



Task 10 Report – Appendices

prepared for:

City of Cape Coral Office of Economic and Business Development

Cape Coral City Hall 1015 Cultural Park Blvd., 2nd Fl. Cape Coral, FL 33990

prepared by:



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Appendi	x Table 10.a.1 – Retail Trade				
			Nat'l. Empl.		Est. Cape
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	Coral Jobs
41-0000	Sales and Related	7,560,970	48.5%	1	3,144
	Transportation and Material				
53-0000	Moving	2,921,740	18.8%	2	1,215
43-0000	Office and Administrative Support	1,332,920	8.6%	3	554
	Installation, Maintenance, and				
49-0000	Repair	772,130	5.0%	4	321
11-0000	Management	631,880	4.1%	5	263
	Healthcare Practitioners and				
29-0000	Technical	566,980	3.6%	6	236
	Food Preparation and Serving				
35-0000	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
	Arts, Design, Entertainment,				
27-0000	Sports, and Media	169,570	1.1%	10	71
	Building and Grounds Cleaning and				
37-0000	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 E				isiness Employ	ment







Appendi	x Table 10.a.2 – Healthcare & S	Tociai Assista			Fat Care
506		North Earth	Nat'l. Empl.	D I	Est. Cape
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	Coral Job
	Healthcare Practitioners and		22.53/	_	
29-0000	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
	Food Preparation and Serving				
35-0000	Related	512,750	2.3%	8	123
13-0000	Business and Financial Operations	469,080	2.1%	9	111
	Building and Grounds Cleaning and				
37-0000	Maintenance	413,710	1.9%	10	98
	Installation, Maintenance, and				
49-0000	Repair	165,540	0.8%	11	39
	Transportation and Material				
53-0000	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	1
	Arts, Design, Entertainment,	,			
27-0000	Sports, and Media	39,840	0.2%	18	
47-0000	Construction and Extraction	18,810	0.1%	19	
23-0000	Legal	8,270	0.0%	20	
17-0000	Architecture and Engineering	5,370	0.0%	21	
45-0000	Farming, Fishing, and Forestry	2,230	0.0%	22	
Total		22,068,570	100.0%		5,226
· Jui		5,226	Cape Coral Bu	isiness Emplo	







Appendi	x Table 10.a.3 – Accommodation	on & Food Se			
			Nat'l. Empl.		Est. Cape
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	Coral Jobs
	Food Preparation and Serving				
35-0000	Related	10,989,090	78.9%	1	3,971
	Building and Grounds Cleaning and				
37-0000	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
	Transportation and Material				
53-0000	Moving	279,220	2.0%	6	101
	Installation, Maintenance, and				
49-0000	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
	Arts, Design, Entertainment,				
27-0000	Sports, and Media	20,310	0.1%	12	7
31-0000	Healthcare Support	11,470	0.1%	13	4
	Healthcare Practitioners and				
29-0000	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	C
19-0000	Life, Physical, and Social Science	630	0.0%	20	C
21-0000	Community and Social Service	430	0.0%	21	C
23-0000	Legal	190	0.0%	22	C
Total		13,927,930	100.0%		5,033
		5,033	Cape Coral Bu	isiness Employ	•







Appendi	x Table 10.a.4 – Construction				
			Nat'l. Empl.		Est. Cape
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	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
	Installation, Maintenance, and				
49-0000	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
	Transportation and Material				
53-0000	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
	Building and Grounds Cleaning and				
37-0000	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
	Arts, Design, Entertainment,				
27-0000	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	C
	Food Preparation and Serving				
35-0000	Related	910	0.0%	17	
39-0000	Personal Care and Service	530	0.0%	18	C
25-0000	Educational Instruction and Library	210	0.0%	19	C
21-0000	Community and Social Service	200	0.0%	20	C
31-0000	Healthcare Support	110	0.0%	21	C
	Healthcare Practitioners and				
29-0000	Technical	100	0.0%	22	
Total		7,921,110	100.0%		3,974
		3,974		ısiness Employ	•







Append	ix Table 10.a.5 – Educational Se	rvices			
			Nat'l. Empl.		Est. Cape
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	Coral Job
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
	Building and Grounds Cleaning and				
37-0000	Maintenance	460,480	7.8%	4	311
21-0000	Community and Social Service	445,380	6.1%	5	243
13-0000	Business and Financial Operations	404,880	3.1%	6	123
	Food Preparation and Serving				
35-0000	Related	362,750	2.1%	7	84
	Healthcare Practitioners and				
29-0000	Technical	314,810	1.6%	8	64
	Arts, Design, Entertainment,				
27-0000	Sports, and Media	269,580	1.3%	9	52
15-0000	Computer and Mathematical	246,890	0.5%	10	19
	Transportation and Material				
53-0000	Moving	240,490	0.3%	11	1:
39-0000	Personal Care and Service	209,980	0.3%	12	1:
33-0000	Protective Service	189,630	0.2%	13	
19-0000	Life, Physical, and Social Science	182,470	0.1%	14	4
	Installation, Maintenance, and				
49-0000	Repair	171,630	0.0%	15	:
31-0000	Healthcare Support	54,110	0.0%	16	(
47-0000	Construction and Extraction	40,960	0.0%	17	
41-0000	Sales and Related	34,670	0.0%	18	
17-0000	Architecture and Engineering	16,780	0.0%	19	1
51-0000	Production	14,170	0.0%	20	1
23-0000	Legal	6,530	0.0%	21	1
45-0000	Farming, Fishing, and Forestry	2,510	0.0%	22	1
Total	· · · · · · · · · · · · · · · · · · ·	13,313,590	100.0%		3,489
		<mark>3,489</mark>	Cape Coral Bu	siness Employ	







