

----- MU Alumni with BSE Degree -----
----- Future Plans -----

Q1. Thinking back to your last semester at MU, what was your PRIMARY GOAL after graduation?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Full-time job	79	95.2%	74	94.9%	95	96.9%	248	95.8%
Part-time job	1	1.2%	2	2.6%	0	0.0%	3	1.2%
Full-time Graduate or Professional School	3	3.6%	0	0.0%	2	2.0%	5	1.9%
Part-time Graduate or Professional School	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Military Service	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Additional Undergraduate Coursework	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Other	0	0.0%	2	2.6%	1	1.0%	3	1.2%
Total	83	100.0%	78	100.0%	98	100.0%	259	100.0%

Q2. Which of the following describes your PRIMARY STATUS.

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Employed full time (on average 30 hours or more per week)	71	87.7%	68	87.2%	92	94.8%	231	90.2%
Employed part time (on average less than 30 hours per week)	4	4.9%	5	6.4%	2	2.1%	11	4.3%
Participating in a volunteer or service program (e.g., Peace Corps)	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Serving in the U.S. Military	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Enrolled in a program of continuing education (e.g., graduate or professional school)	2	2.5%	3	3.8%	3	3.1%	8	3.1%
Seeking employment	3	3.7%	1	1.3%	0	0.0%	4	1.6%
Planning to continue education but not yet enrolled	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Not seeking employment or continuing education at this time	1	1.2%	1	1.3%	0	0.0%	2	0.8%
Total	81	100.0%	78	100.0%	97	100.0%	256	100.0%

----- MU Alumni with BSE Degree -----
----- Employment Data -----

Q3. Which best describes your current employment status?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
I am EMPLOYED	79	97.5%	76	97.4%	96	99.0%	251	98.0%
I am UNEMPLOYED	2	2.5%	2	2.6%	1	1.0%	5	2.0%
Total	81	100.0%	78	100.0%	97	100.0%	256	100.0%

Academic Year = 2021-22

Adjusted employment rate (percent)

98.75

(Excludes unemployed not seeking employment)

Academic Year = 2022-23

Adjusted employment rate (percent)

98.70

(Excludes unemployed not seeking employment)

Academic Year = 2023-24

Adjusted employment rate (percent)

98.97

(Excludes unemployed not seeking employment)

Q4. Are you actively searching for a job?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	15	18.5%	13	16.7%	16	16.5%	44	17.2%
No	66	81.5%	65	83.3%	81	83.5%	212	82.8%
Total	81	100.0%	78	100.0%	97	100.0%	256	100.0%

----- MU Alumni with BSE Degree -----
----- Employment Data -----

Q5. What is your PRIMARY reason for actively searching for a job?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
I want better benefits	1	6.7%	0	0.0%	2	14.3%	3	7.1%
I want full-time work	4	26.7%	3	23.1%	1	7.1%	8	19.0%
I want a higher salary	1	6.7%	2	15.4%	2	14.3%	5	11.9%
I want a job in a field related to my program of study	5	33.3%	1	7.7%	3	21.4%	9	21.4%
I want more responsibility	0	0.0%	0	0.0%	1	7.1%	1	2.4%
I want to be more satisfied with my work environment	1	6.7%	3	23.1%	3	21.4%	7	16.7%
Other	3	20.0%	4	30.8%	2	14.3%	9	21.4%
Total	15	100.0%	13	100.0%	14	100.0%	42	100.0%

Q6. Please select the category that best describes your current employment situation.

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
I am employed as an entrepreneur (e.g., own my business)	0	0.0%	0	0.0%	0	0.0%	0	0.0%
I am employed in a temporary/contract work assignment (e.g., substitute teaching)	18	22.2%	22	28.9%	20	21.1%	60	23.8%
I am employed freelance (e.g., photographer, writer)	0	0.0%	0	0.0%	0	0.0%	0	0.0%
I have a graduate teaching or research assistantship or fellowship	2	2.5%	1	1.3%	2	2.1%	5	2.0%
I am employed in a national volunteer service program (e.g., Peace Corps, AmeriCorps, Teach for America)	0	0.0%	0	0.0%	0	0.0%	0	0.0%
I am employed in a permanent position not listed above	59	72.8%	51	67.1%	73	76.8%	183	72.6%
I am not currently employed	2	2.5%	2	2.6%	0	0.0%	4	1.6%
Total	81	100.0%	76	100.0%	95	100.0%	252	100.0%

----- MU Alumni with BSE Degree -----
----- Employment Data -----

Q7. Is your current position related to your major or field of study at Millersville University?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	75	94.9%	70	93.3%	94	98.9%	239	96.0%
No	4	5.1%	5	6.7%	1	1.1%	10	4.0%
Total	79	100.0%	75	100.0%	95	100.0%	249	100.0%

