



Economic Development Strategic Plan - RCM2342AS Task 10 Report – Appendices

prepared for:

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Business Development**

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Appendix Table 10.a.1 – Retail Trade					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
41-0000	Sales and Related	7,560,970	48.5%	1	3,144
53-0000	Transportation and Material Moving	2,921,740	18.8%	2	1,215
43-0000	Office and Administrative Support	1,332,920	8.6%	3	554
49-0000	Installation, Maintenance, and Repair	772,130	5.0%	4	321
11-0000	Management	631,880	4.1%	5	263
29-0000	Healthcare Practitioners and Technical	566,980	3.6%	6	236
35-0000	Food Preparation and Serving Related	565,160	3.6%	7	235
51-0000	Production	366,710	2.4%	8	152
13-0000	Business and Financial Operations	236,710	1.5%	9	98
27-0000	Arts, Design, Entertainment, Sports, and Media	169,570	1.1%	10	71
37-0000	Building and Grounds Cleaning and Maintenance	114,140	0.7%	11	47
33-0000	Protective Service	81,680	0.5%	12	34
39-0000	Personal Care and Service	80,710	0.5%	13	34
15-0000	Computer and Mathematical	55,750	0.4%	14	23
31-0000	Healthcare Support	39,830	0.3%	15	17
47-0000	Construction and Extraction	37,600	0.2%	16	16
45-0000	Farming, Fishing, and Forestry	23,680	0.2%	17	10
25-0000	Educational Instruction and Library	10,850	0.1%	18	5
17-0000	Architecture and Engineering	3,620	0.0%	19	2
23-0000	Legal	3,080	0.0%	20	1
21-0000	Community and Social Service	1,290	0.0%	21	1
Total		15,577,000	100.0%		6,477
		6,477	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.2 – Healthcare & Social Assistance					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
29-0000	Healthcare Practitioners and Technical	7,203,070	32.6%	1	1,706
31-0000	Healthcare Support	6,452,600	29.2%	2	1,528
43-0000	Office and Administrative Support	2,760,640	12.5%	3	654
21-0000	Community and Social Service	1,255,610	5.7%	4	297
11-0000	Management	953,310	4.3%	5	226
25-0000	Educational Instruction and Library	566,680	2.6%	6	134
39-0000	Personal Care and Service	563,440	2.6%	7	133
35-0000	Food Preparation and Serving Related	512,750	2.3%	8	121
13-0000	Business and Financial Operations	469,080	2.1%	9	111
37-0000	Building and Grounds Cleaning and Maintenance	413,710	1.9%	10	98
49-0000	Installation, Maintenance, and Repair	165,540	0.8%	11	39
53-0000	Transportation and Material Moving	153,810	0.7%	12	36
15-0000	Computer and Mathematical	144,390	0.7%	13	34
19-0000	Life, Physical, and Social Science	143,040	0.6%	14	34
33-0000	Protective Service	86,070	0.4%	15	20
51-0000	Production	78,770	0.4%	16	19
41-0000	Sales and Related	71,540	0.3%	17	17
27-0000	Arts, Design, Entertainment, Sports, and Media	39,840	0.2%	18	9
47-0000	Construction and Extraction	18,810	0.1%	19	4
23-0000	Legal	8,270	0.0%	20	2
17-0000	Architecture and Engineering	5,370	0.0%	21	1
45-0000	Farming, Fishing, and Forestry	2,230	0.0%	22	1
Total		22,068,570	100.0%		5,226
		5,226	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.3 – Accommodation & Food Services					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
35-0000	Food Preparation and Serving Related	10,989,090	78.9%	1	3,971
37-0000	Building and Grounds Cleaning and Maintenance	587,030	4.2%	2	212
11-0000	Management	511,230	3.7%	3	185
43-0000	Office and Administrative Support	460,640	3.3%	4	166
41-0000	Sales and Related	433,080	3.1%	5	157
53-0000	Transportation and Material Moving	279,220	2.0%	6	101
49-0000	Installation, Maintenance, and Repair	155,030	1.1%	7	56
39-0000	Personal Care and Service	142,910	1.0%	8	52
51-0000	Production	127,520	0.9%	9	46
13-0000	Business and Financial Operations	106,800	0.8%	10	39
33-0000	Protective Service	76,750	0.6%	11	28
27-0000	Arts, Design, Entertainment, Sports, and Media	20,310	0.1%	12	7
31-0000	Healthcare Support	11,470	0.1%	13	4
29-0000	Healthcare Practitioners and Technical	7,700	0.1%	14	3
15-0000	Computer and Mathematical	7,130	0.1%	15	3
47-0000	Construction and Extraction	6,340	0.0%	16	2
25-0000	Educational Instruction and Library	1,930	0.0%	17	1
45-0000	Farming, Fishing, and Forestry	1,550	0.0%	18	1
17-0000	Architecture and Engineering	950	0.0%	19	0
19-0000	Life, Physical, and Social Science	630	0.0%	20	0
21-0000	Community and Social Service	430	0.0%	21	0
23-0000	Legal	190	0.0%	22	0
Total		13,927,930	100.0%		5,033
		5,033	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.4 – Construction					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
47-0000	Construction and Extraction	4,650,610	58.7%	1	2,333
43-0000	Office and Administrative Support	719,600	9.1%	2	361
49-0000	Installation, Maintenance, and Repair	698,470	8.8%	3	350
11-0000	Management	620,000	7.8%	4	311
13-0000	Business and Financial Operations	479,800	6.1%	5	241
53-0000	Transportation and Material Moving	244,740	3.1%	6	123
41-0000	Sales and Related	167,800	2.1%	7	84
51-0000	Production	127,070	1.6%	8	64
17-0000	Architecture and Engineering	103,940	1.3%	9	52
37-0000	Building and Grounds Cleaning and Maintenance	38,150	0.5%	10	19
15-0000	Computer and Mathematical	22,890	0.3%	11	11
19-0000	Life, Physical, and Social Science	21,740	0.3%	12	11
27-0000	Arts, Design, Entertainment, Sports, and Media	12,440	0.2%	13	6
33-0000	Protective Service	8,230	0.1%	14	4
23-0000	Legal	2,620	0.0%	15	1
45-0000	Farming, Fishing, and Forestry	950	0.0%	16	0
35-0000	Food Preparation and Serving Related	910	0.0%	17	0
39-0000	Personal Care and Service	530	0.0%	18	0
25-0000	Educational Instruction and Library	210	0.0%	19	0
21-0000	Community and Social Service	200	0.0%	20	0
31-0000	Healthcare Support	110	0.0%	21	0
29-0000	Healthcare Practitioners and Technical	100	0.0%	22	0
Total		7,921,110	100.0%		3,974
		3,974	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.5 – Educational Services					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
25-0000	Educational Instruction and Library	7,721,780	58.7%	1	2,333
43-0000	Office and Administrative Support	1,123,970	9.1%	2	361
11-0000	Management	799,140	8.8%	3	350
37-0000	Building and Grounds Cleaning and Maintenance	460,480	7.8%	4	311
21-0000	Community and Social Service	445,380	6.1%	5	241
13-0000	Business and Financial Operations	404,880	3.1%	6	123
35-0000	Food Preparation and Serving Related	362,750	2.1%	7	84
29-0000	Healthcare Practitioners and Technical	314,810	1.6%	8	64
27-0000	Arts, Design, Entertainment, Sports, and Media	269,580	1.3%	9	52
15-0000	Computer and Mathematical	246,890	0.5%	10	19
53-0000	Transportation and Material Moving	240,490	0.3%	11	11
39-0000	Personal Care and Service	209,980	0.3%	12	11
33-0000	Protective Service	189,630	0.2%	13	6
19-0000	Life, Physical, and Social Science	182,470	0.1%	14	4
49-0000	Installation, Maintenance, and Repair	171,630	0.0%	15	1
31-0000	Healthcare Support	54,110	0.0%	16	0
47-0000	Construction and Extraction	40,960	0.0%	17	0
41-0000	Sales and Related	34,670	0.0%	18	0
17-0000	Architecture and Engineering	16,780	0.0%	19	0
51-0000	Production	14,170	0.0%	20	0
23-0000	Legal	6,530	0.0%	21	0
45-0000	Farming, Fishing, and Forestry	2,510	0.0%	22	0
Total		13,313,590	100.0%		3,489
		3,489	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.6 – Other Services (Ex. Pub. Admin.)					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
39-0000	Personal Care and Service	881,660	20.4%	1	669
49-0000	Installation, Maintenance, and Repair	705,320	16.3%	2	536
43-0000	Office and Administrative Support	564,000	13.1%	3	428
53-0000	Transportation and Material Moving	399,060	9.2%	4	303
11-0000	Management	377,980	8.8%	5	287
13-0000	Business and Financial Operations	307,080	7.1%	6	233
51-0000	Production	235,880	5.5%	7	179
41-0000	Sales and Related	171,900	4.0%	8	131
21-0000	Community and Social Service	128,070	3.0%	9	97
37-0000	Building and Grounds Cleaning and Maintenance	90,940	2.1%	10	69
35-0000	Food Preparation and Serving Related	88,740	2.1%	11	67
27-0000	Arts, Design, Entertainment, Sports, and Media	78,920	1.8%	12	60
31-0000	Healthcare Support	64,340	1.5%	13	49
25-0000	Educational Instruction and Library	64,310	1.5%	14	49
15-0000	Computer and Mathematical	42,620	1.0%	15	32
33-0000	Protective Service	37,210	0.9%	16	28
29-0000	Healthcare Practitioners and Technical	17,920	0.4%	17	14
47-0000	Construction and Extraction	17,480	0.4%	18	13
19-0000	Life, Physical, and Social Science	16,970	0.4%	19	13
17-0000	Architecture and Engineering	13,000	0.3%	20	10
23-0000	Legal	10,120	0.2%	21	8
45-0000	Farming, Fishing, and Forestry	2,890	0.1%	22	2
Total		4,316,410	100.0%		3,277
		3,277	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.7 – Real Estate Rental & Leasing					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
41-0000	Sales and Related	471,030	20.4%	1	669
49-0000	Installation, Maintenance, and Repair	449,860	16.3%	2	536
11-0000	Management	416,830	13.1%	3	428
43-0000	Office and Administrative Support	393,790	9.2%	4	303
13-0000	Business and Financial Operations	172,280	8.8%	5	287
53-0000	Transportation and Material Moving	160,750	7.1%	6	233
37-0000	Building and Grounds Cleaning and Maintenance	131,310	5.5%	7	179
47-0000	Construction and Extraction	33,950	4.0%	8	131
33-0000	Protective Service	25,730	3.0%	9	97
39-0000	Personal Care and Service	24,640	2.1%	10	69
15-0000	Computer and Mathematical	22,390	2.1%	11	67
27-0000	Arts, Design, Entertainment, Sports, and Media	20,040	1.8%	12	60