			Nat'l. Empl.		Est. Cape
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	Coral Jobs
39-0000	Personal Care and Service	881,660	20.4%	1	669
	Installation, Maintenance, and				
49-0000	Repair	705,320	16.3%	2	53
	Office and Administrative				
43-0000	Support	564,000	13.1%	3	42
	Transportation and Material				
53-0000	Moving	399,060	9.2%	4	30
11-0000	Management	377,980	8.8%	5	28
	Business and Financial				
13-0000	Operations	307,080	7.1%	6	23
51-0000	Production	235,880	5.5%	7	17
41-0000	Sales and Related	171,900	4.0%	8	13
21-0000	Community and Social Service	128,070	3.0%	9	9
	Building and Grounds Cleaning				1
37-0000	and Maintenance	90,940	2.1%	10	6
	Food Preparation and Serving				1
35-0000	Related	88,740	2.1%	11	6
	Arts, Design, Entertainment,				
27-0000	Sports, and Media	78,920	1.8%	12	6
31-0000	Healthcare Support	64,340	1.5%	13	4
	Educational Instruction and				
25-0000	Library	64,310	1.5%	14	4
15-0000	Computer and Mathematical	42,620	1.0%	15	3
33-0000	Protective Service	37,210	0.9%	16	2
	Healthcare Practitioners and				
29-0000	Technical	17,920	0.4%	17	1
47-0000	Construction and Extraction	17,480	0.4%	18	1
19-0000	Life, Physical, and Social Science	16,970	0.4%	19	1
17-0000	Architecture and Engineering	13,000	0.3%	20	1
23-0000	Legal	10,120	0.2%	21	
45-0000	Farming, Fishing, and Forestry	2,890	0.1%	22	
Total	, 5, 5 5, 5 5 660.7	4,316,410	100.0%		3,27
		3,277	Cape Coral Bu	isiness Emnl	•









Appendix ⁻	Appendix Table 10.a.7 – Real Estate Rental & Leasing						
			Nat'l. Empl.		Est. Cape		
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	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		
		<mark>2,958</mark>	Cape Coral B	usiness Emplo	yment		







Appendix [*]	Table 10.a.8 – Professional, Sc	ientific & Ted	chnical		
			Nat'l. Empl.		Est. Cape
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	Coral Jobs
13-0000	Business and Financial	2,012,790			
15-0000	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	1,527,990			
43-0000	Support	1,327,990	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,	400 F20			
27-0000	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	254.750			
29-0000	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	114 500			
33-0000	Moving	114,590	1.1%	13	28
47-0000	Construction and Extraction	98,010	0.9%	14	24
49-0000	Installation, Maintenance, and	89,450			
49-0000	Repair	69,430	0.8%	15	22
39-0000	Personal Care and Service	48,750	0.5%	16	12
37-0000	Building and Grounds Cleaning	36,560			
37-0000	and Maintenance	30,300	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	13,740			
23-0000	Library	13,740	0.1%	20	3
35-0000	Food Preparation and Serving	7,470			
33-0000	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
		<mark>2,649</mark>	Cape Coral B	usiness Emplo	yment







			Nat'l. Empl.		Est. Cape
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	Coral Jobs
25 0000	Educational Instruction and	C 240 CEO		1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	
25-0000	Library	6,349,650	29.1%	29.1% 1 13.9% 2 9.4% 3 6.5% 4 5.8% 5 5.6% 6 3.9% 7 3.1% 8 3.1% 9 2.7% 10 2.3% 11 2.3% 12 2.2% 13 2.1% 14 1.7% 15 1.4% 16	754
43-0000	Office and Administrative	3,024,000			
	Support				359
33-0000	Protective Service	2,061,420	9.4%	3	245
13-0000	Business and Financial	1,420,470			
	Operations	1, 120, 170	6.5%	4	169
29-0000	Healthcare Practitioners and	1,270,690			
	Technical				151
11-0000	Management	1,225,380			145
21-0000	Community and Social Service	860,650	3.9%	7	102
37-0000	Building and Grounds Cleaning	683,070		_	
37 0000	and Maintenance	003,070	3.1%	8	81
53-0000	Transportation and Material	668,070			
	Moving	000,070	3.1%	9	79
49-0000	Installation, Maintenance, and	592,570			
	Repair				70
47-0000	Construction and Extraction	497,040			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	458,460			
	Related	,			54
39-0000	Personal Care and Service	363,520			43
31-0000	Healthcare Support	303,950			36
17-0000	Architecture and Engineering	298,610	1.4%	17	3!
23-0000	Legal	274,040	1.3%	18	33
27-0000	Arts, Design, Entertainment,	198,540			
27-0000	Sports, and Media	198,540	0.9%	19	24
51-0000	Production	179,330	0.8%		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
- 		<mark>2,590</mark>	Cape Coral Bu	siness Empl	ovment







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	Table 10.a.10 – Administrative		Nat'l. Empl.		Est. Cape
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	Coral Job
300	Building and Grounds Cleaning	rtae ii Empi.	2300.	name	COTATION
37-0000	and Maintenance	1,991,880	21.0%	1	27.
	Office and Administrative		22.075		
43-0000	Support	1,514,420	15.9%	2	20
	Transportation and Material	, , , ,			
53-0000	Moving	1,216,460	12.8%	3	16
33-0000	Protective Service	902,630	9.5%	4	12
51-0000	Production	638,670	6.7%	5	8
	Business and Financial	,			
13-0000	Operations	608,560	6.4%	6	8
11-0000	Management	458,020	4.8%	7	6
41-0000	Sales and Related	413,740	4.4%	8	5
	Installation, Maintenance, and				
49-0000	Repair	288,690	3.0%	9	4
47-0000	Construction and Extraction	287,550	3.0%	10	4
15-0000	Computer and Mathematical	284,850	3.0%	11	3
	Healthcare Practitioners and				
29-0000	Technical	264,410	2.8%	12	3
31-0000	Healthcare Support	165,970	1.7%	13	2
	Food Preparation and Serving				
35-0000	Related	99,020	1.0%	14	1
	Educational Instruction and				
25-0000	Library	71,060	0.7%	15	1
	Arts, Design, Entertainment,				
27-0000	Sports, and Media	68,620	0.7%	16	
17-0000	Architecture and Engineering	66,560	0.7%	17	
39-0000	Personal Care and Service	55,250	0.6%	18	
19-0000	Life, Physical, and Social Science	38,390	0.4%	19	
21-0000	Community and Social Service	23,280	0.2%	20	
23-0000	Legal	19,380	0.2%	21	
45-0000	Farming, Fishing, and Forestry	19,170	0.2%	22	
Total		9,496,580	100.0%		1,31
		<mark>1,312</mark>	Cape Coral Bu	usiness Emplo	yment





