

# LABOR MARKET SUPPLY AND DEMAND

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## EAST END, PITTSBURGH

#### Appendices



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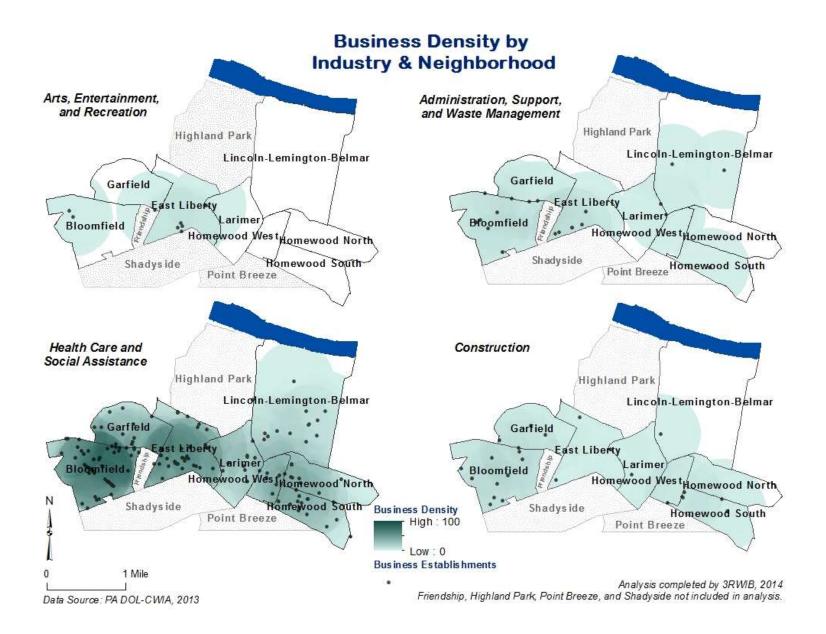


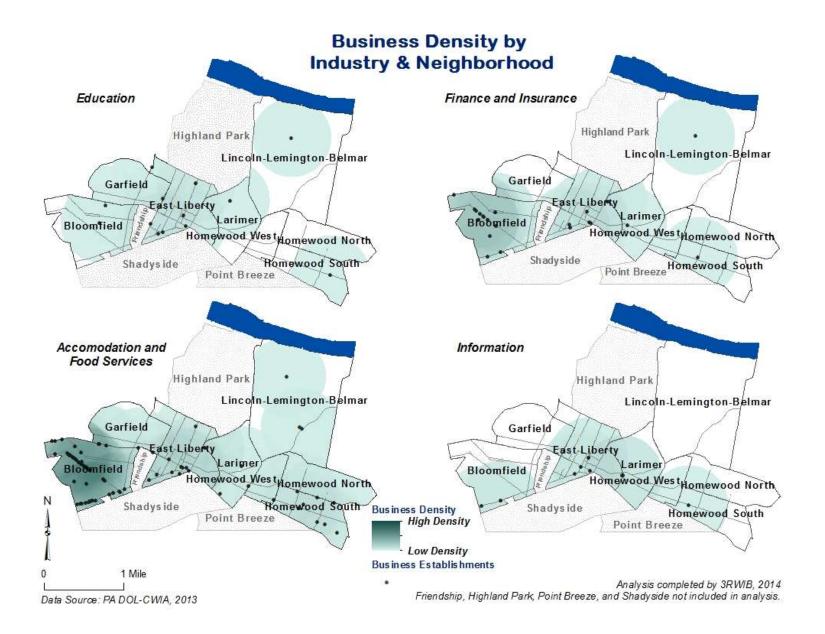
### Appendix A: Employer Density

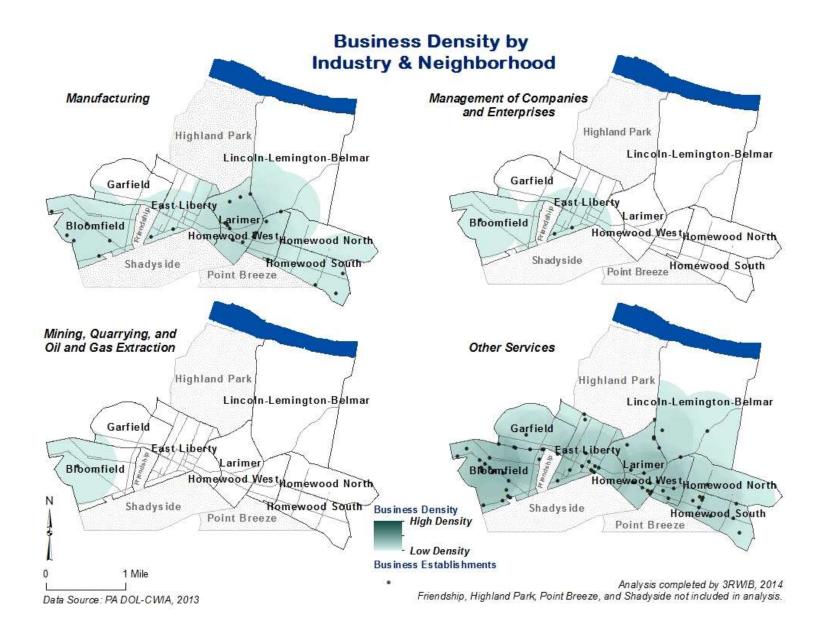
#### • Business Density by industry and neighborhood (maps)

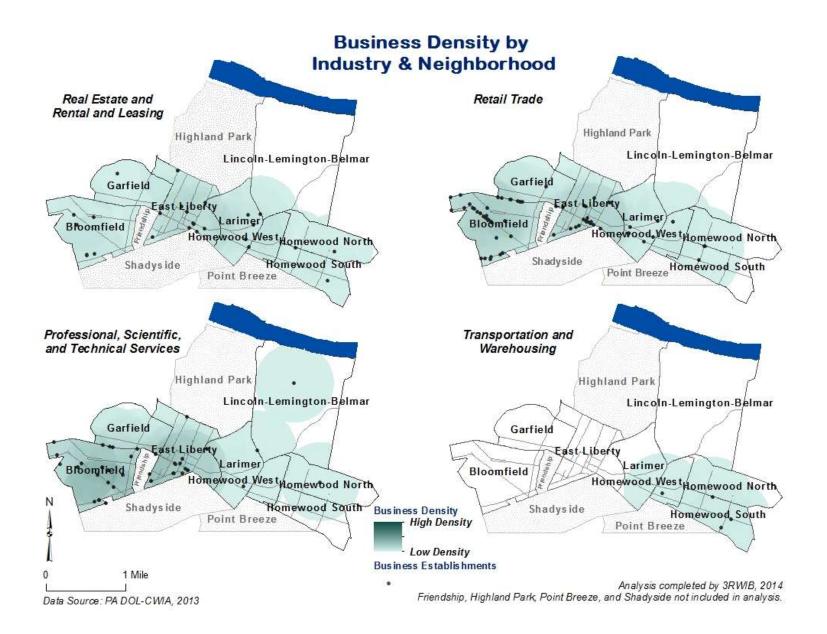
- Management of Companies and Enterprises
- Professional, Scientific, and Technical Services
- Finance and Insurance
- Information
- Manufacturing
- Construction
- Transportation and Warehousing
- Wholesale Trade
- Retail Trade
- Accomodation and Food Services
- Administrative, Support, Waste Management, and Remediation
- Other Services
- Healthcare and Social Assistance
- Arts, Entertainment, and Recreation
- Educational Services
- Real Estate, Rental, and Leasing
- Utilities
- Mining, Quarrying, and Oil and Gas Extraction
- All Industry Sectors
- Business Density by industry and neighborhood (table)
- Employers with 100+ employees by industry and neighborhood (table)

Source: Center for Workforce Information and Analysis; Pennsylvania Department of Labor and Industry; 2013.

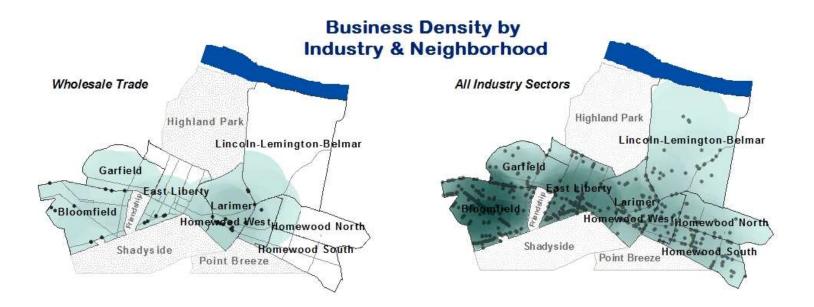








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Businesses by Neighborhood, Industry & Size (number of employees per business)	1-4	5-9	10-19	20-49	50-99	100-249	250-499	1,000+	Total
Bloomfield	135	62	37	31	6	4	1	2	278
Accommodation and Food Services	22	6	14	9	1				52
Admin., Support, Waste Management	4	1				2			7
Arts, Entertainment, and Recreation	1		1						2
Educational Services	8	3							11
Finance and Insurance				2					2
Healthcare and Social Assistance	11	6	1	2					20
Information	29	18	9	10	2	1		2	71
Management of Companies and Enterprises	2	1		1					4
Manufacturing					1				1
Other Services	3	2	1						6
Professional, Scientific, and Technical Services	1								1
Real Estate and Rental and Leasing	16	9	1						26
Retail Trade	15	6	3	1			1		26
Transportation and Warehousing	3	1	1	1					6
Utilities	17	4	6	4	2	1			34
Wholesale Trade	3	5		1					9
East Liberty	74	36	24	22	3	5	1		165
Accommodation and Food Services	2	2	2	3	1				10
Admin., Support and Waste Management	2		2	1		1	1		7
Arts, Entertainment, and Recreation	3		1						4
Construction		2							2
Educational Services	3	1	1	2	2				9
Finance and Insurance		4	1	1					6
Healthcare and Social Assistance	23	8	3	13		1			48
Information	3		2						5
Management of Companies and Enterprises	1			1					2
Manufacturing	1		1						2
Other Services	9	1	3	1					14
Professional, Scientific, and Technical Services	12	2	2			1			17
Real Estate and Rental and Leasing	5	5	1						11
Retail Trade	8	9	3			2			22
Wholesale Trade	1	2	2						5