51-0000	Production	13,840	1.5%	13	49
23-0000	Legal	9,070	1.5%	14	49
17-0000	Architecture and Engineering	5,290	1.0%	15	32
29-0000	Healthcare Practitioners and Technical	3,210	0.9%	16	28
21-0000	Community and Social Service	2,470	0.4%	17	14
19-0000	Life, Physical, and Social Science	1,190	0.4%	18	13
25-0000	Educational Instruction and Library	720	0.4%	19	13
Total		2,358,390	100.0%		2,958
		2,958	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.8 – Professional, Scientific & Technical					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
13-0000	Business and Financial Operations	2,012,790	18.7%	1	496
15-0000	Computer and Mathematical	1,860,550	17.3%	2	459
43-0000	Office and Administrative Support	1,527,990	14.2%	3	377
11-0000	Management	1,353,100	12.6%	4	333
17-0000	Architecture and Engineering	968,090	9.0%	5	239
23-0000	Legal	784,630	7.3%	6	193
41-0000	Sales and Related	497,810	4.6%	7	123
27-0000	Arts, Design, Entertainment, Sports, and Media	400,530	3.7%	8	99
19-0000	Life, Physical, and Social Science	381,220	3.5%	9	94
29-0000	Healthcare Practitioners and Technical	254,750	2.4%	10	63
51-0000	Production	137,290	1.3%	11	34
31-0000	Healthcare Support	119,270	1.1%	12	29
53-0000	Transportation and Material Moving	114,590	1.1%	13	28
47-0000	Construction and Extraction	98,010	0.9%	14	24
49-0000	Installation, Maintenance, and Repair	89,450	0.8%	15	22
39-0000	Personal Care and Service	48,750	0.5%	16	12
37-0000	Building and Grounds Cleaning and Maintenance	36,560	0.3%	17	9
33-0000	Protective Service	18,200	0.2%	18	4
21-0000	Community and Social Service	17,070	0.2%	19	4
25-0000	Educational Instruction and Library	13,740	0.1%	20	3
35-0000	Food Preparation and Serving Related	7,470	0.1%	21	2
45-0000	Farming, Fishing, and Forestry	5,450	0.1%	22	1
Total		10,747,310	100.0%		2,649
		2,649	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.9 – Public Administration					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
25-0000	Educational Instruction and Library	6,349,650	29.1%	1	754
43-0000	Office and Administrative Support	3,024,000	13.9%	2	359
33-0000	Protective Service	2,061,420	9.4%	3	245
13-0000	Business and Financial Operations	1,420,470	6.5%	4	169
29-0000	Healthcare Practitioners and Technical	1,270,690	5.8%	5	151
11-0000	Management	1,225,380	5.6%	6	145
21-0000	Community and Social Service	860,650	3.9%	7	102
37-0000	Building and Grounds Cleaning and Maintenance	683,070	3.1%	8	81
53-0000	Transportation and Material Moving	668,070	3.1%	9	79
49-0000	Installation, Maintenance, and Repair	592,570	2.7%	10	70
47-0000	Construction and Extraction	497,040	2.3%	11	59
19-0000	Life, Physical, and Social Science	494,840	2.3%	12	59
15-0000	Computer and Mathematical	483,550	2.2%	13	57
35-0000	Food Preparation and Serving Related	458,460	2.1%	14	54
39-0000	Personal Care and Service	363,520	1.7%	15	43
31-0000	Healthcare Support	303,950	1.4%	16	36
17-0000	Architecture and Engineering	298,610	1.4%	17	35
23-0000	Legal	274,040	1.3%	18	33
27-0000	Arts, Design, Entertainment, Sports, and Media	198,540	0.9%	19	24
51-0000	Production	179,330	0.8%	20	21
41-0000	Sales and Related	85,630	0.4%	21	10
45-0000	Farming, Fishing, and Forestry	21,370	0.1%	22	3
Total		21,814,850	100.0%		2,590
		2,590	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.10 – Administrative, Support & Waste Management					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
37-0000	Building and Grounds Cleaning and Maintenance	1,991,880	21.0%	1	275
43-0000	Office and Administrative Support	1,514,420	15.9%	2	209
53-0000	Transportation and Material Moving	1,216,460	12.8%	3	168
33-0000	Protective Service	902,630	9.5%	4	125
51-0000	Production	638,670	6.7%	5	88
13-0000	Business and Financial Operations	608,560	6.4%	6	84
11-0000	Management	458,020	4.8%	7	63
41-0000	Sales and Related	413,740	4.4%	8	57
49-0000	Installation, Maintenance, and Repair	288,690	3.0%	9	40
47-0000	Construction and Extraction	287,550	3.0%	10	40
15-0000	Computer and Mathematical	284,850	3.0%	11	39
29-0000	Healthcare Practitioners and Technical	264,410	2.8%	12	37
31-0000	Healthcare Support	165,970	1.7%	13	23
35-0000	Food Preparation and Serving Related	99,020	1.0%	14	14
25-0000	Educational Instruction and Library	71,060	0.7%	15	10
27-0000	Arts, Design, Entertainment, Sports, and Media	68,620	0.7%	16	9
17-0000	Architecture and Engineering	66,560	0.7%	17	9
39-0000	Personal Care and Service	55,250	0.6%	18	8
19-0000	Life, Physical, and Social Science	38,390	0.4%	19	5
21-0000	Community and Social Service	23,280	0.2%	20	3
23-0000	Legal	19,380	0.2%	21	3
45-0000	Farming, Fishing, and Forestry	19,170	0.2%	22	3
Total		9,496,580	100.0%		1,312
		1,312	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.11 – Finance & Insurance					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
43-0000	Office and Administrative Support	2,013,460	32.2%	1	357
13-0000	Business and Financial Operations	1,759,260	28.1%	2	312
41-0000	Sales and Related	1,013,860	16.2%	3	180
11-0000	Management	762,220	12.2%	4	135
15-0000	Computer and Mathematical	490,660	7.8%	5	87
23-0000	Legal	64,670	1.0%	6	11
29-0000	Healthcare Practitioners and Technical	63,750	1.0%	7	11
27-0000	Arts, Design, Entertainment, Sports, and Media	22,650	0.4%	8	4
49-0000	Installation, Maintenance, and Repair	15,160	0.2%	9	3
21-0000	Community and Social Service	14,820	0.2%	10	3
33-0000	Protective Service	10,600	0.2%	11	2
37-0000	Building and Grounds Cleaning and Maintenance	6,840	0.1%	12	1
19-0000	Life, Physical, and Social Science	4,340	0.1%	13	1
17-0000	Architecture and Engineering	4,100	0.1%	14	1
53-0000	Transportation and Material Moving	3,440	0.1%	15	1
51-0000	Production	2,580	0.0%	16	0
31-0000	Healthcare Support	2,480	0.0%	17	0
35-0000	Food Preparation and Serving Related	780	0.0%	18	0
45-0000	Farming, Fishing, and Forestry	750	0.0%	19	0
25-0000	Educational Instruction and Library	700	0.0%	20	0
47-0000	Construction and Extraction	680	0.0%	21	0
39-0000	Personal Care and Service	520	0.0%	22	0
Total		6,258,320	100.0%		1,109
		1,109	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.12 – Information					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
15-0000	Computer and Mathematical	748,590	24.6%	1	225
27-0000	Arts, Design, Entertainment, Sports, and Media	440,720	14.5%	2	132
11-0000	Management	376,460	12.4%	3	113
43-0000	Office and Administrative Support	346,160	11.4%	4	104
41-0000	Sales and Related	341,520	11.2%	5	103
13-0000	Business and Financial Operations	323,980	10.7%	6	97
49-0000	Installation, Maintenance, and Repair	205,990	6.8%	7	62
39-0000	Personal Care and Service	78,090	2.6%	8	23
17-0000	Architecture and Engineering	41,460	1.4%	9	12
35-0000	Food Preparation and Serving Related	32,580	1.1%	10	10
53-0000	Transportation and Material Moving	28,540	0.9%	11	9
51-0000	Production	18,570	0.6%	12	6
25-0000	Educational Instruction and Library	17,960	0.6%	13	5
23-0000	Legal	14,040	0.5%	14	4
47-0000	Construction and Extraction	6,770	0.2%	15	2
37-0000	Building and Grounds Cleaning and Maintenance	5,510	0.2%	16	2
33-0000	Protective Service	4,760	0.2%	17	1
19-0000	Life, Physical, and Social Science	3,780	0.1%	18	1
29-0000	Healthcare Practitioners and Technical	3,100	0.1%	19	1
21-0000	Community and Social Service	1,110	0.0%	20	0
31-0000	Healthcare Support	250	0.0%	21	0
15-0000	Computer and Mathematical	748,590	24.6%	1	225
Total		3,039,940	100.0%		913
		913	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.14 – Manufacturing					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
51-0000	Production	6,263,050	48.8%	1	444
53-0000	Transportation and Material Moving	1,158,820	9.0%	2	82
43-0000	Office and Administrative Support	980,920	7.6%	3	70
11-0000	Management	849,770	6.6%	4	60
17-0000	Architecture and Engineering	782,730	6.1%	5	56
49-0000	Installation, Maintenance, and Repair	690,690	5.4%	6	49
13-0000	Business and Financial Operations	647,340	5.0%	7	46
41-0000	Sales and Related	417,230	3.3%	8	30
15-0000	Computer and Mathematical	331,370	2.6%	9	24
47-0000	Construction and Extraction	199,580	1.6%	10	14
19-0000	Life, Physical, and Social Science	152,560	1.2%	11	11
35-0000	Food Preparation and Serving Related	132,220	1.0%	12	9
27-0000	Arts, Design, Entertainment, Sports, and Media	84,370	0.7%	13	6
37-0000	Building and Grounds Cleaning and Maintenance	78,060	0.6%	14	6
45-0000	Farming, Fishing, and Forestry	32,300	0.3%	15	2
29-0000	Healthcare Practitioners and Technical	12,090	0.1%	16	1
33-0000	Protective Service	11,310	0.1%	17	1
23-0000	Legal	7,190	0.1%	18	1
39-0000	Personal Care and Service	1,730	0.0%	19	0
31-0000	Healthcare Support	1,070	0.0%	20	0
25-0000	Educational Instruction and Library	420	0.0%	21	0
21-0000	Community and Social Service	200	0.0%	22	0
Total		12,835,020	100.0%		910
		910	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.14 – Arts, Design, Entertainment, Sports, and Media					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
39-0000	Personal Care and Service	726,040	28.8%	1	252
35-0000	Food Preparation and Serving Related	330,940	13.1%	2	115
43-0000	Office and Administrative Support	246,840	9.8%	3	86
27-0000	Arts, Design, Entertainment, Sports, and Media	242,290	9.6%	4	84
37-0000	Building and Grounds Cleaning and Maintenance	175,380	6.9%	5	61
41-0000	Sales and Related	172,100	6.8%	6	60
11-0000	Management	167,680	6.6%	7	58
