

Firing on All Cylinders:

Growing Jobs and Small Business by Expanding Traded Sector Employment

APPENDIX C: TABLE 1

Traded and Local Employment by Supersector, Philadelphia and Comparison Cities, 1998 and 2016

Construction

	LOCAL			TRADED			TOTAL		
	1998	2016	% CHANGE	1998	2016	% CHANGE	1998	2016	% CHANGE
Baltimore	13,974	7,522	-46%	365	217	-41%	14,339	7,739	-46%
Boston	16,373	10,891	-33%	1,121	909	-19%	17,495	11,800	-33%
Denver	19,116	17,439	-9%	375	370	-1%	19,491	17,809	-9%
New York	112,059	136,963	22%	3,427	3,756	10%	115,485	140,719	22%
Philadelphia	13,278	11,279	-15%	762	233	-69%	14,041	11,512	-18%
San Francisco	19,346	19,248	-1%	1,728	570	-67%	21,075	19,818	-6%

Manufacturing

	LOCAL			TRADED			TOTAL		
	1998	2016	% CHANGE	1998	2016	% CHANGE	1998	2016	% CHANGE
Baltimore	2,783	1,662	-40%	25,995	9,311	-64%	28,778	10,973	-62%
Boston	1,762	1,362	-23%	18,966	9,115	-52%	20,728	10,477	-49%
Denver	2,756	1,869	-32%	22,767	15,296	-33%	25,523	17,165	-33%
New York	13,018	11,566	-11%	172,565	54,590	-68%	185,583	66,156	-64%
Philadelphia	5,219	2,814	-46%	39,931	18,274	-54%	45,150	21,088	-53%
San Francisco	1,921	1,306	-32%	21,554	6,571	-70%	23,475	7,877	-66%

Trade, Transportation, and Utilities

	LOCAL			TRADED			TOTAL		
	1998	2016	% CHANGE	1998	2016	% CHANGE	1998	2016	% CHANGE
Baltimore	30,117	27,479	-9%	18,645	13,497	-28%	48,762	40,976	-16%
Boston	36,026	42,742	19%	28,264	29,388	4%	64,290	72,130	12%
Denver	40,675	49,142	21%	40,349	35,512	-12%	81,024	84,654	4%
New York	303,347	420,998	39%	242,485	210,167	-13%	545,831	631,165	16%
Philadelphia	65,803	65,364	-1%	32,670	29,695	-9%	98,473	95,059	-3%
San Francisco	57,164	50,277	-12%	26,592	25,814	-3%	83,756	76,091	-9%

Information

	LOCAL			TRADED			TOTAL		
	1998	2016	% CHANGE	1998	2016	% CHANGE	1998	2016	% CHANGE
Baltimore	5,355	2,785	-48%	2,790	2,632	-6%	8,145	5,417	-33%
Boston	10,586	7,027	-34%	12,490	13,477	8%	23,076	20,504	-11%
Denver	18,207	7,018	-61%	6,673	7,952	19%	24,879	14,970	-40%
New York	59,645	49,364	-17%	90,063	156,191	73%	149,708	205,555	37%
Philadelphia	11,850	9,599	-19%	7,313	6,602	-10%	19,162	16,201	-15%
San Francisco	13,752	5,118	-63%	14,451	55,862	287%	28,202	60,980	116%

Financial Activities

	LOCAL			TRADED			TOTAL		
	1998	2016	% CHANGE	1998	2016	% CHANGE	1998	2016	% CHANGE
Baltimore	15,004	7,985	-47%	11,000	13,833	26%	26,004	21,818	-16%
Boston	30,372	34,684	14%	70,003	50,788	-27%	100,375	85,472	-15%
Denver	18,334	17,058	-7%	18,279	19,104	5%	36,613	36,162	-1%
New York	195,179	210,213	8%	269,803	254,993	-5%	464,982	465,206	0%
Philadelphia	21,562	19,825	-8%	35,625	21,822	-39%	57,187	41,647	-27%
San Francisco	45,210	31,066	-31%	35,076	38,338	9%	80,286	69,404	-14%

Professional and Business Services

	LOCAL			TRADED			TOTAL		
	1998	2016	% CHANGE	1998	2016	% CHANGE	1998	2016	% CHANGE
Baltimore	25,907	19,749	-24%	17,088	25,773	51%	42,995	45,522	6%
Boston	49,011	52,540	7%	47,994	76,522	59%	97,005	129,062	33%
Denver	39,320	45,150	15%	40,519	58,767	45%	79,839	103,917	30%
New York	272,575	287,558	5%	308,001	378,742	23%	580,576	666,300	15%
Philadelphia	46,495	44,134	-5%	54,793	43,292	-21%	101,288	87,426	-14%
San Francisco	52,198	59,743	14%	72,699	113,585	56%	124,897	173,328	39%

Education and Health Services

	LOCAL			TRADED			TOTAL		
	1998	2016	% CHANGE	1998	2016	% CHANGE	1998	2016	% CHANGE
Baltimore	67,298	81,121	21%	19,518	35,627	83%	86,816	116,748	34%
Boston	104,097	126,998	22%	40,374	56,333	40%	144,471	183,331	27%
Denver	50,601	61,883	22%	6,289	12,624	101%	56,890	74,507	31%
New York	545,298	773,274	42%	91,006	150,811	66%	636,304	924,085	45%
Philadelphia	130,184	168,730	30%	40,276	68,753	71%	170,460	237,483	39%
San Francisco	52,662	72,506	38%	9,208	16,188	76%	61,870	88,694	43%