Q8. In what industry or economic sector are you employed?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Educational Services (e.g., pre-school teacher)	74	93.7%	66	89.2%	89	97.8%	229	93.9%
Professional, Scientific, and Technical Services (e.g., accountant, recruiter, human resources, lab or computer technician)	2	2.5%	2	2.7%	1	1.1%	5	2.0%
Other Services (e.g., animal care, administering religious services, grant making, non-public administration services)	1	1.3%	0	0.0%	0	0.0%	1	0.4%
Accommodation and Food Services	1	1.3%	0	0.0%	0	0.0%	1	0.4%
Administrative and Support and Waste Management and Remediation Services (e.g., office administration, clerical, hiring or placement of personnel, security or waste disposal services)	0	0.0%	1	1.4%	0	0.0%	1	0.4%
Agriculture, Forestry, Fishing, and Hunting	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Arts, Entertainment, and Recreation	1	1.3%	1	1.4%	1	1.1%	3	1.2%
Construction	0	0.0%	1	1.4%	0	0.0%	1	0.4%
Finance and Insurance	0	0.0%	0	0.0%	0	0.0%	0	0.0%

----- MU Alumni with BSE Degree -----
----- Employment Data -----

Q8. In what industry or economic sector are you employed?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Health Care and Social Assistance (e.g., child or adult daycare)	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Information (e.g., publishing, broadcasting, website design, writer, public relations, marketing)	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Manufacturing	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Public Administration	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Real Estate and Rental and Leasing	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Retail Trade (e.g., motor vehicle and parts sales)	0	0.0%	1	1.4%	0	0.0%	1	0.4%
Transportation and Warehousing	0	0.0%	1	1.4%	0	0.0%	1	0.4%
Utilities	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Wholesale Trade (e.g., manufacturing sales, buyer, purchasing agent)	0	0.0%	1	1.4%	0	0.0%	1	0.4%
Wood Product Manufacturing	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Total	79	100.0%	74	100.0%	91	100.0%	244	100.0%

Q10. Are you employed in Pennsylvania?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	71	89.9%	61	85.9%	81	93.1%	213	89.9%
No	8	10.1%	10	14.1%	6	6.9%	24	10.1%
Total	79	100.0%	71	100.0%	87	100.0%	237	100.0%

----- MU Alumni with BSE Degree -----
----- Employment Data -----

Q11. If not employed in PA, in what state are you employed?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
I am not employed in the United States	0	0.0%	0	0.0%	1	16.7%	1	4.2%
AL	1	12.5%	0	0.0%	0	0.0%	1	4.2%
CO	0	0.0%	0	0.0%	1	16.7%	1	4.2%
DE	1	12.5%	2	20.0%	1	16.7%	4	16.7%
FL	1	12.5%	0	0.0%	0	0.0%	1	4.2%
HI	0	0.0%	1	10.0%	0	0.0%	1	4.2%
MD	3	37.5%	2	20.0%	2	33.3%	7	29.2%
NJ	2	25.0%	3	30.0%	0	0.0%	5	20.8%
SC	0	0.0%	1	10.0%	0	0.0%	1	4.2%
VA	0	0.0%	1	10.0%	1	16.7%	2	8.3%
Total	8	100.0%	10	100.0%	6	100.0%	24	100.0%

Q13. Which best describes your current work situation?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Full-time (30+ hrs/wk)	74	93.7%	66	93.0%	82	94.3%	222	93.7%
Part-time (Less than 30 hrs/wk)	5	6.3%	5	7.0%	5	5.7%	15	6.3%
Total	79	100.0%	71	100.0%	87	100.0%	237	100.0%

----- MU Alumni with BSE Degree -----
----- Employment Data -----

Q14. What is your anticipated GROSS annual income from your job wages, tips, or salary for your position?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Less than \$20,000	9	11.7%	4	5.7%	6	7.1%	19	8.2%
\$20,000 to \$25,000	2	2.6%	7	10.0%	2	2.4%	11	4.8%
\$25,001 to \$30,000	2	2.6%	1	1.4%	3	3.6%	6	2.6%
\$30,001 to \$35,000	0	0.0%	2	2.9%	3	3.6%	5	2.2%
\$35,001 to \$40,000	4	5.2%	3	4.3%	4	4.8%	11	4.8%
\$40,001 to \$45,000	3	3.9%	5	7.1%	4	4.8%	12	5.2%
\$45,001 to \$50,000	14	18.2%	6	8.6%	3	3.6%	23	10.0%
\$50,001 to \$55,000	26	33.8%	15	21.4%	14	16.7%	55	23.8%
\$55,001 to \$60,000	13	16.9%	12	17.1%	21	25.0%	46	19.9%
\$60,001 to \$65,000	4	5.2%	12	17.1%	21	25.0%	37	16.0%
\$65,001 to \$70,000	0	0.0%	2	2.9%	2	2.4%	4	1.7%
\$70,001 to \$75,000	0	0.0%	1	1.4%	1	1.2%	2	0.9%
\$75,001 to \$80,000	0	0.0%	0	0.0%	0	0.0%	0	0.0%
More than \$80,000	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Total	77	100.0%	70	100.0%	84	100.0%	231	100.0%