Garfield	28	14	3	3	1		49
Accommodation and Food Services	2	1		1			4
Admin., Support and Waste Management	2	1					3
Arts, Entertainment, and Recreation	1						1
Construction	1	3					4
Healthcare and Social Assistance	13	2		1	1		17
Other Services	2	2	2	1			7
Professional, Scientific, and Technical Services	1	2	1				4
Real Estate and Rental and Leasing		1					1
Retail Trade	5	1					6
Wholesale Trade	1	1					2
Homewood North	13						13
Healthcare and Social Assistance	9						9
Other Services	1						1
Professional, Scientific, and Technical Services	1						1
Real Estate and Rental and Leasing	1						1
Homewood South	41	10	5	3	3		62
Accommodation and Food Services	8						8
Admin., Support and Waste Management	1						1
Construction	3		2		1		6
Educational Services	1						1
Finance and Insurance		1					1
Healthcare and Social Assistance	17	1	1	2	1		22
Information			1				1
Manufacturing	1	2	1				4
Other Services	5	4		1			10
Real Estate and Rental and Leasing	1	1					2
Retail Trade	3						3
Transportation and Warehousing	1	1			1		3
Homewood West	14	4	4	3			25
Accommodation and Food Services	1	1					2
Healthcare and Social Assistance	6		1				7
Manufacturing		1		2			3
Other Services	3		2	1			6
Real Estate and Rental and Leasing	1						1
Retail Trade	1	1					2
Transportation and Warehousing			1				1
Wholesale Trade	1	1					2

Larimer	34	11	13	10	4	2		74
Accommodation and Food Services	2	1		1	1			5
Arts, Entertainment, and Recreation					1			1
Construction	1	1						2
Educational Services	1							1
Finance and Insurance	3							3
Healthcare and Social Assistance	8		3	2	1	1		15
Information	1		1	2				4
Manufacturing	4		1	3				8
Other Services	2	4	1		1	1		9
Professional, Scientific, and Technical Services	2							2
Real Estate and Rental and Leasing	4							4
Retail Trade	3	2	1	1				7
Wholesale Trade	2	2	6	1				11
Lincoln-Lemington-Belmar	24	6	5	6		1		42
Accommodation and Food Services	3							3
Admin., Support and Waste Management	1		2	1				4
Construction	1							1
Educational Services						1		1
Finance and Insurance		1						1
Healthcare and Social Assistance	11	1		3				15
Manufacturing	1			1				2
Other Services	6		2					8
Professional, Scientific, and Technical Services		1		1				2
Real Estate and Rental and Leasing		1						1
Wholesale Trade	1	2	1					4

Employers with 100+ Employees										
Neighborhood and Business	Sector	Number of Employees								
Bloomfield		Employers: 7								
CHILDREN'S HOSPITAL OF PITTSBURGH	Healthcare and Social Assistance	1000+								
PUBLIC INTEREST COMMUNICATIONS INC	Admin., Support and Waste Management	100-249								
UPCI CANCER SERVICES	Professional, Scientific, and Technical Services	250-499								
W & S VEHICLES LLC	Retail Trade	100-249								
WEST PENN ALLEGHENY ONCOLOGY NTWK	Healthcare and Social Assistance	100-249								
WESTERN PENN ALLEGHENY HEALTH	Healthcare and Social Assistance	1000+								
WORKERS INC	Admin., Support and Waste Management	100-249								
East Liberty		Employers: 6								
AAA EAST CENTRAL	Admin., Support and Waste Management	100-249								
CAULEY DETECTIVE AGENCY INC	Admin., Support and Waste Management	250-499								
HIGHLAND PARK CARE CENTER LLC	Healthcare and Social Assistance	100-249								
HOME DEPOT U S A INC	Retail Trade	100-249								
NOVUM PHARMACEUTICAL RESEARCH	Professional, Scientific, and Technical Services	100-249								
TARGET CORPORATION	Retail Trade	100-249								
Lincoln-Lemington-Belmar		Employers: 4								
CAREER SYSTEMS DEVELOPMENT CORP	Educational Services	100-249								
GIANT EAGLE INC	Retail Trade	250-499								
UPMC ST MARGARET	Healthcare and Social Assistance	1000+								
WAL-MART ASSOCIATES INC	Retail Trade	100-249								
Larimer		Employers: 2								
FORBES CENTER FOR REHABILITATION AN	Healthcare and Social Assistance	100-249								
IRON CITY INDUSTRIAL CLEANING CORP	Other Services	100-249								

#### Appendix B: 10 Year Growth Projections

- Industry Growth Projections (table)
- Occupational Growth Projections (table)

Source: Quarterly Census of Employment and Wages, 2014.

40 East End Workforce Supply-Demand Analysis, completed by 3 Rivers Workforce Investment Board, July 2014

	10 Year Projected Industry Growth												
NAICS Code	Description	2014 Jobs	2023 Jobs	Change	% Change	2014 Wages, Salaries, & Proprietor Earnings	2014 Supplements	2014 Earnings					
11	Agriculture, Forestry, Fishing and Hunting	<10	<10					\$31,913					
21	Mining, Quarrying, and Oil and Gas Extraction	0	<10			\$0	\$0	\$94,534					
22	Utilities	0	0	0		\$0	\$0						
23	Construction	378	485	107	28.31%	\$60,591	\$12,399	\$72,990					
31	Manufacturing	756	769	13	1.72%	\$58,927	\$18,008	\$76,935					
42	Wholesale Trade	327	290	(37)	-11.31%	\$55,474	\$9,400	\$64,874					
44	Retail Trade	1,840	1,747	(93)	-5.05%	\$26,930	\$6,396	\$33,326					
48	Transportation and Warehousing	131	170	39	29.77%	\$37,394	\$9,867	\$47,261					
51	Information	570	616	46	8.07%	\$131,292	\$27,089	\$158,381					
52	Finance and Insurance	233	252	19	8.15%	\$66,421	\$15,395	\$81,816					
53	Real Estate and Rental and Leasing	225	217	(8)	-3.56%	\$44,884	\$7,653	\$52,537					
54	Professional, Scientific, and Technical Services	955	1,001	46	4.82%	\$81,055	\$13,020	\$94,075					
55	Management of Companies and Enterprises	24	27	3	12.50%	\$126,228	\$22,717	\$148,945					
56	Admin., Support, and Waste Management	1,265	1,407	142	11.23%	\$25,932	\$5,626	\$31,558					
61	Educational Services (Private)	671	647	(24)	-3.58%	\$38,436	\$8,833	\$47,269					
62	Healthcare and Social Assistance	10,566	12,057	1,491	14.11%	\$53,118	\$11,938	\$65,056					
71	Arts, Entertainment, and Recreation	654	732	78	11.93%	\$25,746	\$5,401	\$31,147					
72	Accommodation and Food Services	1,498	1,537	39	2.60%	\$15,849	\$3,133	\$18,982					
81	Other Services (except Public Administration)	834	857	23	2.76%	\$31,674	\$6,120	\$37,794					
90	Government	757	694	(63)	-8.32%	\$67,545	\$27,762	\$95,307					
99	Unclassified Industry	0	0	0		\$0	\$0						
	Total	21,685	23,506	1,821	8.40%	\$48,833	\$11,147	\$59,980					

	10 Year Projec	cted Occup	ation Gro	wth				
ONET Code	Description	2014 Jobs	2023 Jobs	Change	% Change	Annual Openings	Median Hourly Earnings	Avg. Hourly Earnings
11-0000	Management Occupations		812	72	10%	25	\$48.51	\$53.59
13-0000	Business and Financial Operations Occupations	698	747	49	7%	21	\$30.46	\$32.92
15-0000	Computer and Mathematical Occupations	473	521	48	10%	15	\$33.61	\$34.89
17-0000	Architecture and Engineering Occupations	284	308	24	8%	11	\$35.41	\$37.23
19-0000	Life, Physical, and Social Science Occupations	276	298	22	8%	13	\$27.61	\$30.24
21-0000	Community and Social Service Occupations	718	782	64	9%	25	\$18.80	\$19.50
23-0000	Legal Occupations	34	36	2	6%	1	\$47.68	\$53.66
25-0000	Education, Training, and Library Occupations	739	754	15	2%	21	\$22.42	\$23.92
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations		272	13	5%	9	\$22.92	\$24.85
29-0000	Healthcare Practitioners and Technical Occupations	4,976	5,724	748	15%	191	\$34.38	\$35.32
31-0000	Healthcare Support Occupations	1,478	1,695	217	15%	56	\$14.38	\$14.63
33-0000	Protective Service Occupations	992	1,164	172	17%	38	\$11.10	\$12.03
35-0000	Food Preparation and Serving Related Occupations	1,811	1,882	71	4%	78	\$10.74	\$11.16
37-0000	Building and Grounds Cleaning and Maintenance Occupations	508	551	43	8%	16	\$12.04	\$12.67
39-0000	Personal Care and Service Occupations	670	739	69	10%	24	\$11.20	\$11.74
41-0000	Sales and Related Occupations	1,572	1,513	(59)	(4%)	52	\$15.50	\$17.34
43-0000	Office and Administrative Support Occupations	3,365	3,467	102	3%	94	\$16.31	\$16.99
45-0000	Farming, Fishing, and Forestry Occupations	10	11	1	10%	0		
47-0000	Construction and Extraction Occupations	367	451	84	23%	18	\$22.89	\$23.38
49-0000	Installation, Maintenance, and Repair Occupations	513	541	28	5%	16	\$20.32	\$20.76
51-0000	Production Occupations	634	635	1	0%	21	\$16.86	\$17.41
53-0000	Transportation and Material Moving Occupations	568	602	34	6%	20	\$14.66	\$15.84
55-0000	Military occupations	0	0	0	0%	0	\$0.00	\$0.00
99-0000	Unclassified Occupation	0	0	0	0%	0	\$0.00	\$0.00
	Total	21,685	23,506	1,821	8%	764	\$22.18	\$23.27

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### Appendix C: Occupational Clusters

• Occupational Clusters and Wages (table)

Source: Quarterly Census of Employment and Wages, 2014.



