

2020 Community Needs Assessment

Waubonsee Community College

11/1/2020

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BACKGROUND

In fall 2020, Waubonsee Community College's Office of Institutional Effectiveness surveyed a sample of households in the college's district to obtain information about their educational experiences and goals. This information is intended to help inform the college's programming and planning efforts.

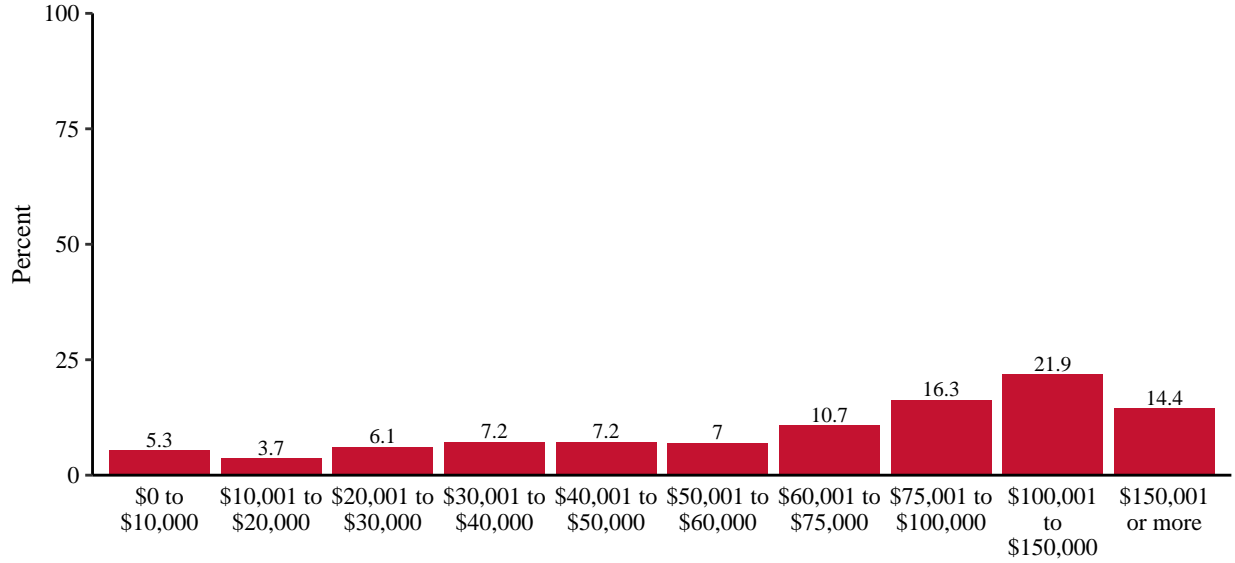
The survey was administered to a sample of 22,500 households selected from a sample frame that combines addresses from two sources: 1) current and former Waubonsee students and 2) property tax parcel lists obtained from county governments. Both data sources were filtered to include only those addresses that are located within Waubonsee's district boundaries. Each data source had limitations. The Waubonsee student data does not include households in which no member has ever enrolled in or applied to the College. The parcel records contain only one listing for multifamily parcels and may include some nonresidential parcels.

The survey team sent postcards to the selected households to invite them to participate in the survey. The postcard contained a QR code and URL that directed the respondent to an online survey developed in Qualtrics. The respondent was asked to provide 1) detailed work and educational experience about themselves, 2) educational experiences and goals for each adult household member (ages 17+), and 3) general household information.

HOUSEHOLD CHARACTERISTICS

Household Income

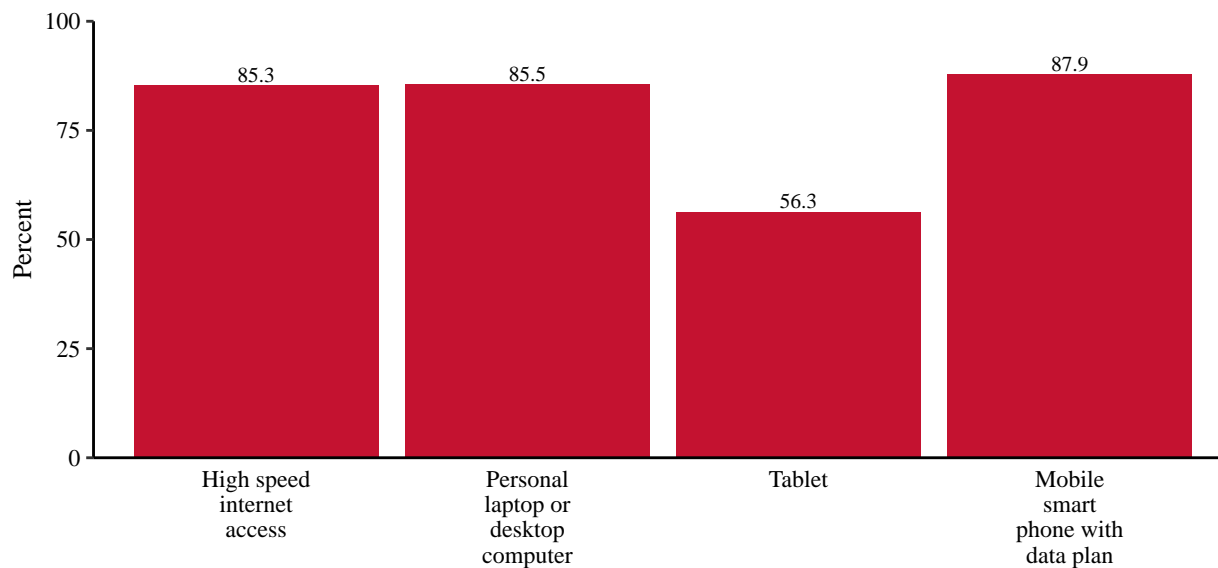
Survey question: In what range is your total annual household income?



Response	N	Percent
\$0 to \$10,000	20	5.3
\$10,001 to \$20,000	14	3.7
\$20,001 to \$30,000	23	6.1
\$30,001 to \$40,000	27	7.2
\$40,001 to \$50,000	27	7.2
\$50,001 to \$60,000	26	7.0
\$60,001 to \$75,000	40	10.7
\$75,001 to \$100,000	61	16.3
\$100,001 to \$150,000	82	21.9
\$150,001 or more	54	14.4

Technology Access

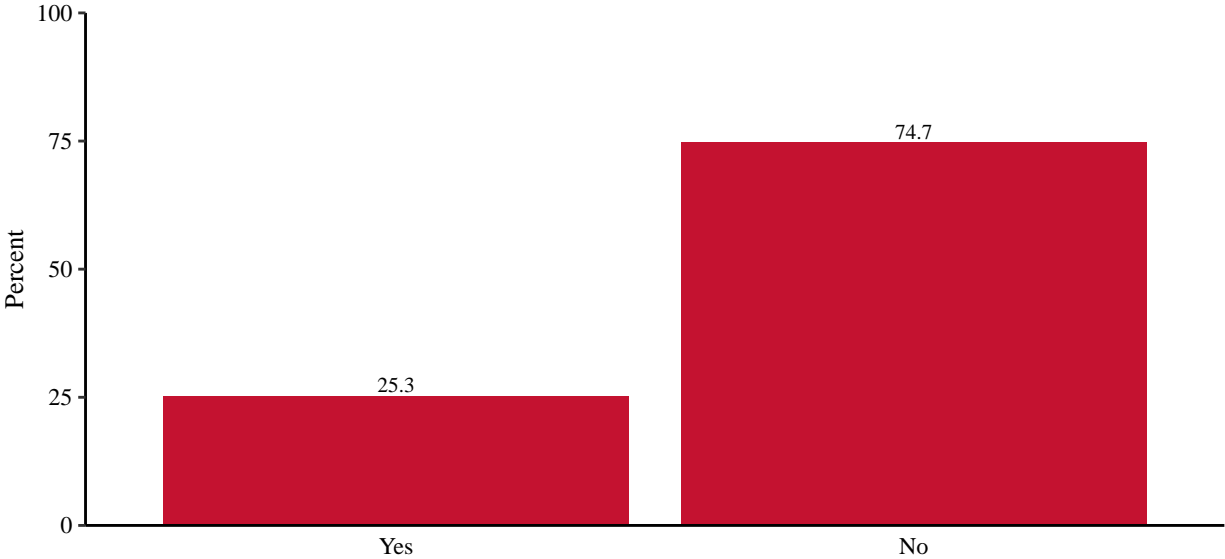
Survey question: What type of technology do any members of your household have access to at home?
(Check all that apply).



Response	N	Percent
High speed internet access	424	85.3
Personal laptop or desktop computer	425	85.5
Tablet	280	56.3
Mobile smart phone with data plan	437	87.9

Home Language

Survey question: Are languages other than English spoken in your home?

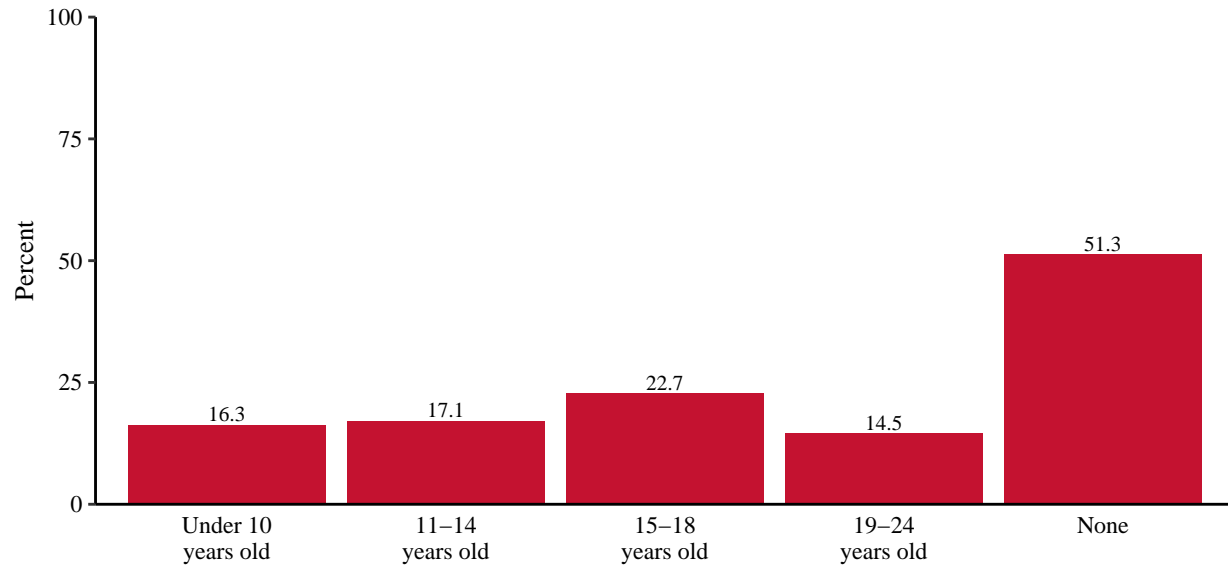


Response	N	Percent
No	370	74.7
Yes	125	25.3

Dependent Children

Survey question:

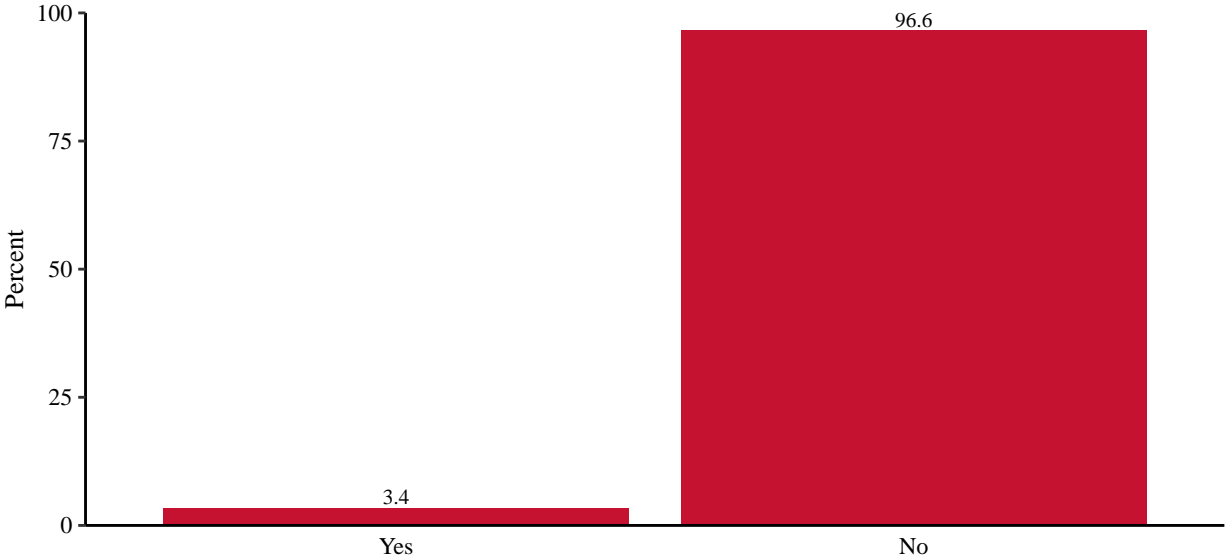
If you have dependent children living in your household, please indicate their age ranges using the categories below. (Check all that apply).