Leisure and Hospitality

	LOCAL			TRADED			TOTAL		
	1998	2016	% CHANGE	1998	2016	% CHANGE	1998	2016	% CHANGE
Baltimore	18,398	23,328	27%	7,698	9,271	20%	26,096	32,599	25%
Boston	35,678	55,539	56%	14,108	21,145	50%	49,786	76,684	54%
Denver	27,138	49,156	81%	9,984	17,281	73%	37,122	66,437	79%
New York	162,753	347,382	113%	80,551	127,588	58%	243,304	474,970	95%
Philadelphia	34,458	56,048	63%	12,826	27,790	117%	47,284	83,838	77%
San Francisco	42,159	72,660	72%	31,485	30,212	-4%	73,644	102,872	40%

Other Services

	LOCAL			TRADED			TOTAL		
	1998	2016	% CHANGE	1998	2016	% CHANGE	1998	2016	% CHANGE
Baltimore	14,773	13,293	-10%	207	184	-11%	14,980	13,477	-10%
Boston	19,015	22,295	17%	480	444	-8%	19,495	22,739	17%
Denver	16,180	19,666	22%	494	426	-14%	16,674	20,092	20%
New York	143,247	198,269	38%	2,527	3,936	56%	145,774	202,205	39%
Philadelphia	25,648	25,203	-2%	1,017	2,226	119%	26,665	27,429	3%
San Francisco	21,534	27,979	30%	624	589	-6%	22,158	28,568	29%

All Industries

	LOCAL			TRADED			TOTAL		
	1998	2016	% CHANGE	1998	2016	% CHANGE	1998	2016	% CHANGE
Baltimore	193,607	184,924	-4%	103,393	110,348	7%	297,000	295,272	-1%
Boston	302,920	354,078	17%	233,821	258,171	10%	536,741	612,249	14%
Denver	232,326	268,381	16%	149,326	171,139	15%	381,652	439,520	15%
New York	1,807,120	2,435,587	35%	1,261,011	1,341,022	6%	3,068,131	3,776,609	23%
Philadelphia	354,496	402,996	14%	225,251	218,765	-3%	579,747	621,761	7%
San Francisco	305,945	339,903	11%	213,752	287,788	35%	519,697	627,691	21%

Note: Boston data represent Suffolk County, Massachusetts.
Source: CCD tabulations of Eckert, Fort, Schott, and Yang, County Business Patterns Database

APPENDIX C: TABLE 2

Traded and Local Industry Employment in Philadelphia, by Detailed Industry Category, 1998 and 2016

Construction					
Sector Name	NAICS Code	Classification	Employment in 1998	Employment in 2016	Change in Employment, 1998-2016
Construction	23		14,041	11,512	(2,529)
Construction of Buildings	236		4,810	3,115	(1,695)
Residential Building Construction	2361	Local	842	1,375	533
Nonresidential Building Construction	2362		3,968	1,740	(2,228)
Industrial Building Construction	23621	Traded	435	45	(390)
Commercial and Institutional Building Construction	23622	Local	3,533	1,695	(1,838)
Heavy and Civil Engineering Construction	237		1,359	1,057	(302)
Utility System Construction	2371		334	267	(67)
Water and Sewer Line and Related Structures Construction	23711	Local	163	139	(24)
Oil and Gas Pipeline and Related Structures Construction	23712	Traded	116	91	(25)
Power and Communication Line and Related Structures Construction	23713	Traded	55	37	(18)
Land Subdivision	2372	Local	59	17	(42)
Highway, Street, and Bridge Construction	2373	Local	810	713	(97)
Other Heavy and Civil Engineering Construction	2379	Traded	157	60	(97)
Specialty Trade Contractors	238	Local	7,871	7,340	(531)
Total Construction Traded			762	233	(529)
Total Construction Local			13,278	11,279	(1,999)

Manufacturing					
Sector Name	NAICS Code	Classification	Employment in 1998	Employment in 2016	Change in Employment, 1998-2016
Manufacturing	31-33		45,150	21,088	(24,062)
Food Manufacturing	311		7,701	4,346	(3,355)
Animal Food Manufacturing	3111	Traded	-	9	9
Grain and Oilseed Milling	3112	Traded	-	-	-
Sugar and Confectionery Product Manufacturing	3113	Traded	499	77	(422)
Fruit and Vegetable Preserving and Specialty Food Manufacturing	3114	Traded	140	148	8
Dairy Product Manufacturing	3115	Traded	135	174	39
Animal Slaughtering and Processing	3116	Traded	1,887	1,540	(347)
Seafood Product Preparation and Packaging	3117	Traded	9	-	(9)
Bakeries and Tortilla Manufacturing	3118		4,443	1,815	(2,628)
Bread and Bakery Product Manufacturing	31181		3,503	1,463	(2,040)
Retail Bakeries	311811	Local	770	384	(386)
Commercial Bakeries	311812	Local	2,724	1,023	(1,701)
Frozen Cakes, Pies, and Other Pastries Manufacturing	311813	Traded	9	56	47
Cookie, Cracker, and Pasta Manufacturing	31182	Traded	940	352	(588)
Tortilla Manufacturing	31183	Traded	-	-	-
Other Food Manufacturing	3119	Traded	588	583	(5)
Beverage and Tobacco Product Manufacturing	312	Traded	1,116	716	(400)
Textile Mills	313	Traded	922	274	(648)
Textile Product Mills	314	Traded	1,431	350	(1,081)
Apparel Manufacturing	315	Traded	4,302	570	(3,732)
Leather and Allied Product Manufacturing	316	Traded	57	9	(48)
Wood Product Manufacturing	321	Traded	164	142	(22)
Paper Manufacturing	322	Traded	2,906	1,060	(1,846)
Printing and Related Support Activities	323	Traded	4,290	1,387	(2,903)
Petroleum and Coal Products Manufacturing	324	Traded	1,093	1,150	57
Chemical Manufacturing	325	Traded	2,856	2,027	(829)
Plastics and Rubber Products Manufacturing	326	Traded	778	503	(275)
Nonmetallic Mineral Product Manufacturing	327		171	369	198
Clay Product and Refractory Manufacturing	3271	Traded	68	59	(9)
Glass and Glass Product Manufacturing	3272	Traded	9	130	121
Cement and Concrete Product Manufacturing	3273		19	70	51
Cement Manufacturing	32731	Traded	-	-	-
Ready-Mix Concrete Manufacturing	32732	Local	9	70	61
Concrete Pipe, Brick, and Block Manufacturing	32733	Traded	-	-	-
Other Concrete Product Manufacturing	32739	Local	10	-	(10)
Lime and Gypsum Product Manufacturing	3274	Traded	9	-	(9)
Other Nonmetallic Mineral Product Manufacturing	3279	Traded	66	110	44