Occupational Clusters and Wages										
Occupation	2014 Jobs	Median Hourly Earnings	Average Hourly Earnings							
Management Occupations	740	\$48.51	\$53.59							
Business and Financial Operations Occupations	698	\$30.46	\$32.92							
Computer and Mathematical Occupations	473	\$33.61	\$34.89							
Architecture and Engineering Occupations	284	\$35.41	\$37.23							
Life, Physical, and Social Science Occupations	276	\$27.61	\$30.24							
Community and Social Service Occupations	718	\$18.80	\$19.50							
Legal Occupations	34	\$47.68	\$53.66							
Education, Training, and Library Occupations	739	\$22.42	\$23.92							
Arts, Design, Entertainment, Sports, and Media Occupations	259	\$22.92	\$24.85							
Healthcare Practitioners and Technical Occupations	4,976	\$34.38	\$35.32							
Healthcare Support Occupations	1,478	\$14.38	\$14.63							
Protective Service Occupations	992	\$11.10	\$12.03							
Food Preparation and Serving Related Occupations	1,811	\$10.74	\$11.16							
Building and Grounds Cleaning and Maintenance Occupations	508	\$12.04	\$12.67							
Personal Care and Service Occupations	670	\$11.20	\$11.74							
Sales and Related Occupations	1,572	\$15.50	\$17.34							
Office and Administrative Support Occupations	3,365	\$16.31	\$16.99							
Farming, Fishing, and Forestry Occupations	10									
Construction and Extraction Occupations	367	\$22.89	\$23.38							
Installation, Maintenance, and Repair Occupations	513	\$20.32	\$20.76							
Production Occupations	634	\$16.86	\$17.41							
Transportation and Material Moving Occupations	568	\$14.66	\$15.84							
Military occupations	0	\$0.00	\$0.00							
Unclassified Occupation	0	\$0.00	\$0.00							
Total	21,685	\$22.18	\$23.27							



#### Appendix D: Green Jobs

• Green Jobs Occupational Clusters, Wages, and Projections (table)

Source: Quarterly Census of Employment and Wages, 2014.



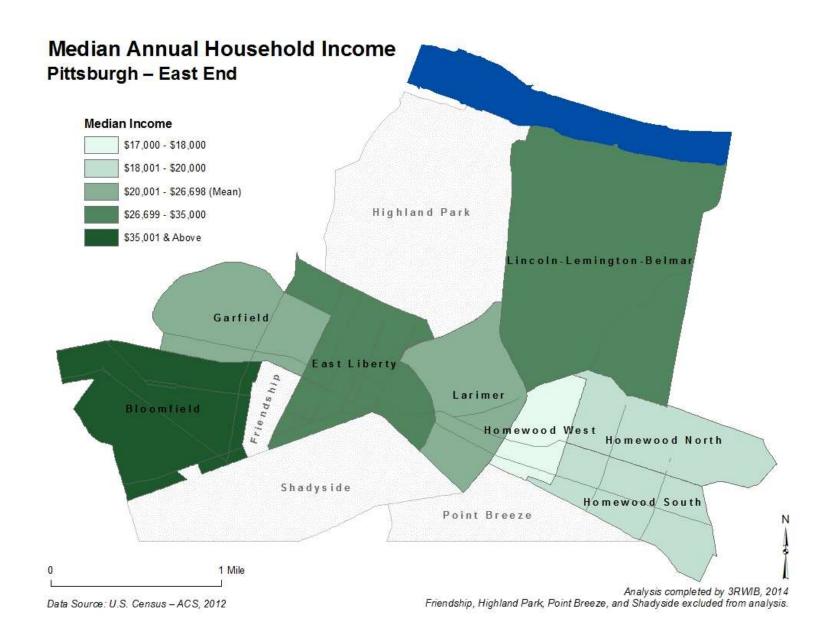
Green Jo	b Occupat	ional Clust	ters, Wage	s, and Proj	ections		
Job Description	2014 Jobs	2023 Jobs	Change	% Change	Annual Openings	Median Hourly Earnings	Avg. Hourly Earnings
Chemical Technicians	11	10	(1)	(9%)	0	\$17.81	\$18.70
Electricians	49	45	(4)	(8%)	1	\$25.96	\$26.13
First-Line Supervisors of Production and Operating Workers	44	43	(1)	(2%)	1	\$29.52	\$29.98
Dispatchers, Except Police, Fire, and Ambulance	12	12	0	0%	0	\$18.64	\$19.64
Electrical and Electronics Engineering Technicians	14	14	0	0%	0	\$26.47	\$26.25
Chemists	14	14	0	0%	1	\$29.92	\$32.05
Carpenters	59	59	0	0%	2	\$21.85	\$22.41
Industrial Truck and Tractor Operators	24	25	1	4%	1	\$17.45	\$17.78
Construction and Building Inspectors	13	14	1	8%	0	\$25.82	\$25.33
Electrical Engineers	18	20	2	11%	1	\$41.11	\$42.10
Heating, Air Conditioning, and Refrigeration Mechanics and Installers	13	15	2	15%	1	\$22.09	\$22.96
Machinists	17	20	3	18%	1	\$20.63	\$21.38
Civil Engineers	43	51	8	19%	2	\$37.14	\$38.97
Electrical and Electronic Equipment Assemblers	23	28	5	22%	1	\$16.96	\$17.23
Welders, Cutters, Solderers, and Brazers	19	24	5	26%	1	\$19.06	\$19.47
Electromechanical Equipment Assemblers	13	17	4	31%	1	\$18.31	\$19.02
Construction Laborers	71	99	28	39%	5	\$18.08	\$18.40
Operating Engineers and Other Construction Equipment Operators	38	58	20	53%	3	\$22.97	\$23.49
Total	495	568	73	14.7%	22	\$21.97	\$24.52

#### Appendix E: Income

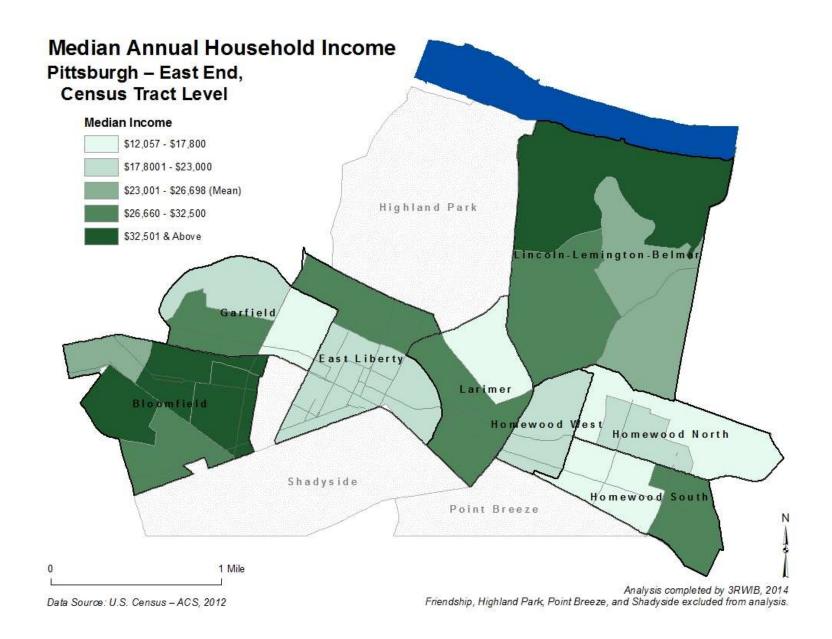
- Median Household Income (map)
- Median Household Income Census Tract Level (map)
- Per Capita Income (map)
- Per Capita Income Census Tract Level (map)
- Households receiving public assistance (map)
- Households receiving public assistance Census Tract Level (map)
- Median Household Income, Per Capita Income, and Households Receiving Public assistance by neighborhood (table)

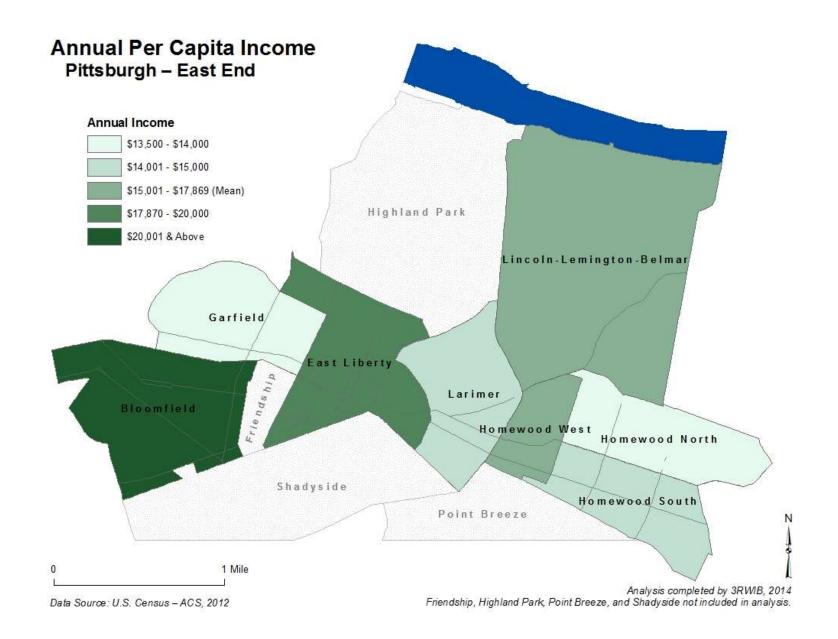
Source: U.S. Census Bureau, American Community Survey 2008-2012 5-Year Estimates.



