

Committee Members

Molly McCullough, Chair
Susan Mailman, Vice-Chair
Jermoh Kamara

Administrative
Representative

Dr. Marie Morse EdD

OFFICE OF THE
CLERK OF THE SCHOOL COMMITTEE
WORCESTER PUBLIC SCHOOLS
20 IRVING STREET
WORCESTER, MA 01609

AGENDA #9

The Standing Committee on TEACHING, LEARNING AND STUDENT SUPPORTS will hold a virtual and/or in-person meeting:

on: Tuesday December 13, 2022
at: 5:30 p.m.
in: Room 410, Durkin Administration Building

ORDER OF BUSINESS

I. CALL TO ORDER

II. ROLL CALL

III. GENERAL BUSINESS

gb 2-139 - McCullough - (April 11, 2022)

Request that the Administration provide an update on High School Non-MCAS programs and explore utilization of space at schools in the district.

gb 2-201 - Mailman (July 11, 2022)

To review the availability of childcare for system educators in various positions and in various geographic parts of the city; one example - high school teachers at Burncoat and lack of early childcare availability in the area. Past practices?

gb 2-218 - Administration (August 8, 2022)

To accept the Early College Full School and Expansion Year 2; Fund Code 175 Grant from the Massachusetts Department of Elementary and Secondary Education Continuation administered by the Office of Early College in the amount of \$500,000.

gb 2-244 - Administration (August 24, 2022)

To consider an update of the Admissions Policy at Worcester Technical High School and recommend possible amendments.

IV. ADJOURNMENT

Helen A. Friel, Ed.D.
Clerk of the School Committee

ITEM: gb 2-139

STANDING COMMITTEE: **TEACHING, LEARNING AND STUDENT SUPPORTS**

DATE OF MEETING: Tuesday, December 13, 2022

ITEM: McCullough (April 11, 2022)

Request that the Administration provide an update on High School Non-MCAS programs and explore utilization of space at schools in the district.

PRIOR ACTION:

5-5-22 - On a roll call of 7-0, the item was referred to the Standing Committee on Teaching, Learning and Student Supports.

BACKUP: Administration will be prepared to speak to the item.

STANDING COMMITTEE: **TEACHING, LEARNING AND STUDENT SUPPORTS**

DATE OF MEETING: Tuesday, December 13, 2022

ITEM: Mailman (July 11, 2022)

To review the availability of childcare for system educators in various positions and in various geographic parts of the city; one example - high school teachers at Burncoat and lack of early childcare availability in the area. Past practices?

PRIOR ACTION:

7-21-22 - On a roll call of 5-2 (absent Mayor Petty and Ms. McCullough) the item was referred to the Standing Committee on Teaching, Learning and Student Supports.

BACKUP: Annex A (1 page) contains the response to the item.

To: School Committee
From: Assistant Superintendent and Executive Directors
Re: gb 2-201 (July 11, 2022)

To review the availability of childcare for system educators in various positions and in geographic parts of the city; one example- high school teachers at Burncoat and lack of early childcare availability in the area. Past practices?

Date: December 7, 2022

The district is interested in investigating how broad of an issue child care is for our educators. To gain perspective we will conduct a survey from our Human Resources Office and ask our educators how much this issue impacts their lives. In addition, we will work to provide a resource list of all known available childcare services by quadrant to providethis information for our educators.

Following the survey we will revisit the results and convene a work group to consider ways to support Worcester Pubic Schools' educators.

STANDING COMMITTEE: **TEACHING, LEARNING AND STUDENT SUPPORTS**

DATE OF MEETING: Tuesday, December 13, 2022

ITEM: Administration (August 9, 2022)

To accept the Early College Full School and Expansion Year 2; Fund Code 175 Grant from the Massachusetts Department of Elementary and Secondary Education Continuation administered by the Office of Early College in the amount of \$500,000.

PRIOR ACTION:

- 8-18-22 - On a roll call of 5-2 (absent Clancey and Kamara), the item was approved.
On a voice vote, the item was referred to the Standing Committee on Teaching, Learning and Student Supports for discussion.
- 9-13-22 - **STANDING COMMITTEE ON TEACHING, LEARNING AND STUDENT SUPPORTS**
Dr. Sippel stated that the Administration will provide information regarding the overall Early College Programs districtwide at the October Standing Committee meeting. He provided an overview of the grant and stated that two new positions were added to Claremont Academy, one a Focus Instructional Coach and the other an Early College Advisor.
Chair McCullough made the following motion:
Request that the item be held for an update in October.
On a roll call of 3-0, the motion was approved.
- 10-6-22 - **SCHOOL COMMITTEE MEETING** - The School Committee approved the action of the Standing Committee as stated.
- 10-18-22 - Dr. Sippel provided an overview of the districtwide Early College Programs by stating that high school students take a series of college courses and can earn up to 12 credits for college before they graduate. He provided DESE Early College Grant Funding for this year and stated that DESE will be sustaining funding for Claremont Academy in 2023-24 and \$100,000 in additional funding is expected pending confirmation of the fall program enrollment. The district plans on recruiting and supporting students from underrepresented populations in every high school.