Primary Metal Manufacturing	331	Traded	347	59	(288)
Fabricated Metal Product Manufacturing	332		3,447	1,786	(1,661)
Forging and Stamping	3321	Traded	192	107	(85)
Cutlery and Handtool Manufacturing	3322	Traded	51	7	(44)
Architectural and Structural Metals Manufacturing	3323		1,424	953	(471)
Plate Work and Fabricated Structural Product Manufacturing	33231	Traded	255	235	(20)
Ornamental and Architectural Metal Products Manufacturing	33232		1,169	718	(451)
Metal Window and Door Manufacturing	332321	Traded	243	117	(126)
Sheet Metal Work Manufacturing	332322	Local	695	462	(233)
Ornamental and Architectural Metal Work Manufacturing	332323	Traded	231	139	(92)
Boiler, Tank, and Shipping Container Manufacturing	3324	Traded	59	-	(59)
Hardware Manufacturing	3325	Traded	74	30	(44)
Spring and Wire Product Manufacturing	3326	Traded	30	-	(30)
Machine Shops; Turned Product; and Screw, Nut, and Bolt Manufacturing	3327		584	308	(276)
Machine Shops	33271	Local	398	189	(209)
Turned Product and Screw, Nut, and Bolt Manufacturing	33272	Traded	186	119	(67)
Coating, Engraving, Heat Treating, and Allied Activities	3328	Traded	336	180	(156)
Other Fabricated Metal Product Manufacturing	3329	Traded	697	201	(496)
Machinery Manufacturing	333	Traded	2,111	799	(1,312)
Computer and Electronic Product Manufacturing	334	Traded	1,046	178	(868)
Electrical Equipment, Appliance, and Component Manufacturing	335	Traded	2,213	923	(1,290)
Transportation Equipment Manufacturing	336	Traded	4,606	2,434	(2,172)
Furniture and Related Product Manufacturing	337		1,685	577	(1,108)
Household and Institutional Furniture and Kitchen Cabinet Manufacturing	3371	Traded	778	212	(566)
Office Furniture (including Fixtures) Manufacturing	3372		733	321	(412)
Office Furniture (including Fixtures) Manufacturing	33721		733	321	(412)
Wood Office Furniture Manufacturing	337211	Traded	62	-	(62)
Custom Architectural Woodwork and Millwork Manufacturing	337212	Local	174	160	(14)
Office Furniture (except Wood) Manufacturing	337214	Traded	-	59	59
Showcase, Partition, Shelving, and Locker Manufacturing	337215	Traded	497	102	(395)
Other Furniture Related Product Manufacturing	3379	Traded	174	44	(130)
Miscellaneous Manufacturing	339		1,910	1,429	(481)
Medical Equipment and Supplies Manufacturing	3391		578	686	108
Medical Equipment and Supplies Manufacturing	33911		578	686	108
Surgical and Medical Instrument Manufacturing	339112	Traded	24	5	(19)
Surgical Appliance and Supplies Manufacturing	339113	Traded	249	275	26
Dental Equipment and Supplies Manufacturing	339114	Traded	84	266	182
Ophthalmic Goods Manufacturing	339115	Traded	84	40	(44)
Dental Laboratories	339116	Local	137	100	(37)
Other Miscellaneous Manufacturing	3399		1,332	743	(589)
Jewelry and Silverware Manufacturing	33991	Traded	152	99	(53)
Sporting and Athletic Goods Manufacturing	33992	Traded	304	94	(210)
Doll, Toy, and Game Manufacturing	33993	Traded	84	-	(84)
Office Supplies (except Paper) Manufacturing	33994	Traded	66	32	(34)
Sign Manufacturing	33995	Local	302	426	124
All Other Miscellaneous Manufacturing	33999	Traded	424	92	(332)
Total Manufacturing Traded			39,931	18,274	(21,657)
Total Manufacturing Local			5,219	2,814	(2,405)

Trade, Transportation, and Utilities

Sector Name	NAICS Code	Classification	Employment in 1998	Employment in 2016	Change in Employment, 1998-2016
Wholesale Trade	42		21,623	16,261	(5,362)
Merchant Wholesalers, Durable Goods	423		3,720	8,011	4,291
Motor Vehicle and Motor Vehicle Parts and Supplies Merchant Wholesalers	4231	Local	180	539	359
Furniture and Home Furnishing Merchant Wholesalers	4232	Traded	400	549	149
Lumber and Other Construction Materials Merchant Wholesalers	4233	Local	93	336	243
Professional and Commercial Equipment and Supplies Merchant Wholesalers	4234	Traded	788	1,156	368
Metal and Mineral (except Petroleum) Merchant Wholesalers	4235	Traded	276	492	216
Household Appliances and Electrical and Electronic Goods Merchant Wholesalers	4236	Traded	460	966	506
Hardware, and Plumbing and Heating Equipment and Supplies Merchant Wholesalers	4237	Local	341	761	420
Machinery, Equipment, and Supplies Merchant Wholesalers	4238	Traded	559	1,767	1,208
Miscellaneous Durable Goods Merchant Wholesalers	4239		620	1,445	825
<i>Sporting and Recreational Goods and Supplies Merchant Wholesalers</i>	42391	Traded	91	174	83
<i>Toy and Hobby Goods and Supplies Merchant Wholesalers</i>	42392	Traded	17	134	117
<i>Recyclable Material Merchant Wholesalers</i>	42393	Local	285	685	400
<i>Jewelry, Watch, Precious Stone, and Precious Metal Merchant Wholesalers</i>	42394	Traded	157	204	47
<i>Other Miscellaneous Durable Goods Merchant Wholesalers</i>	42399	Local	71	248	177