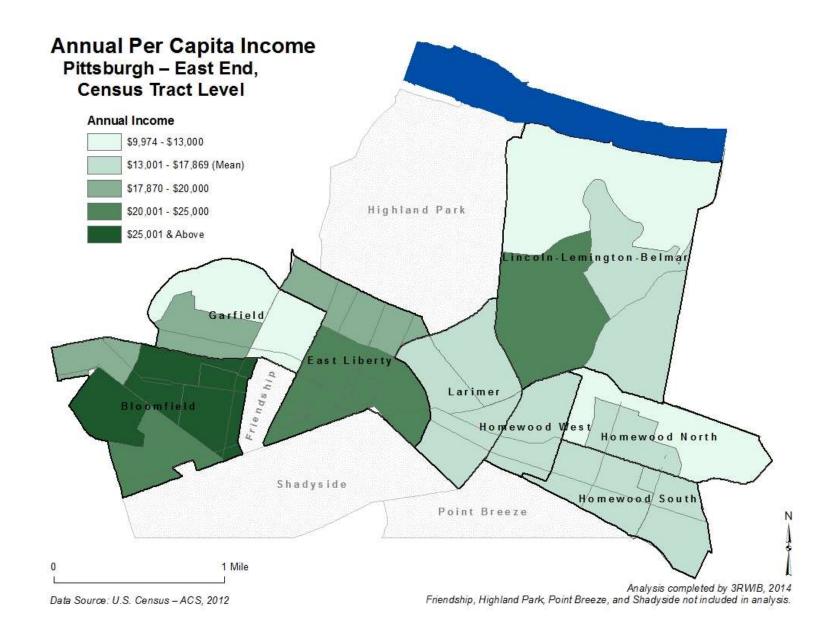


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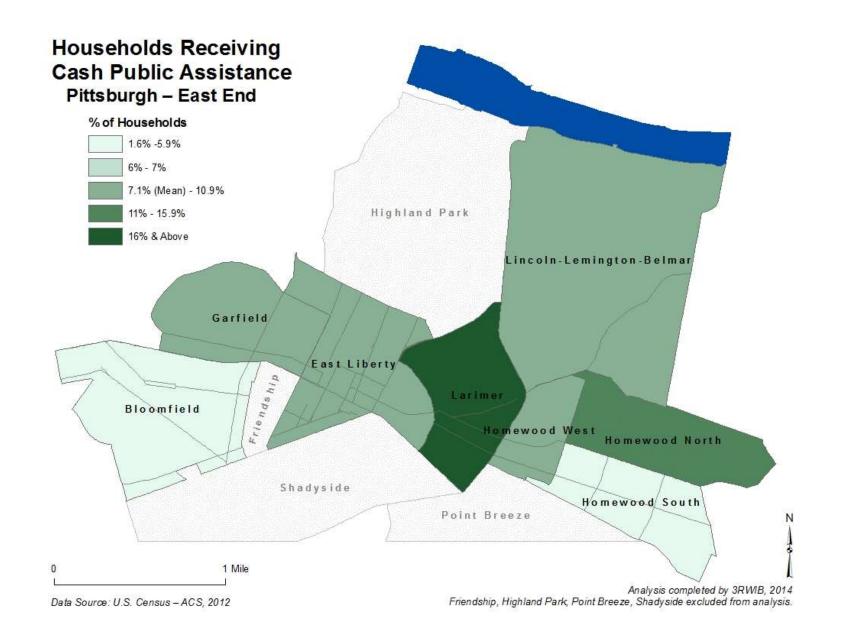




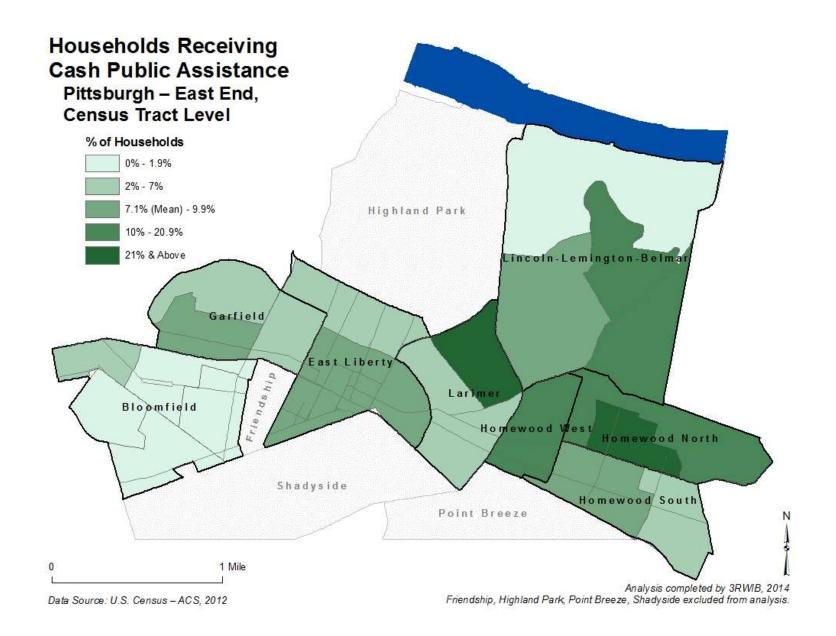
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Income												
Neishbarbaad	Der Cer	ite luceuse	Madian Ua		Cash Public Assistance							
Neighborhood	Per Cap	Per Capita Income Median Household Income -		Number of Households	%							
Bloomfield	\$	25,773.00	\$	36,222.00	77	1.6%						
Lincoln-Lemington-Belmar	\$	16,270.33	\$	32,075.33	180	9.7%						
East Liberty	\$	19,971.00	\$	26,721.50	218	7.2%						
Larimer	\$	14,256.50	\$	22,400.00	131	19.2%						
Garfield	\$	13,544.67	\$	21,473.33	115	7.2%						
Homewood South	\$	14,086.00	\$	19,724.00	62	5.7%						
Homewood North	\$	13,614.00	\$	18,316.50	228	15.9%						
Homewood West	\$	15,205.00	\$	17,870.00	45	10.0%						
Average East End	\$	16,590.06	\$	24,350.33	1,056	7.1%						
Pittsburgh	\$	26,535.00	\$	38,029.00	6701	5.0%						
Allegheny County	\$	31,173.00	\$	50,664.00	17,882	3.4%						