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Appendix	Table 10.a.11 – Finance & Insu	irance			
			Nat'l. Empl.		Est. Cape
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	Coral Jobs
	Office and Administrative				
43-0000	Support	2,013,460	32.2%	1	357
	Business and Financial				
13-0000	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
	Healthcare Practitioners and				
29-0000	Technical	63,750	1.0%	7	11
	Arts, Design, Entertainment,				
27-0000	Sports, and Media	22,650	0.4%	8	4
	Installation, Maintenance, and				
49-0000	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
	Building and Grounds Cleaning				
37-0000	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
	Transportation and Material				
53-0000	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
	Food Preparation and Serving				
35-0000	Related	780	0.0%	18	0
45-0000	Farming, Fishing, and Forestry	750	0.0%	19	0
	Educational Instruction and				
25-0000	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 Bu	usiness Empl	•







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







			Nat'l. Empl.		Est. Cape
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	Coral Jobs
51-0000	Production	6,263,050	48.8%	1	444
	Transportation and Material				
53-0000	Moving	1,158,820	9.0%	2	82
	Office and Administrative				
43-0000	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
	Installation, Maintenance, and				
49-0000	Repair	690,690	5.4%	6	49
	Business and Financial				
13-0000	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	13
	Food Preparation and Serving				
35-0000	Related	132,220	1.0%	12	
	Arts, Design, Entertainment,				
27-0000	Sports, and Media	84,370	0.7%	13	(
	Building and Grounds Cleaning				
37-0000	and Maintenance	78,060	0.6%	14	(
45-0000	Farming, Fishing, and Forestry	32,300	0.3%	15	
	Healthcare Practitioners and				
29-0000	Technical	12,090	0.1%	16	
33-0000	Protective Service	11,310	0.1%	17	
23-0000	Legal	7,190	0.1%	18	
39-0000	Personal Care and Service	1,730	0.0%	19	
31-0000	Healthcare Support	1,070	0.0%	20	
	Educational Instruction and				
25-0000	Library	420	0.0%	21	
21-0000	Community and Social Service	200	0.0%	22	
Total		12,835,020	100.0%		910
		<mark>910</mark>	Cape Coral B	usiness Emplo	yment







			Nat'l. Empl.		Est. Cape
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	Coral Job
39-0000	Personal Care and Service	726,040	28.8%	1	25
	Food Preparation and Serving				
35-0000	Related	330,940	13.1%	2	11
	Office and Administrative	•			
43-0000	Support	246,840	9.8%	3	8
	Arts, Design, Entertainment,	•			
27-0000	Sports, and Media	242,290	9.6%	4	8
	Building and Grounds Cleaning	•			
37-0000	and Maintenance	175,380	6.9%	5	6
41-0000	Sales and Related	172,100	6.8%	6	6
11-0000	Management	167,680	6.6%	7	5
33-0000	Protective Service	101,880	4.0%	8	3
	Business and Financial	•			
13-0000	Operations	101,030	4.0%	9	3
	Installation, Maintenance, and	•			
49-0000	Repair	93,740	3.7%	10	3
	Educational Instruction and				
25-0000	Library	58,390	2.3%	11	2
	Transportation and Material				
53-0000	Moving	55,250	2.2%	12	1
15-0000	Computer and Mathematical	13,140	0.5%	13	
47-0000	Construction and Extraction	9,870	0.4%	14	
51-0000	Production	6,580	0.3%	15	
	Healthcare Practitioners and				
29-0000	Technical	6,260	0.2%	16	
31-0000	Healthcare Support	4,540	0.2%	17	
45-0000	Farming, Fishing, and Forestry	3,660	0.1%	18	
19-0000	Life, Physical, and Social Science	3,470	0.1%	19	
21-0000	Community and Social Service	2,220	0.1%	20	
17-0000	Architecture and Engineering	1,390	0.1%	21	
23-0000	Legal	950	0.0%	22	
Total		2,523,640	100.0%		87
		876	Cape Coral B	usiness Emplo	







			Nat'l. Empl.		Est. Cape
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	Coral Job
	Transportation and Material				
53-0000	Moving	1,465,580	24.4%	1	21:
41-0000	Sales and Related	1,321,960	22.0%	2	19
	Office and Administrative				
43-0000	Support	892,520	14.8%	3	12
11-0000	Management	605,370	10.1%	4	8
	Installation, Maintenance, and				
49-0000	Repair	430,870	7.2%	5	6
	Business and Financial				
13-0000	Operations	401,240	6.7%	6	5
51-0000	Production	337,240	5.6%	7	4
15-0000	Computer and Mathematical	196,230	3.3%	8	2
	Arts, Design, Entertainment,				
27-0000	Sports, and Media	100,120	1.7%	9	1
17-0000	Architecture and Engineering	73,350	1.2%	10	1
45-0000	Farming, Fishing, and Forestry	45,390	0.8%	11	
47-0000	Construction and Extraction	32,920	0.5%	12	
	Healthcare Practitioners and				
29-0000	Technical	32,680	0.5%	13	
	Building and Grounds Cleaning				
37-0000	and Maintenance	25,780	0.4%	14	
19-0000	Life, Physical, and Social Science	24,670	0.4%	15	
	Food Preparation and Serving				
35-0000	Related	11,490	0.2%	16	
23-0000	Legal	5,200	0.1%	17	
33-0000	Protective Service	3,990	0.1%	18	
31-0000	Healthcare Support	2,630	0.0%	19	
39-0000	Personal Care and Service	1,910	0.0%	20	
	Educational Instruction and	-			
25-0000	Library	1,240	0.0%	21	
21-0000	Community and Social Service	830	0.0%	22	
Total		6,013,210	100.0%		86
		<mark>865</mark>	Cape Coral Bu	usiness Emplo	yment