Response	N	Percent
Under 10 years old	81	16.3
11-14 years old	85	17.1
15-18 years old	113	22.7
19-24 years old	72	14.5
None	255	51.3

Waubonsee Employees

Survey question: Is anyone in your household currently employed at Waubonsee Community College?

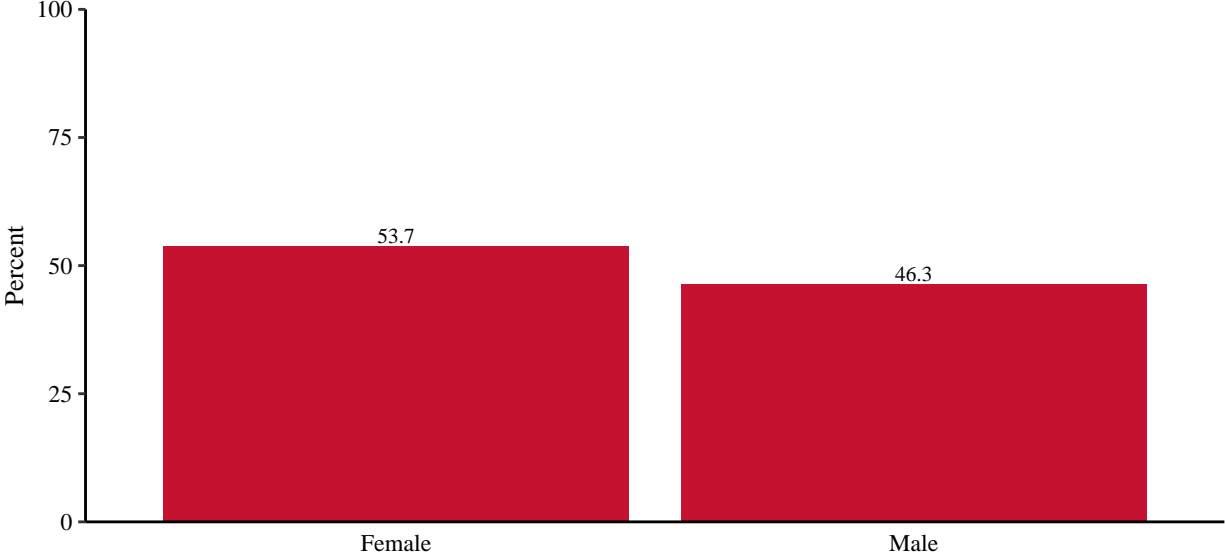


Response	N	Percent
No	455	96.6
Yes	16	3.4

ADULT HOUSEHOLD MEMBER CHARACTERISTICS

Gender

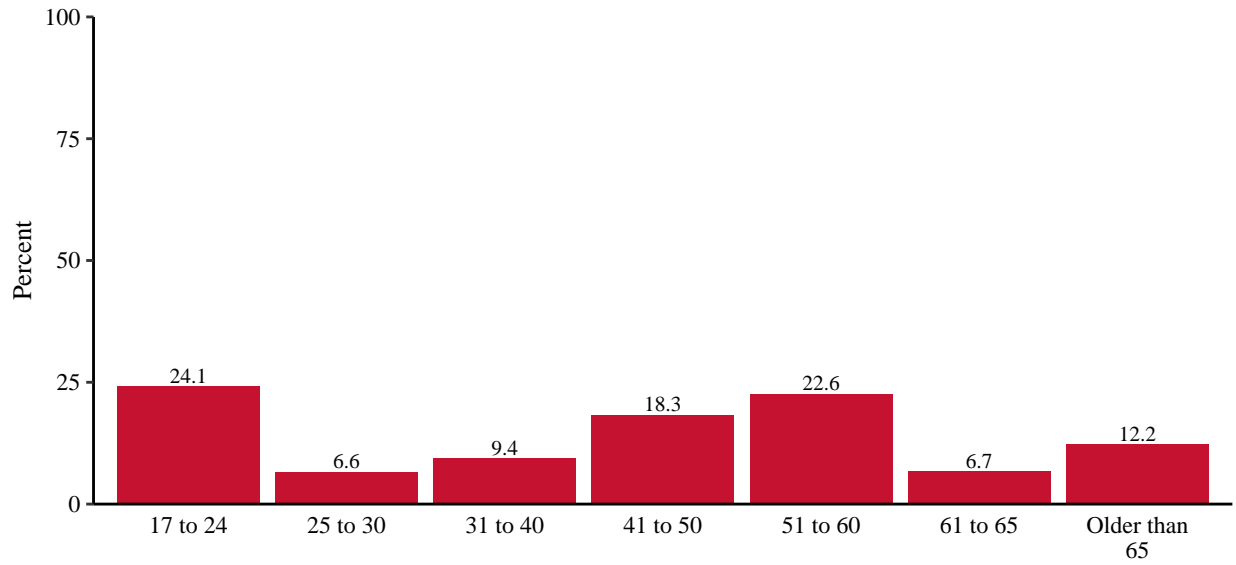
Survey question: Please indicate the gender of each adult household member.



Response	N	Percent
Female	622	53.7
Male	536	46.3

Age

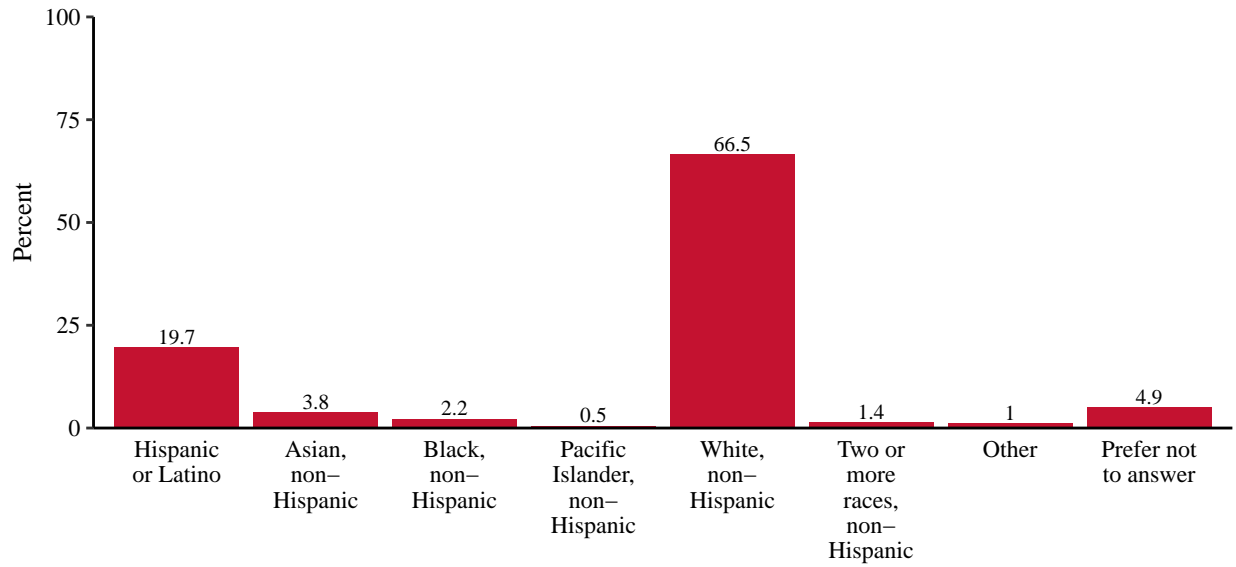
Survey question: Please indicate the age of each adult household member.



Age	#	%
17 to 24	279	24.1
25 to 30	77	6.6
31 to 40	109	9.4
41 to 50	212	18.3
51 to 60	262	22.6
61 to 65	78	6.7
Older than 65	141	12.2

Race/Ethnicity

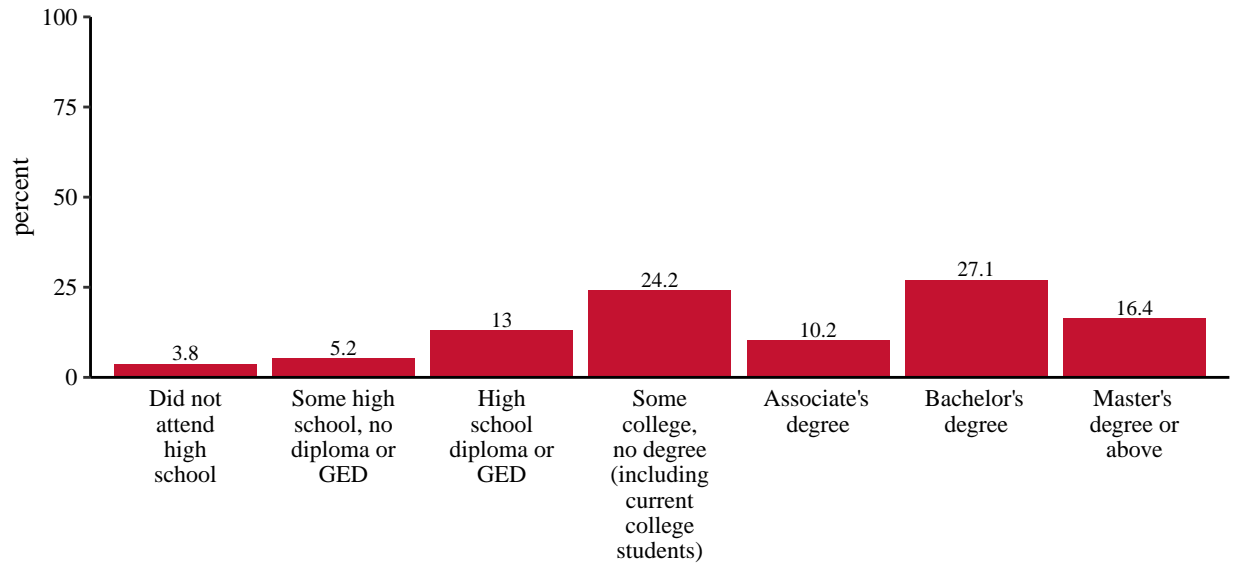
Survey question: Please indicate the race or ethnicity of each adult household member.



Response	N	Percent
Hispanic or Latino	228	19.7
Asian, non-Hispanic	44	3.8
Black, non-Hispanic	26	2.2
Pacific Islander, non-Hispanic	6	0.5
White, non-Hispanic	769	66.5
Two or more races, non-Hispanic	16	1.4
Other	11	1.0
Prefer not to answer	57	4.9

Educational Attainment

Survey question: Please indicate the educational attainment level of each adult household member.



