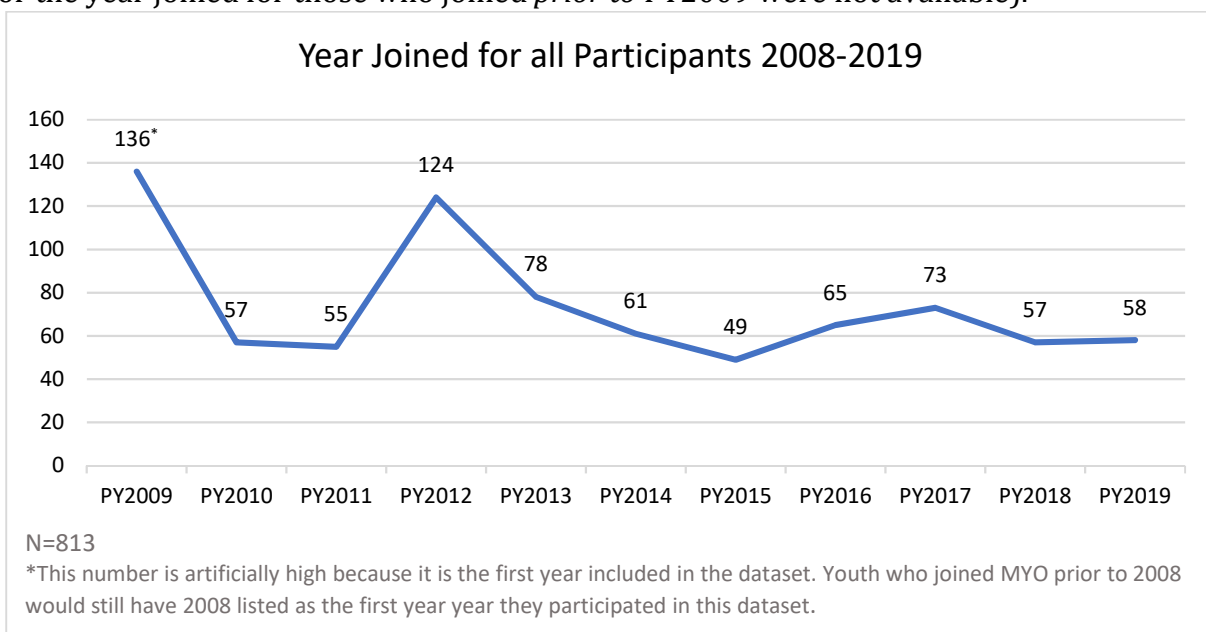
School Name	#	School Name	#
Center for Inquiry #84	182	New Augusta Academy	35
Sidener Academy	91	Center for Inquiry #27	34
Broad Ripple High School	71	Flanner House Elementary School	33
Center for Inquiry #2	67	Shortridge Middle School	28
Christel House Academy	54	Edison School of the Arts #47	27
Key Learning Community	51	Oaks Academy	26
IPS #70	50	Butler Lab School #60	25
Herron High School	50	Pride Academy	23
North Central High School	49	Warren Central High School	22
Global Prep Academy @ Riverside #44	42	Shortridge High School	21
IPS #91	39	Lawrence North High School	21
Pike High School	36		

Additionally, “homeschooling” appeared 81 times, alone or in combination with another educational resource, making it the third most often cited educational setting among MYO participants.