	Table 10.a.16 – Transportation		Nat'l. Empl.		Est. Cape
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	Coral Job
	Transportation and Material	'			
53-0000	Moving	4,673,120	63.7%	1	418
	Office and Administrative				
43-0000	Support	1,433,490	19.5%	2	128
	Installation, Maintenance, and				
49-0000	Repair	360,170	4.9%	3	32
11-0000	Management	260,190	3.5%	4	23
	Business and Financial				
13-0000	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	Ţ
15-0000	Computer and Mathematical	45,740	0.6%	9	4
	Building and Grounds Cleaning				
37-0000	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	1
39-0000	Personal Care and Service	12,300	0.2%	14	-
	Arts, Design, Entertainment,				
27-0000	Sports, and Media	7,940	0.1%	15	
	Food Preparation and Serving				
35-0000	Related	5,970	0.1%	16	1
45-0000	Farming, Fishing, and Forestry	2,980	0.0%	17	(
23-0000	Legal	1,500	0.0%	18	(
	Healthcare Practitioners and				
29-0000	Technical	1,460	0.0%	19	
	Educational Instruction and				
25-0000	Library	1,350	0.0%	20	
21-0000	Community and Social Service	230	0.0%	21	(
31-0000	Healthcare Support	190	0.0%	22	(
Total	·	7,333,380	100.0%		657
		<mark>657</mark>	Cape Coral Bu	siness Emplo	yment







Total		2,771,010	100.0% Cape Coral Bu		6
45-0000	Occupations	1,310	0.0%	22	
	Farming, Fishing, and Forestry	-			
39-0000	Occupations	5,650	0.2%	21	
	Personal Care and Service	.,	5.570		
25-0000	Library Occupations	7,250	0.3%	20	
2, 0000	Educational Instruction and	3,000	0.570		
37-0000	and Maintenance Occupations	9,600	0.3%	19	
1, 0000	Building and Grounds Cleaning	11,550	0.470	10	
17-0000	Construction and Extraction Occupations	11,550	0.4%	18	
55-0000	Protective Service Occupations	12,060	0.4%	1/	
31-0000				17	
31-0000	Healthcare Support Occupations	18,910	0.7%	16	
5-0000	Food Preparation and Serving Related Occupations	19,670	0.7%	15	
21-0000	Occupations	25,520	0.9%	14	
1 0000	Community and Social Service	07.70	2.22	4.	
51-0000	Production Occupations	27,580	1.0%	13	
9-0000	Occupations	28,160	1.0%	12	
	Life, Physical, and Social Science				
3-0000	Legal Occupations	30,620	1.1%	11	
19-0000	Repair Occupations	47,900	1.7%	10	
	Installation, Maintenance, and				
27-0000	Sports, and Media Occupations	51,320	1.9%	9	
	Arts, Design, Entertainment,				
3-0000	Moving Occupations	64,210	2.3%	8	
	Transportation and Material				
29-0000	Technical Occupations	71,380	2.6%	7	
	Healthcare Practitioners and				
17-0000	Occupations	74,710	2.7%	6	
	Architecture and Engineering				
11-0000	Sales and Related Occupations	122,040	4.4%	5	
L5-0000	Occupations	345,890	12.5%	4	
	Computer and Mathematical				
13-0000	Support Occupations	547,900	19.8%	3	
	Office and Administrative				
11-0000	Management Occupations	593,600	21.4%	2	
13-0000	Operations Occupations	654,180	23.6%	1	
	Business and Financial	·			
SOC	Occupation	Nat'l. Empl.	Dstrb.	Rank	Coral Jo
			Nat'l. Empl.		Est. Ca









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





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





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





Appendix Table 10.b.1 – Cape Coral Jobs Shortfall Business & Financial Services Cluster

Business	& Financial Services Cluster				
					Non-
		Shortfall	Jobs		Reported
SOC	Occupation	Jobs	Dstrb.	Rank	in MSA
43-3071	Tellers	104	26.0%	1	
44 2024	Securities, Commodities, and Financial Services Sales	20	0.00/	_	
41-3031	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	
	Multiple Machine Tool Setters, Operators, and				
51-4081	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	
	Cutting, Punching, and Press Machine Setters,				
51-4031	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	HelpersProduction 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	





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Total # of Occupations non-reported in MSA					26
Total # of Occupations				49	
	Total Jobs	400	100%		
53-7063	Machine Feeders and Offbearers	1	0.3%	17	
51-9111	Packaging and Filling Machine Operators and Tenders	1	0.3%	17	
51-9041	Machine Setters, Operators, and Tenders	1	0.3%	17	
	Extruding, Forming, Pressing, and Compacting		0.070	=-	
51-8021	Stationary Engineers and Boiler Operators	1	0.3%	17	
51-5113	Print Binding and Finishing Workers	1	0.3%	17	
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	1	0.3%	17	
51-4033	Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic	1	0.3%	17	
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	1	0.3%	17	
51-3023	Slaughterers and Meat Packers	1	0.3%	17	
51-2011	Aircraft Structure, Surfaces, Rigging, and Systems Assemblers	1	0.3%	17	
49-9044	Millwrights	1	0.3%	17	
49-9043	Maintenance Workers, Machinery	1	0.3%	17	
47-2231	Solar Photovoltaic Installers	1	0.3%	17	
43-4041	Credit Authorizers, Checkers, and Clerks	1	0.3%	17	
43-2011	Switchboard Operators, Including Answering Service	1	0.3%	17	
35-2019	Cooks, All Other	1	0.3%	17	