33-0000	Protective Service	101,880	4.0%	8	35
13-0000	Business and Financial Operations	101,030	4.0%	9	35
49-0000	Installation, Maintenance, and Repair	93,740	3.7%	10	33
25-0000	Educational Instruction and Library	58,390	2.3%	11	20
53-0000	Transportation and Material Moving	55,250	2.2%	12	19
15-0000	Computer and Mathematical	13,140	0.5%	13	5
47-0000	Construction and Extraction	9,870	0.4%	14	3
51-0000	Production	6,580	0.3%	15	2
29-0000	Healthcare Practitioners and Technical	6,260	0.2%	16	2
31-0000	Healthcare Support	4,540	0.2%	17	2
45-0000	Farming, Fishing, and Forestry	3,660	0.1%	18	1
19-0000	Life, Physical, and Social Science	3,470	0.1%	19	1
21-0000	Community and Social Service	2,220	0.1%	20	1
17-0000	Architecture and Engineering	1,390	0.1%	21	0
23-0000	Legal	950	0.0%	22	0
Total		2,523,640	100.0%		876
		876	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.15 – Wholesale Trade					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
53-0000	Transportation and Material Moving	1,465,580	24.4%	1	211
41-0000	Sales and Related	1,321,960	22.0%	2	190
43-0000	Office and Administrative Support	892,520	14.8%	3	128
11-0000	Management	605,370	10.1%	4	87
49-0000	Installation, Maintenance, and Repair	430,870	7.2%	5	62
13-0000	Business and Financial Operations	401,240	6.7%	6	58
51-0000	Production	337,240	5.6%	7	48
15-0000	Computer and Mathematical	196,230	3.3%	8	28
27-0000	Arts, Design, Entertainment, Sports, and Media	100,120	1.7%	9	14
17-0000	Architecture and Engineering	73,350	1.2%	10	11
45-0000	Farming, Fishing, and Forestry	45,390	0.8%	11	7
47-0000	Construction and Extraction	32,920	0.5%	12	5
29-0000	Healthcare Practitioners and Technical	32,680	0.5%	13	5
37-0000	Building and Grounds Cleaning and Maintenance	25,780	0.4%	14	4
19-0000	Life, Physical, and Social Science	24,670	0.4%	15	4
35-0000	Food Preparation and Serving Related	11,490	0.2%	16	2
23-0000	Legal	5,200	0.1%	17	1
33-0000	Protective Service	3,990	0.1%	18	1
31-0000	Healthcare Support	2,630	0.0%	19	0
39-0000	Personal Care and Service	1,910	0.0%	20	0
25-0000	Educational Instruction and Library	1,240	0.0%	21	0
21-0000	Community and Social Service	830	0.0%	22	0
Total		6,013,210	100.0%		865
		865	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.16 – Transportation & Warehousing					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
53-0000	Transportation and Material Moving	4,673,120	63.7%	1	418
43-0000	Office and Administrative Support	1,433,490	19.5%	2	128
49-0000	Installation, Maintenance, and Repair	360,170	4.9%	3	32
11-0000	Management	260,190	3.5%	4	23
13-0000	Business and Financial Operations	170,040	2.3%	5	15
41-0000	Sales and Related	91,470	1.2%	6	8
51-0000	Production	86,500	1.2%	7	8
33-0000	Protective Service	53,680	0.7%	8	5
15-0000	Computer and Mathematical	45,740	0.6%	9	4
37-0000	Building and Grounds Cleaning and Maintenance	43,590	0.6%	10	4
47-0000	Construction and Extraction	37,150	0.5%	11	3
17-0000	Architecture and Engineering	25,530	0.3%	12	2
19-0000	Life, Physical, and Social Science	18,790	0.3%	13	2
39-0000	Personal Care and Service	12,300	0.2%	14	1
27-0000	Arts, Design, Entertainment, Sports, and Media	7,940	0.1%	15	1
35-0000	Food Preparation and Serving Related	5,970	0.1%	16	1
45-0000	Farming, Fishing, and Forestry	2,980	0.0%	17	0
23-0000	Legal	1,500	0.0%	18	0
29-0000	Healthcare Practitioners and Technical	1,460	0.0%	19	0
25-0000	Educational Instruction and Library	1,350	0.0%	20	0
21-0000	Community and Social Service	230	0.0%	21	0
31-0000	Healthcare Support	190	0.0%	22	0
Total		7,333,380	100.0%		657
		657	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.17 – Management of Companies & Enterprises					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
13-0000	Business and Financial Operations Occupations	654,180	23.6%	1	15
11-0000	Management Occupations	593,600	21.4%	2	13
43-0000	Office and Administrative Support Occupations	547,900	19.8%	3	12
15-0000	Computer and Mathematical Occupations	345,890	12.5%	4	8
41-0000	Sales and Related Occupations	122,040	4.4%	5	3
17-0000	Architecture and Engineering Occupations	74,710	2.7%	6	2
29-0000	Healthcare Practitioners and Technical Occupations	71,380	2.6%	7	2
53-0000	Transportation and Material Moving Occupations	64,210	2.3%	8	1
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	51,320	1.9%	9	1
49-0000	Installation, Maintenance, and Repair Occupations	47,900	1.7%	10	1
23-0000	Legal Occupations	30,620	1.1%	11	1
19-0000	Life, Physical, and Social Science Occupations	28,160	1.0%	12	1
51-0000	Production Occupations	27,580	1.0%	13	1
21-0000	Community and Social Service Occupations	25,520	0.9%	14	1
35-0000	Food Preparation and Serving Related Occupations	19,670	0.7%	15	0
31-0000	Healthcare Support Occupations	18,910	0.7%	16	0
33-0000	Protective Service Occupations	12,060	0.4%	17	0
47-0000	Construction and Extraction Occupations	11,550	0.4%	18	0
37-0000	Building and Grounds Cleaning and Maintenance Occupations	9,600	0.3%	19	0
25-0000	Educational Instruction and Library Occupations	7,250	0.3%	20	0
39-0000	Personal Care and Service Occupations	5,650	0.2%	21	0
45-0000	Farming, Fishing, and Forestry Occupations	1,310	0.0%	22	0
Total		2,771,010	100.0%		62
		62	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.18 – Agriculture, Fishing, Forestry & Hunting					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
45-0000	Farming, Fishing, and Forestry Occupations	654,180	23.6%	1	15
53-0000	Transportation and Material Moving Occupations	593,600	21.4%	2	13
43-0000	Office and Administrative Support Occupations	547,900	19.8%	3	12
51-0000	Production Occupations	345,890	12.5%	4	8
11-0000	Management Occupations	122,040	4.4%	5	3
49-0000	Installation, Maintenance, and Repair Occupations	74,710	2.7%	6	2
39-0000	Personal Care and Service Occupations	71,380	2.6%	7	2
37-0000	Building and Grounds Cleaning and Maintenance Occupations	64,210	2.3%	8	1
13-0000	Business and Financial Operations Occupations	51,320	1.9%	9	1
41-0000	Sales and Related Occupations	47,900	1.7%	10	1
19-0000	Life, Physical, and Social Science Occupations	30,620	1.1%	11	1
47-0000	Construction and Extraction Occupations	28,160	1.0%	12	1
15-0000	Computer and Mathematical Occupations	27,580	1.0%	13	1
33-0000	Protective Service Occupations	25,520	0.9%	14	1
25-0000	Educational Instruction and Library Occupations	19,670	0.7%	15	0
17-0000	Architecture and Engineering Occupations	18,910	0.7%	16	0
29-0000	Healthcare Practitioners and Technical Occupations	12,060	0.4%	17	0
35-0000	Food Preparation and Serving Related Occupations	11,550	0.4%	18	0
Total		413,230	100.0%		54
		54	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.19 – Utilities					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
49-0000	Installation, Maintenance, and Repair Occupations	156,510	27.7%	1	5
43-0000	Office and Administrative Support Occupations	80,520	14.3%	2	3
51-0000	Production Occupations	75,930	13.4%	3	2
13-0000	Business and Financial Operations Occupations	54,190	9.6%	4	2
11-0000	Management Occupations	48,330	8.6%	5	2
17-0000	Architecture and Engineering Occupations	47,490	8.4%	6	1
47-0000	Construction and Extraction Occupations	38,270	6.8%	7	1
15-0000	Computer and Mathematical Occupations	19,340	3.4%	8	1
53-0000	Transportation and Material Moving Occupations	11,420	2.0%	9	0
19-0000	Life, Physical, and Social Science Occupations	10,660	1.9%	10	0
41-0000	Sales and Related Occupations	9,310	1.6%	11	0
33-0000	Protective Service Occupations	5,540	1.0%	12	0
37-0000	Building and Grounds Cleaning and Maintenance Occupations	2,820	0.5%	13	0
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	2,450	0.4%	14	0
23-0000	Legal Occupations	1,630	0.3%	15	0
45-0000	Farming, Fishing, and Forestry Occupations	170	0.0%	16	0
29-0000	Healthcare Practitioners and Technical Occupations	70	0.0%	17	0
25-0000	Educational Instruction and Library Occupations	50	0.0%	18	0
Total		564,700	100.0%		18
		18	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.a.20 – Mining					
SOC	Occupation	Nat'l. Empl.	Nat'l. Empl. Dstrb.	Rank	Est. Cape Coral Jobs
47-0000	Construction and Extraction Occupations	237,450	41.6%	1	5
53-0000	Transportation and Material Moving Occupations	79,320	13.9%	2	2
49-0000	Installation, Maintenance, and Repair Occupations	56,880	10.0%	3	1
11-0000	Management Occupations	45,630	8.0%	4	1
43-0000	Office and Administrative Support Occupations	38,190	6.7%	5	1
51-0000	Production Occupations	33,710	5.9%	6	1
17-0000	Architecture and Engineering Occupations	25,070	4.4%	7	1
13-0000	Business and Financial Operations Occupations	22,580	4.0%	8	0
19-0000	Life, Physical, and Social Science Occupations	12,190	2.1%	9	0
41-0000	Sales and Related Occupations	9,890	1.7%	10	0
15-0000	Computer and Mathematical Occupations	5,460	1.0%	11	0
23-0000	Legal Occupations	1,710	0.3%	12	0
33-0000	Protective Service Occupations	1,170	0.2%	13	0
37-0000	Building and Grounds Cleaning and Maintenance Occupations	1,010	0.2%	14	0
45-0000	Farming, Fishing, and Forestry Occupations	310	0.1%	15	0
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	250	0.0%	16	0
35-0000	Food Preparation and Serving Related Occupations	160	0.0%	17	0
29-0000	Healthcare Practitioners and Technical Occupations	100	0.0%	18	0
39-0000	Personal Care and Service Occupations	80	0.0%	19	0
Total		571,160	100.0%		12
		12	Cape Coral Business Employment		

