

Employment Outcomes – Marion Tech Graduates
Derived from ODJFS Wage Match – Data Set 9/9/24
Report Updated October 9, 2024

Summary / Methodology

- **MTC Graduates who worked at least 40 weeks earned an average of \$65,578 in 2023**
- **All MTC Graduates, regardless of the number of weeks worked in 2023, earned an average of \$57,513**
- Submitted all graduates since 1970 and general student attendees since 2016.
 - 16,941 total records submitted
 - 12,198 graduates
 - 4,743 general student attendees since 2016 who did not graduate
- 5,664 unique employers with headquarters in 50 states
- 80% of employers based in Ohio; 82% of 2023 annual wages paid
- Wage matches were found for 11,709 records (69%)
 - We receive wage information for the past 6 quarters. This report covers January 2023 – June 2024.
 - The Wage match system only finds wage records for persons working for employers who submit Unemployment Reports; this excludes military and self-employed individuals.
 - Wage records are listed for each employer/each person. So, if a person works for more than one employer, there is a separate record created for each instance.
 - We combine multiple employer records together to calculate the annual wages for each person; we use a single row for each student/graduate name for the wage calculations.
- Wage matches were found for 7,455 graduates; a 61% match rate.

Table 1: Records Submitted, Matched				
Decade Group	Unique Records Submitted	Unique Records Matched	Match Rate	Worked at least 40 weeks in 2023
1970-79	526	77	15%	49 – 64%
1980-89	1813	592	33%	470 – 79%
1990-99	2263	1068	47%	875 – 82%
2000-09	2627	1739	66%	1419 – 82%
2010-19	3357	2623	78%	2196 – 84%
2020-24	1612	1356	84%	1023 – 75%
Did not graduate	4743	3642	77%	2570 – 71%

Table 2: Average Earnings for MTC Graduates Worked at least 40 weeks in 2023	
Graduate Decade	Average of Total Wages Earned Jan-Dec 23
1970-1979	\$54,242
1980-1989	\$72,776
1990-1999	\$73,302
2000-2009	\$67,083
2010-2019	\$62,501
2020-2024	\$49,923
Attended since 2015 but did not graduate	\$39,936

Wages by Department / Program

Table 3: Average Annual Wages in 20223 Marion Technical College Graduates (Degree and Certificate Awards) Graduates since 2015-16; Based on Earliest MTC Degree Earned								
Department	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21	2021-22	2022-23
Arts & Science	\$66,434	\$56,404	\$49,678	\$53,798	\$46,243	\$50,173	\$42,865	\$35,505
Engineering	\$68,978	\$74,095	\$87,480	\$88,462	\$78,517	\$83,011	\$85,048	\$77,720
Health	\$57,998	\$61,370	\$58,531	\$59,855	\$53,518	\$57,832	\$54,951	\$44,602
Tech Programs	\$58,113	\$56,600	\$59,211	\$53,778	\$57,615	\$52,358	\$49,481	\$63,201
Overall	\$60,039	\$59,500	\$60,536	\$60,039	\$55,553	\$58,887	\$58,510	\$51,852
<i>Worked at least 40 weeks in 2023; Based on ODJFS Wage Match 9/9/24</i> <i>Data compiled by Marion Technical College</i> <i>Excludes self-employed, military</i>								

One of MTC's Strategic Plan Metrics is to compare the earnings of MTC graduates to the [MIT Living Wage Calculation for Marion County](#).

The Living Wage calculation shows that MTC graduates who work at last 40 weeks per year earned ~100% of the MIT living wage for a household with 2 adults, 1 child, 1 adult working (\$65,578 / \$65,686). Table 5 shows that the highest earners are in technical programs (Engineering, Health, Business, IT).

Table 4: MIT Living Wage Table			
Adults	Children	Hourly	Annualized (2080 hours/year)
1 adult	0	\$18.78	\$39,062
	1	\$31.79	\$66,123
	2	\$39.22	\$81,578
	3	\$48.10	\$100,048
2 adults - 1 working	0	\$26.20	\$54,496
	1	\$31.58	\$65,686
	2	\$35.96	\$74,797
	3	\$36.95	\$76,856
2 adults - both working	0	\$13.07	\$27,186
	1	\$18.01	\$37,461
	2	\$22.25	\$46,280
	3	\$23.91	\$49,733

Table 5 shows the average of wages based on the student's program of study. Table 5 data are for all graduates where a match was located. Not shown in Table 5 but an important metric: the highest wage earned by an MTC graduate in 2023 was just over \$400,000; 11 graduates earned over \$300,000, 53 graduates earned over \$200,000 and 905 graduates earned over \$100,000 in 2023.