Append	Appendix Table 10.b.2 – Cape Coral Jobs Shortfall							
Community Services Cluster								
					Non-			
		Jobs	Jobs		Reported			
SOC	Occupation	Shortfall	Dstrb.	Rank	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				



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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	
	Water and Wastewater Treatment Plant and System				
51-8031	Operators	15	1.6%	11	
15-1299	Computer Occupations, All Other	14	1.5%	12	
33-1021	First-Line Supervisors of Firefighting and Prevention	12	1 20/	13	
	Workers Nacistants Indiana and Masistants		1.3%		
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	
22.4024	Administrative Law Judges, Adjudicators, and Hearing		0.60/	10	_
23-1021	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	
	Engineering Technologists and Technicians, Except				
17-3029	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	
	Electrical and Electronics Repairers, Powerhouse,				
49-2095	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	







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

• •	ix Table 10.b.3 – Cape Coral Jobs Shortfall er Products & Services Cluster				
					Non-
		Jobs	Jobs		Reported
SOC	Occupation	Shortfall	Dstrb.	Rank	in MSA
	Sales Representatives, Wholesale and Manufacturing,				
41-4011	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	
	Cutting, Punching, and Press Machine Setters, Operators,				
51-4031	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								
					Non-			
		Jobs	Jobs		Reported			
SOC	Occupation	Shortfall	Dstrb.	Rank	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			

Appendix Table 10.b.5 – Cape Coral Jobs Shortfall								
Healthca	Healthcare & Life Sciences Cluster							
					Non-			
		Jobs	Jobs		Reported			
SOC	Occupation	Shortfall	Dstrb.	Rank	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	
	Ambulance Drivers and Attendants, Except Emergency				
53-3011	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				
	Total # of Occupations non-reported in MSA				

Source: Bureau of Labor Statistics (2023)

Append	ix Table 10.b.6 – Cape Coral Jobs Shortfall							
Industria	Industrial Services Cluster							
					Non-			
		Jobs	Jobs		Reported			
SOC	Occupation	Shortfall	Dstrb.	Rank	in MSA			
49-3041	Farm Equipment Mechanics and Service Technicians	3	21.4%	1				
	Cutting, Punching, and Press Machine Setters, Operators,							
51-4031	and Tenders, Metal and Plastic	2	14.3%	2				
	Grinding, Lapping, Polishing, and Buffing Machine Tool							
51-4033	Setters, Operators, and Tenders, Metal and Plastic	2	14.3%	2				
	Plating Machine Setters, Operators, and Tenders, Metal							
51-4193	and Plastic	2	14.3%	2				
49-9044	Millwrights	1	7.1%	3				
49-9081	Wind Turbine Service Technicians	1	7.1%	3	•			
	Lathe and Turning Machine Tool Setters, Operators, and							
51-4034	Tenders, Metal and Plastic	1	7.1%	3				
	Multiple Machine Tool Setters, Operators, and Tenders,							
51-4081	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			

	Appendix Table 10.b.7 – Cape Coral Jobs Shortfall IT & Media Cluster							
					Non-			
		Jobs	Jobs		Reported			
SOC	Occupation	Shortfall	Dstrb.	Rank	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				



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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									
Gastania					Non-					
		Jobs	Jobs		Reported					
SOC	Occupation	Shortfall	Dstrb.	Rank	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					







						-	
Append	dix Table 10.b.9 - Empl	oyme	nt Sh	ortfall Jo	bs Summary	for Target	
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 High school	None	None
47-4051	Highway Maintenance Workers	55	5	•	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







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

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	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/reside ncy
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





			1			ı	1
					Master's		
21-1015	Rehabilitation Counselors	7	26		degree	None	None
					Master's		
29-1071	Physician Assistants	7	26		degree	None	None
					High school		Moderate-term
					diploma or		on-the-job
43-4011	Brokerage Clerks	7	26		equivalent	None	training
	Computer and Information				Master's		
15-1221	Research Scientists	6	27		degree	None	None
	Architects, Except Landscape				Bachelor's		Internship/reside
17-1011	and Naval	6	27		degree	None	ncy
					Bachelor's		,
19-1031	Conservation Scientists	6	27		degree	None	None
19-1051	Conservation Scientists	0	21	_		None	None
	Life, Physical, and Social				Associate's		
19-4099	Science Technicians, All Other	6	27		degree	None	None
	Administrative Law Judges,				Doctoral or	F	
22 1021	Adjudicators, and Hearing Officers	6	27		professional	5 years or	Short-term on-
23-1021	Officers	В	27	_	degree	more	the-job training
	Librarians and Media				Master's		
25-4022	Collections Specialists	6	27		degree	None	None
					Postsecondary		
27 2002	Court Reporters and	6	27	_	nondegree	Nana	Short-term on-
27-3092	Simultaneous Captioners	6	27		award Doctoral or	None	the-job training
					professional		Internation/reside
29-1249	Surgeons, All Other	6	27		degree	None	Internship/reside ncy
	Healthcare Diagnosing or						
	Treating Practitioners, All				Master's		
29-1299	Other	6	27		degree	None	None
					Postsecondary		
20 2055	Surgical Tashnalagists	c	27		nondegree award	None	None
29-2055	Surgical Technologists	6	21		High school	None	None
					diploma or		Short-term on-
31-1133	Psychiatric Aides	6	27		equivalent	None	the-job training
	,			-	High school	-	Moderate-term
					diploma or		on-the-job
33-3011	Bailiffs	6	27		equivalent	None	training
	Cutting, Punching, and Press				High school		
	Machine Setters, Operators,				High school diploma or		Moderate-term
51-4031	and Tenders, Metal and Plastic	6	27		equivalent	None	on-the-job training
31 4031	i iddiic	<u> </u>	21	_		.10110	
	=			_	Associate's		Long-term on-
53-2021	Air Traffic Controllers	6	27		degree	None	the-job training
					Bachelor's		
17-2011	Aerospace Engineers	5	28		degree	None	None