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.b.1 – Cape Coral Jobs Shortfall Business & Financial Services Cluster					
SOC	Occupation	Shortfall Jobs	Jobs Dstrb.	Rank	Non-Reported in MSA
43-3071	Tellers	104	26.0%	1	
41-3031	Securities, Commodities, and Financial Services Sales Agents	36	9.0%	2	
13-2072	Loan Officers	34	8.5%	3	
41-9041	Telemarketers	28	7.0%	4	■
51-2090	Miscellaneous Assemblers and Fabricators	25	6.3%	5	
51-9199	Production Workers, All Other	24	6.0%	6	
43-4131	Loan Interviewers and Clerks	23	5.8%	7	
43-4141	New Accounts Clerks	15	3.8%	8	■
23-1011	Lawyers	12	3.0%	9	
43-3011	Bill and Account Collectors	10	2.5%	10	
43-6012	Legal Secretaries and Administrative Assistants	9	2.3%	11	
13-2041	Credit Analysts	8	2.0%	12	
13-2061	Financial Examiners	8	2.0%	12	
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	8	2.0%	12	■
43-4011	Brokerage Clerks	7	1.8%	13	■
31-9094	Medical Transcriptionists	4	1.0%	14	
13-2054	Financial Risk Specialists	3	0.8%	15	
33-9091	Crossing Guards and Flaggers	3	0.8%	15	
43-3099	Financial Clerks, All Other	3	0.8%	15	
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	3	0.8%	15	■
27-3092	Court Reporters and Simultaneous Captioners	2	0.5%	16	■
31-9097	Phlebotomists	2	0.5%	16	■
51-4199	Metal Workers and Plastic Workers, All Other	2	0.5%	16	■
51-9198	Helpers--Production Workers	2	0.5%	16	
13-2052	Personal Financial Advisors	1	0.3%	17	
13-2099	Financial Specialists, All Other	1	0.3%	17	
17-2081	Environmental Engineers	1	0.3%	17	■
17-3026	Industrial Engineering Technologists and Technicians	1	0.3%	17	■
19-1042	Medical Scientists, Except Epidemiologists	1	0.3%	17	■
19-2031	Chemists	1	0.3%	17	■
19-2042	Geoscientists, Except Hydrologists and Geographers	1	0.3%	17	■
33-1011	First-Line Supervisors of Correctional Officers	1	0.3%	17	
33-3012	Correctional Officers and Jailers	1	0.3%	17	