Table 5: Average Wages by Graduates' Program		
Department / Program	Average of Total Wages Earned in 2023	Number of Graduates
Arts & Science	\$52,534	515
Arts & Science	\$51,684	428
Associate of Science/NUR-AS	\$57,657	365
Behavioral Health Cert	X	X
Engineering	\$84,325	647
Alternative Energy	X	X
Electrical Engineering	\$82,256	142
Mechanical Engineering	\$82,592	226
Mechatronics	\$78,319	13
Power Line / OREC	\$105,270	75
Robotics	X	X
Telecom	\$68,504	32
Vaughn	\$83,298	145
Health	\$64,653	2519
DMS	\$57,524	51
Health-Other	\$62,224	79
HIT	\$49,589	189
Medical Assisting	\$46,265	113
Medical Lab	\$65,630	267
Nurse	\$77,632	1041
Nursing-BSN	\$64,703	12
OTA	\$43,846	101
PTA	\$47,326	251
RAD	\$69,393	176
RES	X	X
Social Work/Addictions	\$54,646	237
Surgical Technology	X	X
Not Assigned	\$76,340	13
Not Assigned	\$76,340	13
Technical Programs	\$64,943	2059
Accounting	X	X
Business Management	\$64,547	1169
Criminal Justice	\$64,365	252
Cyber Security	\$73,040	126
Networking	\$76,392	57
Office Information	\$53,101	286
Software Development	\$79,726	162
Overall	\$65,578	6032
<i>X means data are suppressed; fewer than 10 records</i> <i>Worked at least 40 weeks in 2023; Based on ODJFS Wage Match 9/9/24</i> <i>Data compiled by Marion Technical College</i> <i>Excludes self-employed, military</i>		

Table 6 shows the average annual wages of recent graduates by various demographics characteristics. There seem to be differences based on Pell status and gender; graduates who received Pell at any time earn ~11% less than students who did not receive Pell. The differences in female/male earnings could be attributed to the graduates from the Vaughn program; Vaughn graduates are employed during their training in relatively high-wage jobs. This result is consistent with past results which indicate a substantial difference in average annual earnings for students who received a Pell grant during their time at MTC.

Table 6: Average Annual Wages in 2023 for Marion Technical College Graduates (Degree and Certificate Awards)												
Graduated Academic Year	Minority	White		Female	Male		Ever Pell	No Pell		Pell & Minority	Not Pell or Minority	Overall
2015-16	\$69,448	\$59,260		\$57,371	\$66,413		\$59,595	\$60,384		\$56,181	\$58,783	\$60,039
2016-17	\$53,543	\$60,018		\$57,676	\$63,656		\$57,679	\$61,021		\$57,654	\$61,855	\$59,500
2017-18	\$65,098	\$60,246		\$55,872	\$69,347		\$55,351	\$63,031		\$59,311	\$62,712	\$60,536
2018-19	\$66,829	\$59,675		\$56,092	\$68,035		\$57,903	\$60,767		\$21,948	\$59,862	\$60,039
2019-20	\$53,783	\$55,717		\$50,013	\$64,514		\$53,423	\$56,649		\$56,852	\$57,057	\$55,553
2020-21	\$64,157	\$58,293		\$52,500	\$70,400		\$49,410	\$62,940		\$41,331	\$61,975	\$58,887
2021-22	\$53,537	\$59,279		\$49,371	\$73,743		\$50,988	\$61,789		\$51,506	\$62,771	\$58,510
2022-23	\$47,588	\$52,301		\$41,648	\$69,750		\$46,932	\$53,290		\$57,324	\$54,277	\$51,852
Overall	\$58,416	\$58,294		\$52,959	\$68,452		\$54,528	\$60,150		\$53,459	\$60,035	\$58,304
Worked at least 40 weeks in 2023												
Based on ODJFS Wage Match 9/9/24												
Data compiled by Marion Technical College												

The data in Table 7 is an attempt to further explore the Pell/No Pell difference in average annual earnings. Aside from Arts & Sciences (which are generally transfer degrees), and the few degrees that are not assigned to a primary department, the Pell/No Pell differences occur regardless of the general department in which a student was enrolled.

Table 7: Average Annual Wages in 2023 by Program and Pell Award			
Program Area	Never Pell	Pell Awarded	Overall
Arts & Science	\$52,456	\$52,962	\$52,534
Engineering	\$85,292	\$74,859	\$84,325
Health	\$66,486	\$57,106	\$64,062
Not Assigned	\$76,340		\$76,340
Technical Programs	\$66,744	\$55,645	\$64,943
Total	\$67,622	\$57,315	\$65,578

Table 8 shows the same difference for selected Health programs, although the gap is much lower in HIT, OTA, and PTA. This is an area for further investigation.