Response	#	%
Did not attend high school	39	3.8
Some high school, no diploma or GED	54	5.2
High school diploma or GED	134	13.0
Some college, no degree (including current college students)	249	24.2
Associate's degree	105	10.2
Bachelor's degree	279	27.1
Master's degree or above	169	16.4

COVID-19

Waubonsee's Response to COVID-19

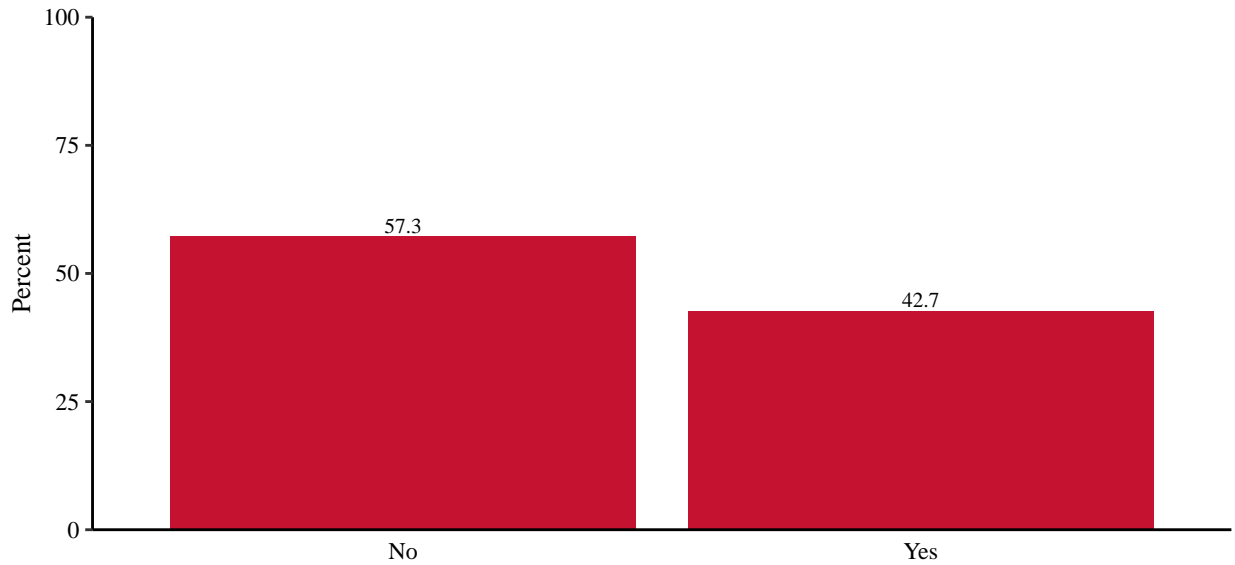
Survey question: Please indicate how much {Name} agrees or disagrees with the following statements about Waubonsee:

Statement	Strongly agree	Agree	Neutral	Disagree	Strongly disagree
Waubonsee has done a good job protecting students from the negative health consequences of COVID-19.	48.8	46.3	4.9	0	0
Waubonsee has done a good job helping students adapt to the changes at the institution brought on by the spread of COVID-19.	57.9	34.2	7.9	0	0
Waubonsee staff and administration have shown care and concern for me as they respond to COVID-19.	61.5	30.8	7.7	0	0
Waubonsee faculty have shown care and concern for me as they make changes in their courses in response to COVID-19.	61.5	33.3	5.1	0	0
I know who to contact if I have questions about how changes at Waubonsee due to COVID-19 will affect my educational plans.	35.0	32.5	12.5	20	0

Educational Plans

Survey question:

Has the COVID-19 pandemic caused {Name} to reevaluate their education plans?



	17 to 24	25+	17 to 24 (Percent)	25+ (Percent)
No	88	116	53.7	60.4
Yes	76	76	46.3	39.6

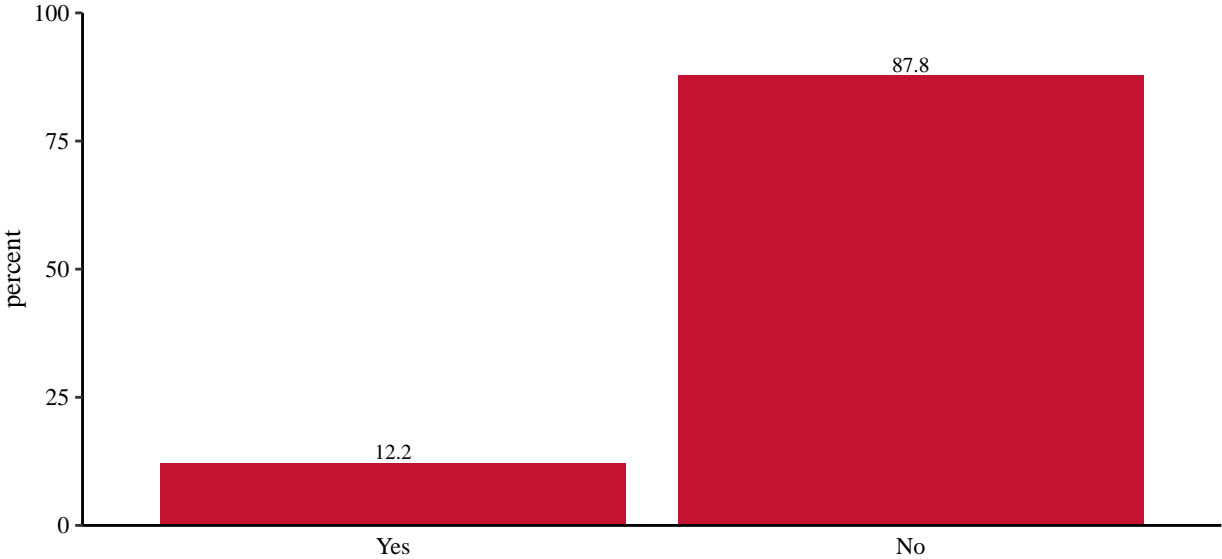
Followup question for those responding “Yes”: Please explain below how the COVID-19 pandemic has caused {Name} to reevaluate their education plans.

Among the 56 responses to this question, common themes included:

- Delayed or paused enrollment in postsecondary education (7 responses)
- Expressed hesitation about taking online classes (9 responses)
- Expressed hesitation about taking in-person classes (5 responses)
- Enrolled at or is considering enrolling at a 2-year institution instead of a 4-year institution (5 responses)

Career Plans

Survey question: Are you considering a career change due to the COVID-19 pandemic?



Response	#	%
Yes	48	12.2
No	344	87.8

The following question was asked of respondents who answered “Yes” to the previous question.

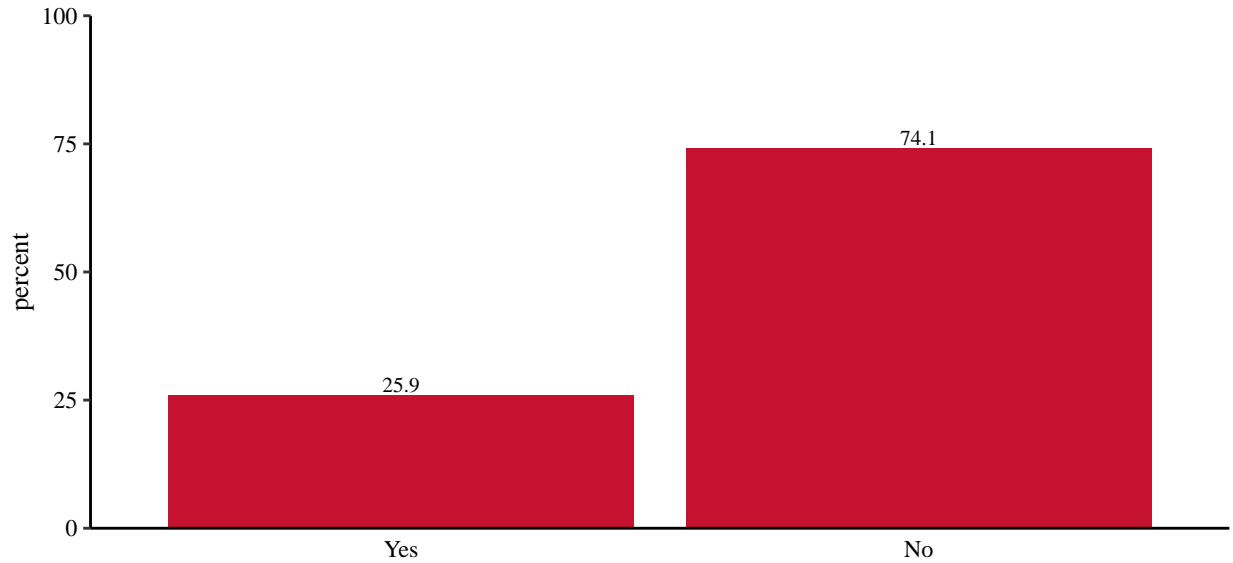
Survey question: Please describe what careers you are currently considering due to the COVID-19 pandemic.

Open text field responses
Social work; writer
unsure
Social work, essential work
CAD/Engineering vs Manufacturing
Remote Work
Business Management, office administration
Took your contact tracer course
Paralegal
communications or architecture and design
I would like to help working families. Perhaps in day care, helping kids do online learning, or emotional support.
Retail, Retail Merchandising, Account Management
not sure
IT an/or Health-related options
Something in a lab, in a science field.
Public service or healthcare
Radiology
unknown
Retail or customer service
parapro
Website
MULTIPLE
Public administration
Information technology related work for ZS
health
Quit job,
Amazon
Technical Writer
IT
Air Force
Data Analyst, Business Analyst
Can I find a job at all
Information Technology, clerical, bookkeeping,
remote, flexible jobs
Home Inspector
High School Psychology teacher
Health care and public safety medicine,nursing and economics
IT
Medical coding or PT
Undecided
psych
Career including marketing
A career with the education I'm pursuing but a job that bring money into the table .
careers where you can work from home
Xray / MRI
Nurse
Health care
Yes

Layoffs Due to COVID-19

Respondents who indicated that they were not employed were asked the following question.

Survey question: Is your employment status a result of being laid-off due to the COVID-19 pandemic?



Survey question: In what industry did you work?

The table below summarizes responses for those who answered Yes to the previous question.

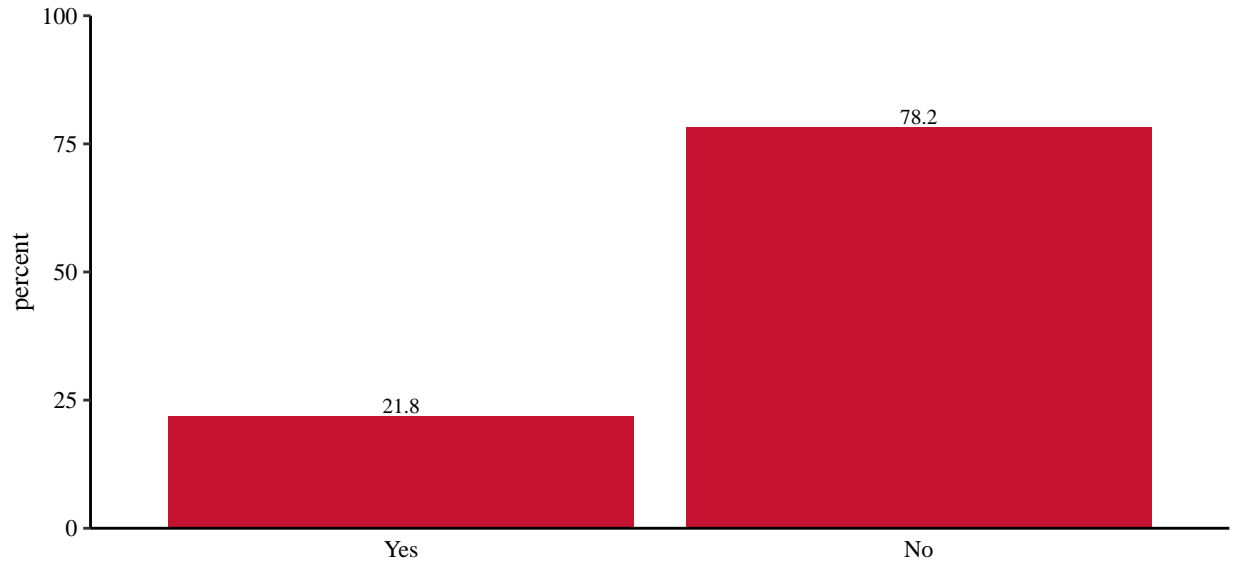
Response	%
K-12 Schools	14.3
Education (non-K-12)	14.3
Manufacturing	14.3
Other, please specify:	14.3
Healthcare & Pharmaceuticals (non-Hospitals)	7.1
Arts, Media, and Entertainment	7.1
Government	7.1
Professional Services (Legal, consulting, etc.)	7.1
Information Technology	7.1
Transportation, Utilities, and Wholesale Trade	7.1

Responses for "Other, please specify"
Amazon Warehouse
Pastor

Reduced Hours Due to COVID-19

Respondents who indicated that they were employed part or full time were asked the following question.