Descriptive Statistics

Academic Year		N	Mean
2021-22	Est income	77	\$45,389.61
	Valid N (listwise)	77	
2022-23	Est income	70	\$47,642.86
	Valid N (listwise)	70	
2023-24	Est income	84	\$50,119.05
	Valid N (listwise)	84	

----- MU Alumni with BSE Degree -----
----- Employment Data -----

Q15. What is the minimum level of education required for your job?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
None required	1	1.3%	3	4.2%	0	0.0%	4	1.7%
High School Degree or GED	4	5.2%	1	1.4%	4	4.7%	9	3.8%
Some College	0	0.0%	1	1.4%	5	5.8%	6	2.6%
Bachelor's Degree	71	92.2%	65	91.5%	76	88.4%	212	90.6%
Master's Degree	0	0.0%	0	0.0%	1	1.2%	1	0.4%
Doctoral Degree (PhD, EdD)	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Professional Degree (Medicine, Law)	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Not Sure	1	1.3%	1	1.4%	0	0.0%	2	0.9%
Total	77	100.0%	71	100.0%	86	100.0%	234	100.0%

Q16. Select the type of firm or organization with which you are employed.

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
A private for-profit company, business, or individual	9	11.8%	7	10.1%	8	9.8%	24	10.6%
A private not-for-profit or charitable organization	2	2.6%	2	2.9%	2	2.4%	6	2.6%
A local government agency or organization	9	11.8%	15	21.7%	15	18.3%	39	17.2%
A state government agency or organization	34	44.7%	24	34.8%	36	43.9%	94	41.4%
A federal government agency or organization	5	6.6%	2	2.9%	3	3.7%	10	4.4%
I am self-employed	0	0.0%	0	0.0%	0	0.0%	0	0.0%
I work without pay in a family business or farm	0	0.0%	0	0.0%	0	0.0%	0	0.0%
I work without pay in a non-profit organization	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Not sure	17	22.4%	19	27.5%	18	22.0%	54	23.8%
Total	76	100.0%	69	100.0%	82	100.0%	227	100.0%

----- MU Alumni with BSE Degree -----
----- Advanced Education -----

Q17. At any time since you graduated from Millersville, have you advanced your education in any way?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	7	8.9%	9	12.3%	18	21.7%	34	14.5%
No	72	91.1%	64	87.7%	65	78.3%	201	85.5%
Total	79	100.0%	73	100.0%	83	100.0%	235	100.0%

Q19. What is your anticipated Graduate-level or Professional degree?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Post-baccalaureate certificate	3	42.9%	0	0.0%	0	0.0%	3	9.1%
Master's	4	57.1%	9	100.0%	16	94.1%	29	87.9%
MD	0	0.0%	0	0.0%	0	0.0%	0	0.0%
JD	0	0.0%	0	0.0%	0	0.0%	0	0.0%
EdD	0	0.0%	0	0.0%	0	0.0%	0	0.0%
PhD	0	0.0%	0	0.0%	1	5.9%	1	3.0%
DDS	0	0.0%	0	0.0%	0	0.0%	0	0.0%
DO	0	0.0%	0	0.0%	0	0.0%	0	0.0%
DVM	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Total	7	100.0%	9	100.0%	17	100.0%	33	100.0%

Q21. Is this program related to your major or field of study at Millersville?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	7	100.0%	9	100.0%	17	100.0%	33	100.0%
No	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Total	7	100.0%	9	100.0%	17	100.0%	33	100.0%

----- MU Alumni with BSE Degree -----
----- Advanced Education -----

Q22. Have you accepted a teaching or research assistantship or fellowship at the institution?

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Yes	1	14.3%	1	11.1%	1	5.9%	3	9.1%
No	6	85.7%	8	88.9%	16	94.1%	30	90.9%
Total	7	100.0%	9	100.0%	17	100.0%	33	100.0%

----- MU Alumni with BSE Degree -----
----- Educational Quality Perceptions -----

Q31. On a scale of 1 to 4, where 1 is poor and 4 is excellent, please rate the quality of your experience IN YOUR MAJOR PROGRAM of study at Millersville (for example, Biology).

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1 - Poor	0	0.0%	2	2.8%	0	0.0%	2	0.9%
2 - Fair	10	13.2%	12	16.9%	3	3.7%	25	10.9%
3 - Good	29	38.2%	30	42.3%	33	40.2%	92	40.2%
4 - Excellent	37	48.7%	27	38.0%	46	56.1%	110	48.0%
Total	76	100.0%	71	100.0%	82	100.0%	229	100.0%

Q32. On a scale of 1 to 4, where 1 is poor and 4 is excellent, please rate the quality of your OVERALL EDUCATIONAL EXPERIENCE at Millersville.