Merchant Wholesalers, Nondurable Goods	424		3,657	7,908	4,251
Paper and Paper Product Merchant Wholesalers	4241	Traded	453	1,038	585
Drugs and Druggists' Sundries Merchant Wholesalers	4242	Traded	141	372	231
Apparel, Piece Goods, and Notions Merchant Wholesalers	4243	Traded	394	726	332
Grocery and Related Product Merchant Wholesalers	4244		1,426	4,024	2,598
<i>General Line Grocery Merchant Wholesalers</i>	42441	Local	227	1,164	937
<i>Packaged Frozen Food Merchant Wholesalers</i>	42442	Local	106	751	645
<i>Dairy Product (except Dried or Canned) Merchant Wholesalers</i>	42443	Local	47	98	51
<i>Poultry and Poultry Product Merchant Wholesalers</i>	42444	Traded	41	65	24
<i>Confectionery Merchant Wholesalers</i>	42445	Local	58	170	112
<i>Fish and Seafood Merchant Wholesalers</i>	42446	Traded	67	87	20
<i>Meat and Meat Product Merchant Wholesalers</i>	42447	Traded	224	532	308
<i>Fresh Fruit and Vegetable Merchant Wholesalers</i>	42448	Traded	361	740	379
<i>Other Grocery and Related Products Merchant Wholesalers</i>	42449	Local	295	417	122
Farm Product Raw Material Merchant Wholesalers	4245	Traded	-	14	14
Chemical and Allied Products Merchant Wholesalers	4246	Traded	342	244	(98)
Petroleum and Petroleum Products Merchant Wholesalers	4247	Traded	265	82	(183)
Beer, Wine, and Distilled Alcoholic Beverage Merchant Wholesalers	4248		221	817	596
<i>Beer and Ale Merchant Wholesalers</i>	42481	Local	195	725	530
<i>Wine and Distilled Alcoholic Beverage Merchant Wholesalers</i>	42482	Traded	26	92	66
Miscellaneous Nondurable Goods Merchant Wholesalers	4249	Traded	416	591	175
Wholesale Electronic Markets and Agents and Brokers	425	Traded	14,246	342	(13,904)
Total Wholesale Trade Traded			19,724	10,367	(9,357)
Total Wholesale Traded Local			1,899	5,894	3,995
Retail Trade	44-45		51,047	52,150	1,103
Motor Vehicle and Parts Dealers	441	Local	4,591	2,831	(1,760)
Furniture and Home Furnishings Stores	442	Local	1,643	1,268	(375)
Electronics and Appliance Stores	443	Local	1,319	1,283	(36)
Building Material and Garden Equipment and Supplies Dealers	444	Local	2,364	2,882	518
Food and Beverage Stores	445	Local	12,759	15,307	2,548
Health and Personal Care Stores	446	Local	6,423	6,224	(199)
Gasoline Stations	447	Local	1,422	1,697	275
Clothing and Clothing Accessories Stores	448	Local	7,801	7,830	29
Sporting Goods, Hobby, Musical Instrument, and Book Stores	451	Local	2,165	1,554	(611)
General Merchandise Stores	452	Local	6,743	7,351	608
Miscellaneous Store Retailers	453		2,688	2,541	(147)
Florists	4531	Local	382	234	(148)
Office Supplies, Stationery, and Gift Stores	4532	Local	961	1,092	131
Used Merchandise Stores	4533	Local	562	500	(62)
Other Miscellaneous Store Retailers	4539		783	715	(68)
<i>Pet and Pet Supplies Stores</i>	45391	Local	191	331	140
<i>Art Dealers</i>	45392	Traded	110	74	(36)
<i>Manufactured (Mobile) Home Dealers</i>	45393	Local	-	-	-
<i>All Other Miscellaneous Store Retailers</i>	45399	Local	482	310	(172)
Nonstore Retailers	454		1,129	1,382	253
Electronic Shopping and Mail Order Houses	4541	Traded	403	1,078	675
Vending Machine Operators	4542	Local	185	32	(153)
Direct Selling Establishments	4543	Local	541	272	(269)
Total Retail Trade Traded			513	1,152	639
Total Retail Trade Local			50,534	50,998	464
Transportation and Warehousing	48-49		23,545	24,857	1,312
Air Transportation	481	Traded	6,775	8,828	2,053
Water Transportation	483	Traded	774	10	(764)
Truck Transportation	484		2,113	2,113	-
General Freight Trucking	4841		1,373	1,468	95
<i>General Freight Trucking, Local</i>	48411	Local	153	984	831
<i>General Freight Trucking, Long Distance</i>	48412		1,220	484	(736)
General Freight Trucking, Long-Distance, Truckload	484121	Traded	437	367	(70)
General Freight Trucking, Long-Distance, Less Than Truckload	484122	Local	783	117	(666)
Specialized Freight Trucking	4842		740	645	(95)
<i>Used Household and Office Goods Moving</i>	48421	Local	368	247	(121)
<i>Specialized Freight (except Used Goods) Trucking, Local</i>	48422	Local	142	196	54
<i>Specialized Freight (except Used Goods) Trucking, Long-Distance</i>	48423	Traded	230	202	(28)
Transit and Ground Passenger Transportation	485		2,056	3,626	1,570
Urban Transit Systems	4851	Local	72	59	(13)
Interurban and Rural Bus Transportation	4852	Traded	236	166	(70)
Taxi and Limousine Service	4853	Traded	174	483	309
School and Employee Bus Transportation	4854	Local	287	1,927	1,640
Charter Bus Industry	4855	Traded	369	75	(294)
Other Transit and Ground Passenger Transportation	4859		918	916	(2)
<i>Other Transit and Ground Passenger Transportation</i>	48599		918	916	(2)
Special Needs Transportation	485991	Local	823	879	56
All Other Transit and Ground Passenger Transportation	485999	Traded	95	37	(58)