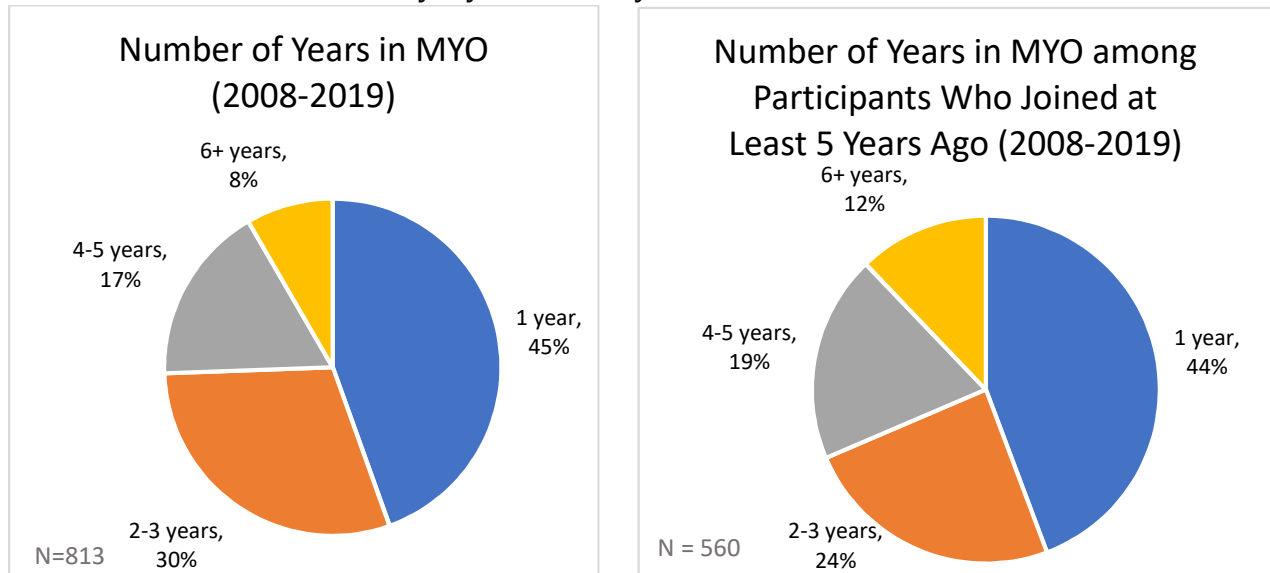
Engagement in MYO

In addition to using the program data to summarize MYO participant characteristics, the program data were also used to better understand patterns in MYO participation. The year each individual participant joined MYO is not a datapoint that is gathered or entered into the MYO database. In order to examine program engagement, Community Solutions used 11 years of program data to calculate the number of years participants were active in MYO. This summary does not include any data for participation in MYO prior to PY2009.

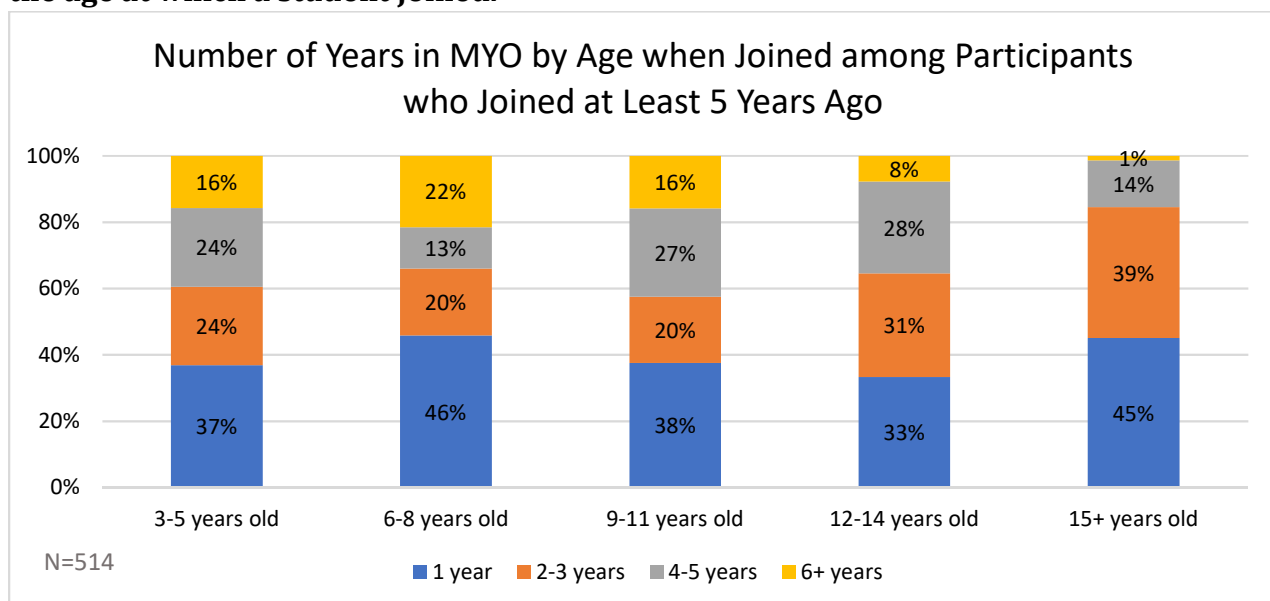
Among MYO participants who were active in the orchestra at least one year from PY2009 to PY2019, the number of students who joined MYO each year was fairly consistent, with the exception of PY 2012. The number of youth who joined MYO in PY2012 was more than double the average number who joined the other program years in the study period (with the exception of PY2009, which is artificially inflated because data for the year joined for those who joined *prior to* PY2009 were not available).