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
1 - Poor	1	1.3%	2	2.8%	1	1.2%	4	1.7%
2 - Fair	16	21.1%	12	16.9%	10	12.2%	38	16.6%
3 - Good	37	48.7%	39	54.9%	40	48.8%	116	50.7%
4 - Excellent	22	28.9%	18	25.4%	31	37.8%	71	31.0%
Total	76	100.0%	71	100.0%	82	100.0%	229	100.0%

----- MU Alumni with BSE Degree -----
----- High-Impact Practices -----

Q25 (a to g). How much has each of the following experiences contributed to helping you apply what you have learned to your current status?

Q25a. Participated in an internship, co-op, field experience, student teaching, or clinical placement

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	2	2.5%	2	2.8%	1	1.2%	5	2.1%
Some	6	7.6%	4	5.6%	4	4.9%	14	6.0%
Quite a Bit	11	13.9%	5	6.9%	6	7.3%	22	9.4%
Very Much	60	75.9%	59	81.9%	70	85.4%	189	81.1%
Did Not Participate	0	0.0%	2	2.8%	1	1.2%	3	1.3%
Total	79	100.0%	72	100.0%	82	100.0%	233	100.0%

Q25b. Held a formal leadership role in a student organization or group

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	6	7.6%	12	16.7%	8	9.8%	26	11.2%
Some	14	17.7%	8	11.1%	10	12.2%	32	13.7%
Quite a Bit	16	20.3%	8	11.1%	14	17.1%	38	16.3%
Very Much	15	19.0%	15	20.8%	20	24.4%	50	21.5%
Did Not Participate	28	35.4%	29	40.3%	30	36.6%	87	37.3%
Total	79	100.0%	72	100.0%	82	100.0%	233	100.0%

Q25c. Participated in a learning community or some other formal program where groups of students take two or more classes together

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	4	5.1%	7	9.7%	5	6.2%	16	6.9%
Some	13	16.5%	11	15.3%	15	18.5%	39	16.8%
Quite a Bit	20	25.3%	19	26.4%	12	14.8%	51	22.0%
Very Much	16	20.3%	17	23.6%	27	33.3%	60	25.9%
Did Not Participate	26	32.9%	18	25.0%	22	27.2%	66	28.4%
Total	79	100.0%	72	100.0%	81	100.0%	232	100.0%

----- MU Alumni with BSE Degree -----
----- High-Impact Practices -----

Q25d. Participated in a study abroad program

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	4	5.1%	8	11.1%	4	4.9%	16	6.9%
Some	2	2.5%	1	1.4%	6	7.3%	9	3.9%
Quite a Bit	2	2.5%	2	2.8%	6	7.3%	10	4.3%
Very Much	2	2.5%	3	4.2%	10	12.2%	15	6.4%
Did Not Participate	69	87.3%	58	80.6%	56	68.3%	183	78.5%
Total	79	100.0%	72	100.0%	82	100.0%	233	100.0%

Q25e. Worked with a faculty member on a research project

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	9	11.4%	7	9.9%	7	8.5%	23	9.9%
Some	11	13.9%	7	9.9%	8	9.8%	26	11.2%
Quite a Bit	7	8.9%	5	7.0%	8	9.8%	20	8.6%
Very Much	7	8.9%	4	5.6%	10	12.2%	21	9.1%
Did Not Participate	45	57.0%	48	67.6%	49	59.8%	142	61.2%
Total	79	100.0%	71	100.0%	82	100.0%	232	100.0%

Q25f. Completed a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, internship, etc.)

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	6	7.6%	10	13.9%	13	15.9%	29	12.4%
Some	13	16.5%	11	15.3%	10	12.2%	34	14.6%
Quite a Bit	10	12.7%	14	19.4%	12	14.6%	36	15.5%
Very Much	29	36.7%	26	36.1%	31	37.8%	86	36.9%
Did Not Participate	21	26.6%	11	15.3%	16	19.5%	48	20.6%
Total	79	100.0%	72	100.0%	82	100.0%	233	100.0%

----- MU Alumni with BSE Degree -----

----- High-Impact Practices -----

Q25g. Worked on-campus

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	7	8.9%	11	15.3%	8	9.8%	26	11.2%
Some	13	16.5%	9	12.5%	11	13.4%	33	14.2%
Quite a Bit	8	10.1%	8	11.1%	11	13.4%	27	11.6%
Very Much	9	11.4%	4	5.6%	14	17.1%	27	11.6%
Did Not Participate	42	53.2%	40	55.6%	38	46.3%	120	51.5%
Total	79	100.0%	72	100.0%	82	100.0%	233	100.0%

----- MU Alumni with BSE Degree -----
----- Gen Ed Learning -----

Q26 (a to i). How much did your experience at Millersville contribute to your knowledge, skills, and personal development in the following areas?