Pipeline Transportation	486	Traded	100	133	33
Scenic and Sightseeing Transportation	487	Traded	174	253	79
Support Activities for Transportation	488		2,327	4,858	2,531
Support Activities for Air Transportation	4881	Traded	629	1,766	1,137
Support Activities for Rail Transportation	4882	Traded	5	1,061	1,056
Support Activities for Water Transportation	4883	Traded	761	788	27
Support Activities for Road Transportation	4884		86	299	213
Motor Vehicle Towing	48841	Local	39	268	229
Other Support Activities for Road Transportation	48849	Traded	47	31	(16)
Freight Transportation Arrangement	4885	Traded	826	884	58
Other Support Activities for Transportation	4889	Traded	20	60	40
Couriers and Messengers	492	Local	8,965	2,163	(6,802)
Warehousing and Storage	493	Traded	261	2,873	2,612
Total Transportation and Warehousing Traded			11,913	18,017	6,104
Total Transportation and Warehousing Local			11,632	6,840	(4,792)
Utilities	22		2,258	1,791	(467)
Utilities	221		2,258	1,791	(467)
Electric Power Generation, Transmission and Distribution	2211		2,075	1,691	(384)
Electric Power Generation	22111	Traded	346	-	(346)
Electric Power Transmission, Control, and Distribution	22112		1,729	1,691	(38)
Electric Bulk Power Transmission and Control	221121	Traded	9	59	50
Electric Power Distribution	221122	Local	1,720	1,632	(88)
Natural Gas Distribution	2212	Local	9	-	(9)
Water, Sewage and Other Systems	2213		174	100	(74)
Water Supply and Irrigation Systems	22131	Traded	-	-	-
Sewage Treatment Facilities	22132	Local	9	-	(9)
Steam and Air-Conditioning Supply	22133	Traded	165	100	(65)
Total Utilities Traded			520	159	(361)
Total Utilities Local			1,738	1,632	(106)
Total Trade, Transportation, and Utilities Traded			32,670	29,695	(2,975)
Total Trade, Transportation, and Utilities Local			65,803	65,364	(439)

Information

Sector Name	NAICS Code	Classification	Employment in 1998	Employment in 2016	Change in Employment, 1998-2016
Information	51		19,162	16,201	(2,961)
Publishing Industries (except Internet)	511		4,123	3,520	(603)
Newspaper, Periodical, Book, and Directory Publishers	5111		3,967	3,093	(874)
Newspaper Publishers	51111	Local	2,109	800	(1,309)
Periodical Publishers	51112	Traded	280	1,807	1,527
Book Publishers	51113	Traded	925	485	(440)
Directory and Mailing List Publishers	51114	Traded	495	1	(494)
Other Publishers	51119	Traded	159	-	(159)
Software Publishers	5112	Traded	156	427	271
Motion Picture and Sound Recording Industries	512		1,050	812	(238)
Motion Picture and Video Industries	5121		1,001	744	(257)
Motion Picture and Video Production	51211	Traded	222	285	63
Motion Picture and Video Distribution	51212	Traded	-	18	18
Motion Picture and Video Exhibition	51213		703	366	(337)
Motion Picture Theaters (except Drive-Ins)	512131	Local	703	366	(337)
Drive-In Motion Picture Theaters	512132	Traded	-	-	-
Postproduction Services and Other Motion Picture and Video Industries	51219	Traded	76	75	(1)
Sound Recording Industries	5122	Traded	49	68	19
Broadcasting (except Internet)	515		1,785	1,293	(492)
Radio and Television Broadcasting	5151	Local	1,785	1,081	(704)
Cable and Other Subscription Programming	5152	Traded	-	212	212
Telecommunications	517		7,459	7,993	534
Wired Telecommunications Carriers	5171	Local	6,952	7,320	368
Wireless Telecommunications Carriers (except Satellite)	5172	Traded	119	517	398
Satellite Telecommunications	5174	Traded	-	-	-
Other Telecommunications	5179		388	156	(232)
Other Telecommunications	51791		388	156	(232)
Telecommunications Resellers	517911	Local	301	32	(269)
All Other Telecommunications	517919	Traded	87	124	37
Data Processing, Hosting, and Related Services	518	Traded	99	1,023	924
Other Information Services	519	Traded	4,646	1,560	(3,086)
Total Information Traded			7,313	6,602	(711)
Total Information Local			11,850	9,599	(2,251)