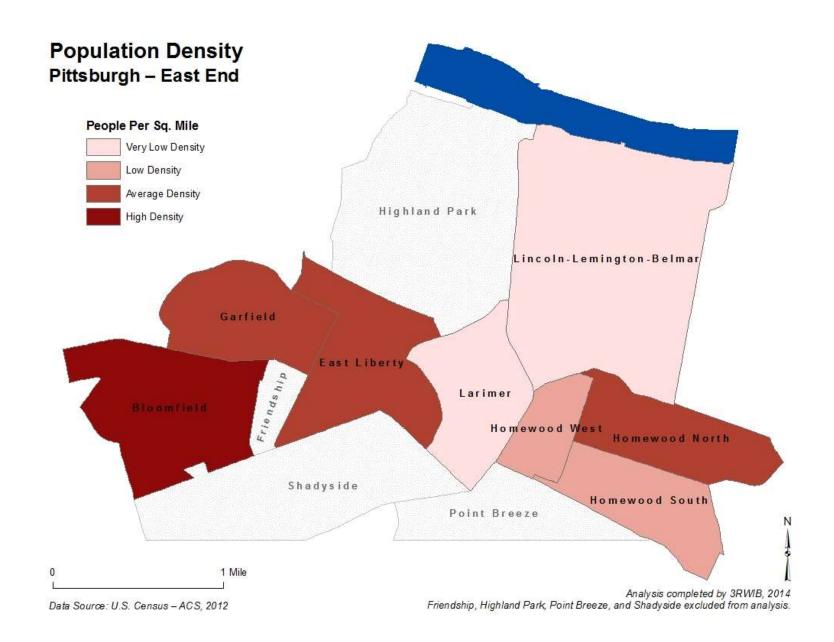


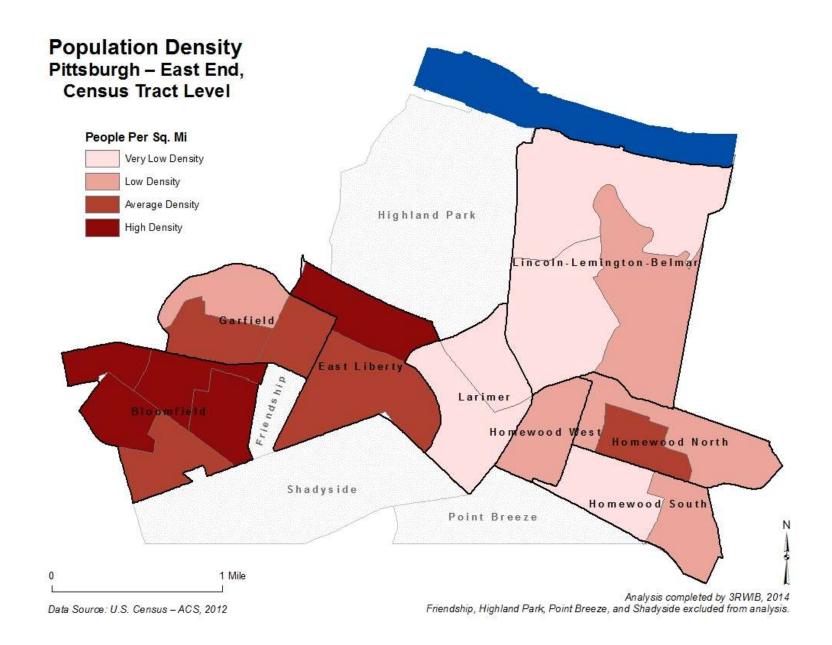
### Appendix F: Demographic Information

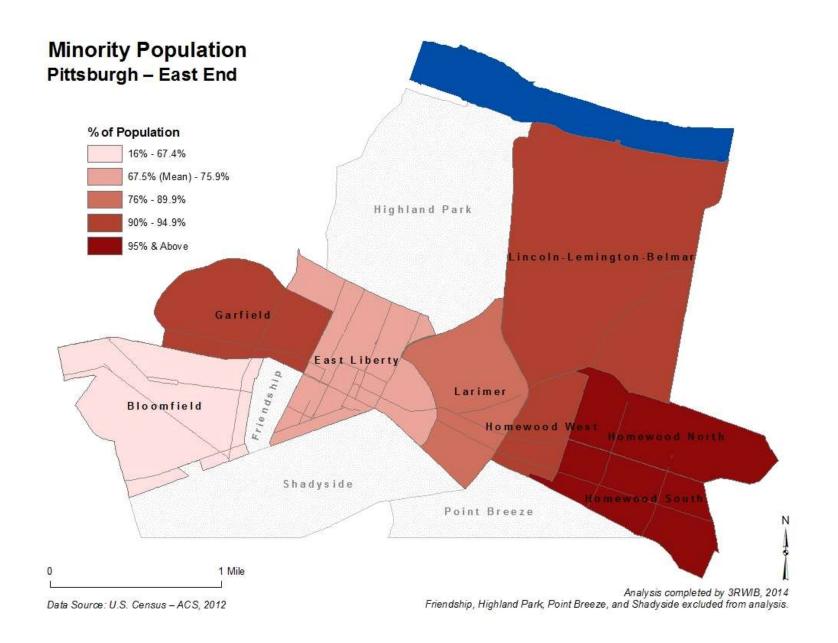
- Population Density (map)
- Population Density Census Tract Level (map)
- Minority Population (map)
- Minority Population Census Tract Level (map)
- Owner Occupied Households (map)
- Owner Occupied Households Census Tract Level (map)
- Children under 18 as percent of population (map)
- Children under 18 as percent of population Census Tract Level (map)
- Total Households, Owner Occupied and Renter Occupied Households, and Children Under 18 by neighborhood (table)
- Age and Race of East End Residents (tables)

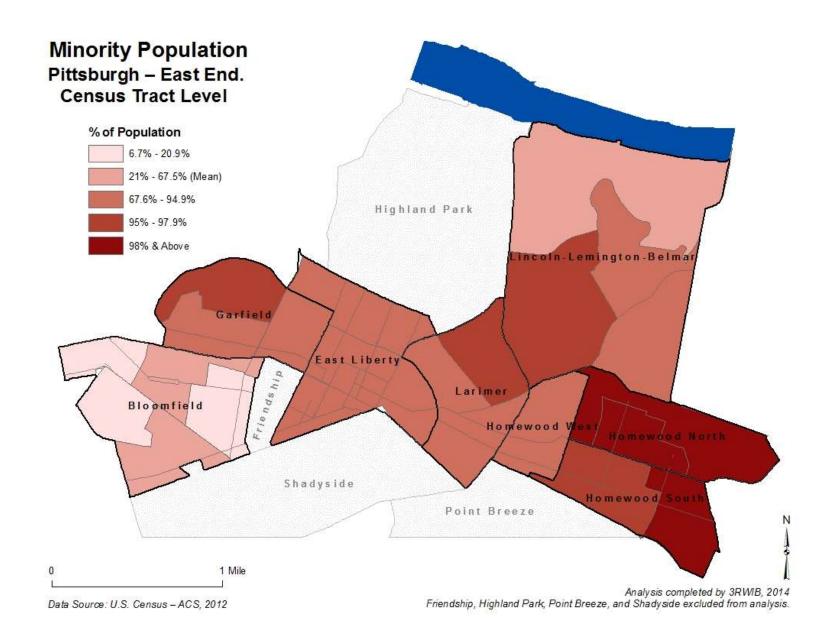
Source: U.S. Census Bureau, American Community Survey 2008-2012 5-Year Estimates.