35-2019	Cooks, All Other	1	0.3%	17	■
43-2011	Switchboard Operators, Including Answering Service	1	0.3%	17	
43-4041	Credit Authorizers, Checkers, and Clerks	1	0.3%	17	■
47-2231	Solar Photovoltaic Installers	1	0.3%	17	■
49-9043	Maintenance Workers, Machinery	1	0.3%	17	■
49-9044	Millwrights	1	0.3%	17	■
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	1	0.3%	17	■
51-3023	Slaughterers and Meat Packers	1	0.3%	17	■
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1	0.3%	17	■
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1	0.3%	17	■
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	1	0.3%	17	■
51-5113	Print Binding and Finishing Workers	1	0.3%	17	■
51-8021	Stationary Engineers and Boiler Operators	1	0.3%	17	
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	1	0.3%	17	■
51-9111	Packaging and Filling Machine Operators and Tenders	1	0.3%	17	
53-7063	Machine Feeders and Offbearers	1	0.3%	17	■
Total Jobs		400	100%		
Total # of Occupations				49	
Total # of Occupations non-reported in MSA					26

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.b.2 – Cape Coral Jobs Shortfall Community Services Cluster					
SOC	Occupation	Jobs Shortfall	Jobs Dstrb.	Rank	Non-Reported in MSA
33-3051	Police and Sheriff's Patrol Officers	148	15.7%	1	
33-3012	Correctional Officers and Jailers	118	12.5%	2	
47-4051	Highway Maintenance Workers	55	5.8%	3	■
33-2011	Firefighters	47	5.0%	4	
53-3052	Bus Drivers, Transit and Intercity	47	5.0%	4	■
21-1092	Probation Officers and Correctional Treatment Specialists	34	3.6%	5	■
33-1012	First-Line Supervisors of Police and Detectives	31	3.3%	6	
43-4031	Court, Municipal, and License Clerks	25	2.7%	7	
43-4061	Eligibility Interviewers, Government Programs	25	2.7%	7	

33-1011	First-Line Supervisors of Correctional Officers	20	2.1%	8	■
43-4121	Library Assistants, Clerical	20	2.1%	8	■
43-5031	Public Safety Telecommunicators	20	2.1%	8	
33-3021	Detectives and Criminal Investigators	19	2.0%	9	
25-4031	Library Technicians	17	1.8%	10	■
51-8031	Water and Wastewater Treatment Plant and System Operators	15	1.6%	11	
15-1299	Computer Occupations, All Other	14	1.5%	12	
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	12	1.3%	13	
23-1023	Judges, Magistrate Judges, and Magistrates	10	1.1%	14	■
19-4071	Forest and Conservation Technicians	9	1.0%	15	■
11-1031	Legislators	8	0.8%	16	
19-3099	Social Scientists and Related Workers, All Other	8	0.8%	16	■
13-2081	Tax Examiners and Collectors, and Revenue Agents	7	0.7%	17	
17-2199	Engineers, All Other	7	0.7%	17	
21-1015	Rehabilitation Counselors	7	0.7%	17	
19-1031	Conservation Scientists	6	0.6%	18	■
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	6	0.6%	18	■
25-4022	Librarians and Media Collections Specialists	6	0.6%	18	
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	6	0.6%	18	■
33-3011	Bailiffs	6	0.6%	18	■
33-9091	Crossing Guards and Flaggers	6	0.6%	18	
53-2021	Air Traffic Controllers	6	0.6%	18	■
17-2081	Environmental Engineers	5	0.5%	19	■
23-1012	Judicial Law Clerks	5	0.5%	19	■
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	5	0.5%	19	
43-4199	Information and Record Clerks, All Other	5	0.5%	19	
53-4041	Subway and Streetcar Operators	5	0.5%	19	■
53-6051	Transportation Inspectors	5	0.5%	19	■
11-9039	Education Administrators, All Other	4	0.4%	20	■
19-1023	Zoologists and Wildlife Biologists	4	0.4%	20	■
19-2031	Chemists	4	0.4%	20	■
19-2099	Physical Scientists, All Other	4	0.4%	20	■
19-3011	Economists	4	0.4%	20	■
19-3051	Urban and Regional Planners	4	0.4%	20	
19-4099	Life, Physical, and Social Science Technicians, All Other	4	0.4%	20	■
27-3092	Court Reporters and Simultaneous Captioners	4	0.4%	20	■
33-9011	Animal Control Workers	4	0.4%	20	■
43-5041	Meter Readers, Utilities	4	0.4%	20	■

13-2099	Financial Specialists, All Other	3	0.3%	21	
15-1221	Computer and Information Research Scientists	3	0.3%	21	■
15-2041	Statisticians	3	0.3%	21	■
17-2011	Aerospace Engineers	3	0.3%	21	■
17-2072	Electronics Engineers, Except Computer	3	0.3%	21	
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	3	0.3%	21	
19-1029	Biological Scientists, All Other	3	0.3%	21	
19-1041	Epidemiologists	3	0.3%	21	■
19-3039	Psychologists, All Other	3	0.3%	21	■
25-3099	Teachers and Instructors, All Other	3	0.3%	21	
31-1133	Psychiatric Aides	3	0.3%	21	■
33-3031	Fish and Game Wardens	3	0.3%	21	■
45-2011	Agricultural Inspectors	3	0.3%	21	■
53-4031	Railroad Conductors and Yardmasters	3	0.3%	21	■
53-6041	Traffic Technicians	3	0.3%	21	■
13-1031	Claims Adjusters, Examiners, and Investigators	2	0.2%	22	
13-2020	Property Appraisers and Assessors	2	0.2%	22	
17-1021	Cartographers and Photogrammetrists	2	0.2%	22	■
17-2061	Computer Hardware Engineers	2	0.2%	22	■
17-3022	Civil Engineering Technologists and Technicians	2	0.2%	22	
19-1022	Microbiologists	2	0.2%	22	■
19-2042	Geoscientists, Except Hydrologists and Geographers	2	0.2%	22	■
21-1019	Counselors, All Other	2	0.2%	22	■
33-3041	Parking Enforcement Workers	2	0.2%	22	■
33-9094	School Bus Monitors	2	0.2%	22	■
47-4061	Rail-Track Laying and Maintenance Equipment Operators	2	0.2%	22	■
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	2	0.2%	22	■
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	2	0.2%	22	■
51-8021	Stationary Engineers and Boiler Operators	2	0.2%	22	■
53-5011	Sailors and Marine Oilers	2	0.2%	22	■
11-9161	Emergency Management Directors	1	0.1%	23	
17-2161	Nuclear Engineers	1	0.1%	23	■
17-3025	Environmental Engineering Technologists and Technicians	1	0.1%	23	■
19-1032	Foresters	1	0.1%	23	■
19-2012	Physicists	1	0.1%	23	■
19-2021	Atmospheric and Space Scientists	1	0.1%	23	■
19-3091	Anthropologists and Archeologists	1	0.1%	23	■
19-3094	Political Scientists	1	0.1%	23	■
19-4044	Hydrologic Technicians	1	0.1%	23	■

21-1021	Child, Family, and School Social Workers	1	0.1%	23	
21-1094	Community Health Workers	1	0.1%	23	
23-1022	Arbitrators, Mediators, and Conciliators	1	0.1%	23	■
23-2099	Legal Support Workers, All Other	1	0.1%	23	
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	1	0.1%	23	■
25-4013	Museum Technicians and Conservators	1	0.1%	23	■
27-1019	Artists and Related Workers, All Other	1	0.1%	23	■
27-4099	Media and Communication Equipment Workers, All Other	1	0.1%	23	■
29-1125	Recreational Therapists	1	0.1%	23	■
29-1223	Psychiatrists	1	0.1%	23	■
33-2021	Fire Inspectors and Investigators	1	0.1%	23	
33-3052	Transit and Railroad Police	1	0.1%	23	■
39-9099	Personal Care and Service Workers, All Other	1	0.1%	23	■
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	1	0.1%	23	■
45-4011	Forest and Conservation Workers	1	0.1%	23	■
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	1	0.1%	23	■
49-3043	Rail Car Repairers	1	0.1%	23	■
49-9043	Maintenance Workers, Machinery	1	0.1%	23	■
49-9069	Precision Instrument and Equipment Repairers, All Other	1	0.1%	23	■
49-9097	Signal and Track Switch Repairers	1	0.1%	23	■
51-8099	Plant and System Operators, All Other	1	0.1%	23	■
53-2011	Airline Pilots, Copilots, and Flight Engineers	1	0.1%	23	■
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	1	0.1%	23	■
Total Jobs		942	100.0%		
Total # of Occupations				109	
Total # of Occupations non-reported in MSA					76

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.b.3 – Cape Coral Jobs Shortfall Consumer Products & Services Cluster					
SOC	Occupation	Jobs Shortfall	Jobs Dstrb.	Rank	Non-Reported in MSA
41-4011	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	12	40.0%	1	
49-9062	Shipping, Receiving, and Inventory Clerks	5	16.7%	2	
49-3091	Bicycle Repairers	4	13.3%	3	■
27-1023	Floral Designers	3	10.0%	4	

41-9031	Production, Planning, and Expediting Clerks	2	6.7%	5	■
17-2031	Electric Motor, Power Tool, and Related Repairers	1	3.3%	6	■
49-9063	Musical Instrument Repairers and Tuners	1	3.3%	6	■
49-9069	Billing and Posting Clerks	1	3.3%	6	■
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	1	3.3%	6	■
Total Jobs		30	100.0%		
Total # of Occupations				9	
Total # of Occupations non-reported in MSA					6

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.b.4 – Cape Coral Jobs Shortfall Culinary Tourism Cluster					
SOC	Occupation	Jobs Shortfall	Jobs Dstrb.	Rank	Non-Reported in MSA
35-9099	Food Preparation and Serving Related Workers, All Other	1	50.0%	1	■
35-2019	Cooks, All Other	1	50.0%	1	■
Total Jobs		2	100.0%		
Total # of Occupations				2	
Total # of Occupations non-reported in MSA					2