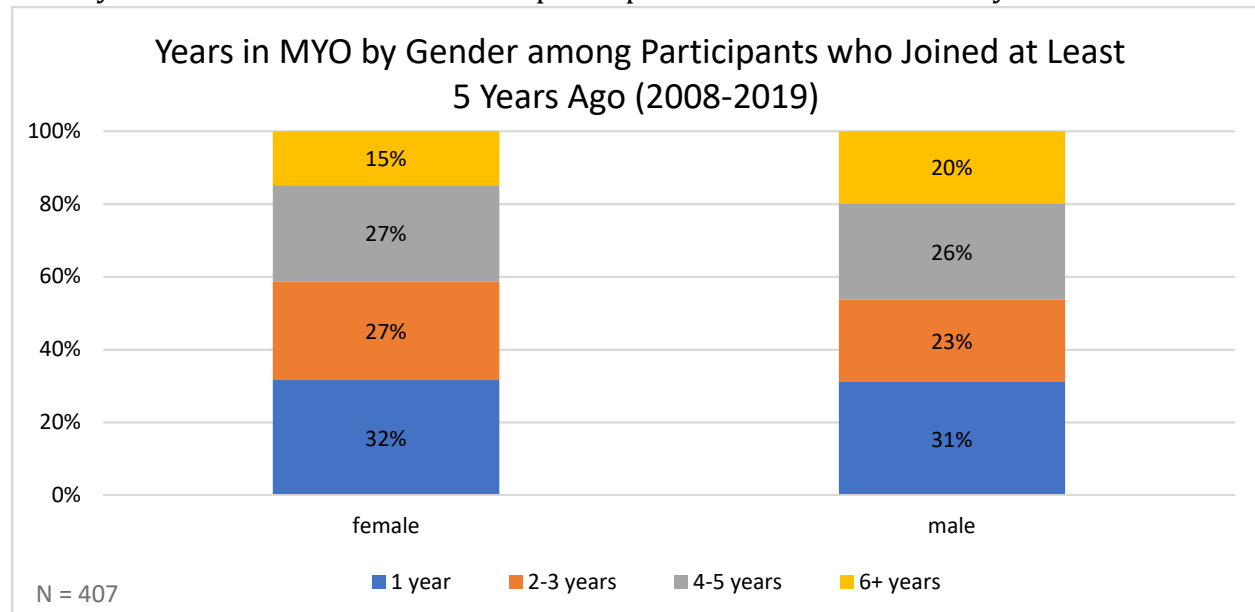
Among MYO participants who were active in the orchestra at least one year from PY2009 to PY2019, nearly one-half of them were only active for 1 year, while 30% were involved for 2-3 years, 17% were involved for 4-5 years, and 8% were involved for 6 or more years. When limiting the analysis to only the 560 students who joined MYO at least 5 years ago, the percentages are similar. The greatest differences are seen in the share of youth who have been in MYO for 2-3 years and for 6+ years, but the share who has been involved for only 1 year is nearly identical.