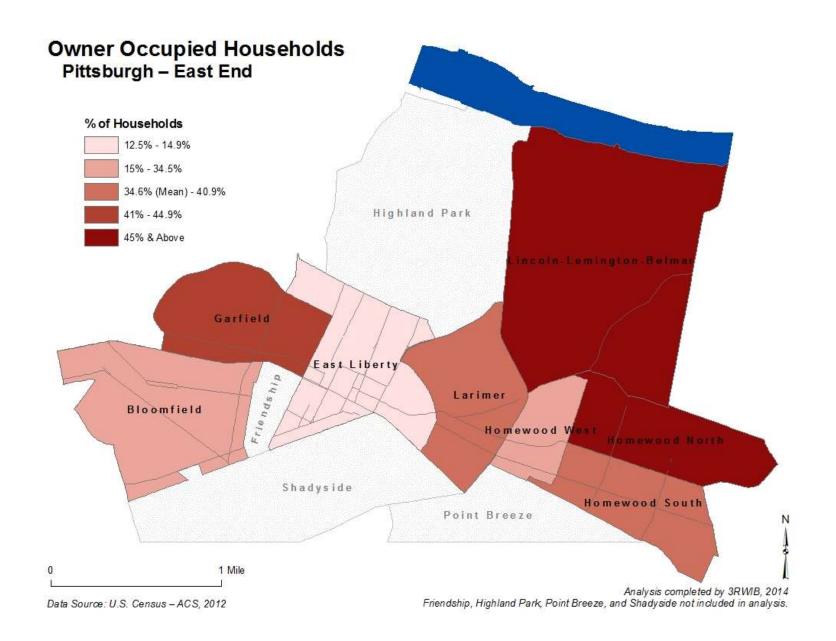


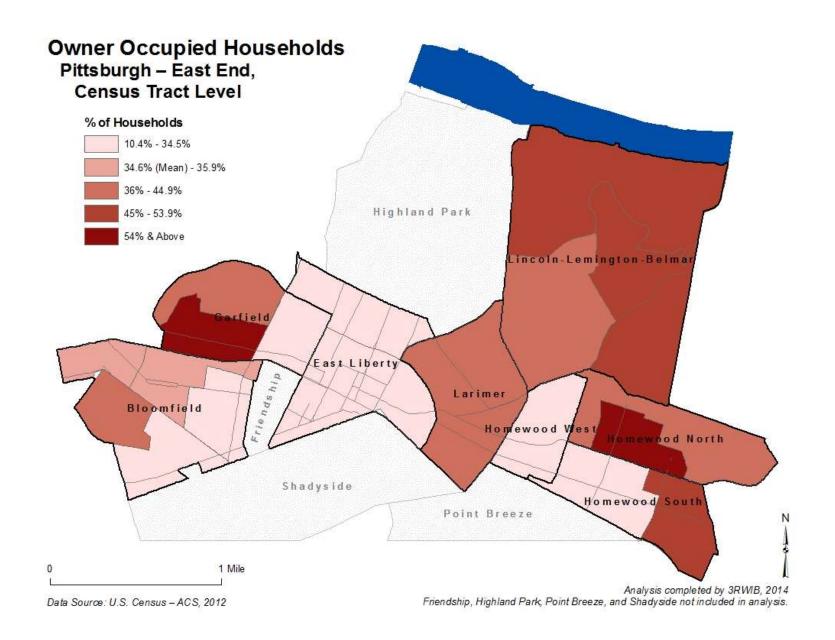


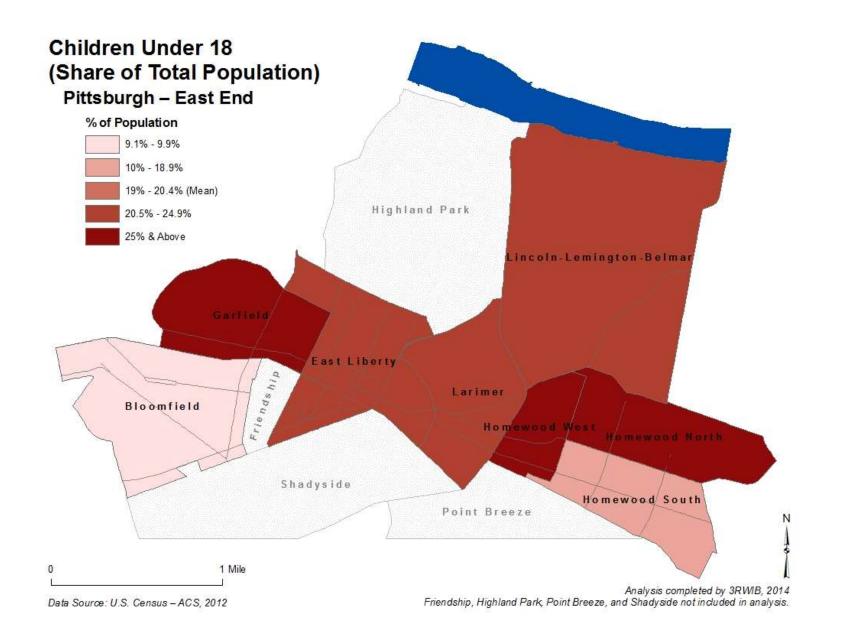




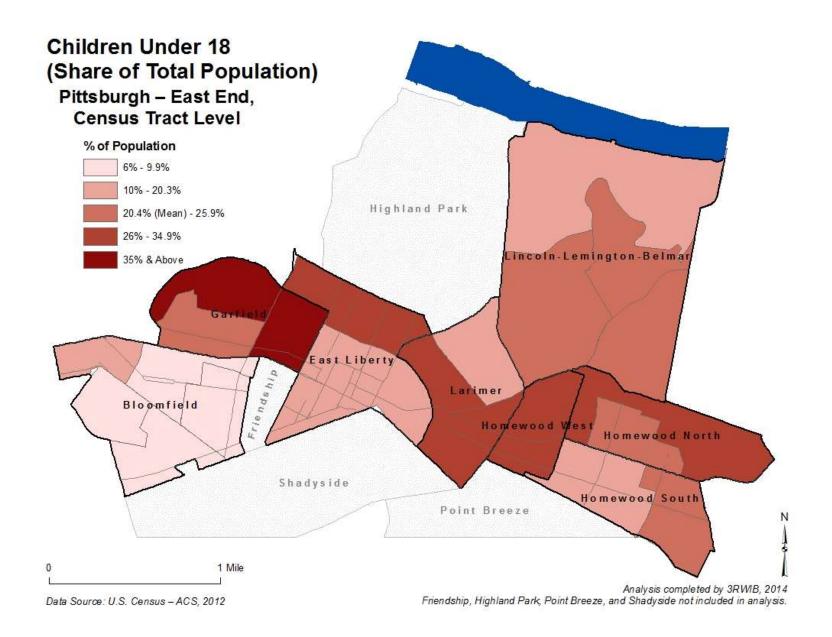














Housing										
Neighborhood	Total Households	Owner Occupied	Renter Occupied	Children Under Age 18						
9		•	•	Number	% of Population					
Bloomfield	4,762	1,612	3,150	822	9.1%					
East Liberty	3,044	380	2,664	1,358	22.3%					
Garfield	1,607	683	924	1,354	33.9%					
Homewood North	1,433	734	699	814	26.5%					
Homewood South	1,094	434	660	393	18.6%					
Homewood West	448	155	293	264	26.9%					
Larimer	682	275	407	399	24.3%					
Lincoln-Lemington-Belmar	1,857	896	961	1,071	21.7%					
Total East End	14,927	5,169	9,758	6,475	20.6%					
Pittsburgh	133,192	65,291	67,901	51,132	16.7%					
Allegheny County	524,392	344,826	179,566	241,407	19.7%					

Age of East End Residents											
Neighborhood	≤21	L	22-34		Age 35-54		Age 55+				
	Population	% of Total	Population	% of Total	Population	% of Total	Population	% of Total			
Bloomfield	1,459	16.2%	3,228	35.9%	1,962	21.8%	2,354	26.1%			
East Liberty	1,475	24.2%	1,381	22.7%	1,551	25.5%	1,681	27.6%			
Garfield	1,442	36.1%	548	13.7%	1,055	26.4%	945	23.7%			
Homewood North	991	32.2%	338	11.0%	1,001	32.6%	743	24.2%			
Homewood South	538	25.5%	247	11.7%	499	23.6%	828	39.2%			
Homewood West	312	31.8%	118	12.0%	213	21.7%	337	34.4%			
Larimer	466	28.4%	227	13.8%	397	24.2%	552	33.6%			
Lincoln-Lemington-Belmar	1,550	31.4%	527	10.7%	1,279	25.9%	1,573	31.9%			
Total East End	8,233	29.7%	6,614	20.8%	7,957	26.3%	9,013	28.3%			
Pittsburgh	76,492	25.0%	82,340	26.9%	69,957	22.8%	77,641	25.3%			
Allegheny County	294,883	24.1%	228,875	18.7%	332,044	27.1%	368,970	30.1%			

65 East End Workforce Supply-Demand Analysis, completed by 3 Rivers Workforce Investment Board, July 2014

Race of East End Residents									
Neighborhood	Total Population	Non-Minority	Minority						
Bloomfield	9,058	7,612	1,446						
East Liberty	5,781	1,563	4,218						
Garfield	3,966	335	3,631						
Homewood North	3,308	44	3,264						
Homewood South	2,313	44	2,269						
Homewood West	916	88	828						
Larimer	1,747	215	1,532						
Lincoln-Lemington-Belmar	5,085	546	4,539						
Total	32,174	10,447	21,727						
Pittsburgh	306,430	202,671	103,759						
Allegheny County	1,224,772	988,821	225,951						



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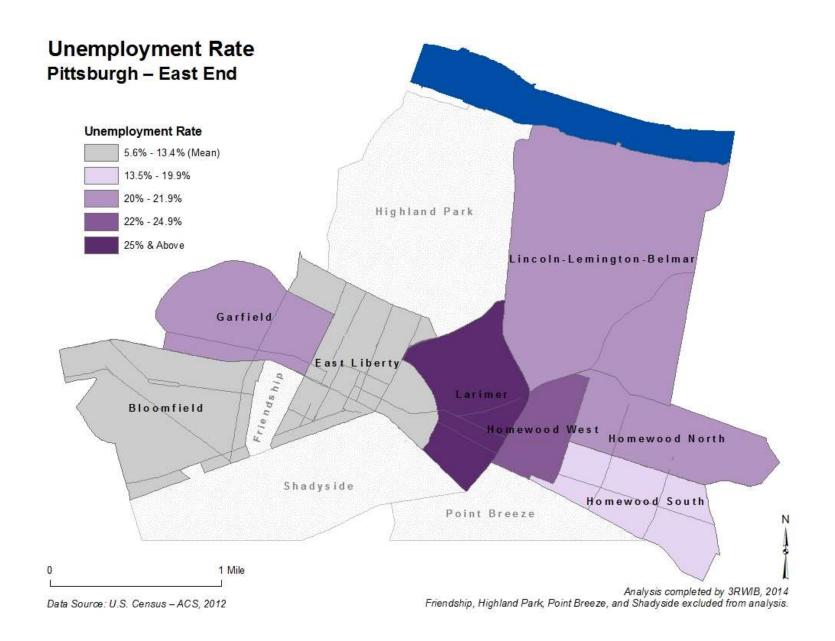


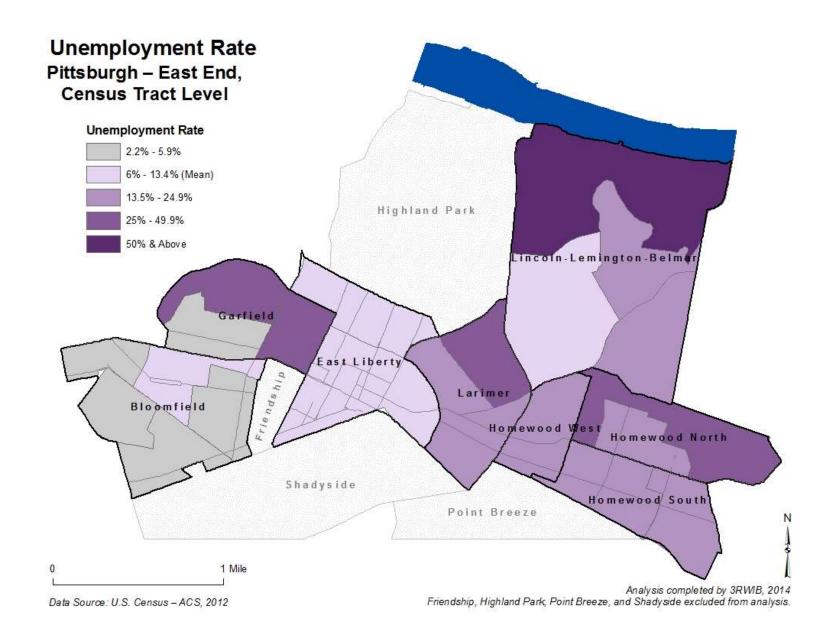
## Appendix G: Employment

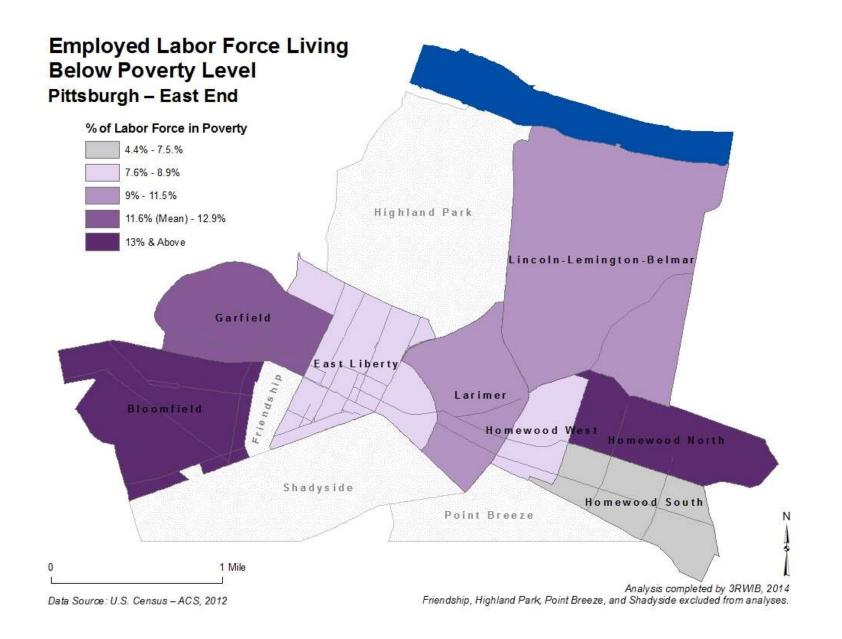
- Unemployment Rate (map)
- Unemployment Rate Census Tract Level (map)
- Employed Labor Force Living Below Poverty Line (map)
- Employed Labor Force Living Below Poverty Line Census Tract Level (map)
- Employed Individuals Working Part Time (map)
- Employed Individuals Working Part Time Census Tract Level (map)
- Individuals who Commute More Than 30 Minutes to Work (map)
- Individuals who Commute More Than 30 Minutes to Work Census Tract Level (map)
- Labor Force Participation (Map)
- Labor Force Participation Census Tract Level (map)
- Labor Force Participation, Unemployment Rate, Part Time and Full Time Employment, and 30 Minute Commute Time by Neighborhood (table)