Financial Activities

Sector Name	NAICS Code	Classification	Employment in 1998	Employment in 2016	Change in Employment, 1998-2016
			#REF!	#REF!	#REF!
Finance and Insurance	52				
Monetary Authorities-Central Bank	521	Traded	1,282	848	(434)
Credit Intermediation and Related Activities	522		11,034	8,991	(2,043)
Depository Credit Intermediation	5221		9,243	7,816	(1,427)
Commercial Banking	52211	Local	6,719	5,447	(1,272)
Savings Institutions	52212	Traded	1,489	1,055	(434)
Credit Unions	52213	Local	1,035	1,275	240
Other Depository Credit Intermediation	52219	Traded	-	39	39
Nondepository Credit Intermediation	5222	Traded	1,161	795	(366)
Activities Related to Credit Intermediation	5223	Traded	630	380	(250)
Securities, Commodity Contracts, and Other Financial Investments and Related Activities	523	Traded	6,062	5,439	(623)
Insurance Carriers and Related Activities	524		28,603	15,634	(12,969)
Insurance Carriers	5241	Traded	24,478	11,717	(12,761)
Agencies, Brokerages, and Other Insurance Related Activities	5242		4,125	3,917	(208)
Insurance Agencies and Brokerages	52421	Local	3,241	2,478	(763)
Other Insurance Related Activities	52429		884	1,439	555
Claims Adjusting	524291	Traded	195	222	27
Third Party Administration of Insurance and Pension Funds	524292	Local	586	665	79
All Other Insurance Related Activities	524298	Traded	103	552	449
Funds, Trusts, and Other Financial Vehicles	525		#REF!	#REF!	#REF!
Other Investment Pools and Funds	5259		32	54	22
Open-End Investment Funds	52591	Traded	1	3	2
Other Financial Vehicles	52599	Traded	31	51	20
Total Finance and Insurance Traded			35,432	21,101	(14,331)
Total Finance and Insurance Local			11,581	9,865	(1,716)
Real Estate and Rental and Leasing	53		10,174	10,681	507
Real Estate	531	Local	7,559	8,414	855
Rental and Leasing Services	532		2,605	2,260	(345)
Automotive Equipment Rental and Leasing	5321		1,224	1,311	87
Passenger Car Rental and Leasing	53211		1,009	978	(31)
Passenger Car Rental	532111	Local	1,000	978	(22)
Passenger Car Leasing	532112	Traded	9	-	(9)
Truck, Utility Trailer, and RV (Recreational Vehicle) Rental and Leasing	53212	Local	215	333	118
Consumer Goods Rental	5322		1,110	335	(775)
Consumer Electronics and Appliances Rental	53221	Local	59	168	109
Formal Wear and Costume Rental	53222	Local	34	6	(28)
Video Tape and Disc Rental	53223	Local	697	9	(688)
Other Consumer Goods Rental	53229		320	152	(168)
Home Health Equipment Rental	532291	Local	174	14	(160)
Recreational Goods Rental	532292	Traded	9	109	100
All Other Consumer Goods Rental	532299	Local	137	29	(108)
General Rental Centers	5323	Local	106	9	(97)
Commercial and Industrial Machinery and Equipment Rental and Leasing	5324	Traded	165	605	440
Lessors of Nonfinancial Intangible Assets (except Copyrighted Works)	533	Traded	10	7	(3)
Total Real Estate and Rental and Leasing Traded			193	721	528
Total Real Estate and Rental and Leasing Local			9,981	9,960	(21)
Total Financial Activities Traded			35,625	21,822	(13,803)
Total Financial Activities Local			21,562	19,825	(1,737)

Professional and Business Services

Sector Name	NAICS Code	Classification	Employment in 1998	Employment in 2016	Change in Employment, 1998-2016
Professional, Scientific and Technical Services	54		54,785	47,936	(6,849)
Professional, Scientific and Technical Services	541		54,785	47,936	(6,849)
Legal Services	5411		17,472	17,324	(148)
Offices of Lawyers	54111	Local	16,958	16,788	(170)
Other Legal Services	54119		514	536	22
Title Abstract and Settlement Offices	541191	Local	267	191	(76)
All Other Legal Services	541199	Traded	247	345	98
Accounting, Tax Preparation, Bookkeeping, and Payroll Services	5412		6,733	8,056	1,323
Accounting, Tax Preparation, Bookkeeping, and Payroll Services	54121		6,733	8,056	1,323
Offices of Certified Public Accountants	541211	Local	4,667	6,312	1,645
Tax Preparation Services	541213	Local	577	837	260
Payroll Services	541214	Traded	1,110	405	(705)
Other Accounting Services	541219	Local	379	502	123
Architectural, Engineering, and Related Services	5413		18,134	5,690	(12,444)
Architectural Services	54131	Traded	2,546	2,208	(338)
Landscape Architectural Services	54132	Traded	136	202	66
Engineering Services	54133	Traded	15,336	3,136	(12,200)
Drafting Services	54134	Traded	9		(9)
Building Inspection Services	54135	Local	9	35	26
Geophysical Surveying and Mapping Services	54136	Traded	-	9	9
Surveying and Mapping (except Geophysical) Services	54137	Local	49	64	15
Testing Laboratories	54138	Local	49	36	(13)
Specialized Design Services	5414	Traded	726	579	(147)
Computer Systems Design and Related Services	5415	Traded	1,775	4,395	2,620
Management, Scientific, and Technical Consulting Services	5416		4,147	5,626	1,479
Management Consulting Services	54161	Traded	3,854	5,215	1,361
Environmental Consulting Services	54162	Local	91	72	(19)
Other Scientific and Technical Consulting Services	54169	Traded	202	339	137
Scientific Research and Development Services	5417	Traded	2,588	2,909	321
Advertising, Public Relations, and Related Services	5418	Traded	2,196	1,840	(356)
Other Professional, Scientific, and Technical Services	5419		1,014	1,517	503
Marketing Research and Public Opinion Polling	54191	Traded	336	625	289
Photographic Services	54192	Local	319	103	(216)
Translation and Interpretation Services	54193	Traded	39	116	77
Veterinary Services	54194	Local	267	507	240
All Other Professional, Scientific, and Technical Services	54199	Traded	53	166	113
Total Professional, Scientific, and Technical Services Traded			31,153	22,489	(8,664)
Total Professional, Scientific, and Technical Services Local			23,632	25,447	1,815
Management of Companies and Enterprises	55		15,061	15,313	252
Management of Companies and Enterprises	551		15,061	15,313	252
Management of Companies and Enterprises	5511		15,061	15,313	252
Management of Companies and Enterprises	55111		15,061	15,313	252
Offices of Bank Holding Companies	551111	Traded	96	-	(96)
Offices of Other Holding Companies	551112	Traded	403	138	(265)
Corporate, Subsidiary, and Regional Managing Offices	551114	Traded	14,562	15,175	613
Total Management of Companies and Enterprises Traded			15,061	15,313	252
Total Management of Companies and Enterprises Local			-	-	-