Survey question: Have your hours been reduced by your employer due to the COVID-19 pandemic?



Survey question: Which of the following best describes the industry in which you currently work?

The table below summarizes responses for those who answered Yes to the previous question.

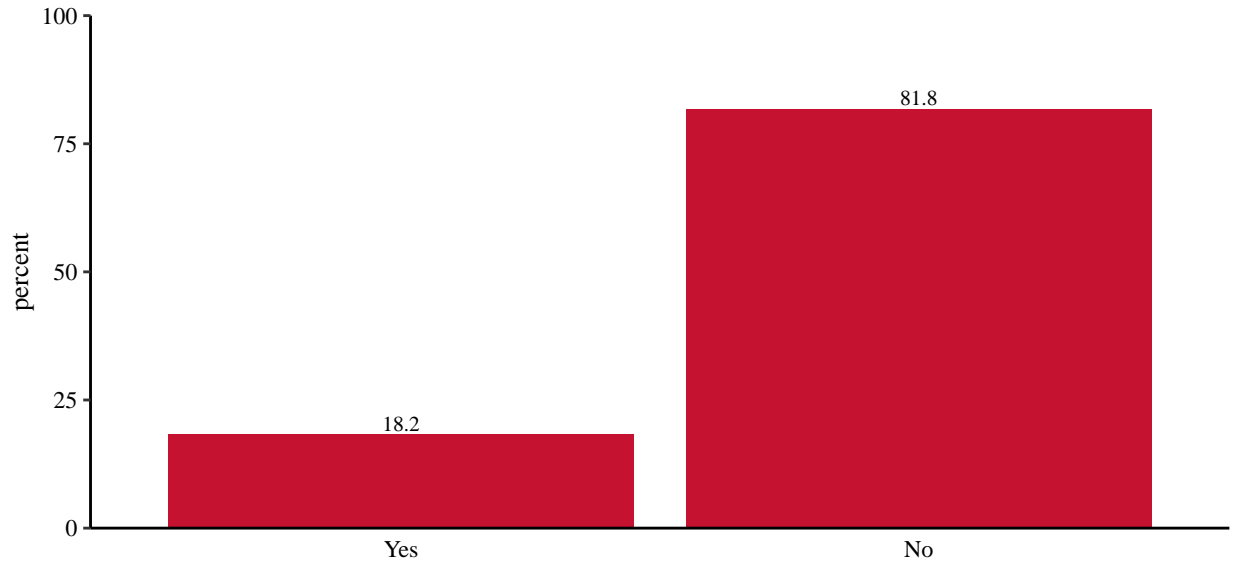
Response	%
Other, please specify	25.5
Retail, Restaurant, and Hospitality	19.6
Healthcare & Pharmaceuticals (non-Hospitals)	11.8
K-12 Schools	7.8
Hospital	5.9
Education (non-K-12)	5.9
Manufacturing	5.9
Professional Services (Legal, Consulting, etc.)	5.9
Government	3.9
Transportation, Utilities, and Wholesale Trade	3.9
Construction	2.0
Information Technology and Telecommunications	2.0

Responses for "Other, please specify"
Public library
House cleaning
Health & Fitness
marketing
Sports
Delivery
nanny
Library
Teaching swim lessons
Social Service - Special Recreation
Warehouse
Customer Service
Hairstylist

Other Household Members Who Have Been Laid Off Due to COVID-19

Respondents who indicated that there were other adults in their household were asked the following question.

Survey question: Has anyone in your household, other than yourself, been laid-off due to the COVID-19 pandemic?



Survey question: In what industry does the household member who was laid-off due to COVID-19 work?

The table below summarizes responses for those who answered Yes to the previous question.

Response	%
Other, please specify:	24.1
Retail, Restaurant, and Hospitality	22.4
Manufacturing	15.5
K-12 Schools	13.8
Construction	5.2
Information Technology	5.2
Healthcare and Pharmaceuticals (non-Hospitals)	3.4
Education (non-K-12)	3.4
Arts, Media, and Entertainment	1.7
Financial and Insurance	1.7
Professional Services (Legal, consulting, etc.)	1.7
Transportation, Utilities, and Wholesale Trade	1.7

Responses for "Other, please specify"

Childcare

fitness

Non for profit

HVAC

Sales

Auto dealership

Engineering

Hair styling

Engineering

social services

Business-sales

Ware house

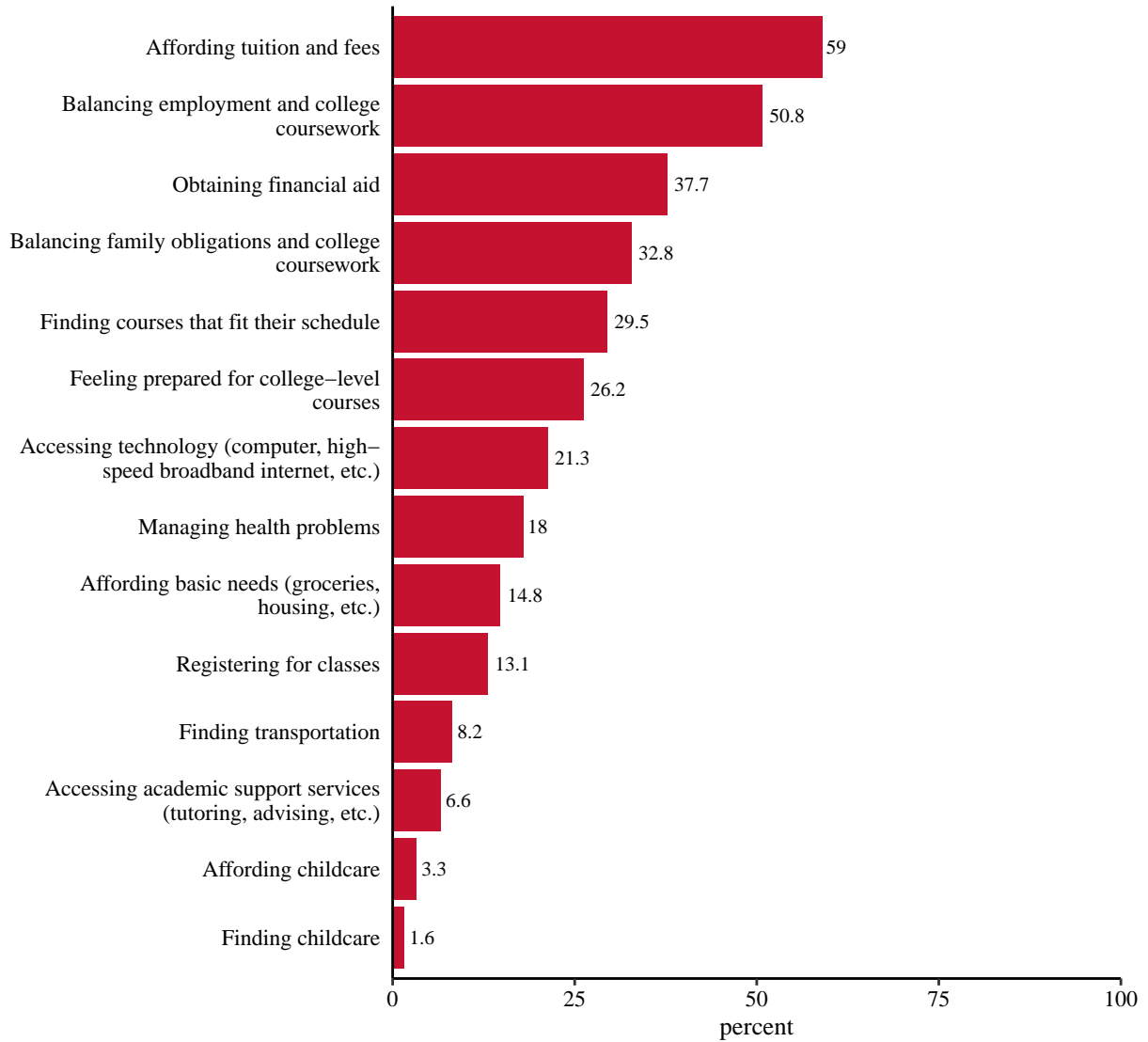
retail

insurancs

EDUCATIONAL CHALLENGES

Continuing College Students

Survey question: Thinking about their time as a college student. Did {Name} have challenges in any of the following areas? (Check all that apply).



N-size: 61

Responses by age group

Response	17 to 24 (%)	25+ (%)
Accessing academic support services (tutoring, advising, etc.)	8	0.0
Accessing technology (computer, high-speed broadband internet, etc.)	24	9.1
Affording basic needs (groceries, housing, etc.)	16	9.1
Affording childcare	0	18.2
Affording tuition and fees	60	54.5
Balancing employment and college coursework	48	63.6
Balancing family obligations and college coursework	24	72.7
Feeling prepared for college-level courses	22	45.5
Finding childcare	0	9.1
Finding courses that fit their schedule	22	63.6
Finding transportation	6	18.2
Managing health problems	16	27.3
Obtaining financial aid	38	36.4
Registering for classes	12	18.2

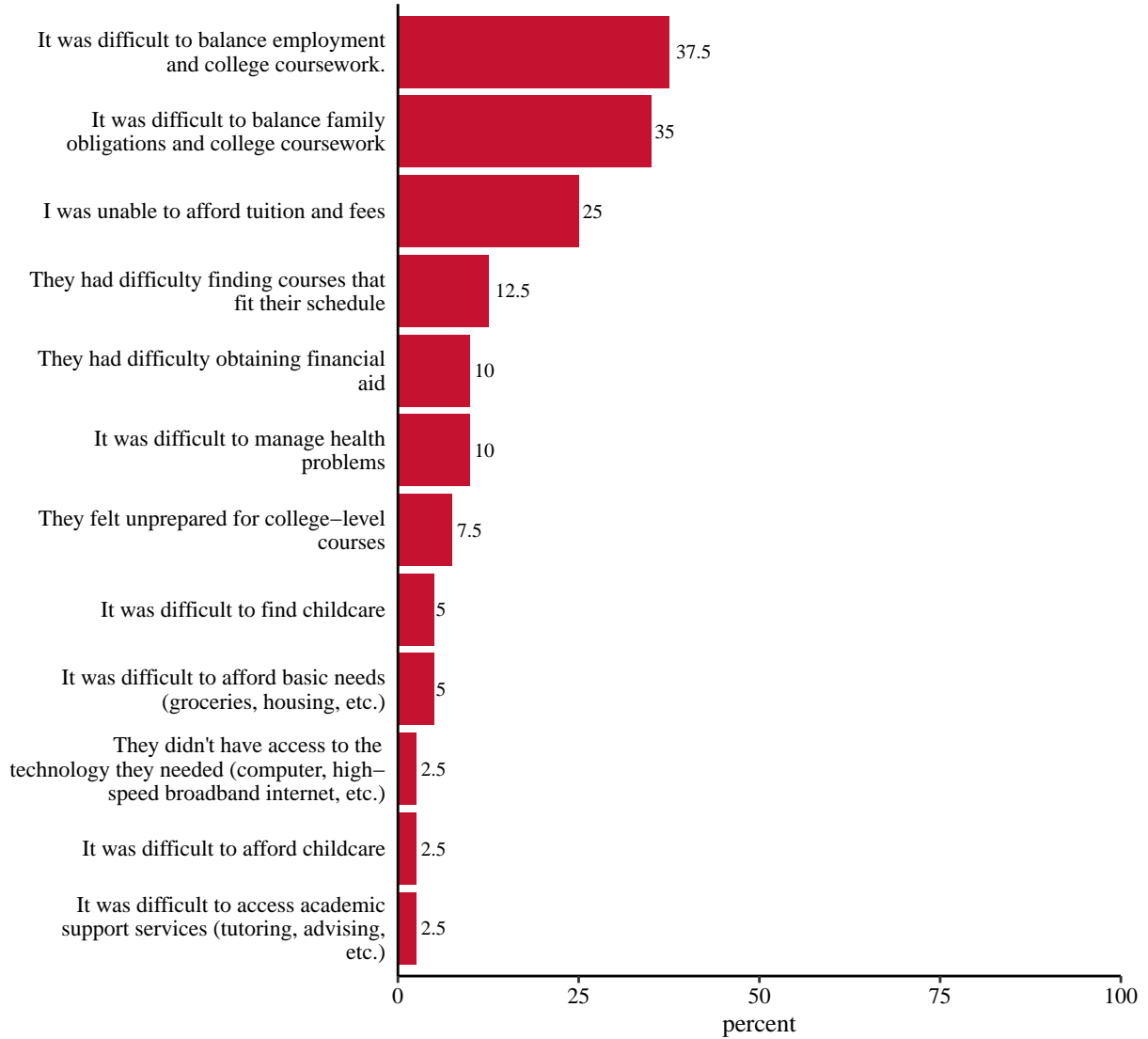
Note:

N-size, ages 17 to 24: 50

N-size, ages 24 and older: 11

Stopouts

Survey question: Which of the following were factors in {Name}'s decision to leave college before completing their program? (Check all that apply).