Q26a. Writing clearly and effectively

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	8	10.3%	6	8.5%	6	7.3%	20	8.7%
Some	23	29.5%	21	29.6%	13	15.9%	57	24.7%
Quite a Bit	26	33.3%	28	39.4%	35	42.7%	89	38.5%
Very Much	21	26.9%	16	22.5%	28	34.1%	65	28.1%
Total	78	100.0%	71	100.0%	82	100.0%	231	100.0%

Q26b. Speaking clearly and effectively

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	2	2.6%	6	8.5%	5	6.1%	13	5.6%
Some	18	23.1%	15	21.1%	13	15.9%	46	19.9%
Quite a Bit	27	34.6%	20	28.2%	35	42.7%	82	35.5%
Very Much	31	39.7%	30	42.3%	29	35.4%	90	39.0%
Total	78	100.0%	71	100.0%	82	100.0%	231	100.0%

Q26c. Thinking critically and analytically

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	3	3.8%	4	5.6%	1	1.2%	8	3.5%
Some	15	19.2%	13	18.3%	9	11.0%	37	16.0%
Quite a Bit	31	39.7%	27	38.0%	34	41.5%	92	39.8%
Very Much	29	37.2%	27	38.0%	38	46.3%	94	40.7%
Total	78	100.0%	71	100.0%	82	100.0%	231	100.0%

----- MU Alumni with BSE Degree -----
----- Gen Ed Learning -----

Q26d. Analyzing numerical and statistical information

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	14	17.9%	16	22.5%	13	15.9%	43	18.6%
Some	31	39.7%	28	39.4%	23	28.0%	82	35.5%
Quite a Bit	18	23.1%	15	21.1%	26	31.7%	59	25.5%
Very Much	15	19.2%	12	16.9%	20	24.4%	47	20.3%
Total	78	100.0%	71	100.0%	82	100.0%	231	100.0%

Q26e. Using computers or technology

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	8	10.3%	10	14.1%	9	11.0%	27	11.7%
Some	31	39.7%	18	25.4%	25	30.5%	74	32.0%
Quite a Bit	20	25.6%	25	35.2%	26	31.7%	71	30.7%
Very Much	19	24.4%	18	25.4%	22	26.8%	59	25.5%
Total	78	100.0%	71	100.0%	82	100.0%	231	100.0%

Q26f. Understanding and interpreting scientific concepts and information

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	21	27.3%	22	31.0%	11	13.4%	54	23.5%
Some	28	36.4%	25	35.2%	34	41.5%	87	37.8%
Quite a Bit	18	23.4%	11	15.5%	24	29.3%	53	23.0%
Very Much	10	13.0%	13	18.3%	13	15.9%	36	15.7%
Total	77	100.0%	71	100.0%	82	100.0%	230	100.0%

Q26g. Finding, evaluating, and properly sharing information resources

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	7	9.0%	9	12.7%	3	3.7%	19	8.2%
Some	24	30.8%	18	25.4%	20	24.4%	62	26.8%
Quite a Bit	23	29.5%	25	35.2%	39	47.6%	87	37.7%
Very Much	24	30.8%	19	26.8%	20	24.4%	63	27.3%
Total	78	100.0%	71	100.0%	82	100.0%	231	100.0%

----- MU Alumni with BSE Degree -----
----- Gen Ed Learning -----

Q26h. Engaging with diverse perspectives

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	3	3.8%	4	5.6%	1	1.2%	8	3.5%
Some	15	19.2%	13	18.3%	15	18.3%	43	18.6%
Quite a Bit	28	35.9%	23	32.4%	28	34.1%	79	34.2%
Very Much	32	41.0%	31	43.7%	38	46.3%	101	43.7%
Total	78	100.0%	71	100.0%	82	100.0%	231	100.0%

Q26i. Applying ethical principles

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Very Little	2	2.6%	5	7.0%	3	3.7%	10	4.3%
Some	16	20.5%	9	12.7%	17	20.7%	42	18.2%
Quite a Bit	26	33.3%	24	33.8%	25	30.5%	75	32.5%
Very Much	34	43.6%	33	46.5%	37	45.1%	104	45.0%
Total	78	100.0%	71	100.0%	82	100.0%	231	100.0%

----- MU Alumni with BSE Degree -----
 ----- Advising Experiences at MU -----

Q33. My faculty advisor assisted me in ensuring I knew what coursework was needed to graduate

Academic Year		
2023-24		
	Count	Percent
Strongly Disagree	1	1.2%
Somewhat Disagree	8	9.8%
Neither Agree or Disagree	3	3.7%
Somewhat Agree	24	29.3%
Strongly Agree	46	56.1%
Total	82	100.0%

Q34. My faculty advisor assisted in preparing me for my chosen career path (e.g. discussions about internships, building a strong resume, letters or recommendation)

Academic Year		
2023-24		
	Count	Percent
Strongly Disagree	4	4.9%
Somewhat Disagree	15	18.3%
Neither Agree or Disagree	7	8.5%
Somewhat Agree	22	26.8%
Strongly Agree	34	41.5%
Total	82	100.0%

Q35. My advisor has provided me with the necessary information and support needed to navigate my academic journey