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.b.5 – Cape Coral Jobs Shortfall Healthcare & Life Sciences Cluster					
SOC	Occupation	Jobs Shortfall	Jobs Dstrb.	Rank	Non-Reported in MSA
29-1141	Registered Nurses	88	31.4%	1	
31-9097	Phlebotomists	36	12.9%	2	■
19-1042	Medical Scientists, Except Epidemiologists	18	6.4%	3	■
31-1120	Home Health and Personal Care Aides	16	5.7%	4	
29-1126	Respiratory Therapists	9	3.2%	5	
29-1224	Radiologists	8	2.9%	6	■
29-1071	Physician Assistants	7	2.5%	7	
29-1249	Surgeons, All Other	6	2.1%	8	■
29-2055	Surgical Technologists	6	2.1%	8	
29-2034	Radiologic Technologists and Technicians	5	1.8%	9	
31-9093	Medical Equipment Preparers	5	1.8%	9	
29-1124	Radiation Therapists	4	1.4%	10	■

29-1215	Family Medicine Physicians	4	1.4%	10	
29-1218	Obstetricians and Gynecologists	4	1.4%	10	■
29-1223	Psychiatrists	4	1.4%	10	■
29-2032	Diagnostic Medical Sonographers	4	1.4%	10	
19-1021	Biochemists and Biophysicists	3	1.1%	11	■
29-1212	Cardiologists	3	1.1%	11	■
29-1213	Dermatologists	3	1.1%	11	■
29-1221	Pediatricians, General	3	1.1%	11	
29-1242	Orthopedic Surgeons, Except Pediatric	3	1.1%	11	■
29-9093	Surgical Assistants	3	1.1%	11	■
31-1133	Psychiatric Aides	3	1.1%	11	■
17-2061	Computer Hardware Engineers	2	0.7%	12	■
19-2031	Chemists	2	0.7%	12	■
19-4099	Life, Physical, and Social Science Technicians, All Other	2	0.7%	12	■
29-1125	Recreational Therapists	2	0.7%	12	■
29-1211	Anesthesiologists	2	0.7%	12	
29-1217	Neurologists	2	0.7%	12	■
29-1222	Physicians, Pathologists	2	0.7%	12	■
29-1241	Ophthalmologists, Except Pediatric	2	0.7%	12	■
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	2	0.7%	12	■
15-1221	Computer and Information Research Scientists	1	0.4%	13	■
15-2041	Statisticians	1	0.4%	13	■
17-2011	Aerospace Engineers	1	0.4%	13	■
17-2031	Bioengineers and Biomedical Engineers	1	0.4%	13	■
17-3027	Mechanical Engineering Technologists and Technicians	1	0.4%	13	■
19-1022	Microbiologists	1	0.4%	13	■
19-2012	Physicists	1	0.4%	13	■
19-4021	Biological Technicians	1	0.4%	13	
19-4031	Chemical Technicians	1	0.4%	13	■
19-4061	Social Science Research Assistants	1	0.4%	13	■
29-1128	Exercise Physiologists	1	0.4%	13	■
29-1161	Nurse Midwives	1	0.4%	13	■
29-1181	Audiologists	1	0.4%	13	■
29-9099	Healthcare Practitioners and Technical Workers, All Other	1	0.4%	13	
31-9094	Medical Transcriptionists	1	0.4%	13	

51-8021	Stationary Engineers and Boiler Operators	1	0.4%	13	■
51-9083	Ophthalmic Laboratory Technicians	1	0.4%	13	■
Total Jobs		280	100.0%		
Total # of Occupations				49	
Total # of Occupations non-reported in MSA					35

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.b.6 – Cape Coral Jobs Shortfall Industrial Services Cluster					
SOC	Occupation	Jobs Shortfall	Jobs Dstrb.	Rank	Non-Reported in MSA
49-3041	Farm Equipment Mechanics and Service Technicians	3	21.4%	1	■
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	2	14.3%	2	■
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	2	14.3%	2	■
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	2	14.3%	2	■
49-9044	Millwrights	1	7.1%	3	■
49-9081	Wind Turbine Service Technicians	1	7.1%	3	■
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1	7.1%	3	■
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1	7.1%	3	■
51-4111	Tool and Die Makers	1	7.1%	3	■
Total Jobs		14	100.0%		
Total # of Occupations				9	
Total # of Occupations non-reported in MSA					9

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.b.7 – Cape Coral Jobs Shortfall IT & Media Cluster					
SOC	Occupation	Jobs Shortfall	Jobs Dstrb.	Rank	Non-Reported in MSA
15-1252	Software Developers	12	36.4%	1	
27-1014	Special Effects Artists and Animators	4	12.1%	2	■
17-2061	Computer Hardware Engineers	3	9.1%	3	■
27-2011	Actors	3	9.1%	3	■
41-9031	Sales Engineers	3	9.1%	3	■
15-1221	Computer and Information Research Scientists	2	6.1%	4	■

27-3011	Broadcast Announcers and Radio Disc Jockeys	2	6.1%	4	
27-4014	Sound Engineering Technicians	2	6.1%	4	■
49-2097	Audiovisual Equipment Installers and Repairers	1	3.0%	5	■
49-9069	Precision Instrument and Equipment Repairers, All Other	1	3.0%	5	■
Total Jobs		33	100.0%		
Total # of Occupations				10	
Total # of Occupations non-reported in MSA					8

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.b.8 – Cape Coral Jobs Shortfall Sustainable Real Estate Cluster					
SOC	Occupation	Jobs Shortfall	Jobs Dstrb.	Rank	Non-Reported in MSA
17-1011	Architects, Except Landscape and Naval	6	35.3%	1	
11-9041	Architectural and Engineering Managers	1	5.9%	2	
17-2011	Aerospace Engineers	1	5.9%	2	■
17-2061	Computer Hardware Engineers	1	5.9%	2	■
17-2081	Environmental Engineers	1	5.9%	2	■
17-3025	Environmental Engineering Technologists and Technicians	1	5.9%	2	■
17-3026	Industrial Engineering Technologists and Technicians	1	5.9%	2	■
17-3027	Mechanical Engineering Technologists and Technicians	1	5.9%	2	■
19-2031	Chemists	1	5.9%	2	■
19-2042	Geoscientists, Except Hydrologists and Geographers	1	5.9%	2	■
19-4031	Chemical Technicians	1	5.9%	2	■
19-4043	Geological Technicians, Except Hydrologic Technicians	1	5.9%	2	■
Total Jobs		17	100.0%		
Total # of Occupations				12	
Total # of Occupations non-reported in MSA					10

Source: Bureau of Labor Statistics (2023)

Appendix Table 10.b.9 - Employment Shortfall Jobs Summary for Target Clusters							
SOC	Occupation	# of Jobs	Rank	Non-Reported in MSA	Typical education needed for entry	Work experience in a related occupation	Typical on-the-job training needed to attain competency in the occupation
33-3051	Police and Sheriff's Patrol Officers	148	1		High school diploma or equivalent	None	Moderate-term on-the-job training
33-3012	Correctional Officers and Jailers	119	2		High school diploma or equivalent	None	Moderate-term on-the-job training
43-3071	Tellers	104	3		High school diploma or equivalent	None	Short-term on-the-job training
29-1141	Registered Nurses	88	4		Bachelor's degree	None	None
47-4051	Highway Maintenance Workers	55	5	■	High school diploma or equivalent	None	Moderate-term on-the-job training
33-2011	Firefighters	47	6		Postsecondary nondegree award	None	Long-term on-the-job training
53-3052	Bus Drivers, Transit and Intercity	47	6	■	High school diploma or equivalent	None	Moderate-term on-the-job training
31-9097	Phlebotomists	38	7	■	Postsecondary nondegree award	None	None
41-3031	Securities, Commodities, and Financial Services Sales Agents	36	8		Bachelor's degree	None	Moderate-term on-the-job training
13-2072	Loan Officers	34	9		Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
21-1092	Probation Officers and Correctional Treatment Specialists	34	9	■	Bachelor's degree	None	Moderate-term on-the-job training
33-1012	First-Line Supervisors of Police and Detectives	31	10		High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
41-9041	Telemarketers	28	11	■	No formal educational credential	None	Short-term on-the-job training
43-4031	Court, Municipal, and License Clerks	25	12		High school diploma or equivalent	None	Long-term on-the-job training
43-4061	Eligibility Interviewers, Government Programs	25	12		High school diploma or equivalent	None	Moderate-term on-the-job training