					Doctoral or		
					professional		
23-1012	Judicial Law Clerks	5	28		degree	None	None
					Doctoral or		
					professional		Internship/reside
29-1223	Psychiatrists	5	28		degree	None	ncy
							,
	Radiologic Technologists and				Associate's		
29-2034	Technicians	5	28		degree	None	None
					High school		Moderate-term
					diploma or		on-the-job
31-9093	Medical Equipment Preparers	5	28		equivalent	None	training
					Postsecondary		
					nondegree		
31-9094	Medical Transcriptionists	5	28		award	None	None
	Lifeguards, Ski Patrol, and				No formal		
	Other Recreational Protective				educational		Short-term on-
33-9092	Service Workers	5	28		credential	None	the-job training
							Moderate-term
	Production, Planning, and				Bachelor's		on-the-job
41-9031	Expediting Clerks	5	28		degree	None	training
					High school		
	Information and Record				diploma or		Short-term on-
43-4199	Clerks, All Other	5	28		equivalent	None	the-job training
							Moderate-term
	Shipping, Receiving, and	_			Associate's		on-the-job
49-9062	Inventory Clerks	5	28		degree	None	training
					High school		Moderate-term
	Subway and Streetcar			_	diploma or		on-the-job
53-4041	Operators	5	28		equivalent	None	training
					High school		Moderate-term
					diploma or		on-the-job
53-6051	Transportation Inspectors	5	28		equivalent	None	training
	Education Administrators, All				Bachelor's	Less than 5	
11-9039	Other	4	29		degree	years	None
11 3 3 3 3		<u> </u>				700.0	
					Bachelor's		
13-2099	Financial Specialists, All Other	4	29		degree	None	None
					Master's		
15-2041	Statisticians	4	29		degree	None	None
15-2041	Statisticians	- 4	23		ucgree	None	None
	Zoologists and Wildlife				Bachelor's		
19-1023	Biologists	4	29		degree	None	None
	Geoscientists, Except				De ele 1		
	Hydrologists and			_	Bachelor's	 	1
19-2042	Geographers	4	29		degree	None	None
					Bachelor's		
19-2099	Physical Scientists, All Other	4	29		degree	None	None
	,					-	
				_	Master's		
19-3011	Economists	4	29		degree	None	None

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	1		1	T	1		
					Master's		
19-3051	Urban and Regional Planners	4	29		degree	None	None
	Special Effects Artists and				Bachelor's		
27-1014	Animators	4	29		degree	None	None
27 1011	7.1					Itolic	Tronc
				_	Associate's		
29-1124	Radiation Therapists	4	29		degree	None	None
					Doctoral or		
		_			professional	1	Internship/reside
29-1215	Family Medicine Physicians	4	29		degree	None	ncy
					Doctoral or		
20.4240	Obstetricians and	4	20		professional	None	Internship/reside
29-1218	Gynecologists	4	29		degree	None	ncy
	Diagnostic Medical				Associate's		
29-2032	Sonographers	4	29		degree	None	None
					High school		Moderate-term
					diploma or		on-the-job
33-9011	Animal Control Workers	4	29		equivalent	None	training
					High school		
					diploma or		Short-term on-
43-5041	Meter Readers, Utilities	4	29		equivalent	None	the-job training
					High school		Moderate-term
					diploma or		on-the-job
49-3091	Bicycle Repairers	4	29		equivalent	None	training
					High school		
	Stationary Engineers and			_	diploma or	1	Long-term on-
51-8021	Boiler Operators	4	29		equivalent	None	the-job training
					Bachelor's		
13-2054	Financial Risk Specialists	3	30		degree	None	None
					Bachelor's		
17-2072	Electronics Engineers, Except Computer	3	30		degree	None	None
17-2072	Engineering Technologists	3	30		uegree	None	None
	and Technicians, Except				Associate's		
17-3029	Drafters, All Other	3	30		degree	None	None
					Doctoral or		
					professional		
19-1021	Biochemists and Biophysicists	3	30		degree	None	None
					Bachelor's		
19-1022	Microbiologists	3	30		degree	None	None
19-1022	IVIICI ODIOIOGISES	<u> </u>	30	_		INOILE	INOTIC
					Bachelor's		
19-1029	Biological Scientists, All Other	3	30		degree	None	None
					Master's		
19-1041	Epidemiologists	3	30		degree	None	None
10 2020	Develople siste All Others	2	20	_	Master's	None	Internship/reside
19-3039	Psychologists, All Other	3	30		degree	None	ncy