Chair McCullough asked for information on school bus availability and Dr. Sippel stated that buses are at all seven schools and transporting students to the two colleges Monday through Thursday.

Member Mailman stated that she believes that the colleges are not getting the proper amount of reimbursement and that the Committee should advocate at the state level. Ryan Forsythe, Vice-President for Enrollment at WSU, stated that the funding mechanisms that exist through the various state agencies are increasing year to year but advocacy may be necessary to sustain them.

Member Mailman requested that the Administration provide a report on other districts that are implementing the Early College program to include how they compare to WPS.

Member Kamara requested information on how the district is supporting guidance counselors to include the methods and strategies that are being used to support students in a career path.

On a roll call of 3-0, the item was held for updates in December.

BACKUP: Administration will be prepared to speak to the item.

STANDING COMMITTEE: **TEACHING, LEARNING AND STUDENT SUPPORTS**

DATE OF MEETING: Wednesday, December 13, 2022

ITEM: Administration (August 24, 2022)

To consider an update of the Admissions Policy at Worcester Technical High School and recommend possible amendments.

PRIOR ACTION:

- 9-1-22 - Student representative Kendra Anim recommended that students who are in the Innovation Pathway Programs should have a chance to be accepted into Worcester Technical High School at any grade level. Mayor Petty requested that Kendra Anim be invited to the meeting of the Standing Committee on Teaching, Learning and Student Supports when the item is discussed. Member Kamara requested that the Administration provide a report to include a representation of students of color and economically disadvantaged students who were accepted into the freshman class at WTHS. On a roll call of 7-0, the item was referred to the Standing Committee on Teaching, Learning and Student Supports.
- 9-13-22 - **STANDING COMMITTEE ON TEACHING, LEARNING AND STUDENT SUPPORTS**
Dr. Sippel stated that the population of students of color as well as economically disadvantaged students at WTHS have been very close in proportion across the district. (Continued on page 2.)

PRIOR ACTION (continued)

9-13-22 - Chair McCullough asked for more information regarding the acceptance (continued) of twins to WTHS.

Chair McCullough made the following motion:

Request that the School Committee accept the following amendments to the Admissions Policy for Worcester Technical High School regarding siblings that are in the same grade.

"There may be cases when 8th grade siblings may apply for admission to WTHS from the same feeder school and are assigned to the same tier for the lottery. As the tiered lottery is a random drawing, one sibling may be accepted for a seat allocated to their school while the other sibling(s) might be placed on the waiting list. If this occurs, the parent/guardian may notify the WTHS administration of the circumstance and provide legal documentation of the applicants' sibling status. After a review of the documentation, WTHS may then allocate additional seats to accommodate any siblings who were placed through the lottery on the waiting list."

On a roll call of 3-0, the motion was approved.

Chair McCullough made the following motion:

Request that the item be held for a meeting in November regarding the Innovation Pathway Program and invite the School Committee student representative Kendra Anim to the meeting.

On a roll call of 3-0, the motion was approved.

10-6-22 - SCHOOL COMMITTEE MEETING - The School Committee approved the action of the Standing Committee as stated.

BACKUP: Annex A (18 pages) contains a copy of information regarding the item.



Worcester Innovation Pathways Program

WPS Standing Committee on Teaching, Learning and Student Supports

December 13, 2022

Agenda

- Overview
- Student Experience
- Enrollment Data

MA High Quality College & Career Pathways

- In 2017, the Commonwealth launched a High Quality College & Career Pathways initiative to serve as an overarching strategy for significantly expanding student access to high-quality career pathways.
- The initiative launched two new types of pathways for this effort (in addition to Chapter 74 programs): Early College & Innovation.
- **Innovation Pathways** are designed to;
 - Give students coursework and experience in a specific high-demand industry, AND
 - Create strong partnerships with employers in order to expose students to career options and help them develop knowledge and skills related to their chosen field of study before they graduate high school.

WPS IP was created to help students explore careers earlier, and provide more direction to their post-secondary pathway

Motivation and Overview:

- Designed to help students **explore career fields of interest** and develop skills for future success
- Provides a **jump start in their career**, whether a student is pursuing a job or higher education upon graduation
- **Utilizes resources and expertise** at Worcester Tech
- Offered in areas where **labor market demand is high**



Mission Statement:

“Innovation Pathways seeks to help students develop career interests and deliberately prepare them for success of in-demand careers through technical training and professional skill development. Innovation Pathways is ‘Empowering students with a career vision and the skills to pursue it with confidence.’”