Administrative and Support and Waste Management and Remediation Services	56		31,442	24,177	(7,265)
Administrative and Support Services	561		30,619	23,430	(7,189)
Office Administrative Services	5611	Local	1,131	1,005	(126)
Facilities Support Services	5612	Traded	459	1,027	568
Employment Services	5613		15,208	7,051	(8,157)
Employment Placement Agencies and Executive Search Services	56131	Traded	701	966	265
Temporary Help Services	56132	Local	11,760	5,977	(5,783)
Professional Employer Organizations	56133	Traded	2,747	108	(2,639)
Business Support Services	5614		3,672	2,140	(1,532)
Document Preparation Services	56141	Local	87	65	(22)
Telephone Call Centers	56142	Traded	1,551	964	(587)
Business Service Centers	56143	Local	1,313	525	(788)
Collection Agencies	56144	Local	508	227	(281)
Credit Bureaus	56145	Traded	57	2	(55)
Other Business Support Services	56149		156	357	201
Repossession Services	561491	Local	72	6	(66)
Court Reporting and Stenotype Services	561492	Local	75	272	197
All Other Business Support Services	561499	Traded	9	79	70
Travel Arrangement and Reservation Services	5615	Traded	1,816	997	(819)
Investigation and Security Services	5616	Local	4,970	7,197	2,227
Services to Buildings and Dwellings	5617	Local	1,834	2,472	639
Other Support Services	5619		1,529	1,541	12
Packaging and Labeling Services	56191	Traded	822	1,042	220
Convention and Trade Show Organizers	56192	Traded	301	166	(135)
All Other Support Services	56199	Local	406	333	(73)
Waste Management and Remediation Services	562		823	747	(76)
Waste Collection	5621		631	437	(194)
Waste Collection	56211		631	437	(194)
Solid Waste Collection	562111	Local	563	435	(128)
Hazardous Waste Collection	562112	Traded	59	2	(57)
Other Waste Collection	562119	Traded	9	-	(9)
Waste Treatment and Disposal	5622		88	76	(12)
Waste Treatment and Disposal	56221		88	76	(12)
Hazardous Waste Treatment and Disposal	562211	Traded	-	58	58
Solid Waste Landfill	562212	Local	59	9	(50)
Solid Waste Combustors and Incinerators	562213	Traded	-	-	-
Other Nonhazardous Waste Treatment and Disposal	562219	Traded	29	9	(20)
Remediation and Other Waste Management Services	5629		104	234	130
Remediation Services	56291	Local	76	159	83
Materials Recovery Facilities	56292	Traded	19	53	34
All Other Waste Management Services	56299		9	22	13
Septic Tank and Related Services	562991	Local	9	5	(4)
All Other Miscellaneous Waste Management Services	562998	Traded	-	17	17
Total Administrative and Support and Waste Management and Remediation Services Traded			8,579	5,490	(3,089)
Total Administrative and Support and Waste Management and Remediation Services Local			22,863	18,687	(4,176)
Total Professional and Business Services Traded			54,793	43,292	(11,501)
Total Professional and Business Services Local			46,495	44,134	(2,361)

Education and Health Services

Sector Name	NAICS Code	Classification	Employment in 1998	Employment in 2016	Change in Employment, 1998-2016
Educational Services	61		48,250	84,285	36,035
Educational Services	611		48,250	84,285	36,035
Elementary and Secondary Schools	6111	Local	6,613	14,051	7,438
Junior Colleges	6112	Traded	386	615	229
Colleges, Universities, and Professional Schools	6113	Traded	38,409	65,265	26,856
Business Schools and Computer and Management Training	6114	Traded	540	397	(143)
Technical and Trade Schools	6115		948	566	(382)
Technical and Trade Schools	61151		948	566	(382)
Cosmetology and Barber Schools	611511	Local	96	130	34
Flight Training	611512	Traded	50	-	(50)
Apprenticeship Training	611513	Traded	113	198	85
Other Technical and Trade Schools	611519	Local	689	238	(451)
Other Schools and Instruction	6116		1,036	1,699	663
Fine Arts Schools	61161	Local	415	947	532
Sports and Recreation Instruction	61162	Local	51	131	80
Language Schools	61163	Traded	111	106	(5)
All Other Schools and Instruction	61169		459	515	56
Exam Preparation and Tutoring	611691	Traded	146	212	66
Automobile Driving Schools	611692	Local	110	35	(75)
All Other Miscellaneous Schools and Instruction	611699	Traded	203	268	65
Educational Support Services	6117	Traded	318	1,692	1,374
Total Educational Services Traded			40,276	68,753	28,477
Total Educational Services Local			7,974	15,532	7,558