	T	1		T	T	1	
	Teachers and Instructors, All				Bachelor's		
25-3099	Other	3	30		degree	None	None
					High school		Moderate-term
					diploma or		on-the-job
27-1023	Floral Designers	3	30		equivalent	None	training
					Some college,		l and taken
27-2011	Actors	3	30		no degree	None	Long-term on- the-job training
27 2011	Actors		30	_		TTOTIC	the job training
				_	Bachelor's		
29-1125	Recreational Therapists	3	30		degree	None	None
					Doctoral or		
		_		_	professional		Internship/reside
29-1212	Cardiologists	3	30		degree	None	ncy
					Doctoral or		
20.4242	5	_	20	_	professional	Nama	Internship/reside
29-1213	Dermatologists	3	30		degree	None	ncy
					Doctoral or professional		
20 1221	Dadistuisiana Cananal	2	20		'	None	Internship/reside
29-1221	Pediatricians, General	3	30		degree Doctoral or	None	ncy
	Outh and is Common French				professional		lata anakia /aasida
29-1242	Orthopedic Surgeons, Except Pediatric	3	30		degree	None	Internship/reside
29-1242	Pediatric	3	30	_	Postsecondary	None	ncy
					nondegree		
29-9093	Surgical Assistants	3	30		award	None	None
23 3033	Surficul / Issistants		30				Moderate-term
					Bachelor's		on-the-job
33-3031	Fish and Game Wardens	3	30		degree	None	training
					High school		
					diploma or		Short-term on-
43-3099	Financial Clerks, All Other	3	30		equivalent	None	the-job training
					Bachelor's		Moderate-term
45 2011	Agricultural Inchastors	,	20			None	on-the-job
45-2011	Agricultural Inspectors	3	30	_	degree High school	None	training
					~ .		
49-3041	Farm Equipment Mechanics and Service Technicians	3	30		diploma or equivalent	None	Long-term on- the-job training
49-3041		3	30	_	High school	NOTIC	the-job training
	Precision Instrument and				diploma or		lanata
49-9069	Equipment Repairers, All Other	3	30		equivalent	None	Long-term on- the-job training
75 5005	Grinding, Lapping, Polishing,		30		equivalent	140116	the job training
	and Buffing Machine Tool				High school		Moderate-term
	Setters, Operators, and				diploma or		on-the-job
51-4033	Tenders, Metal and Plastic	3	30		equivalent	None	training
	Ambulance Drivers and				High school		
	Attendants, Except				diploma or		Moderate-term
E2 2011	Emergency Medical	2	20		equivalent	None	on-the-job
53-3011	Technicians	3	30	_	Equivalent	None	training







	1		1		T	T	1
					High school		Moderate-term
	Railroad Conductors and				diploma or		on-the-job
53-4031	Yardmasters	3	30		equivalent	None	training
					High school		Moderate-term
					diploma or		on-the-job
53-6041	Traffic Technicians	3	30		equivalent	None	training
					High school		
	Claims Adjusters, Examiners,				diploma or		Long-term on-
13-1031	and Investigators	2	31		equivalent	None	the-job training
		_			·		1110 Jun 111111111
	Property Appraisers and				Bachelor's		Long-term on-
13-2020	Assessors	2	31		degree	None	the-job training
					Bachelor's		
47.4024	Cartographers and	_	24	_		Nama	Nana
17-1021	Photogrammetrists	2	31		degree	None	None
	Electric Motor, Power Tool,				Bachelor's		
17-2031	and Related Repairers	2	31		degree	None	None
1, 1001	Civil Engineering				1.08.00		110110
	Technologists and				Associate's		
17-3022	Technicians	2	31		degree	None	None
	Environmental Engineering						
	Technologists and				Associate's		
17-3025	Technicians	2	31		degree	None	None
	Industrial Engineering						
	Technologists and				Associate's		
17-3026	Technicians	2	31		degree	None	None
	Mechanical Engineering						
	Technologists and				Associate's		
17-3027	Technicians	2	31		degree	None	None
					Doctoral or		
					professional		
19-2012	Physicists	2	31		degree	None	None
							Moderate-term
					Associate's		on-the-job
19-4031	Chemical Technicians	2	31		degree	None	training
				_	Master's	l	
21-1019	Counselors, All Other	2	31		degree	None	None
	Broadcast Announcers and				Bachelor's		
27-3011	Radio Disc Jockeys	2	31		degree	None	None
21-3U11	Nadio Disc Jockeys		31		Postsecondary	NOTIC	INOTIC
					-		
27.4611	Sound Engineering		2.	_	nondegree	Non-	Short-term on-
27-4014	Technicians	2	31		award	None	the-job training
					Doctoral or		
					professional		Internship/reside
29-1211	Anesthesiologists	2	31		degree	None	ncy
					Doctoral or		
					professional		Internship/reside
29-1211	Anesthesiologists	2	31		Doctoral or	None	