WPS IP - Program Requirements

Pathways Offered:

- Allied Health
- Advanced Manufacturing
- Biotechnology
- Business & Marketing
- Construction & Related Engineering
- Computer Science
- Information Technology

Program Requirements:

Career & Academic Planning

- Two semester long classes at comprehensive high schools
- Classes provides support in developing a college and career plan, industry connections, and key employability skills

Technical Classes

- Two technical classes in chosen pathway
- Technical classes run during Q2 and Q3, over two years
- Students receive WPS credit on transcript

Internship/ Capstone

- Complete 100-hour paid work-based learning during spring/summer months OR capstone class
- Students receive WPS credit on transcript

College Classes

- Complete in 2 college level classes (e.g., AP or dual enrollment courses)



WPS IP - Student Experience

WPS IP - Pathway Sequence

Time	Pathway Sequence
9th Grade	<ul style="list-style-type: none">• Apply
10th Grade	<ul style="list-style-type: none">• Technical class #1• Career and Academic Planning class• Career preparation workshops/ industry education• College level courses
SUMMER	<ul style="list-style-type: none">• Internship opportunity
11th Grade	<ul style="list-style-type: none">• Technical class #2• Career and Academic Planning class• Career preparation workshops / industry education• College level courses
SUMMER	<ul style="list-style-type: none">• Internship opportunity
12th Grade	<ul style="list-style-type: none">• Technical elective (<i>optional</i>)• Employment / post-secondary planning• Capstone course (<i>if internship not completed</i>)• College level courses



WPS IP - Typical Student Day

- Follow bus plan established with your Career & Academic Planning teacher
- Travel to WTHS in school bus at start of last period
- Have 1 hour in cafeteria to eat a “second lunch”, work on homework, take a break, change into uniform, etc.
- Go to technical classes 2:30pm-5:15pm
- Get picked up at 5:15pm or take school bus to Union Station and take WRTA bus home

IP Year 1 Student Schedules

Pathway	Technical Course	Instructor(s)	Days/Week
Adv. Manufacturing	Intro to Adv Manufacturing	Mr. Cummings & Mr. Chambers	Tuesday & Wednesday
Allied Health	Intro to Health Careers & Care Essentials	Ms. Baez & Ms. Coughlin	Wednesday & Thursday
Biotechnology	Found of Modern BioTech	Ms. Gaudette & Ms. Racine	Tuesday & Wednesday
Bus & Marketing	Intro to Business	Ms. SanInocencio	Tuesday & Wednesday
Const/Related Engineering	Const. Techniques & Spec	Mr. Swears & Mr. Turner	Wednesday & Thursday
Comp Science	Web Development	Mr. LeBoeuf	Tuesday & Thursday
IT	IT Essentials	Mr. Abbascia	Tuesday & Thursday

WPS IP - Enrollment

WPS IP - Current, Historic & Projected Enrollment

	TOTAL Enrollment					
	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24
Advanced Manufacturing	10	15	20	23	21	28
Construction	10	20	31	35	35	37
Information Technology	13	50	74	66	64	83
Allied Health	16	44	63	77	76	75
Business & Marketing	0	0	20	36	41	43
Biotechnology	0	0	0	9	18	29
NEW Program (TBD) OR Expansion of E	0	0	0	0	0	0
TOTAL	49	129	208	246	255	295