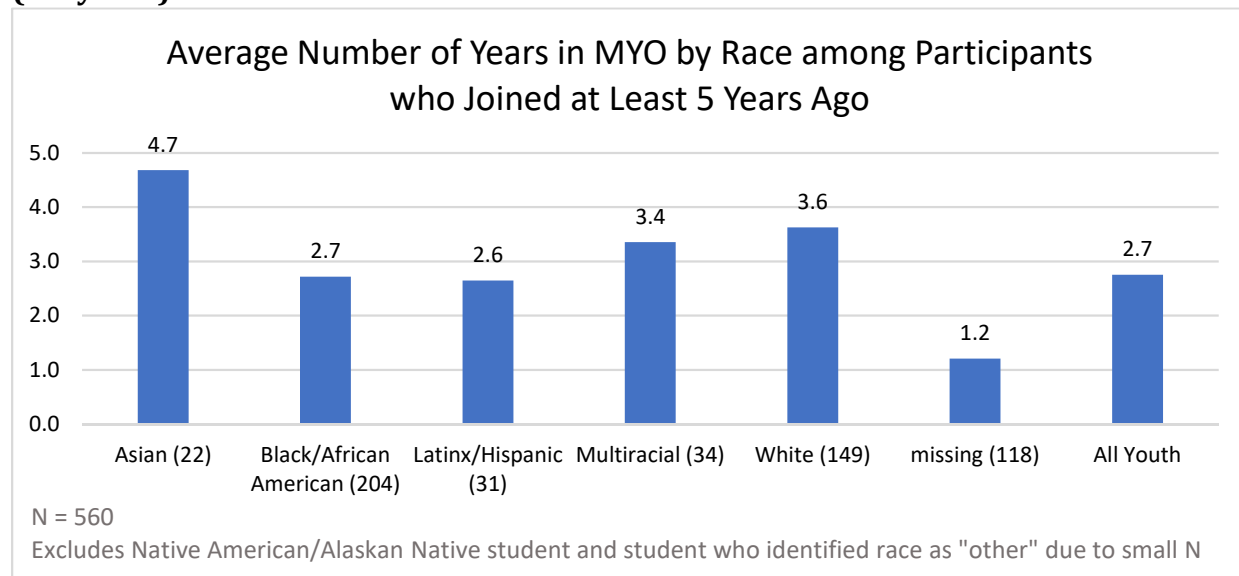
When drilling down to look at the number of years participants participated in MYO based on the age at which they joined, there were two age groups that saw the highest share of students who participated for one year only: youth ages 6 – 8 and youth ages 15 and up. However, youth ages 6 – 8 had the highest percentage of participants who were in MYO for 6 or more years. **Duration of participation in MYO does not appear to be closely tied to the age at which a student joined.**



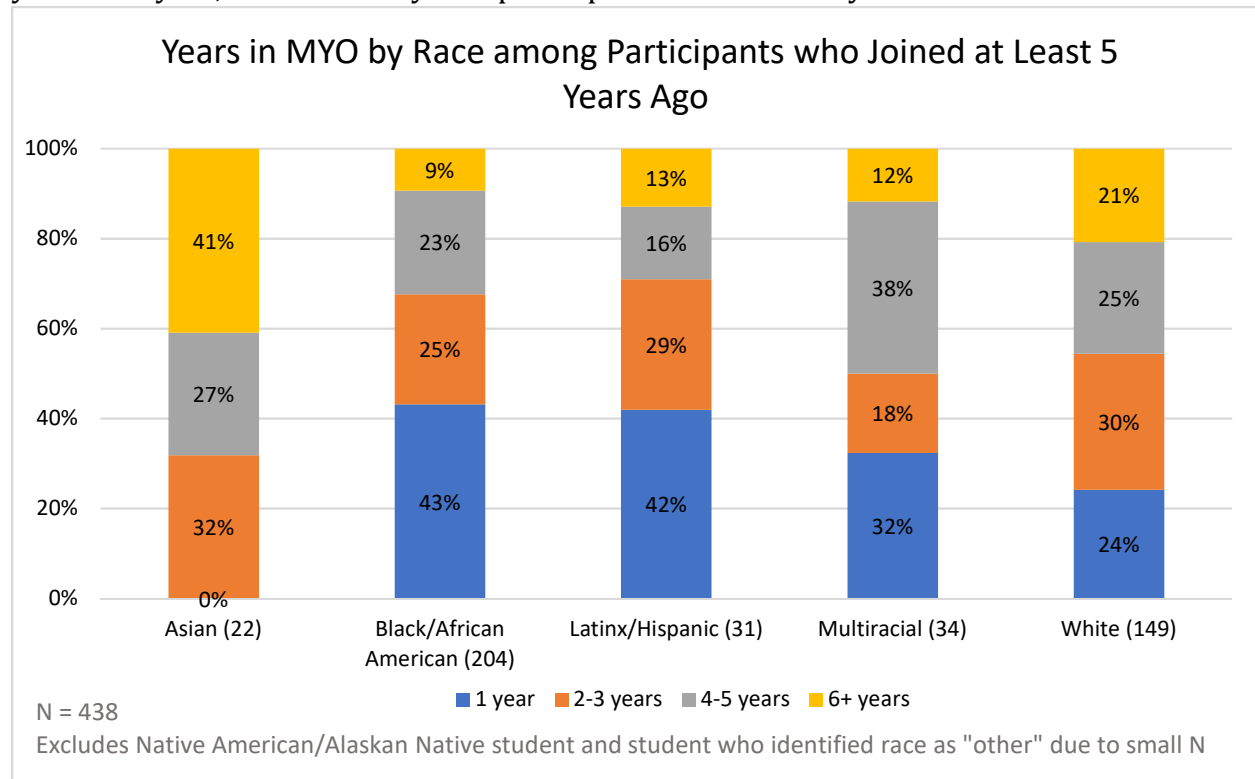
Duration of participation in MYO is similar among girls and boys. Both groups were equally likely to persist for just one year. A slightly higher share of boys persist for 4 or more years (46% of boys as compared to 42% of girls). Gender data were missing for 153 of the youth in the database who have participated in MYO for at least 5 years.