Health Care and Social Assistance			122,210	153,198	30,988
Ambulatory Health Care Services	621	Local	27,524	38,052	10,528
Offices of Physicians	6211	Local	8,370	10,984	2,614
Offices of Dentists	6212	Local	2,582	3,029	447
Offices of Other Health Practitioners	6213	Local	2,884	2,908	24
Outpatient Care Centers	6214	Local	5,628	8,109	2,481
Medical and Diagnostic Laboratories	6215	Local	443	863	420
Home Health Care Services	6216	Local	4,984	8,392	3,408
Other Ambulatory Health Care Services	6219	Local	2,633	3,767	1,134
Hospitals	622	Local	60,031	66,883	6,852
General Medical and Surgical Hospitals	6221	Local	54,957	59,221	4,264
Psychiatric and Substance Abuse Hospitals	6222	Local	1,594	2,531	937
Specialty (except Psychiatric and Substance Abuse) Hospitals	6223	Local	3,480	5,131	1,651
Nursing and Residential Care Facilities	623	Local	17,345	19,019	1,674
Nursing Care Facilities (Skilled Nursing Facilities)	6231	Local	7,201	6,865	(336)
Residential Intellectual and Developmental Disability, Mental Health, and Substance Abuse Facilities	6232	Local	4,748	7,841	3,093
Continuing Care Retirement Communities and Assisted Living Facilities for the Elderly	6233	Local	4,147	3,143	(1,004)
Other Residential Care Facilities	6239	Local	1,249	1,170	(79)
Social Assistance	624	Local	17,310	29,244	11,934
Individual and Family Services	6241	Local	9,611	18,154	8,543
Community Food and Housing, and Emergency and Other Relief Services	6242	Local	1,550	2,317	767
Vocational Rehabilitation Services	6243	Local	2,610	1,650	(960)
Child Day Care Services	6244	Local	3,539	7,123	3,584
Total Health Care and Social Assistance Traded			-	-	-
Total Health Care and Social Assistance Local			122,210	153,198	30,988
Total Education and Health Services Traded			40,276	68,753	28,477
Total Education and Health Services Local			130,184	168,730	38,546

Leisure and Hospitality

Sector Name	NAICS Code	Classification	Employment in 1998	Employment in 2016	Change in Employment, 1998-2016
Arts, Entertainment and Recreation	71		7,250	23,507	16,257
Performing Arts, Spectator Sports, and Related Industries	711	Traded	3,760	16,403	12,643
Performing Arts Companies	7111	Traded	1,094	1,156	62
Spectator Sports	7112	Traded	1,018	2,519	1,501
Promoters of Performing Arts, Sports, and Similar Events	7113	Traded	1,558	12,555	10,997
Agents and Managers for Artists, Athletes, Entertainers, and Other Public Figures	7114	Traded	34	20	(14)
Independent Artists, Writers, and Performers	7115	Traded	56	153	97
Museums, Historical Sites, and Similar Institutions	712	Traded	1,380	2,308	928
Amusement, Gambling, and Recreation Industries	713		2,110	4,796	2,686
Amusement Parks and Arcades	7131	Traded	137	11	(126)
Gambling Industries	7132	Traded	10	1,425	1,415
Other Amusement and Recreation Industries	7139		1,963	3,360	1,397
Golf Courses and Country Clubs	71391	Local	294	452	158
Skiing Facilities	71392	Traded	-	-	-
Marinas	71393	Traded	-	-	-
Fitness and Recreational Sports Centers	71394	Local	1,222	2,310	1,088
Bowling Centers	71395	Local	193	225	32
All Other Amusement and Recreation Industries	71399	Traded	254	373	119
Total Arts, Entertainment and Recreation Traded			5,541	20,520	14,979
Total Arts, Entertainment and Recreation Local			1,709	2,987	1,278
Accommodation and Food Services	72		40,034	60,331	20,297
Accommodation	721	Traded	7,285	7,270	(15)
Traveler Accommodation	7211	Traded	7,127	7,185	58
RV (Recreational Vehicle) Parks and Recreational Camps	7212	Traded	10	-	(10)
Rooming and Boarding Houses	7213	Traded	148	85	(63)
Food Services and Drinking Places	722	Local	32,749	53,061	20,312
Special Food Services	7223	Local	4,510	10,783	6,273
Drinking Places (Alcoholic Beverages)	7224	Local	2,681	3,300	619
Restaurants and Other Eating Places	7225	Local	25,558	38,978	13,420
Total Accommodation and Food Services Traded			7,285	7,270	(15)
Total Accommodation and Food Services Local			32,749	53,061	20,312
Total Leisure and Hospitality Traded			12,826	27,790	14,964
Total Leisure and Hospitality Local			34,458	56,048	21,590

Other Services

Sector Name	NAICS Code	Classification	Employment in 1998	Employment in 2016	Change in Employment, 1998-2016
Other Services	81		26,665	27,429	764
Repair and Maintenance	811	Local	3,603	3,254	(349)
Personal and Laundry Services	812	Local	7,352	9,037	1,685
Religious, Grantmaking, Civic, Professional, and Similar Organizations	813		15,710	15,138	(572)
Religious Organizations	8131	Local	6,797	5,276	(1,521)
Grantmaking and Giving Services	8132	Local	1,419	1,151	(268)
Social Advocacy Organizations	8133	Local	1,489	1,464	(25)
Civic and Social Organizations	8134	Local	1,834	1,389	(445)
Business, Professional, Labor, Political, and Similar Organizations	8139		4,171	5,858	1,687
Business Associations	81391	Local	438	335	(103)
Professional Organizations	81392	Traded	1,017	2,226	1,209
Labor Unions and Similar Labor Organizations	81393	Local	1,801	2,315	514
Political Organizations	81394	Local	67	151	84
Other Similar Organizations (except Business, Professional, Labor, and Political Organizations)	81399	Local	848	831	(17)
Total Other Services Traded			1,017	2,226	1,209
Total Other Services Local			25,648	25,203	(445)