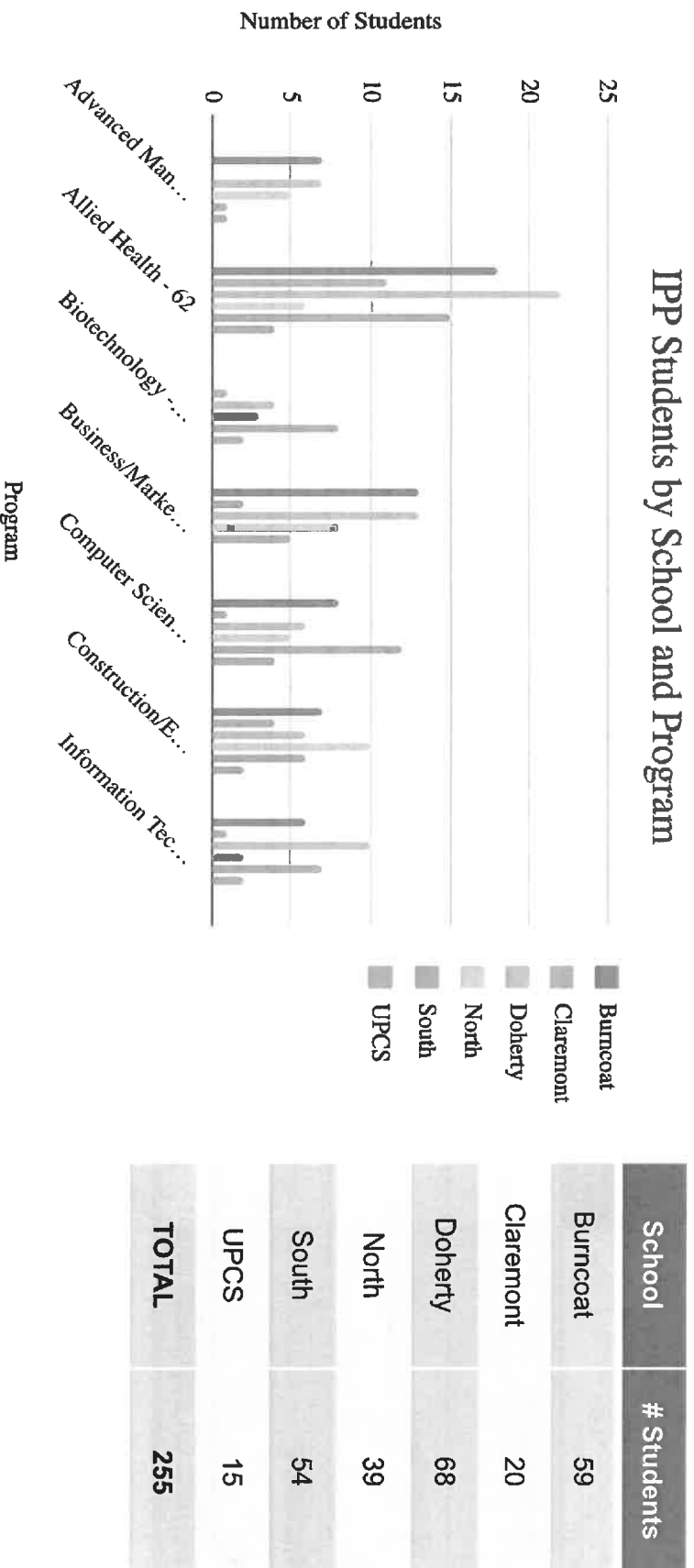
Note: Student counts as of 11/04



WPS IP - Current Enrollment by Pathway & School

Enrollment by Program and School

Total # of IPP students, SY22-23



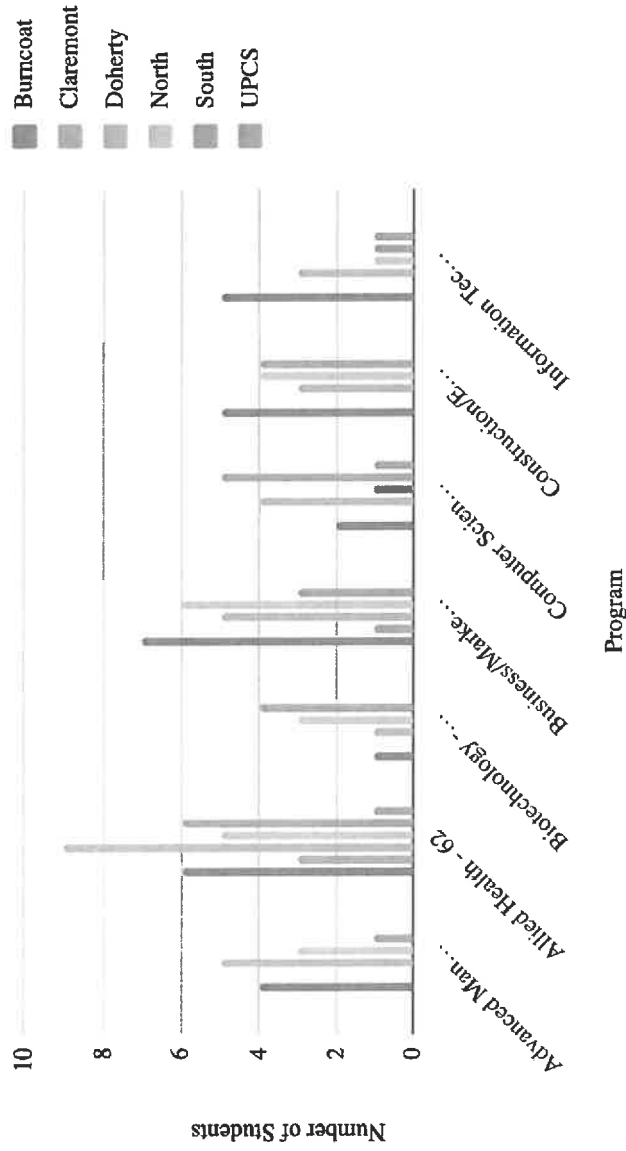
- Additional Info:**
- 255 students currently enrolled