The average number of years in MYO for all MYO participants who joined MYO at least 5 years ago was 2.7 years. Persistence in MYO participation is highest among Asian youth (4.7 years) and White youth (3.6 years), followed by Multiracial youth (3.4 years), Black/African American youth (2.7 years), and Latinx/Hispanic Youth (2.6 years).



Black/African American youth were the most likely to participate in MYO for just one year and the least likely to participate in MYO for 6+ years. Their duration of participation was similar to that of Latinx/Hispanic youth. Asian youth were far more likely to persist in MYO year-over-year, and all Asian youth participated for at least 2 years.



Appendix: All Schools Attended by MYO Participants 2008-2019

A Children's Habitat	Centerton Elementary
Abounding Grace	Challenge Foundation Academy
Algebraic Institute	Chapel Hill 7th & 8th Grade Center
Allisonsville Elementary School	Children of America
Amy Beverland Elementary School	Christ the King
Arsenal Technical High School	Christel House Academy
Avon High School	Christina M Commons
Avon Intermediate West	Clark Creek Elementary
Baxter Ymca (Pre-school)	Clarks Creek Elementary
Behavior Analysis Center for Autism	Coasting Middle School
Belzer Middle School	Connection Point
Ben Davis High School	Connections Academy
Blackhawk MS	Cornerstone Baptist Academy
Brebeuf Prep	Craig Middle School
Broad Ripple High School	Creston Middle School
Brook Park Elementary	Crispus Attucks
Brookside Elementary	Crooked Creek Elementary School
Brookville Middle School	Crosspointe Christian Academy
Brown Academy	Day Nursery
Brown Elementary	Decatur Discovery Academy
Brownsburg East Middle School	Delaware Trail Elementary School
Brownsburg High School	Doe Creek Middle School
Brownsburg West Middle School	Eagle Creek Elementary School
Building Blocks Academy	East Middle School
Bundles of Joy Christian Academy	Eastbrook Elementary
Butler Lab School	Eastwood Middle School
Butler Lab School #55	Edison School of the Arts #47
Butler Lab School #60	Elder Diggs Elementary School
Capitol City SDA School	Fall Creek Academy
Cardinal Ritter High School	Fall Creek Intermediate
Carmel High School	Fall Creek Valley Middle School
Carmel Middle School	Fishback Creek Public Academy
Carpe Diem	Flanner House Elementary School
Castleton United Methodist	Forest Glen Elementary
Cathedral High School	Fox Hill Elementary School
Center for Inquiry	Francis Parker School 56
Center for Inquiry #2	Franklin Central High School
Center for Inquiry #27	Franklin County Middle School
Center for Inquiry #70	Franklin Township Middle School
Center for Inquiry #84	Franklin Township Middle School East
Center Grove High School	Gambold Preparatory School