Academic Year		
2023-24		
	Count	Percent
Strongly Disagree	3	3.7%
Somewhat Disagree	7	8.6%
Neither Agree or Disagree	3	3.7%
Somewhat Agree	26	32.1%
Strongly Agree	42	51.9%
Total	81	100.0%

----- MU Alumni with BSE Degree -----

----- Advising Experiences at MU -----

**Q36. My advisor has been sufficiently
responsive to requests for help and
assistance**

Academic Year

2023-24

	Count	Percent
Strongly Disagree	1	1.2%
Somewhat Disagree	6	7.4%
Neither Agree or Disagree	7	8.6%
Somewhat Agree	22	27.2%
Strongly Agree	45	55.6%
Total	81	100.0%

----- MU Alumni with BSE Degree -----
----- BSE Supplemental Questions -----

Q43 (a to f). As a result of my preparation in professional education, as a teacher I was prepared to...

Q43a. ... teach student with disabilities effectively.

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	3	4.0%	4	5.6%	1	1.2%	8	3.5%
Not sufficiently prepared	12	16.0%	14	19.7%	14	17.3%	40	17.6%
Sufficiently prepared	39	52.0%	35	49.3%	40	49.4%	114	50.2%
Well prepared	0	0.0%	0	0.0%	0	0.0%	0	0.0%
5	21	28.0%	18	25.4%	26	32.1%	65	28.6%
Total	75	100.0%	71	100.0%	81	100.0%	227	100.0%

Q43b. ... participate as a member of individualized education program (IEP) teams.

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	5	6.7%	5	7.0%	2	2.5%	12	5.3%
Not sufficiently prepared	22	29.3%	10	14.1%	15	18.5%	47	20.7%
Sufficiently prepared	32	42.7%	38	53.5%	43	53.1%	113	49.8%
Well prepared	0	0.0%	0	0.0%	0	0.0%	0	0.0%
5	16	21.3%	18	25.4%	21	25.9%	55	24.2%
Total	75	100.0%	71	100.0%	81	100.0%	227	100.0%

Q43c. ... effectively teach students who are limited in English proficiency.

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	3	4.0%	8	11.3%	4	4.9%	15	6.6%
Not sufficiently prepared	23	30.7%	20	28.2%	20	24.7%	63	27.8%
Sufficiently prepared	36	48.0%	34	47.9%	37	45.7%	107	47.1%
Well prepared	0	0.0%	0	0.0%	0	0.0%	0	0.0%
5	13	17.3%	9	12.7%	20	24.7%	42	18.5%
Total	75	100.0%	71	100.0%	81	100.0%	227	100.0%

----- MU Alumni with BSE Degree -----
----- BSE Supplemental Questions -----

Q43d. ... provide instruction to students from low-income families.

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	0	0.0%	4	5.6%	3	3.7%	7	3.1%
Not sufficiently prepared	9	12.0%	12	16.9%	9	11.1%	30	13.2%
Sufficiently prepared	45	60.0%	36	50.7%	41	50.6%	122	53.7%
Well prepared	0	0.0%	0	0.0%	0	0.0%	0	0.0%
5	21	28.0%	19	26.8%	28	34.6%	68	30.0%
Total	75	100.0%	71	100.0%	81	100.0%	227	100.0%

Q43e. ... effectively teach in urban schools.

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	4	5.4%	5	7.0%	3	3.7%	12	5.3%
Not sufficiently prepared	16	21.6%	18	25.4%	16	19.8%	50	22.1%
Sufficiently prepared	36	48.6%	32	45.1%	33	40.7%	101	44.7%
Well prepared	0	0.0%	0	0.0%	0	0.0%	0	0.0%
5	18	24.3%	16	22.5%	29	35.8%	63	27.9%
Total	74	100.0%	71	100.0%	81	100.0%	226	100.0%

Q43f. ... effectively teach in rural schools.

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	1	1.3%	4	5.6%	0	0.0%	5	2.2%
Not sufficiently prepared	7	9.3%	6	8.5%	7	8.6%	20	8.8%
Sufficiently prepared	42	56.0%	41	57.7%	44	54.3%	127	55.9%
Well prepared	0	0.0%	0	0.0%	0	0.0%	0	0.0%
5	25	33.3%	20	28.2%	30	37.0%	75	33.0%
Total	75	100.0%	71	100.0%	81	100.0%	227	100.0%

----- MU Alumni with BSE Degree -----
----- BSE Supplemental Questions -----

Q44 (a to n). As a new teacher, to what extent were you prepared to do the following?

Q44a. Explain important concepts clearly to students.