Note: Student counts as of 11/04

WPS IP - New Enrollment by Pathway & School

Enrollment by Program and School Total # of new IPP students, SY22-23

New IPP Students by School and Program

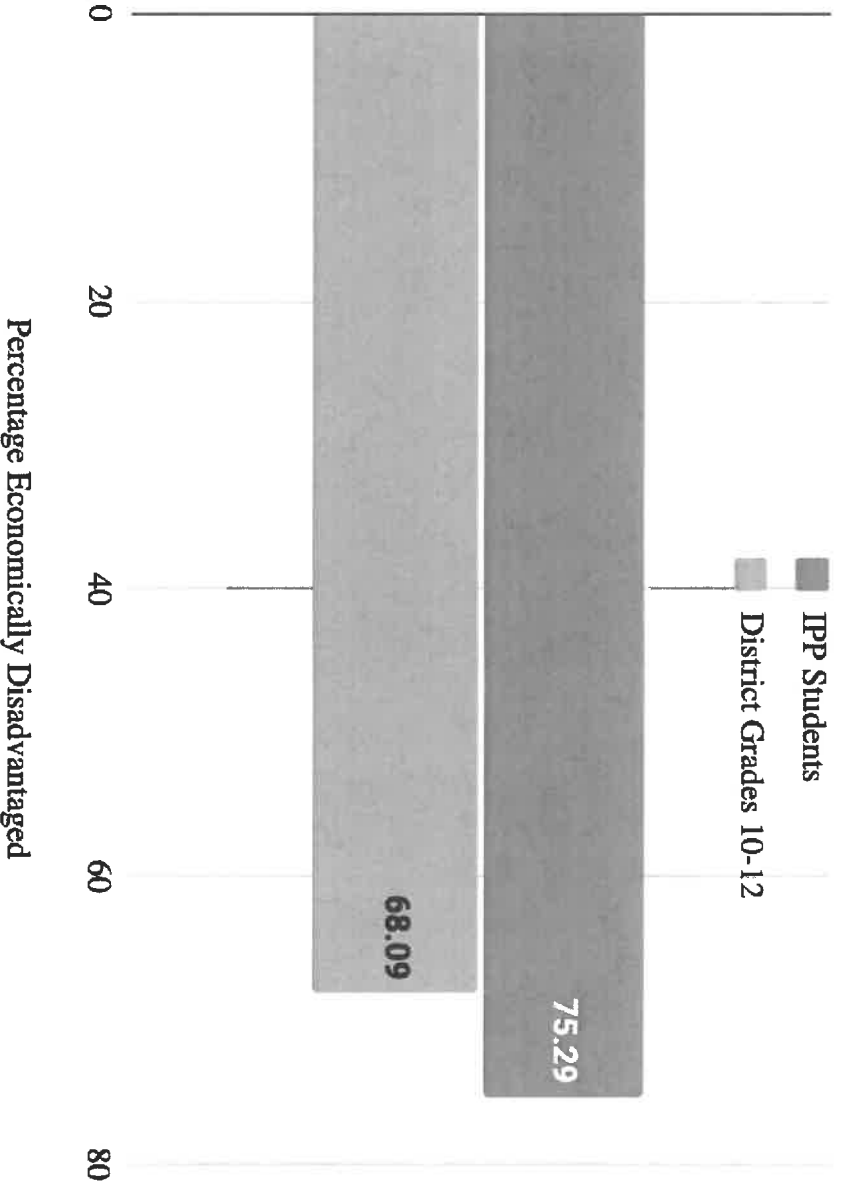


School	Applications	Enrollment
Burncoat	45	24
Claremont	20	14
Doherty	55	34
North	22	18
South	39	31
UPCS	11	9
TOTAL	192	134