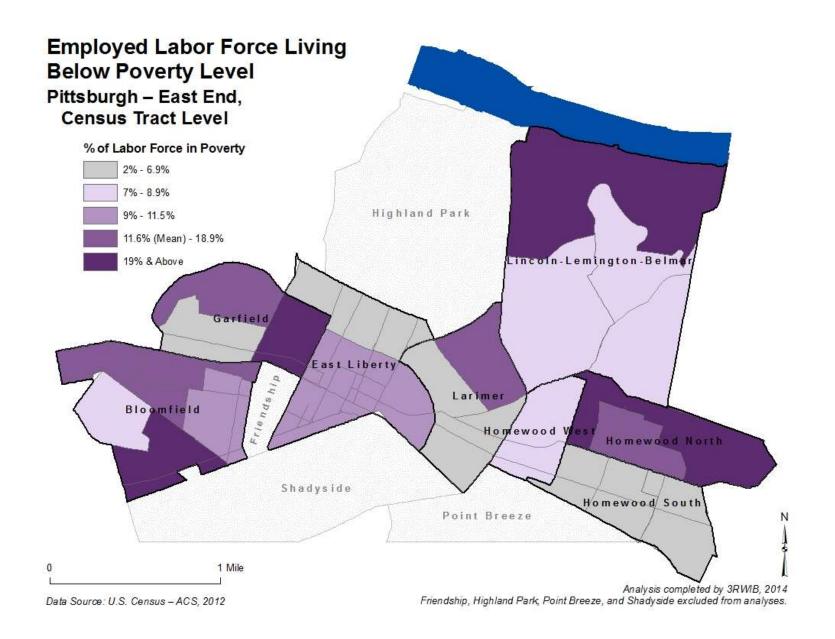
Source: U.S. Census Bureau, American Community Survey 2008-2012 5-Year Estimates.