Geist Elementary School	IPS #55
Geist Montessori Academy	IPS #58
Global Prep Academy @ Riverside #44	IPS #60
Grassy Creek Elementary	IPS #67
Greenbriar Elementary School	IPS #68
Greenwood Christian Academy	IPS #70
Guion Creek Elementary School	IPS #74
Hamilton Southeastern	IPS #87
Harrison Hill Elementary School	IPS #90
Harshman Magnet Middle School	IPS #91
Head Start	IPS #99
Heritage Christain School	Irvington Community School
Herron High School	James A Garfield Elementary School
Hickory Elementary School	James Allison Elementary
Holy Angels	John Strange Elementary
Holy Spirit Catholic School	Key Learning Community
home school	Key Learning Community, North
Homeschool/Bundles of Joy Christian Academy	Key Learning Riverside
Homeschool/Creekside Christian	KI Community School
Homeschool/F.K. Academy	Kingsway Christian School
Homeschool/Johnson Academy	KIPP
Homeschool/Mitchell Christian Academy	Kokomo High School
Hoosier Road Elementary	Lakeside Elementary
Imagine Charter School	Lawrence Central High School
Immaculate Heart of Mary	Lawrence Early Learning Center
Independence Academy	Lawrence North High School
Indiana Academy	Lebanon High School
Indiana Math and Science Academy	Lebanon Middle School
Indianapolis Lighthouse	Liberty Park
Indianapolis Lighthouse Academy South	Lighthouse Academy
International School of Indiana	Lincoln Middle School
IPS # 384	Longfellow Magnet Middle School
IPS #114	Lowell Elementary
IPS #14	Lynhurst Center
IPS #19	Manual Emmerich High School
IPS #24	Maple Elementary
IPS #31	Maplewood
IPS #43	Maria Montessio International Academy
IPS #44	Mary Nicholson Performing Arts School 70
IPS #47	McCordsville Elementary
IPS #48	Meridian Street Preschool Co-op
IPS #49	Montessori School of Westfield
IPS #54	New Augusta Academy

IPS #55

New Palestine High School
Newby Memorial Elementary
Nora Elementary School
North Central High School
North View Elementary
North Wayne Elementary
Northview Middle School
Oaks Academy
Orchard School
Our Lady of Lourdes Catholic School
Paramount School of Excellence
Park Tudor School
Paul Hadley Middle School
Perry Meridian High School
Perry Meridian Middle School
Pike High School
Pinnacle Academy
Pleasant Run
Pride Academy
Project Libertas
Project School
Purdue Polytechnic High School
Raymond Park Middle School
Reese Academy
River Birch Elementary
Riverside Intermediate School
Robey Elementary
Saints Francis & Clare
Sand Creek Intermediate
School of Community Learning
Shortridge Middle School
Shortridge High School
Sidener Academy
Skiles Test Elementary School
Snacks Crossing Elementary
South Creek Elementary
Southgrove Intermediate (Beech Grove)

Southport High School
Southport Middle School
Southport Presbyterian
Speedway Junior High
Spring Mill Elementary
St. Andrew
St. Joan of Arc
St. Malachy Catholic School
St. Mary's @ Lab School
St. Michael the Archangel
St. Michael/St. Gabriel Catholic School
St. Monica Catholic School
St. Richard's
St. Roch
St. Thomas Aquinas
Step Above Childcare Ministry
Stonegate Elementary
Stoney Creek Elem
Stony Brook Intermediate Academy
Sugar Creek Elementary
Sunny Heights Elementary School
Sycamore School
Thorpe Creek Elementary
Tindley Collegiate Academy
Tindley Genesis Academy
Tindley Renaissance Academy
Tindley Summit Academy
Todd Academy
Towne Meadow Elementary
Traders Point Christian Academy
Turning Point
University High School
Warren Central High School
Westlake Elementary School
Westlane Middle School
White Oak Elementary
Winding Ridge Elementary
Zionsville High School