Note: Student counts as of 11/04

Economic Disadvantage Comparison: Up from 67.78% last sy

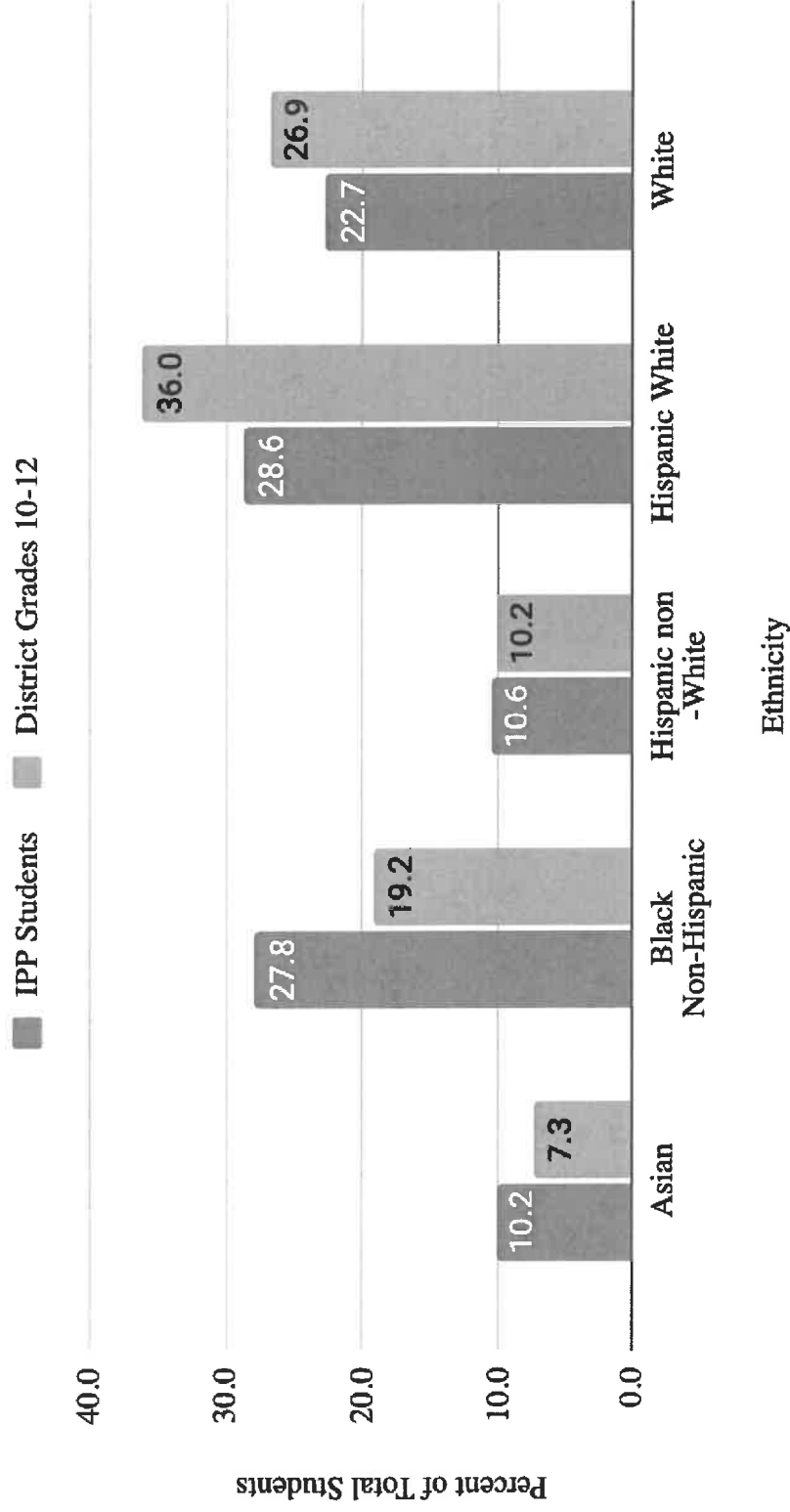
Economically Disadvantaged - IPP vs. District