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	1	1.3%	1	1.5%	1	1.3%	3	1.4%
Not sufficiently prepared	3	4.0%	1	1.5%	6	7.7%	10	4.6%
Sufficiently prepared	37	49.3%	33	50.8%	32	41.0%	102	46.8%
Well prepared	34	45.3%	30	46.2%	39	50.0%	103	47.2%
Total	75	100.0%	65	100.0%	78	100.0%	218	100.0%

Q44b. Encourage student inquiry and critical thinking

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	0	0.0%	2	3.0%	0	0.0%	2	0.9%
Not sufficiently prepared	5	6.7%	3	4.5%	7	9.1%	15	6.9%
Sufficiently prepared	34	45.3%	29	43.9%	34	44.2%	97	44.5%
Well prepared	36	48.0%	32	48.5%	36	46.8%	104	47.7%
Total	75	100.0%	66	100.0%	77	100.0%	218	100.0%

Q44c. Provide relevant learning experiences for your students

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	1	1.3%	1	1.5%	0	0.0%	2	0.9%
Not sufficiently prepared	5	6.7%	4	6.1%	5	6.4%	14	6.4%
Sufficiently prepared	30	40.0%	25	37.9%	32	41.0%	87	39.7%
Well prepared	39	52.0%	36	54.5%	41	52.6%	116	53.0%
Total	75	100.0%	66	100.0%	78	100.0%	219	100.0%

----- MU Alumni with BSE Degree -----
----- BSE Supplemental Questions -----

Q44d. Develop instructional planning to meet the needs of all students

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	1	1.3%	1	1.5%	0	0.0%	2	0.9%
Not sufficiently prepared	6	8.0%	6	9.1%	2	2.6%	14	6.4%
Sufficiently prepared	33	44.0%	33	50.0%	37	47.4%	103	47.0%
Well prepared	35	46.7%	26	39.4%	39	50.0%	100	45.7%
Total	75	100.0%	66	100.0%	78	100.0%	219	100.0%

Q44e. Use a variety of instructional strategies to meet individual learning needs

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	1	1.3%	2	3.0%	0	0.0%	3	1.4%
Not sufficiently prepared	4	5.3%	3	4.5%	5	6.4%	12	5.5%
Sufficiently prepared	34	45.3%	26	39.4%	33	42.3%	93	42.5%
Well prepared	36	48.0%	35	53.0%	40	51.3%	111	50.7%
Total	75	100.0%	66	100.0%	78	100.0%	219	100.0%

Q44f. Utilize relevant student data to measure student progress and guide instruction

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	1	1.3%	2	3.0%	0	0.0%	3	1.4%
Not sufficiently prepared	13	17.3%	11	16.7%	12	15.4%	36	16.4%
Sufficiently prepared	37	49.3%	32	48.5%	29	37.2%	98	44.7%
Well prepared	24	32.0%	21	31.8%	37	47.4%	82	37.4%
Total	75	100.0%	66	100.0%	78	100.0%	219	100.0%

Q44g. Provide a positive student-centered environment that is conducive to learning

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	0	0.0%	2	3.0%	0	0.0%	2	0.9%
Not sufficiently prepared	3	4.1%	2	3.0%	3	3.8%	8	3.7%
Sufficiently prepared	34	45.9%	22	33.3%	30	38.5%	86	39.4%
Well prepared	37	50.0%	40	60.6%	45	57.7%	122	56.0%
Total	74	100.0%	66	100.0%	78	100.0%	218	100.0%

----- MU Alumni with BSE Degree -----

----- BSE Supplemental Questions -----

Q44h. Demonstrate professionalism

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	0	0.0%	1	1.5%	0	0.0%	1	0.5%
Not sufficiently prepared	2	2.7%	1	1.5%	0	0.0%	3	1.4%
Sufficiently prepared	25	33.3%	12	18.5%	14	17.9%	51	23.4%
Well prepared	48	64.0%	51	78.5%	64	82.1%	163	74.8%
Total	75	100.0%	65	100.0%	78	100.0%	218	100.0%

Q44i. Integrate technology effectively into curricula and instruction

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	1	1.3%	3	4.5%	1	1.3%	5	2.3%
Not sufficiently prepared	12	16.0%	5	7.6%	5	6.4%	22	10.0%
Sufficiently prepared	35	46.7%	32	48.5%	30	38.5%	97	44.3%
Well prepared	27	36.0%	26	39.4%	42	53.8%	95	43.4%
Total	75	100.0%	66	100.0%	78	100.0%	219	100.0%

Q44j. Use technology effectively to collect data to improve teaching and learning

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	1	1.3%	3	4.6%	0	0.0%	4	1.8%
Not sufficiently prepared	16	21.3%	11	16.9%	7	9.1%	34	15.7%
Sufficiently prepared	35	46.7%	30	46.2%	33	42.9%	98	45.2%
Well prepared	23	30.7%	21	32.3%	37	48.1%	81	37.3%
Total	75	100.0%	65	100.0%	77	100.0%	217	100.0%

Q44k. Use technology effectively to manage data to improve teaching and learning

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	3	4.0%	2	3.0%	0	0.0%	5	2.3%
Not sufficiently prepared	13	17.3%	10	15.2%	8	10.3%	31	14.2%
Sufficiently prepared	36	48.0%	32	48.5%	34	43.6%	102	46.6%
Well prepared	23	30.7%	22	33.3%	36	46.2%	81	37.0%
Total	75	100.0%	66	100.0%	78	100.0%	219	100.0%