51-2090	Miscellaneous Assemblers and Fabricators	25	12		High school diploma or equivalent	None	Moderate-term on-the-job training
51-9199	Production Workers, All Other	24	13		High school diploma or equivalent	None	Moderate-term on-the-job training
43-4131	Loan Interviewers and Clerks	23	14		High school diploma or equivalent	None	Short-term on-the-job training
33-1011	First-Line Supervisors of Correctional Officers	21	15	■	High school diploma or equivalent	Less than 5 years	None
43-4121	Library Assistants, Clerical	20	16	■	High school diploma or equivalent	None	Short-term on-the-job training
43-5031	Public Safety Telecommunicators	20	16		High school diploma or equivalent	None	Moderate-term on-the-job training
19-1042	Medical Scientists, Except Epidemiologists	19	17	■	Doctoral or professional degree	None	None
33-3021	Detectives and Criminal Investigators	19	17		High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
25-4031	Library Technicians	17	18	■	Postsecondary nondegree award	None	None
31-1120	Home Health and Personal Care Aides	16	19		High school diploma or equivalent	None	Short-term on-the-job training
43-4141	New Accounts Clerks	15	20	■	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8031	Water and Wastewater Treatment Plant and System Operators	15	20		High school diploma or equivalent	None	Long-term on-the-job training
15-1299	Computer Occupations, All Other	14	21		Bachelor's degree	None	None
15-1252	Software Developers	12	22		Bachelor's degree	None	None
23-1011	Lawyers	12	22		Doctoral or professional degree	None	None
33-1021	First-Line Supervisors of Firefighting and Prevention Workers	12	22		Postsecondary nondegree award	Less than 5 years	Moderate-term on-the-job training
41-4011	Sales Representatives, Wholesale and Manufacturing, Except	12	22		Bachelor's degree	None	Moderate-term on-the-job training

	Technical and Scientific Products						
23-1023	Judges, Magistrate Judges, and Magistrates	10	23	■	Doctoral or professional degree	5 years or more	Short-term on-the-job training
43-3011	Bill and Account Collectors	10	23		High school diploma or equivalent	None	Moderate-term on-the-job training
19-4071	Forest and Conservation Technicians	9	24	■	Associate's degree	None	None
29-1126	Respiratory Therapists	9	24		Associate's degree	None	None
33-9091	Crossing Guards and Flaggers	9	24		No formal educational credential	None	Short-term on-the-job training
43-6012	Legal Secretaries and Administrative Assistants	9	24		High school diploma or equivalent	None	Moderate-term on-the-job training
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	9	24	■	High school diploma or equivalent	None	Moderate-term on-the-job training
11-1031	Legislators	8	25		Bachelor's degree	Less than 5 years	None
13-2041	Credit Analysts	8	25		Bachelor's degree	None	None
13-2061	Financial Examiners	8	25		Bachelor's degree	None	Long-term on-the-job training
17-2061	Computer Hardware Engineers	8	25	■	Bachelor's degree	None	None
19-2031	Chemists	8	25	■	Bachelor's degree	None	None
19-3099	Social Scientists and Related Workers, All Other	8	25	■	Bachelor's degree	None	None
29-1224	Radiologists	8	25	■	Doctoral or professional degree	None	Internship/residency
13-2081	Tax Examiners and Collectors, and Revenue Agents	7	26		Bachelor's degree	None	Moderate-term on-the-job training
17-2081	Environmental Engineers	7	26	■	Bachelor's degree	None	None
17-2199	Engineers, All Other	7	26		Bachelor's degree	None	None

21-1015	Rehabilitation Counselors	7	26		Master's degree	None	None
29-1071	Physician Assistants	7	26		Master's degree	None	None
43-4011	Brokerage Clerks	7	26	■	High school diploma or equivalent	None	Moderate-term on-the-job training
15-1221	Computer and Information Research Scientists	6	27	■	Master's degree	None	None
17-1011	Architects, Except Landscape and Naval	6	27		Bachelor's degree	None	Internship/residency
19-1031	Conservation Scientists	6	27	■	Bachelor's degree	None	None
19-4099	Life, Physical, and Social Science Technicians, All Other	6	27	■	Associate's degree	None	None
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	6	27	■	Doctoral or professional degree	5 years or more	Short-term on-the-job training
25-4022	Librarians and Media Collections Specialists	6	27		Master's degree	None	None
27-3092	Court Reporters and Simultaneous Captioners	6	27	■	Postsecondary nondegree award	None	Short-term on-the-job training
29-1249	Surgeons, All Other	6	27	■	Doctoral or professional degree	None	Internship/residency
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	6	27	■	Master's degree	None	None
29-2055	Surgical Technologists	6	27		Postsecondary nondegree award	None	None
31-1133	Psychiatric Aides	6	27	■	High school diploma or equivalent	None	Short-term on-the-job training
33-3011	Bailiffs	6	27	■	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	6	27	■	High school diploma or equivalent	None	Moderate-term on-the-job training
53-2021	Air Traffic Controllers	6	27	■	Associate's degree	None	Long-term on-the-job training
17-2011	Aerospace Engineers	5	28	■	Bachelor's degree	None	None

23-1012	Judicial Law Clerks	5	28	■	Doctoral or professional degree	None	None
29-1223	Psychiatrists	5	28	■	Doctoral or professional degree	None	Internship/residency
29-2034	Radiologic Technologists and Technicians	5	28		Associate's degree	None	None
31-9093	Medical Equipment Preparers	5	28		High school diploma or equivalent	None	Moderate-term on-the-job training
31-9094	Medical Transcriptionists	5	28		Postsecondary nondegree award	None	None
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	5	28		No formal educational credential	None	Short-term on-the-job training
41-9031	Production, Planning, and Expediting Clerks	5	28	■	Bachelor's degree	None	Moderate-term on-the-job training
43-4199	Information and Record Clerks, All Other	5	28		High school diploma or equivalent	None	Short-term on-the-job training
49-9062	Shipping, Receiving, and Inventory Clerks	5	28		Associate's degree	None	Moderate-term on-the-job training
53-4041	Subway and Streetcar Operators	5	28	■	High school diploma or equivalent	None	Moderate-term on-the-job training
53-6051	Transportation Inspectors	5	28	■	High school diploma or equivalent	None	Moderate-term on-the-job training
11-9039	Education Administrators, All Other	4	29	■	Bachelor's degree	Less than 5 years	None
13-2099	Financial Specialists, All Other	4	29		Bachelor's degree	None	None
15-2041	Statisticians	4	29	■	Master's degree	None	None
19-1023	Zoologists and Wildlife Biologists	4	29	■	Bachelor's degree	None	None
19-2042	Geoscientists, Except Hydrologists and Geographers	4	29	■	Bachelor's degree	None	None
19-2099	Physical Scientists, All Other	4	29	■	Bachelor's degree	None	None
19-3011	Economists	4	29	■	Master's degree	None	None

19-3051	Urban and Regional Planners	4	29		Master's degree	None	None
27-1014	Special Effects Artists and Animators	4	29	■	Bachelor's degree	None	None
29-1124	Radiation Therapists	4	29	■	Associate's degree	None	None
29-1215	Family Medicine Physicians	4	29		Doctoral or professional degree	None	Internship/residency
29-1218	Obstetricians and Gynecologists	4	29	■	Doctoral or professional degree	None	Internship/residency
29-2032	Diagnostic Medical Sonographers	4	29		Associate's degree	None	None
33-9011	Animal Control Workers	4	29	■	High school diploma or equivalent	None	Moderate-term on-the-job training
43-5041	Meter Readers, Utilities	4	29	■	High school diploma or equivalent	None	Short-term on-the-job training
49-3091	Bicycle Repairers	4	29	■	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	4	29	■	High school diploma or equivalent	None	Long-term on-the-job training
13-2054	Financial Risk Specialists	3	30		Bachelor's degree	None	None
17-2072	Electronics Engineers, Except Computer	3	30		Bachelor's degree	None	None
17-3029	Engineering Technologists and Technicians, Except Drafters, All Other	3	30		Associate's degree	None	None
19-1021	Biochemists and Biophysicists	3	30	■	Doctoral or professional degree	None	None
19-1022	Microbiologists	3	30	■	Bachelor's degree	None	None
19-1029	Biological Scientists, All Other	3	30		Bachelor's degree	None	None
19-1041	Epidemiologists	3	30	■	Master's degree	None	None
19-3039	Psychologists, All Other	3	30	■	Master's degree	None	Internship/residency

25-3099	Teachers and Instructors, All Other	3	30		Bachelor's degree	None	None
27-1023	Floral Designers	3	30		High school diploma or equivalent	None	Moderate-term on-the-job training
27-2011	Actors	3	30	■	Some college, no degree	None	Long-term on-the-job training
29-1125	Recreational Therapists	3	30	■	Bachelor's degree	None	None
29-1212	Cardiologists	3	30	■	Doctoral or professional degree	None	Internship/residency
29-1213	Dermatologists	3	30	■	Doctoral or professional degree	None	Internship/residency
29-1221	Pediatricians, General	3	30		Doctoral or professional degree	None	Internship/residency
29-1242	Orthopedic Surgeons, Except Pediatric	3	30	■	Doctoral or professional degree	None	Internship/residency
29-9093	Surgical Assistants	3	30	■	Postsecondary nondegree award	None	None
33-3031	Fish and Game Wardens	3	30	■	Bachelor's degree	None	Moderate-term on-the-job training
43-3099	Financial Clerks, All Other	3	30		High school diploma or equivalent	None	Short-term on-the-job training
45-2011	Agricultural Inspectors	3	30	■	Bachelor's degree	None	Moderate-term on-the-job training
49-3041	Farm Equipment Mechanics and Service Technicians	3	30	■	High school diploma or equivalent	None	Long-term on-the-job training
49-9069	Precision Instrument and Equipment Repairers, All Other	3	30	■	High school diploma or equivalent	None	Long-term on-the-job training
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	3	30	■	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	3	30	■	High school diploma or equivalent	None	Moderate-term on-the-job training