Note: Student counts as of 11/04

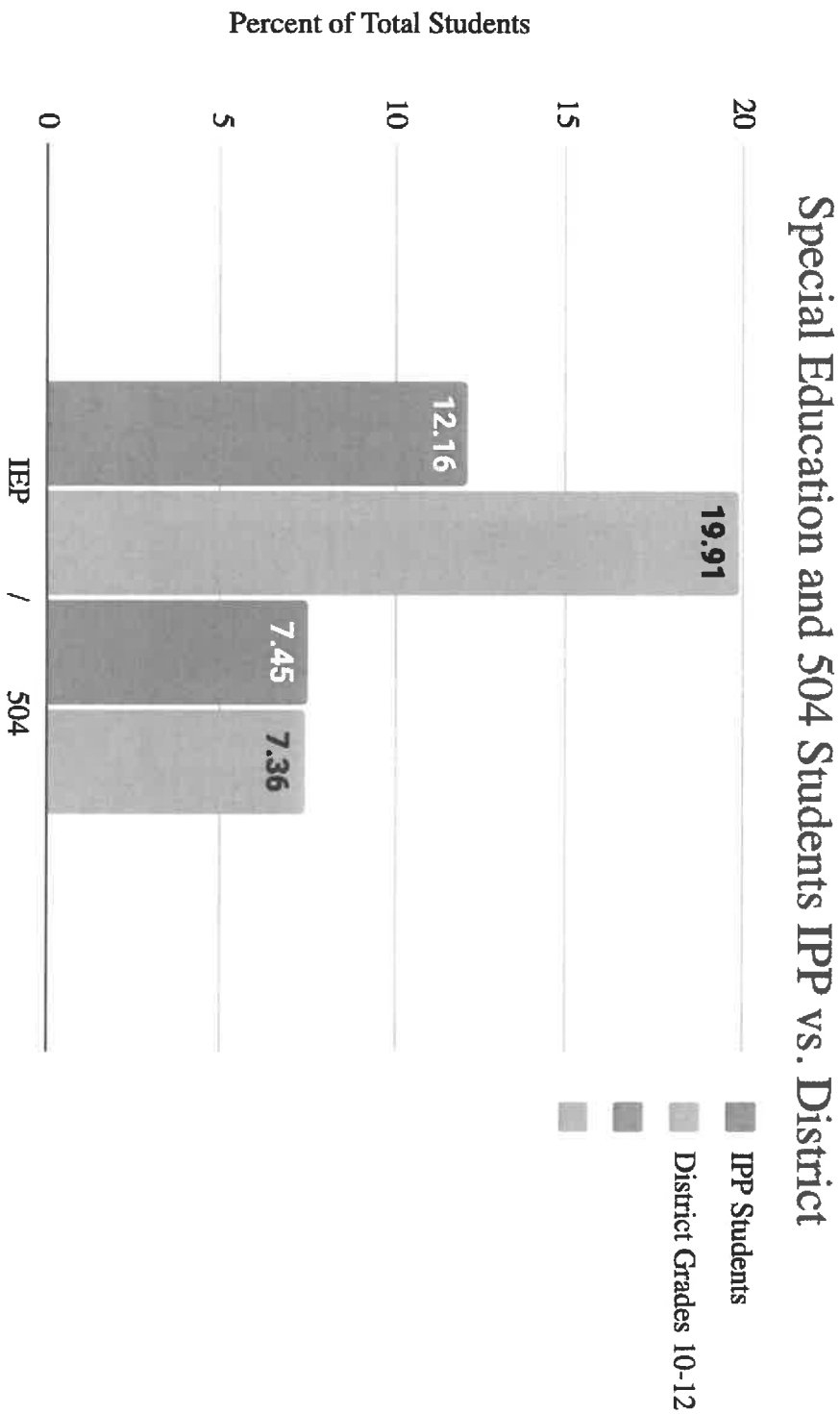
WPS IP - Enrollment by Ethnicity

Ethnic Breakdown of IPP vs. District Students



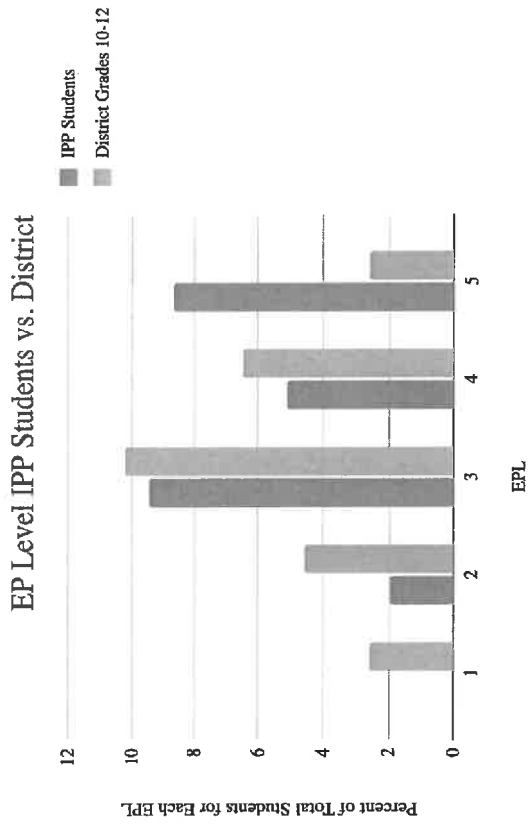
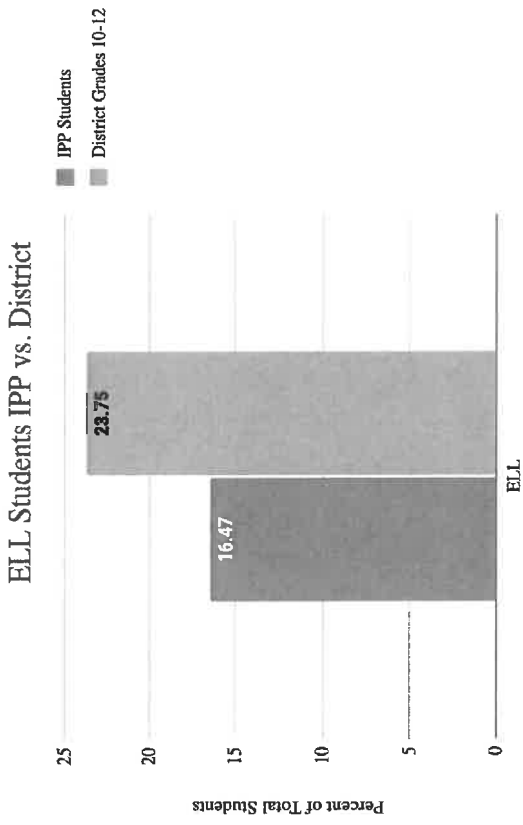
Note: Student counts as of 11/04