N-size: 40

Responses by age group

Response	17 to 24 (%)	25+ (%)
I was unable to afford tuition and fees	50	23.7
It was difficult to access academic support services (tutoring, advising, etc.)	0	2.6
It was difficult to afford basic needs (groceries, housing, etc.)	0	5.3
It was difficult to afford childcare	0	2.6
It was difficult to balance employment and college coursework.	0	39.5
It was difficult to balance family obligations and college coursework	0	36.8
It was difficult to find childcare	0	5.3
It was difficult to manage health problems	0	10.5
They didn't have access to the technology they needed (computer, high-speed broadband internet, etc.)	0	2.6
They felt unprepared for college-level courses	50	5.3
They had difficulty finding courses that fit their schedule	0	13.2
They had difficulty obtaining financial aid	0	10.5

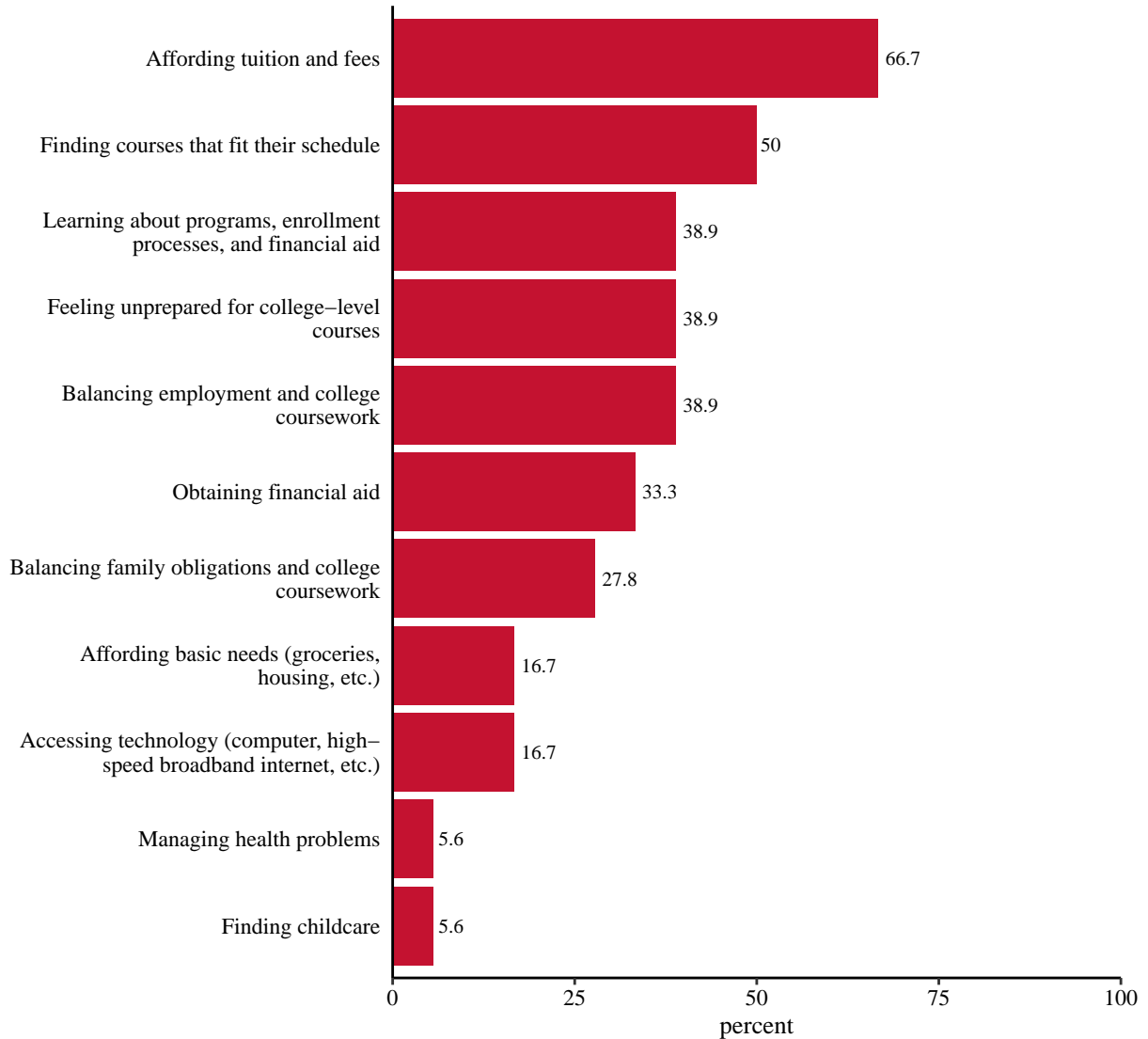
Note:

N-size, ages 17 to 24: 2

N-size, ages 24 and older: 38

Non-students who are considering enrolling

Survey question: As {Name} thinks about enrolling in and taking college courses, what challenges do they face or do they anticipate facing? (Check all that apply).



N-size: 18

Responses by age group

Response	17 to 24 (%)	25+ (%)
Accessing technology (computer, high-speed broadband internet, etc.)	9.1	28.6
Affording basic needs (groceries, housing, etc.)	18.2	14.3
Affording tuition and fees	63.6	71.4
Balancing employment and college coursework	36.4	42.9
Balancing family obligations and college coursework	18.2	42.9
Feeling unprepared for college-level courses	27.3	57.1
Finding childcare	9.1	0.0
Finding courses that fit their schedule	27.3	85.7
Learning about programs, enrollment processes, and financial aid	45.5	28.6
Managing health problems	0.0	14.3
Obtaining financial aid	36.4	28.6

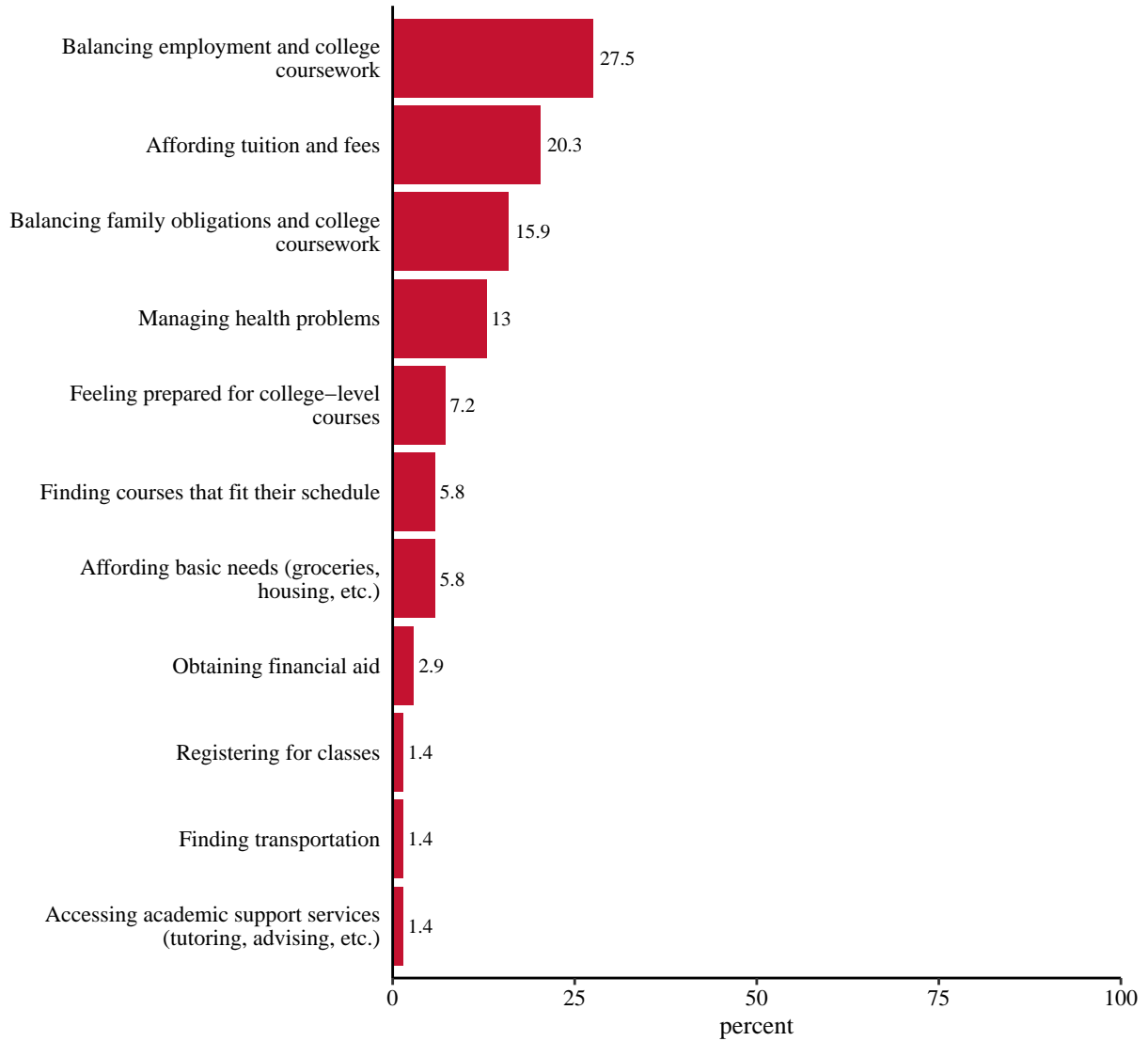
Note:

N-size, ages 17 to 24: 11

N-size, ages 24 and older: 7

Non-students who are not considering enrolling

Survey question: Are any of the following challenges a reason why {Name} is not currently pursuing college courses? (Check all that apply).