				Doctoral or		
				professional		Internship/reside
Physicians, Pathologists	2	31		degree	None	ncy
				Doctoral or		
Ophthalmologists, Except				professional		Internship/reside
Pediatric	2	31		degree	None	ncy
				High school		
Parking Enforcement				diploma or		Short-term on-
Workers	2	31		equivalent	None	the-job training
				High school		
				diploma or		Short-term on-
School Bus Monitors	2	31		equivalent	None	the-job training
				No formal		Moderate-term
				educational		on-the-job
Cooks, All Other	2	31		credential	None	training
Rail-Track Laying and				High school		Moderate-term
				diploma or		on-the-job
Operators	2	31		equivalent	None	training
				High school		Moderate-term
Septic Tank Servicers and				diploma or		on-the-job
Sewer Pipe Cleaners	2	31		equivalent	None	training
Electrical and Electronics				Postsecondary		Moderate-term
				nondegree	Less than 5	on-the-job
Substation, and Relay	2	31		award	years	training
				High school		
Maintenance Workers,				diploma or		Long-term on-
Machinery	2	31		equivalent	None	the-job training
				High school		
				diploma or		
Millwrights	2	31		equivalent	None	Apprenticeship
Plating Machine Setters,				High school		Moderate-term
Operators, and Tenders,				diploma or		on-the-job
Metal and Plastic	2	31		equivalent	None	training
				High school		Moderate-term
Metal Workers and Plastic				diploma or		on-the-job
Workers, All Other	2	31		equivalent	None	training
				High school		
				diploma or		Short-term on-
HelpersProduction Workers	2	31		equivalent	None	the-job training
				No formal		Moderate-term
				educational		on-the-job
Sailors and Marine Oilers	2	31		credential	None	training
Auglita strongland Francisco				Rachelor's	5 years or	
	1	22				None
ivialiagets	1	52		uegree	IIIOTE	NOTIC
Emergency Management				Bachelor's	5 years or	
Emergency management				•	i	i
Directors	1	32		degree	more	None
	1	32		degree Bachelor's	more	None Long-term on-
	Ophthalmologists, Except Pediatric Parking Enforcement Workers School Bus Monitors Cooks, All Other Rail-Track Laying and Maintenance Equipment Operators Septic Tank Servicers and Sewer Pipe Cleaners Electrical and Electronics Repairers, Powerhouse, Substation, and Relay Maintenance Workers, Machinery Millwrights Plating Machine Setters, Operators, and Tenders, Metal and Plastic Metal Workers and Plastic Workers, All Other HelpersProduction Workers	Ophthalmologists, Except Pediatric 2 Parking Enforcement Workers 2 School Bus Monitors 2 Cooks, All Other 2 Rail-Track Laying and Maintenance Equipment Operators 2 Septic Tank Servicers and Sewer Pipe Cleaners 2 Electrical and Electronics Repairers, Powerhouse, Substation, and Relay 2 Maintenance Workers, Machinery 2 Millwrights 2 Plating Machine Setters, Operators, and Tenders, Metal and Plastic 2 Metal Workers and Plastic Workers, All Other 2 HelpersProduction Workers 2 Sailors and Marine Oilers 2 Architectural and Engineering	Ophthalmologists, Except Pediatric 2 31 Parking Enforcement Workers 2 31 School Bus Monitors 2 31 Cooks, All Other 2 31 Rail-Track Laying and Maintenance Equipment Operators 2 31 Septic Tank Servicers and Sewer Pipe Cleaners 2 31 Electrical and Electronics Repairers, Powerhouse, Substation, and Relay 2 31 Maintenance Workers, Machinery 2 31 Millwrights 2 31 Millwrights 2 31 Metal Morkers and Plastic 2 31 Metal Workers and Plastic 31 Metal Workers 31	Ophthalmologists, Except Pediatric 2 31 Parking Enforcement Workers 2 31 School Bus Monitors 2 31 Cooks, All Other 2 31 Rail-Track Laying and Maintenance Equipment Operators 2 31 Septic Tank Servicers and Sewer Pipe Cleaners 2 31 Electrical and Electronics Repairers, Powerhouse, Substation, and Relay 2 31 Maintenance Workers, Machinery 2 31 Millwrights 2 31 Millwrights 2 31 Millwrights 2 31 Metal Workers and Plastic Workers, All Other 2 31 Helpers—Production Workers 2 31 Sailors and Marine Oilers 2 31 Sailors and Marine Oilers 2 31 Architectural and Engineering	Physicians, Pathologists 2 31	Physicians, Pathologists 2 31 Doctoral or professional degree None Ophthalmologists, Except Pediatric 2 31 Doctoral or professional degree None Parking Enforcement Workers 2 31 Degree None Parking Enforcement Workers 2 31 Degree None School Bus Monitors 2 Degree None School Bus Monitors 3 Degree None School Bus Monitors 4 Degree None School Bus Monitors 5 Degree None School Bus Monitors 5 Degree None School Bus Monitors 6 Degree None School Bus Monitors 7 Degree None School Bus Monitors 8 Degree None School Bus Monitors 9 Degree None Beducational Credential None High school diploma or equivalent None Electrical and Electronics Repairers, Powerhouse, Degree None Substation, and Relay 2 Degree None Maintenance Workers, Machinery 9 Degree None Millwrights 9 Degree None Millwrights 9 Degree None High School diploma or equivalent None High School diploma or equival





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			ı	<u> </u>			1
					Bachelor's		
17-2161	Nuclear Engineers	1	32		degree	None	None
					Bachelor's		
19-1032	Foresters	1	32		degree	None	None
	Atmospheric and Space				Bachelor's		
19-2021	Scientists	1	32		degree	None	None
	Anthropologists and				Master's		
19-3091	Anthropologists and Archeologists	1	32		degree	None	None
19-3094	Political Scientists	1	32		Master's degree	None	None
19-3094	r Olitical Scientists	1	32	_		None	None
40 4004	D. I IT. I		22		Bachelor's	Neves	
19-4021	Biological Technicians Geological Technicians,	1	32		degree	None	None Moderate-term
	Except Hydrologic				Associate's		on-the-job
19-4043	Technicians	1	32		degree	None	training
					Associate's		Moderate-term
19-4044	Hydrologic Technicians	1	32		degree	None	on-the-job training
13 1011			- J-			110110	truming.
10 4061	Social Science Research	1	22		Bachelor's	None	None
19-4061	Assistants	1	32	_	degree	None	None
	Child, Family, and School				Bachelor's		
21-1021	Social Workers	1	32		degree	None	None
					High school diploma or		Chart target
21-1094	Community Health Workers	1	32		equivalent	None	Short-term on- the-job training
					·		Moderate-term
	Arbitrators, Mediators, and			_	Bachelor's	Less than 5	on-the-job
23-1022	Conciliators	1	32		degree	years	training
	Legal Support Workers, All				Associate's		
23-2099	Other	1	32		degree	None	None
	Adult Basic Education, Adult Secondary Education, and						
	English as a Second Language				Bachelor's		
25-3011	Instructors	1	32		degree	None	None
	Museum Technicians and				Bachelor's		
25-4013	Conservators	1	32		degree	None	None
					No formal		
	Artists and Related Workers,				educational		Long-term on-
27-1019	All Other	1	32		credential	None	the-job training
	Media and Communication				High school		
27-4099	Equipment Workers, All Other	1	32		diploma or equivalent	None	Short-term on- the-job training
27-4033	Other	1	32	_		None	the-job training
00.4:55				_	Bachelor's	News	1
29-1128	Exercise Physiologists	1	32		degree	None	None

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







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

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Total Non-Reported MSA occups. 131