53-4031	Railroad Conductors and Yardmasters	3	30	■	High school diploma or equivalent	None	Moderate-term on-the-job training
53-6041	Traffic Technicians	3	30	■	High school diploma or equivalent	None	Moderate-term on-the-job training
13-1031	Claims Adjusters, Examiners, and Investigators	2	31		High school diploma or equivalent	None	Long-term on-the-job training
13-2020	Property Appraisers and Assessors	2	31		Bachelor's degree	None	Long-term on-the-job training
17-1021	Cartographers and Photogrammetrists	2	31	■	Bachelor's degree	None	None
17-2031	Electric Motor, Power Tool, and Related Repairers	2	31	■	Bachelor's degree	None	None
17-3022	Civil Engineering Technologists and Technicians	2	31		Associate's degree	None	None
17-3025	Environmental Engineering Technologists and Technicians	2	31	■	Associate's degree	None	None
17-3026	Industrial Engineering Technologists and Technicians	2	31	■	Associate's degree	None	None
17-3027	Mechanical Engineering Technologists and Technicians	2	31	■	Associate's degree	None	None
19-2012	Physicists	2	31	■	Doctoral or professional degree	None	None
19-4031	Chemical Technicians	2	31	■	Associate's degree	None	Moderate-term on-the-job training
21-1019	Counselors, All Other	2	31	■	Master's degree	None	None
27-3011	Broadcast Announcers and Radio Disc Jockeys	2	31		Bachelor's degree	None	None
27-4014	Sound Engineering Technicians	2	31	■	Postsecondary nondegree award	None	Short-term on-the-job training
29-1211	Anesthesiologists	2	31		Doctoral or professional degree	None	Internship/residency
29-1217	Neurologists	2	31	■	Doctoral or professional degree	None	Internship/residency

29-1222	Physicians, Pathologists	2	31	■	Doctoral or professional degree	None	Internship/residency
29-1241	Ophthalmologists, Except Pediatric	2	31	■	Doctoral or professional degree	None	Internship/residency
33-3041	Parking Enforcement Workers	2	31	■	High school diploma or equivalent	None	Short-term on-the-job training
33-9094	School Bus Monitors	2	31	■	High school diploma or equivalent	None	Short-term on-the-job training
35-2019	Cooks, All Other	2	31	■	No formal educational credential	None	Moderate-term on-the-job training
47-4061	Rail-Track Laying and Maintenance Equipment Operators	2	31	■	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	2	31	■	High school diploma or equivalent	None	Moderate-term on-the-job training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	2	31	■	Postsecondary nondegree award	Less than 5 years	Moderate-term on-the-job training
49-9043	Maintenance Workers, Machinery	2	31	■	High school diploma or equivalent	None	Long-term on-the-job training
49-9044	Millwrights	2	31	■	High school diploma or equivalent	None	Apprenticeship
51-4193	Plating Machine Setters, Operators, and Tenders, Metal and Plastic	2	31	■	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4199	Metal Workers and Plastic Workers, All Other	2	31	■	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	2	31	■	High school diploma or equivalent	None	Short-term on-the-job training
53-5011	Sailors and Marine Oilers	2	31	■	No formal educational credential	None	Moderate-term on-the-job training
11-9041	Architectural and Engineering Managers	1	32		Bachelor's degree	5 years or more	None
11-9161	Emergency Management Directors	1	32		Bachelor's degree	5 years or more	None
13-2052	Personal Financial Advisors	1	32		Bachelor's degree	None	Long-term on-the-job training

17-2161	Nuclear Engineers	1	32	■	Bachelor's degree	None	None
19-1032	Foresters	1	32	■	Bachelor's degree	None	None
19-2021	Atmospheric and Space Scientists	1	32	■	Bachelor's degree	None	None
19-3091	Anthropologists and Archeologists	1	32	■	Master's degree	None	None
19-3094	Political Scientists	1	32	■	Master's degree	None	None
19-4021	Biological Technicians	1	32		Bachelor's degree	None	None
19-4043	Geological Technicians, Except Hydrologic Technicians	1	32	■	Associate's degree	None	Moderate-term on-the-job training
19-4044	Hydrologic Technicians	1	32	■	Associate's degree	None	Moderate-term on-the-job training
19-4061	Social Science Research Assistants	1	32	■	Bachelor's degree	None	None
21-1021	Child, Family, and School Social Workers	1	32		Bachelor's degree	None	None
21-1094	Community Health Workers	1	32		High school diploma or equivalent	None	Short-term on-the-job training
23-1022	Arbitrators, Mediators, and Conciliators	1	32	■	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
23-2099	Legal Support Workers, All Other	1	32		Associate's degree	None	None
25-3011	Adult Basic Education, Adult Secondary Education, and English as a Second Language Instructors	1	32	■	Bachelor's degree	None	None
25-4013	Museum Technicians and Conservators	1	32	■	Bachelor's degree	None	None
27-1019	Artists and Related Workers, All Other	1	32	■	No formal educational credential	None	Long-term on-the-job training
27-4099	Media and Communication Equipment Workers, All Other	1	32	■	High school diploma or equivalent	None	Short-term on-the-job training
29-1128	Exercise Physiologists	1	32	■	Bachelor's degree	None	None

29-1161	Nurse Midwives	1	32	■	Master's degree	None	None
29-1181	Audiologists	1	32	■	Doctoral or professional degree	None	None
29-9099	Healthcare Practitioners and Technical Workers, All Other	1	32		Postsecondary nondegree award	None	None
33-2021	Fire Inspectors and Investigators	1	32		Postsecondary nondegree award	5 years or more	Moderate-term on-the-job training
33-3052	Transit and Railroad Police	1	32		High school diploma or equivalent	None	Moderate-term on-the-job training
35-9099	Food Preparation and Serving Related Workers, All Other	1	32	■	No formal educational credential	None	Short-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	1	32	■	High school diploma or equivalent	None	Short-term on-the-job training
43-2011	Switchboard Operators, Including Answering Service	1	32		High school diploma or equivalent	None	Short-term on-the-job training
43-4041	Credit Authorizers, Checkers, and Clerks	1	32	■	High school diploma or equivalent	None	Moderate-term on-the-job training
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	1	32	■	High school diploma or equivalent	Less than 5 years	None
45-4011	Forest and Conservation Workers	1	32	■	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2231	Solar Photovoltaic Installers	1	32	■	High school diploma or equivalent	None	Moderate-term on-the-job training
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipment	1	32	■	Postsecondary nondegree award	None	Long-term on-the-job training
49-2097	Audiovisual Equipment Installers and Repairers	1	32	■	Postsecondary nondegree award	None	Short-term on-the-job training
49-3043	Rail Car Repairers	1	32	■	High school diploma or equivalent	None	Long-term on-the-job training
49-9063	Musical Instrument Repairers and Tuners	1	32	■	High school diploma or equivalent	None	Apprenticeship

49-9081	Wind Turbine Service Technicians	1	32	■	Postsecondary nondegree award	None	Long-term on-the-job training
49-9097	Signal and Track Switch Repairers	1	32	■	High school diploma or equivalent	None	Moderate-term on-the-job training
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	1	32	■	High school diploma or equivalent	None	Moderate-term on-the-job training
51-3023	Slaughterers and Meat Packers	1	32	■	No formal educational credential	None	Short-term on-the-job training
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1	32	■	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4034	Lathe and Turning Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1	32	■	High school diploma or equivalent	None	Moderate-term on-the-job training
51-4111	Tool and Die Makers	1	32	■	Postsecondary nondegree award	None	Long-term on-the-job training
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	1	32	■	High school diploma or equivalent	None	Moderate-term on-the-job training
51-5113	Print Binding and Finishing Workers	1	32	■	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8099	Plant and System Operators, All Other	1	32	■	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	1	32	■	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	1	32	■	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	1	32	■	High school diploma or equivalent	None	Moderate-term on-the-job training
53-2011	Airline Pilots, Copilots, and Flight Engineers	1	32	■	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
53-7063	Machine Feeders and Offbearers	1	32	■	No formal educational credential	None	Short-term on-the-job training
Total shortfall jobs		1,718					
Count shortfall occups.		202					
Total Non-Reported MSA jobs		657					

Total Non-Reported MSA occupies.	131	
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Source: Bureau of Labor Statistics (2023)