N-size: 69

Responses by age group

Response	17 to 24 (%)	25+ (%)
Affording tuition and fees	33.3	16.7
Balancing employment and college coursework	40.0	24.1
Balancing family obligations and college coursework	6.7	18.5
Affording basic needs (groceries, housing, etc.)	6.7	5.6
Managing health problems	13.3	13.0
Feeling prepared for college-level courses	13.3	5.6
Accessing academic support services (tutoring, advising, etc.)	6.7	0.0
Obtaining financial aid	6.7	1.9
Finding courses that fit their schedule	0.0	7.4
Finding transportation	6.7	0.0
Registering for classes	0.0	1.9

Note:

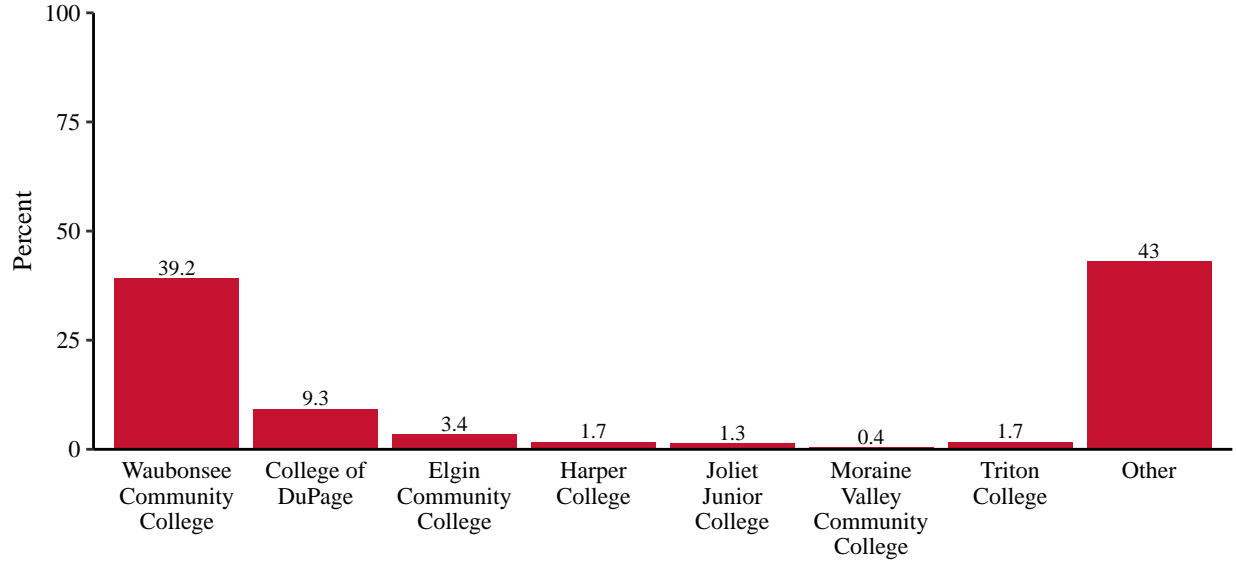
N-size, ages 17 to 24: 15

N-size, ages 24 and older: 54

WAUBONSEE GRADUATES

Associate's Degrees by Institution

Survey question: Where was {Name}'s Associate's degree earned?



Response	N	Percent
Waubonsee Community College	93	39.2
College of DuPage	22	9.3
Elgin Community College	8	3.4
Harper College	4	1.7
Joliet Junior College	3	1.3
Moraine Valley Community College	1	0.4
Triton College	4	1.7
Other	102	43.0

Degree Program

Survey question: What type of Associate's degree did {Name} earn at Waubonsee?

Response	#	%
AS Associate in Science [AS01]	9	11.0
AA Associate in Arts [AA00]	23	28.0
AS Associate in Science [AS00]	19	23.2
AAS Accounting [010A]	2	2.4
AAS Business Administration [130C]	8	9.8
AGS General Studies [GS10]	8	9.8
AAS Interpreter Training [660A]	1	1.2
AAS Automotive Technology [710A]	2	2.4
AAS CAD-Computer-Aided Des/Drf [200A]	2	2.4
AFA Fine Arts-Music Performanc [AFA3]	1	1.2
AAS Interpreter Training [660B]	1	1.2
AES Engineering Science [AES1]	1	1.2
AFA Fine Arts-Art [AFA1]	1	1.2
AAS Criminal Justice [550B]	4	4.9

Satisfaction with Waubonsee education

Survey question: To the best of your knowledge, please tell us the extent to which {Name} agrees or disagrees with the following statements.

Statement	Strongly agree (%)	Agree (%)	Neutral (%)	Disagree (%)	Strongly disagree (%)
Waubonsee prepared me for a four-year institution.	56.8	31.8	11.4	NA	NA
Waubonsee's curriculum prepared me for my current job.	44.6	31.1	18.9	5.4	NA
Waubonsee professors' instruction prepared me for my current job.	42.7	29.3	20.0	8.0	NA
Waubonsee prepared me to use cutting-edge technology for my current job.	35.7	24.3	27.1	12.9	NA

Post-graduation Outcomes for Waubonsee Graduates

Educational attainment (all adults)

After completing an associate's degree at Waubonsee, what level of education do graduates later obtain?

Educational attainment level	#	%
Associate's degree only	69	74.2
Associate's degree, currently enrolled elsewhere	14	15.1
Bachelor's degree	9	9.7
Master's degree or above	1	1.1

Employment status (respondents only)

What is the current employment status of individuals who earned an associate's degree at Waubonsee?

Employment status	#	%
Employed full-time (35 hours or more per week)	17	42.5
Employed part-time (less than 35 hours per week)	6	15.0
Retired	7	17.5
Full-time student	4	10.0
Not employed, but looking for employment	3	7.5
Not employed and not looking for employment	3	7.5

Field of employment (respondents only)

In which fields are individuals who earned an associate's degree at Waubonsee currently employed?

Field of employment	#	%
Hospital	2	8.7
Healthcare & Pharmaceuticals (non-Hospitals)	1	4.3
K-12 Schools	3	13.0
Education (non-K-12)	4	17.4
Retail, Restaurant, and Hospitality	7	30.4
Other, please specify	6	26.1

POTENTIAL STUDENTS

Degree-holders thinking of taking additional classes

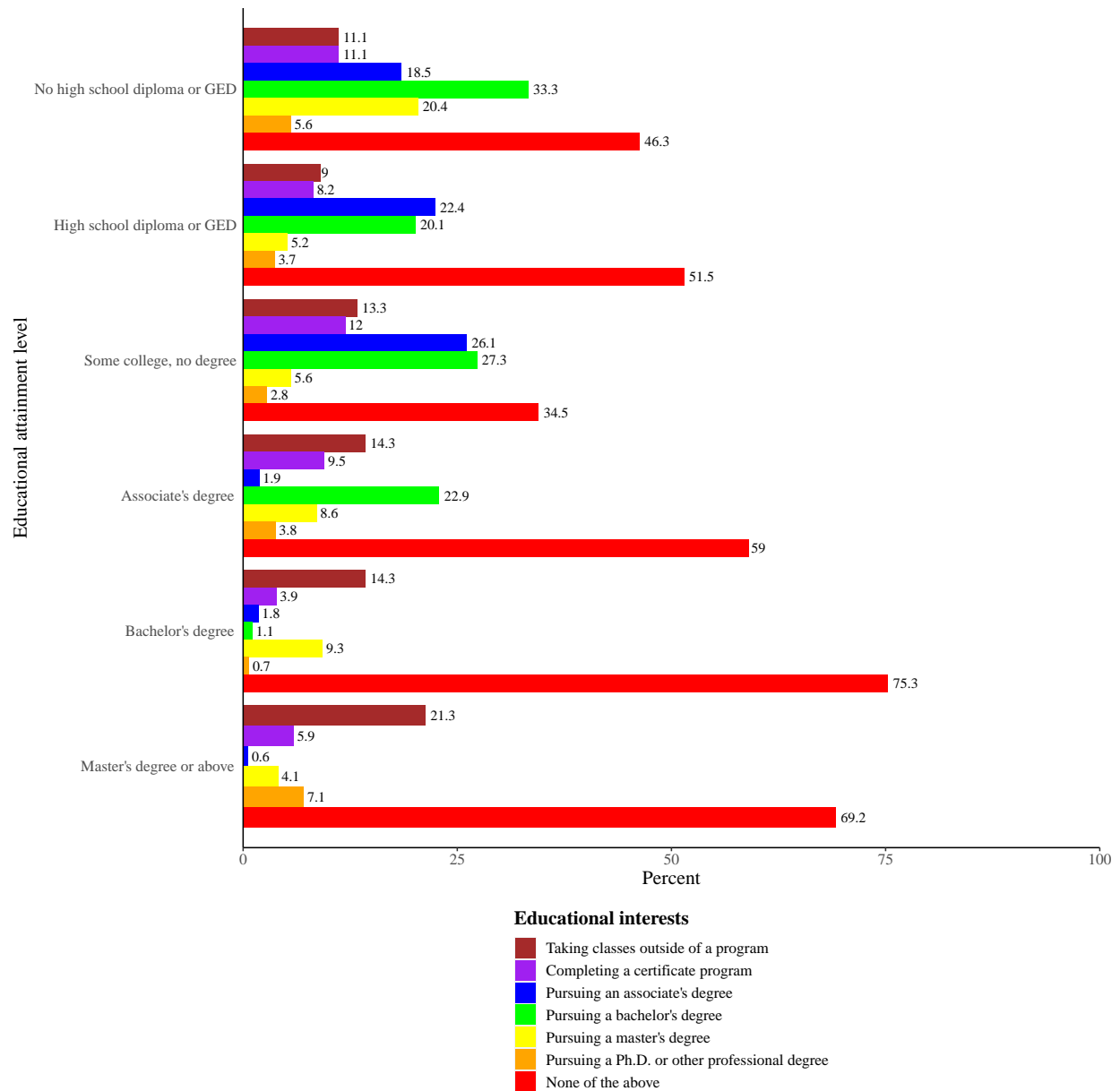
Survey question: Is {Name} thinking about taking additional college courses?

Educational attainment	Yes (#)	No (#)	Yes (%)	No (%)
Associate's degree	44	61	41.9	58.1
Bachelor's degree	69	206	25.1	74.9
Master's degree or above	51	114	30.9	69.1

Adult household members interested in further postsecondary education

All adults

Survey question: To the best of your knowledge which of the following is {Name} actively pursuing or considering at some point in the future? (Check all that apply).



Educational attainment	Taking a few classes outside of a degree program (%)	Completing a certificate program (%)	Pursuing an associate's degree (%)	Pursuing a bachelor's degree (%)	Pursuing a master's degree (%)	Pursuing a Ph.D. or other professional degree (%)	None of the above (%)	Number of Respondents (#)
Some high school, no diploma or GED	11.1	11.1	18.5	33.3	20.4	5.6	46.3	44
High school diploma or GED	9.0	8.2	22.4	20.1	5.2	3.7	51.5	111
Some college, no degree (including current college students)	13.3	12.0	26.1	27.3	5.6	2.8	34.5	199
Associate's degree	14.3	9.5	1.9	22.9	8.6	3.8	59.0	95
Bachelor's degree	14.3	3.9	1.8	1.1	9.3	0.7	75.3	252
Master's degree or above	21.3	5.9	0.6	NA	4.1	7.1	69.2	156

Adults ages 17 to 24

Educational attainment	Taking a few classes outside of a degree program (%)	Completing a certificate program (%)	Pursuing an associate's degree (%)	Pursuing a bachelor's degree (%)	Pursuing a master's degree (%)	Pursuing a Ph.D. or other professional degree (%)	None of the above (%)	Total respondents (#)
Some high school, no diploma or GED	11.1	11.1	22.2	50.0	27.8	5.6	25.0	82
High school diploma or GED	8.2	11.5	47.5	42.6	11.5	8.2	24.6	140
Some college, no degree (including current college students)	7.4	11.6	41.1	57.9	14.7	7.4	4.2	228
Associate's degree	17.6	5.9	11.8	58.8	23.5	17.6	17.6	40
Bachelor's degree	NA	NA	7.1	NA	42.9	NA	42.9	21
Master's degree or above	NA	NA	NA	NA	NA	NA	50.0	2

Adults ages 25 and older

Educational attainment	Taking a few classes outside of a degree program (%)	Completing a certificate program (%)	Pursuing an associate's degree (%)	Pursuing a bachelor's degree (%)	Pursuing a master's degree (%)	Pursuing a Ph.D. or other professional degree (%)	None of the above (%)	Total respondents (#)
Some high school, no diploma or GED	11.1	11.1	11.1	NA	5.6	5.6	88.9	26
High school diploma or GED	9.6	5.5	1.4	1.4	NA	NA	74.0	86
Some college, no degree (including current college students)	16.9	12.3	16.9	8.4	NA	NA	53.2	238
Associate's degree	13.6	10.2	NA	15.9	5.7	1.1	67.0	129
Bachelor's degree	15.1	4.2	1.5	1.1	7.5	0.8	77.0	345
Master's degree or above	21.6	6.0	0.6	NA	4.2	7.2	69.5	233

Adults ages 17 to 24, collapsed edu. attainment categories

Adults ages 25 and older, collapsed edu. attainment categories

GED, ESL, AND OTHER COMMUNITY PROGRAMS

GED Programs

Survey question: Are you or anyone else in your household interested in taking a GED course that leads to a high school diploma equivalent?

Response	#	%
Yes	15	25
No	45	75

Survey question: How familiar are you, or anyone in your household, with Waubonsee's GED courses?