Special Education & 504 Comparison: almost identical to last year



Note: Student counts as of 11/04

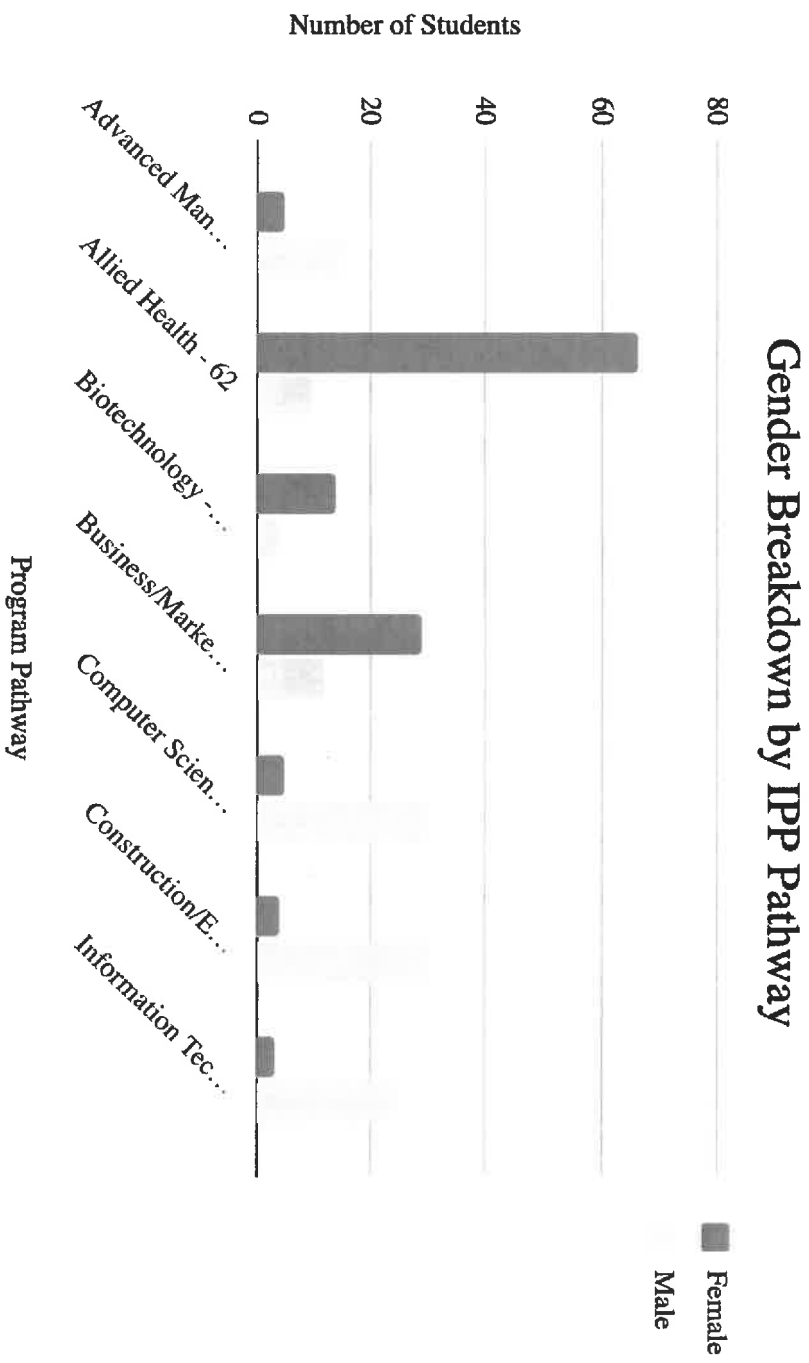
ELL Enrollment: ELL enrollment in IPP continues to drop compared to historic trend and falls short of district representation



2021/22 ELL IPP Enrollment 20.33%

Note: Student counts as of 11/04

Enrollment by Gender: Still have great disparity across programs but a close to even split for overall enrollment



Note: Student counts as of 11/16