----- MU Alumni with BSE Degree -----
 ----- BSE Supplemental Questions -----

Q44l. Use technology effectively to analyze data to improve teaching and learning

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	3	4.0%	3	4.5%	0	0.0%	6	2.8%
Not sufficiently prepared	16	21.3%	13	19.7%	11	14.3%	40	18.3%
Sufficiently prepared	37	49.3%	28	42.4%	31	40.3%	96	44.0%
Well prepared	19	25.3%	22	33.3%	35	45.5%	76	34.9%
Total	75	100.0%	66	100.0%	77	100.0%	218	100.0%

Q44m. Ask reflective questions about about your own teaching

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	0	0.0%	1	1.5%	0	0.0%	1	0.5%
Not sufficiently prepared	5	6.7%	4	6.1%	7	9.1%	16	7.3%
Sufficiently prepared	27	36.0%	18	27.3%	25	32.5%	70	32.1%
Well prepared	43	57.3%	43	65.2%	45	58.4%	131	60.1%
Total	75	100.0%	66	100.0%	77	100.0%	218	100.0%

Q44n. Work collaboratively with other professionals

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Not prepared at all	1	1.3%	2	3.0%	1	1.3%	4	1.8%
Not sufficiently prepared	5	6.7%	1	1.5%	1	1.3%	7	3.2%
Sufficiently prepared	29	38.7%	14	21.2%	21	26.9%	64	29.2%
Well prepared	40	53.3%	49	74.2%	55	70.5%	144	65.8%
Total	75	100.0%	66	100.0%	78	100.0%	219	100.0%

----- MU Alumni with BSE Degree -----
----- Demographic Data -----

Total Respondents by Department

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
AEST	7	8.4%	2	2.5%	6	6.1%	15	5.8%
ART	6	7.2%	0	0.0%	4	4.1%	10	3.8%
BIOL	3	3.6%	1	1.3%	1	1.0%	5	1.9%
CHEM	0	0.0%	1	1.3%	0	0.0%	1	0.4%
EMEE	43	51.8%	44	55.7%	61	62.2%	148	56.9%
ENWL	7	8.4%	8	10.1%	4	4.1%	19	7.3%
ESCI	0	0.0%	1	1.3%	1	1.0%	2	0.8%
GOVT	0	0.0%	3	3.8%	0	0.0%	3	1.2%
HIST	10	12.0%	13	16.5%	10	10.2%	33	12.7%
MATH	4	4.8%	2	2.5%	7	7.1%	13	5.0%
MUSI	3	3.6%	3	3.8%	2	2.0%	8	3.1%
PHYS	0	0.0%	1	1.3%	0	0.0%	1	0.4%
SPED	0	0.0%	0	0.0%	2	2.0%	2	0.8%
Total	83	100.0%	79	100.0%	98	100.0%	260	100.0%

Total Respondents by Gender

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Female	66	79.5%	64	81.0%	74	75.5%	204	78.5%
Male	17	20.5%	15	19.0%	24	24.5%	56	21.5%
Total	83	100.0%	79	100.0%	98	100.0%	260	100.0%

----- MU Alumni with BSE Degree -----

----- Demographic Data -----

Total Respondents by Race/Ethnicity

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
African American	1	1.2%	2	2.5%	3	3.1%	6	2.3%
Native American or Alaskan	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Asian	2	2.4%	0	0.0%	1	1.0%	3	1.2%
Hispanic	7	8.4%	4	5.1%	8	8.2%	19	7.3%
White	73	88.0%	72	91.1%	82	83.7%	227	87.3%
NRA	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Pacific Islander	0	0.0%	0	0.0%	1	1.0%	1	0.4%
Multi-racial	0	0.0%	1	1.3%	3	3.1%	4	1.5%
Unknown	0	0.0%	0	0.0%	0	0.0%	0	0.0%
Total	83	100.0%	79	100.0%	98	100.0%	260	100.0%

Total Respondents by Admit Category

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
New	59	71.1%	55	69.6%	75	77.3%	189	73.0%
Return	2	2.4%	1	1.3%	5	5.2%	8	3.1%
Transfers	22	26.5%	22	27.8%	17	17.5%	61	23.6%
Other	0	0.0%	1	1.3%	0	0.0%	1	0.4%
Total	83	100.0%	79	100.0%	97	100.0%	259	100.0%

Total Respondents by Graduation Term

	Academic Year							
	2021-22		2022-23		2023-24		3-YR Total	
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Fall	23	27.7%	20	25.3%	25	25.5%	68	26.2%
Spring	55	66.3%	55	69.6%	71	72.4%	181	69.6%
Summer1	1	1.2%	1	1.3%	1	1.0%	3	1.2%
Summer2	1	1.2%	2	2.5%	0	0.0%	3	1.2%
Summer3	3	3.6%	1	1.3%	1	1.0%	5	1.9%
Total	83	100.0%	79	100.0%	98	100.0%	260	100.0%