Response	#	%
Very familiar	3	20.0
Somewhat familiar	5	33.3
Somewhat unfamiliar	1	6.7
Not at all familiar	6	40.0

ESL Programs

Survey question: Is anyone in your household interested in taking an English as a second language (ESL) course or English Language Acquisition (ELA) course??

Response	#	%
Yes	16	19.3
No	67	80.7

Survey question:

How familiar are you (or other household members) with the English as a Second Language (ESL) courses offered at Waubensee Community College?

Response	#	%
Very familiar	6	37.5
Somewhat familiar	4	25.0
Somewhat unfamiliar	2	12.5
Not at all familiar	4	25.0

Adult Community Programs

Survey question: As far as you, know what type of community programs are adult members (18 and older) of your household interested in?

Response	#	%
Personal enrichment (non-college credit courses in photography, music, etc.)	185	69.5
Professional development and job skills courses (non-college credit courses)	122	45.9
Fitness and health courses	115	43.2
Other, please specify:	23	8.6

Suggested programs
Automotive
Church Groups
community education
Foreign Language
Foreign language study
Ged
GED
General interest
German, Photography for credit courses
HVAC Certificate
Language courses (Japanese or German)
Learning a second language
LLI
Maker Lab with open lab time and available instructors
Non-credit computer (Windows) and software (Office) upgrade training
One-time speakers
Online chair yoga
photography
Spanish
SPANISH
Spanish language
Summer typing course for kids (last question)
Technology for childless seniors

Children’s Community Programs

Survey question: As far as you know, what type community programs are the children in your household interested in?

Response	#	%
Computer programming	51	30.5
Art	62	37.1
Science, Technology, Engineering, and Mathematics (STEM) programs	79	47.3
Other, please specify:	28	16.8
None of the above	45	26.9

Suggested programs
Agriculture
Automotive
Autos
biology/anatomy
Business
Business, economics
Coding, Spanish
Construction Spanish sign language auto
criminology
Culinary
culinary arts
dance
english
Film production
I Janere
Insurance sales
Mechanics
Music
Oswego Police Explorers Program
Political Science, Accounting, Secondary Education
Riding horses, foreign languages
Social services, mental healthcare
Spanish Language
Sports
Sports
Theatre
World culture, foreign language
zoology

EMPLOYMENT

Employment Status (Respondent)

Survey question: What is your current employment status?

Response	#	%
Employed full-time (35 hours or more per week)	164	41.8
Employed part-time (less than 35 hours per week)	70	17.9
Retired	72	18.4
Full-time student	32	8.2
Not employed, but looking for employment	35	8.9
Not employed and not looking for employment	19	4.8

Survey question: Which of the following best describes the industry in which you currently work?
 (For respondents who reported being employed full-time or part-time.)

Response	#	%
Hospital	17	7.3
Healthcare & Pharmaceuticals (non-Hospitals)	22	9.4
K-12 Schools	26	11.1
Education (non-K-12)	19	8.1
Arts, Media, and Entertainment	1	0.4
Construction	6	2.6
Energy	1	0.4
Financial and Insurance	4	1.7
Government	12	5.1
Manufacturing	15	6.4
Professional Services (Legal, Consulting, etc.)	14	6.0
Retail, Restaurant, and Hospitality	35	15.0
Information Technology and Telecommunications	14	6.0
Transportation, Utilities, and Wholesale Trade	8	3.4
Other, please specify	40	17.1

Industries specified by respondents who chose Other above

Accounting/Tax
Appliance store
Automobile
Automotive Manufacturer
Business
Church
Custodian at a middle school
Customer service
Customer Service
Daycare
Delivery
Diesel Mechanic
Distribution
food and beverage (coffee roaster)
Grocery store merchandising
Hairstylist
Health & Fitness
Horticulture
House cleaning
Hvac
Legal
Library
Maintenance
marketing
Marketing
nanny
Non-profit
Non profit community health services
Police Officer
Professional and Business Services
Public library
Receptionist
Social Service Agency for Intellectually Disabled Children and Adults
Sociial Service - Special Recreation
Sports
Student Affairs in Higher Education
Teaching swim lessons
Veterinarian medicine
Warehouse
Warehousing and Logistics

Survey question: In what industry did you work?

(For respondents who reported being unemployed.)

Response	#	%
Hospital	1	1.9
Healthcare & Pharmaceuticals (non-Hospitals)	3	5.6
K-12 Schools	7	13.0
Education (non-K-12)	2	3.7
Arts, Media, and Entertainment	3	5.6
Construction	1	1.9
Financial and Insurance	1	1.9
Government	2	3.7
Manufacturing	4	7.4
Professional Services (Legal, consulting, etc.)	2	3.7
Retail, Restaurant, and Hospitality	5	9.3
Information Technology	2	3.7
Transportation, Utilities, and Wholesale Trade	3	5.6
Other, please specify:	18	33.3

Industries specified by respondents who chose Other above

Administration
agriculture R&D
Amazon Warehouse
Disabled
Floral
home business
non
none
None
Office Manager, Caregiver for parents
Pastor
private club
Science
secretary to seller of flowers
small business owner

Employment Status and COVID (Respondent)

Survey question: Is your employment status a result of being laid-off due to the COVID-19 pandemic?

Response	#	%
Yes	14	25.9
No	40	74.1

Former field of employment for those who were laid off due to the COVID-19 pandemic	#	%
K-12 Schools	2	14.3
Education (non-K-12)	2	14.3
Manufacturing	2	14.3
Other, please specify:	2	14.3
Healthcare & Pharmaceuticals (non-Hospitals)	1	7.1
Arts, Media, and Entertainment	1	7.1
Government	1	7.1
Professional Services (Legal, consulting, etc.)	1	7.1
Information Technology	1	7.1
Transportation, Utilities, and Wholesale Trade	1	7.1

Survey question: Have your hours been reduced by your employer due to the COVID-19 pandemic?

Response	#	%
Yes	51	21.8
No	183	78.2

Former field of employment for those whose hours have been reduced due to the COVID-19 pandemic	#	%
Other, please specify	13	25.5
Retail, Restaurant, and Hospitality	10	19.6
Healthcare & Pharmaceuticals (non-Hospitals)	6	11.8
K-12 Schools	4	7.8
Hospital	3	5.9
Education (non-K-12)	3	5.9
Manufacturing	3	5.9
Professional Services (Legal, Consulting, etc.)	3	5.9
Government	2	3.9
Transportation, Utilities, and Wholesale Trade	2	3.9
Construction	1	2.0
Information Technology and Telecommunications	1	2.0

Survey question: Are you considering a career change due to the COVID-19 pandemic?

Response	#	%
Yes	48	12.2
No	344	87.8

Survey question: Please describe what careers you are currently considering due to the COVID-19 pandemic. (For those who answered Yes to the question above.)

Response
A career with the education I'm pursuing but a job that bring money into the table .
Air Force
Amazon
Business Management, office administration
CAD/Engineering vs Manufacturing
Can I find a job at all
Career including marketing
careers where you can work from home
communications or architecture and design
Data Analyst, Business Analyst
health
Health care
Health care and public safety medicine,nursing and economics
High School Psychology teacher
Home Inspector
I would like to help working families. Perhaps in day care, helping kids do online learning, or emotional support.
Information technology related work for ZS
Information Technology, clerical, bookeeping,
IT
IT
IT an/or Health-related options
Medical coding or PT
MULTIPLE
not sure
Nurse
Paralegal
parapro
psych
Public administration
Public service or healthcare
Quit job,
Radiology
Remote Work
remote, flexible jobs
Retail or customer service
Retail, Retail Merchandising, Account Management
Social work, essential work
Social work; writer
Something in a lab, in a science field.
Technical Writer
Took your contact tracer course
Undecided
unknown
unsure
Website
Xray / MRI
Yes

BRAND AWARENESS

Please note: The 2020 CNAS clearly indicated to the respondent that the survey was conducted by Waubonsee, which may have boosted name recognition for the college. The 2018 CNAS did not indicate that it was conducted by Waubonsee.

First Five Colleges that Come to Mind (open text field)

Survey question:

Please name up to 5 colleges or universities located in Illinois or neighboring states that first come to mind. Please write out full name of school, not just letters/acronyms.

The table below shows all institutions listed by 5.0% or more of respondents.

Institution	N	Percentage
Northern Illinois University	172	50.1
Aurora University	128	37.3
Illinois State University	92	26.8
Waubonsee Community College	78	22.7
College of DuPage	71	20.7
Northwestern University	66	19.2
University of Illinois (any campus)	59	17.2
North Central College	53	15.5
University of Chicago	44	12.8
DePaul University	40	11.7
Southern Illinois University	40	11.7
Any Indiana Public 4-Year	32	9.3
Loyola University Chicago	32	9.3
Any Iowa Public 4-Year	29	8.5
Any Wisconsin Public 4-Year	26	7.6
Eastern Illinois University	19	5.5
Benedictine University	18	5.2
Bradley University	17	5.0
Lewis University	17	5.0

Findings

- Northern Illinois University (50.1 percent) and Aurora University (37.3 percent) were the most commonly listed postsecondary institutions.
- Please use caution when interpreting the data for Waubonsee. Survey respondents were aware that Waubonsee sponsored the survey, which may have increased the likelihood of listing Waubonsee in this section. On the other hand, some respondents may have assumed that the survey was asking them to list institutions other than Waubonsee.
- Indiana, Iowa, and Wisconsin public universities were each listed by between 5 and 10 percent of respondents.

Illinois Community Colleges	Percentage	Illinois Public Universities	Percentage
Waubonsee Community College	22.7	Northern Illinois University	50.1
College of DuPage	20.7	Illinois State University	26.8
Elmhurst College	4.4	University of Illinois (any campus)	17.2
Elgin Community College	3.8	Southern Illinois University	11.7
Joliet Junior College	3.8	Eastern Illinois University	5.5
Kishwaukee College	2.0	Governors State University	0.9
Harper College	1.2	Chicago State University	0.3
Triton College	0.9		
City Colleges of Chicago	0.6		
Indian Valley Community College	0.6		
McHenry County College	0.3		
Moraine Valley Community College	0.3		
Parkland College	0.3		
Rock Valley College	0.3		

Out-of-state Public Universities	Percentage
Any Indiana Public 4-Year	9.3
Any Iowa Public 4-Year	8.5
Any Wisconsin Public 4-Year	7.6
Any Michigan Public 4-Year	3.5
Other Out-of-State Public 4-year	2.0
Any Kentucky Public 4-Year	1.2
Any Missouri Public 4-Year	1.2

Findings

- Waubonsee Community College (22.7 percent) and the College of DuPage (20.7 percent) were the most commonly listed community colleges. No other community colleges were listed by more than 5 percent of respondents.
- Roughly half of respondents listed Northern Illinois University and one quarter listed Illinois State University. For analytical purposes, all University of Illinois campuses were combined into a single category. This category includes the Urbana-Champaign, Chicago, and Springfield campuses, as well as responses that did not specify a campus.

Illinois Private Colleges and Universities	Percentage
Aurora University	37.3
Northwestern University	19.2
North Central College	15.5
University of Chicago	12.8
DePaul University	11.7
Loyola University Chicago	9.3
Benedictine University	5.2
Bradley University	5.0
Lewis University	5.0
Other In-State Private 4-Year	3.2
Wheaton College	2.9
Augustana College	2.3
Olivet Nazarene University	2.3
Illinois Wesleyan University	2.0
Judson University	1.7
Concordia University	1.5
Illinois Institute of Technology	1.5
Columbia College Chicago	1.2
Dominican University	0.9
National Louis University	0.9
North Park University	0.9
School of the Art Institute of Chicago or American Academy of Art	0.9
University of St. Francis	0.9

Out-of-state Private Colleges and Universities	Percentage
Other Out-of-state Private 4-Year	3.2
Notre Dame University	2.6
Marquette University	2.0
Carthage College	1.5
Valparaiso University	1.2
Drake University	0.9

Online and For-profit Institutions	Percentage
DeVry University	1.2
Rasmussen College	1.2

Findings

- The tables above include only those institutions listed by 3 or more respondents.
- Aurora University was listed by 37.3 percent of respondents. Northwestern University, North Central College, the University of Chicago, and DePaul University were each listed by between 10 and 20 percent of respondents.