Table 8: Average Annual Wages by Pell Award in Selected Health Programs			
Program Area	Never Pell	Pell Awarded	Overall
Health	\$68,062	\$59,340	\$65,963
DMS	\$60,162	\$52,686	\$57,524
HIT	\$49,795	\$49,309	\$49,589
Medical Assisting	\$48,075	\$43,530	\$46,265
Medical Lab	\$67,865	\$59,576	\$65,630

Table 8: Average Annual Wages by Pell Award in Selected Health Programs			
Program Area	Never Pell	Pell Awarded	Overall
Nurse	\$78,649	\$72,895	\$77,632
OTA	\$43,467	\$44,663	\$43,846
PTA	\$47,345	\$47,242	\$47,326
RAD	\$72,004	\$62,624	\$69,393
Total	\$68,062	\$59,340	\$65,963

Table 9 shows the general industry type where MTC graduates are employed. The ODJFS data does not provide an occupation code, so we are not able to determine the specific job a graduate performs. The dataset we receive from ODJFS includes employer names, but the data sharing agreement precludes us from sharing that data publicly.

Table 9: Graduates employed by Industry and Program					
Industry (NAICS Code)	Arts & Science	Engineering	Health	Technical Programs	Total
62 Health Care	269	26	1906	365	2566
31-33 Manufacturing	30	177	60	351	618
61 Educational Services	46	25	272	153	496
44-45 Retail Trade	32	19	86	282	319
92 Public Administration	21	19	100	175	315
23 Construction	10	189	14	61	274
52 Finance & Insurance	14	X	75	145	235
54 Professional, Scientific	16	37	30	127	210
42 Wholesale Trade	X	29	44	87	167
56 Admin Support; Waste Mgt	14	X	65	60	147
72 Accommodation & Food Services	28	X	32	63	127
55 Management of Companies	X	11	42	57	115
81 Other Services	11	11	31	58	111
22 Utilities	X	67		13	83
48-49 Trans & Warehouse	X	X	12	53	73
51 Information	X	X	X	39	60
71 Arts, Entertainment	X	X	X	19	36
53 Real Estate		X	X	28	35
99 Unknown		X	X	13	19
11 Ag, Forestry		X	X	X	11
21 Mining, Oil & Gas				X	X
<i>Worked at least 40 weeks in 2023 Based on ODJFS Wage Match 9/9/24 Data compiled by Marion Technical College X – data suppressed; <10 records</i>					

Table 10 shows the average wages earned based on a graduate's program and the industry in which a graduate is employed.

Table 10: Average Wages of Graduates Employed by Industry and Program					
Industry (NAICS Code)	Arts & Science	Engineering	Health	Technical Programs	Total
62 Health Care	\$54,385	\$49,444	\$65,404	\$53,816	\$62,439
31-33 Manufacturing	\$61,605	\$84,997	\$59,464	\$68,336	\$71,920
61 Educational Services	\$54,770	\$80,443	\$64,646	\$52,163	\$60,676
44-45 Retail Trade	\$32,464	\$41,856	\$41,173	\$53,521	\$47,385
92 Public Administration	\$52,039	\$64,006	\$72,363	\$71,383	\$69,960
23 Construction	\$60,658	\$85,022	\$46,315	\$68,299	\$78,432
52 Finance & Insurance	\$49,543	X	\$68,357	\$80,430	\$74,864
54 Professional, Scientific	\$65,838	\$80,121	\$59,890	\$76,651	\$74,044
42 Wholesale Trade	X	\$94,082	\$77,112	\$81,858	\$82,656
56 Admin Support; Waste Mgt	\$46,659	X	\$65,766	\$60,143	\$62,112
72 Accommodation & Food Services	\$30,195	\$55,996	\$27,845	\$41,754	\$36,149
55 Management of Companies	X	\$107,822	\$74,309	\$94,159	\$88,026
81 Other Services	\$29,660	\$85,237	\$42,975	\$54,056	\$51,634
22 Utilities	X	\$111,685		\$102,158	\$110,243
48-49 Trans & Warehouse	\$32,098	\$53,534	\$56,063	\$67,814	\$63,730
51 Information	X	X	X	\$75,340	\$72,288
71 Arts, Entertainment	X	X	X	\$55,281	\$52,855
53 Real Estate		X	X	\$69,825	\$66,238
99 Unknown		X	X	\$82,919	\$79,380
11 Ag, Forestry		X	X	X	\$61,741
21 Mining, Oil & Gas				X	X
<i>Worked at least 40 weeks in 2023</i> <i>Based on ODJFS Wage Match 9/9/24</i> <i>Data compiled by Marion Technical College</i> <i>X – data suppressed; <10 records</i>					

Table 11 shows the average earnings based on the highest degree attained at MTC.

Table 11: Average Earnings Based on Highest Degree Level	
Highest Degree Level	Average of Total Wages Earned 2023
Associate	\$66,702
Certificate (all)	\$60,490
Certificate (Vaughn)	\$83,354
Certificate (excluding Vaughn)	\$56,964
<i>Worked at least 40 weeks in 2023</i> <i>Based on ODJFS Wage Match 9/9/24</i> <i>Data compiled by Marion Technical College</i>	