Brand Awareness for Listed Institutions

Respondents reviewed a list of 17 postsecondary institutions and indicated which they had heard of. The list of institutions was taken from the 2018 Community Needs Assessment Survey (CNAS).

Survey question:

Which of the following schools have you heard of? (Check all that apply).

value	n	Percentage
Waubonsee Community College	375	99.2
Aurora University	361	95.5
College of DuPage	357	94.4
Northern Illinois University	344	91.0
University of Illinois	344	91.0
Illinois State University	338	89.4
DeVry University	310	82.0
Benedictine University	308	81.5
North Central College	297	78.6
Iowa State University	294	77.8
Wheaton College	283	74.9
Elgin Community College	283	74.9
University of Phoenix	275	72.8
Elmhurst College	272	72.0
Joliet Junior College	248	65.6
Rasmussen College	247	65.3
Western Governors University	103	27.2

Favorability of Listed Institutions

Respondents were asked how favorably they viewed each of the institutions they recognized in the previous question.

Survey question: Please indicate how favorable your view is towards each of the schools listed below.

Institution	Very Favorable	Favorable	Neutral	Unfavorable	Very Unfavorable	netfav
Waubonsee Community College	40.7	40.1	14.6	1.1	3.5	76.2
University of Illinois	31.5	31.8	32.9	2.1	1.8	59.4
Aurora University	26.1	35.7	31.7	3.1	3.4	55.3
Northern Illinois University	20.0	40.3	31.0	6.0	2.7	51.6
North Central College	15.1	37.5	42.3	3.8	1.4	47.4
College of DuPage	19.1	32.6	40.9	5.4	2.0	44.3
Illinois State University	16.3	30.7	45.5	5.1	2.4	39.5
Elmhurst College	9.4	33.1	53.8	2.6	1.1	38.8
Iowa State University	15.0	26.8	52.3	4.2	1.7	35.9
Benedictine University	12.3	27.2	54.6	3.0	3.0	33.5
Elgin Community College	10.1	24.1	59.0	5.0	1.8	27.4
Wheaton College	13.0	25.3	49.1	9.0	3.6	25.7
Joliet Junior College	9.9	21.0	57.6	9.5	2.1	19.3
DeVry University	6.0	15.0	58.1	15.0	6.0	0.0
Western Governors University	3.1	12.2	64.3	14.3	6.1	-5.1
Rasmussen College	3.8	9.2	66.2	12.1	8.8	-7.9
University of Phoenix	3.3	7.8	55.2	17.4	16.3	-22.6

Findings

- Net Favorability is calculated by adding the percentage of respondents who answered “Very Favorable” or “Favorable” and subtracting the percentage who answered “Unfavorable” or “Very Unfavorable”.
- Waubonsee had the highest net favorability among the institutions listed (+76.2 percentage points).
- The University of Illinois (+59.4 percentage points), Aurora University (+55.3 percentage points), and Northern Illinois University (+51.6 percentage points) also had net favorability ratings above 50 percentage points.
- Western Governors University (-5.1 percentage points), Rasmussen College (-7.9 percentage points), and the University of Phoenix (-22.6 percentage points) had negative net favorability ratings.

CAREER CERTIFICATIONS AND LICENSES

Respondent

Survey question:

Do you have a currently active professional certification or a state or industry license? Do not include business licenses, such as a liquor license or vending license.

Response	#	%
Yes	85	31.8
No	182	68.2

Survey question: What kind of work is your certification or license for? If you have multiple certifications or licenses, provide answers about the one that you consider to be most important.

Response	#	%
Engineering	1	1.2
Computers and information technology	4	4.8
Accounting	1	1.2
Other business	1	1.2
Finance and insurance	4	4.8
Basic life support	1	1.2
Health practitioner or provider other than nursing	5	6.0
Nursing	7	8.3
Other health care	12	14.3
Cosmetology	1	1.2
Law and legal support	5	6.0
Public safety	1	1.2
Social work and counseling	5	6.0
Other public and social service	2	2.4
K-12 teaching	17	20.2
Other instruction and training	3	3.6
Construction	1	1.2
Vehicle maintenance, installation, and repair	2	2.4
Transportation and materials moving	1	1.2
Other trades	1	1.2
Other fields	9	10.7

Survey question:

Is your certification or license required by a federal, state, or local government agency (such as a state board) in order to do that kind of work?

Response	#	%
Yes	62	73.8
No	22	26.2

Survey question:

Is your certification or license required by a federal, state, or local government agency (such as a state board) in order to do that kind of work?

Response	Very useful (#)	Somewhat useful (#)	Not useful (#)	Too soon to tell (#)	Very useful (%)	Somewhat useful (%)	Not useful (%)	Too soon to tell (%)
Improving your work skills	59	15	5	4	71.1	18.1	6.0	4.8
Getting a job	68	8	3	4	81.9	9.6	3.6	4.8
Keeping a job	66	9	4	4	79.5	10.8	4.8	4.8
Keeping you marketable to employers or clients	66	9	3	5	79.5	10.8	3.6	6.0

Survey question: Did you take courses or receive training at Waubonsee Community College to earn your certificate or license?

Response	#	%
Yes	15	18.1
No	68	81.9

Survey question: Is there another certificate that you are thinking about earning?

Response	#	%
Yes, please specify:	10	12
No	73	88

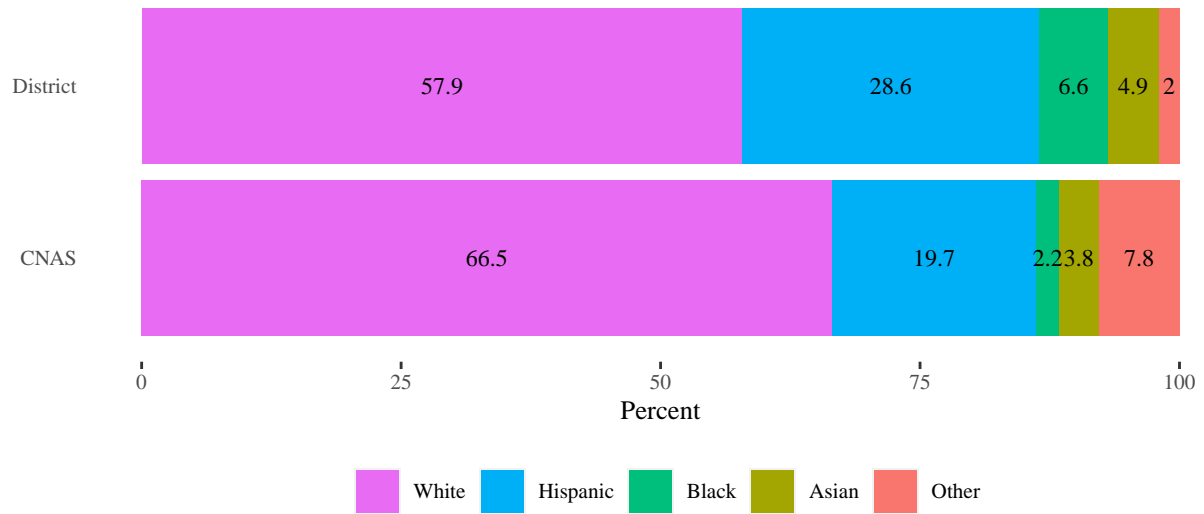
Survey question: As far as you know is training for this certification offered at Waubonsee Community College?

Response	As far as you know, is training for the certification offered at Waubonsee?
Ccm	No
Home Inspection	Yes
Java Developer certificate	No
lpc	No
LPN	Yes
Master Online Teacher	No
Paralegal	Yes
Phd	No
Rehab	Yes

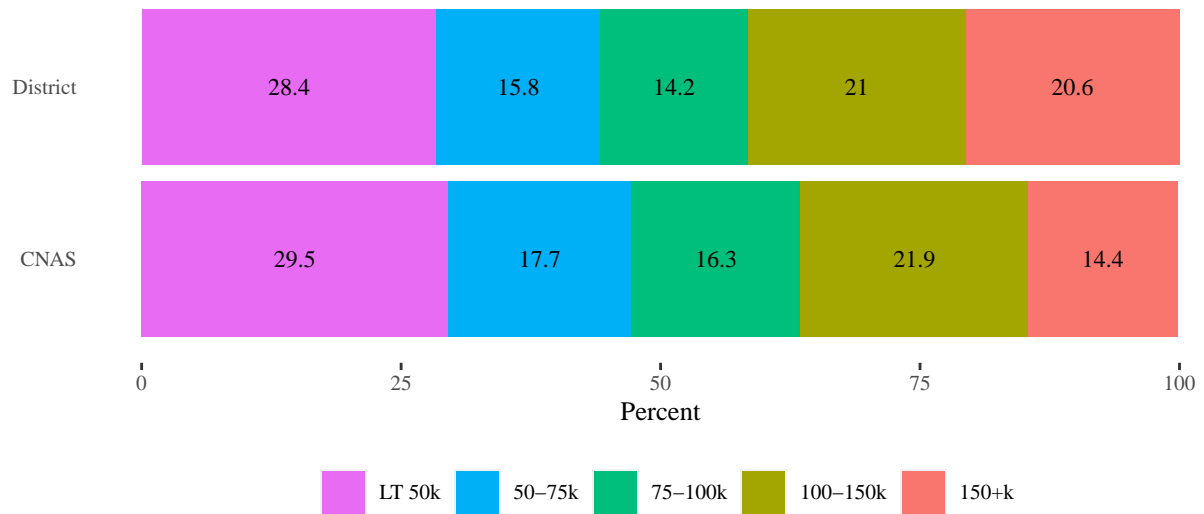
q15	q15recode	n
Bachelor's degree	Associate's degree or higher	279
High school diploma or GED	No postsecondary degree	134
Did not attend high school	Did not complete high school	39
Master's degree or above	Associate's degree or higher	169
Some college, no degree (including current college students)	No postsecondary degree	249
Associate's degree	Associate's degree or higher	105
Some high school, no diploma or GED	Did not complete high school	54
NA	NA	129

APPENDIX A: DEMOGRAPHIC COMPARISON OF WAUBON-SEE DISTRICT RESIDENTS AND CNAS RESPONDENTS

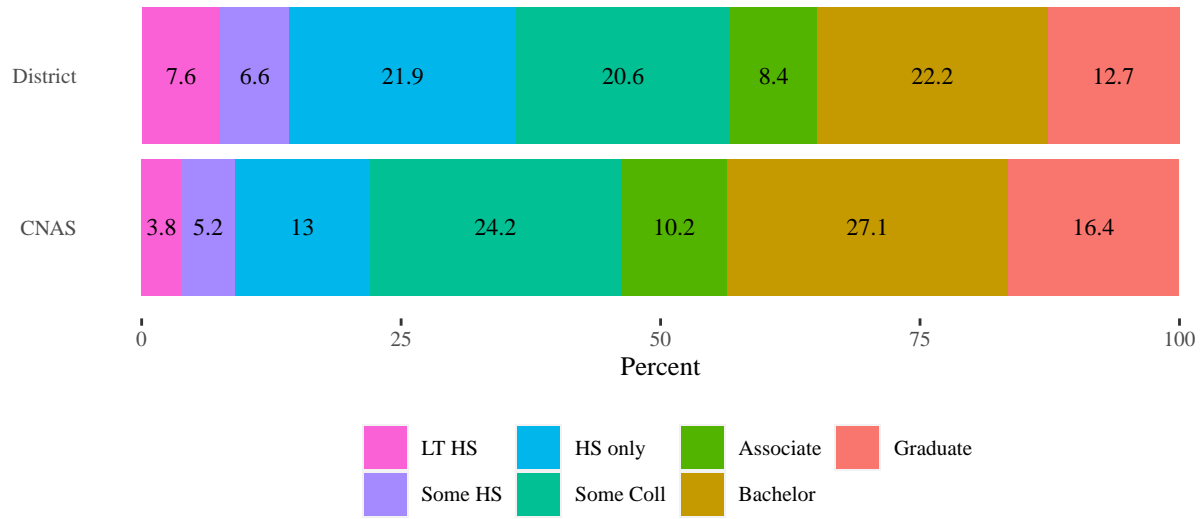
Race/ethnicity



Household Income



Educational Attainment



Employment Status