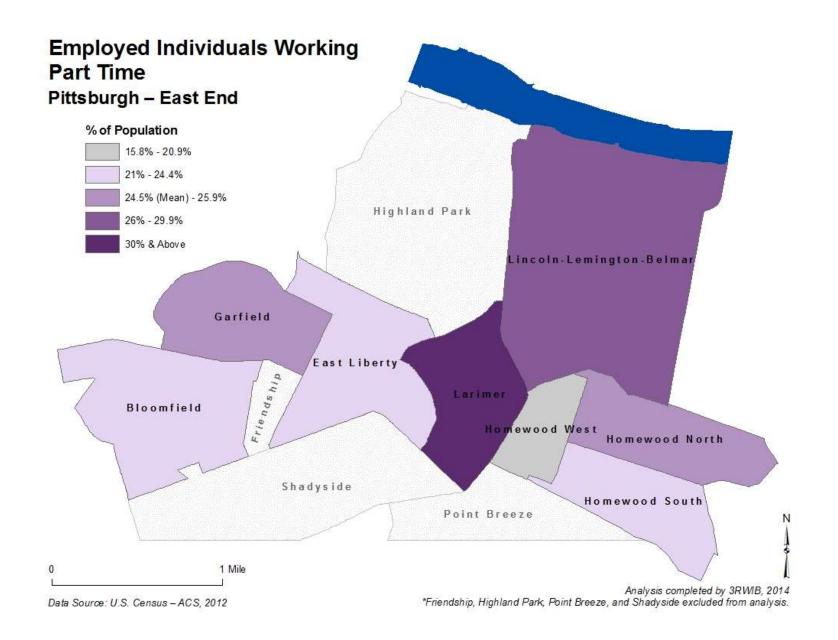


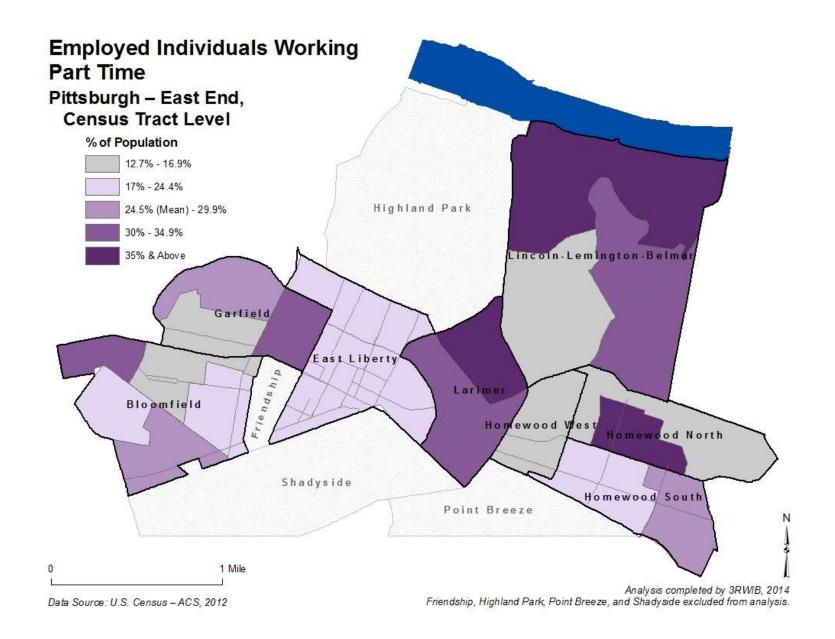


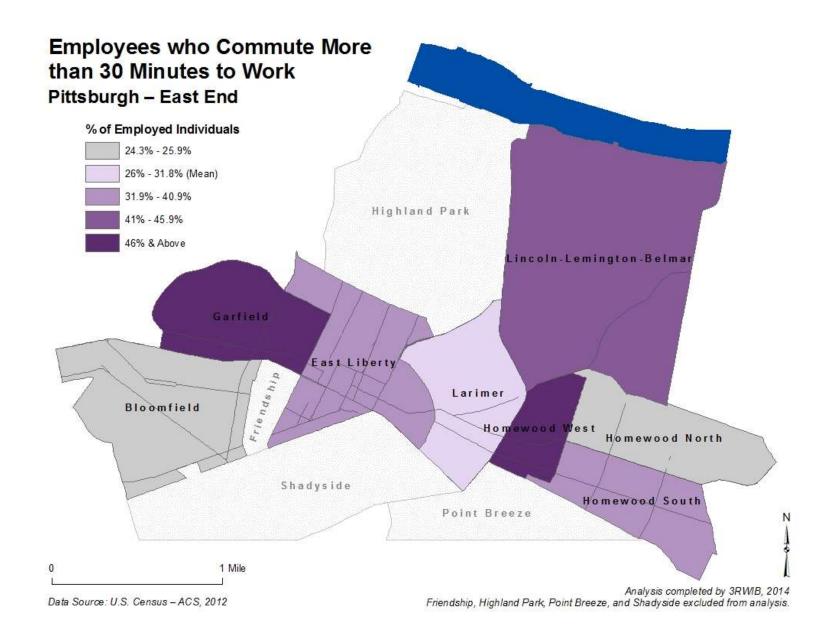


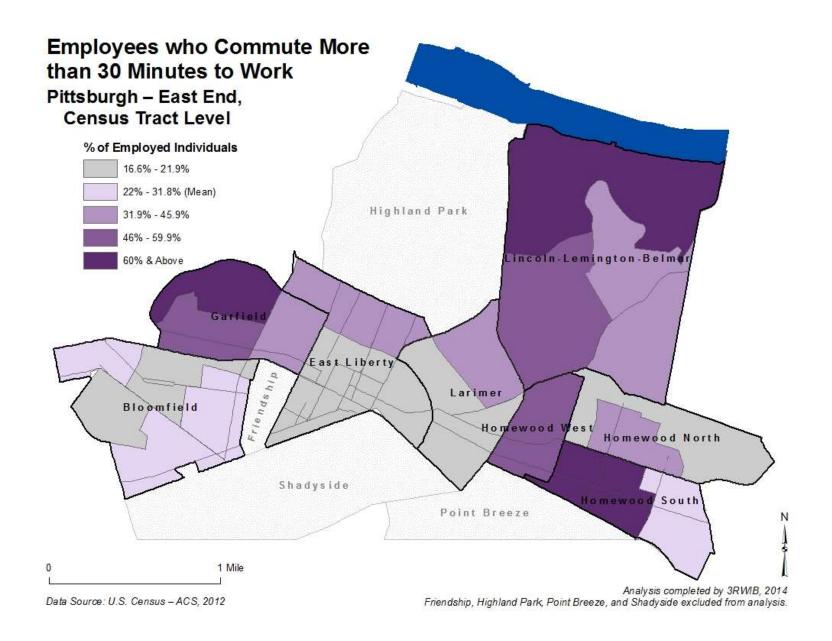


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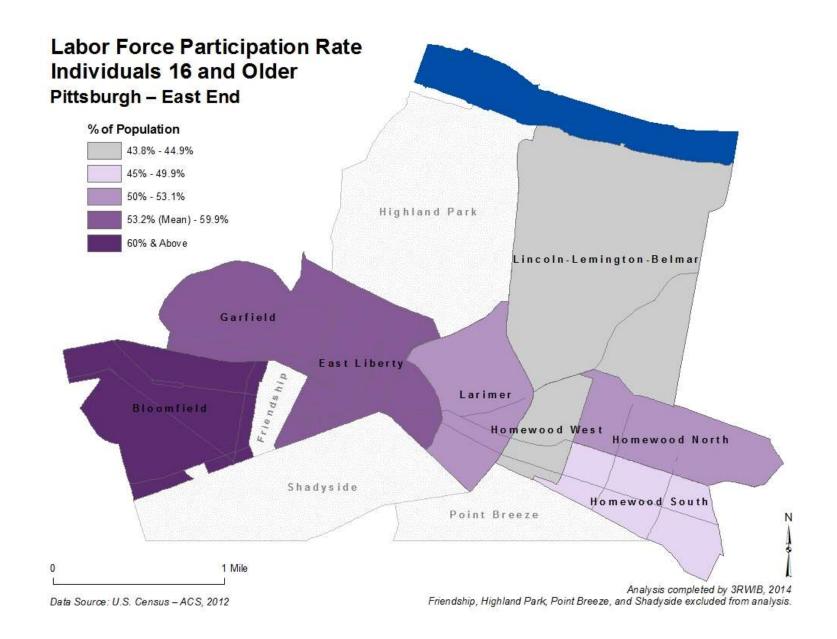




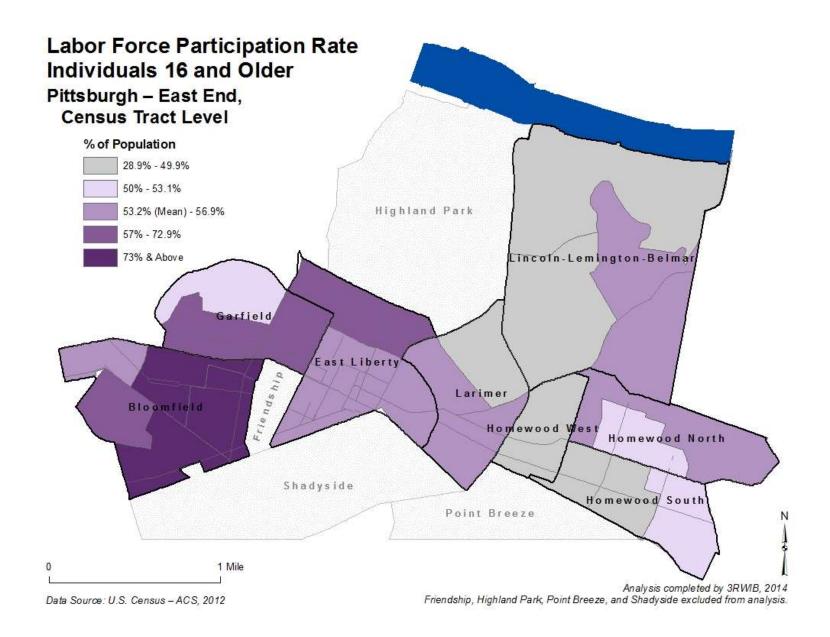








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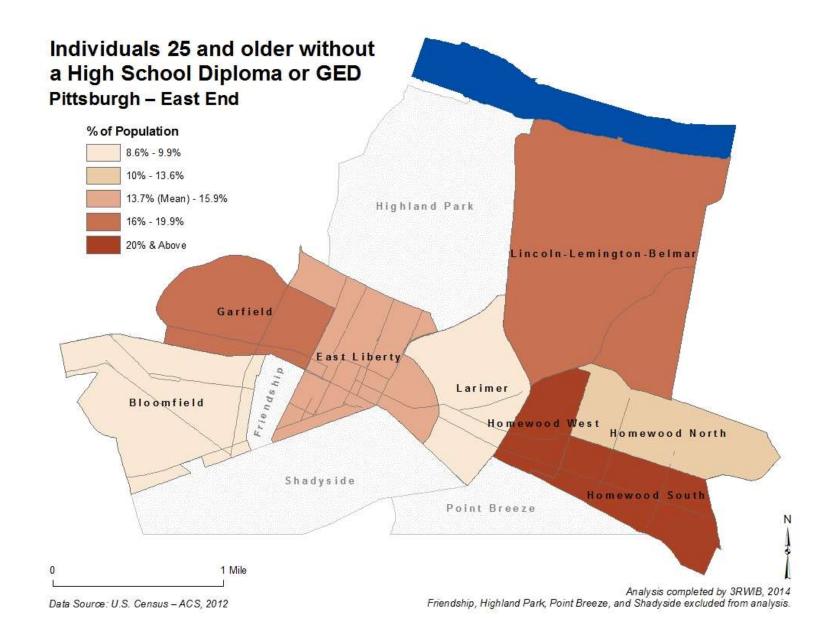
Employment											
Neighborhood	Labor Force Participation	Labor Force Participation Rate	Employed Labor Force Below the Poverty Line		Unemployment Rate	Employed Individuals Working Full Time		Employed Individuals Working Part Time		30+ Minute Commute	
		nate	Individuals	%		Individuals	%	Individuals	%	Individuals	%
Bloomfield	5,600	69.5%	769	13.7%	5.6%	6,308	76.6%	1,922	23.3%	1,276	15.5%
East Liberty	2,651	59.3%	215	8.1%	11.3%	3,527	77.3%	1,037	22.7%	765	16.8%
Garfield	1,574	55.8%	203	12.9%	20.4%	2,175	74.4%	748	25.6%	586	20.0%
Homewood North	1,177	52.9%	221	18.8%	20.2%	1,722	74.8%	579	25.2%	224	9.7%
Homewood South	790	47.5%	35	4.4%	19.0%	1,388	75.6%	448	24.38%	249	13.6%
Homewood West	304	44.5%	23	7.6%	24.1%	675	84.2%	127	15.8%	121	15.1%
Larimer	685	52.4%	63	9.2%	25.6%	823	66.8%	408	33.2%	165	13.4%
Lincoln- Lemington- Belmar	1,910	43.8%	172	9.0%	20.8%	2,660	72.6%	1,004	27.4%	640	17.5%
Total East End	14,691	53.19%	1,701	11.6%	13.4%	19,277	75.5%	6,273	24.5%	4,026	15.8%
Pittsburgh	161,194	61.6%	15,233	9.8%	9.3%	119,531	71.2%	48,423	28.8%		
Allegheny County	648,758	64.0%	33,722	5.3%	7.5%	487,462	75.9%	154,403	24.1%		

## Appendix H: Education

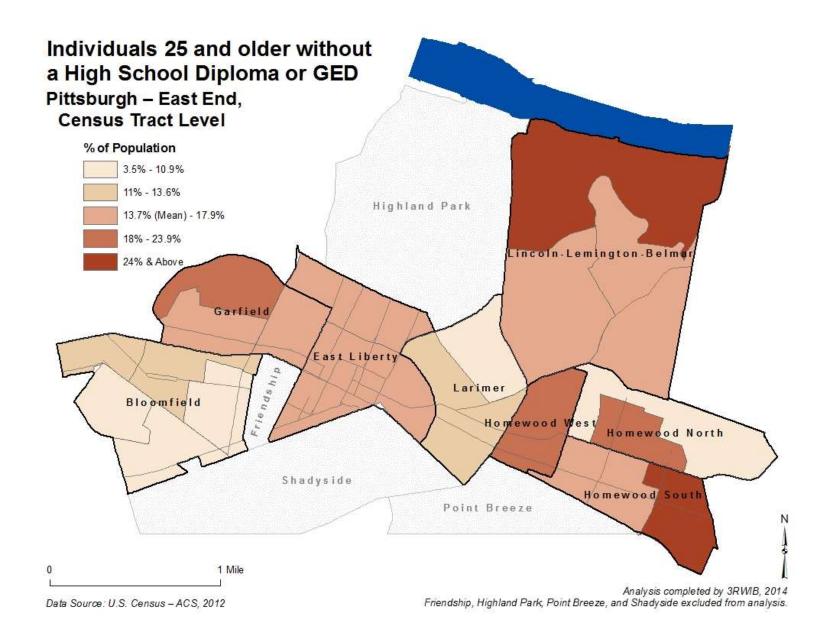
- Individuals 25+ with no High School Diploma (map)
- Individuals 25+ with no High School Diploma Census Tract Level (map)
- Individuals 25+ with a High School Diploma or GED
- Individuals 25+ with a High School Diploma or GED Census Tract Level (map)
- Individuals 25+ with Some College Education (map)
- Individuals 25+ with Some College Education Census Tract Level (map)
- Individuals 25+ with an Associate's Degree (map)
- Individuals 25+ with an Associate's Degree Census Tract Level (map)
- Individuals 25+ with a Bachelor's Degree or Higher (map)
- Individuals 25+ with a Bachelor's Degree or Higher Census Tract Level (map)
- Individuals 25+ by neighborhood and educational attainment (table)

Source: U.S. Census Bureau, American Community Survey 2008-2012 5-Year Estimates.

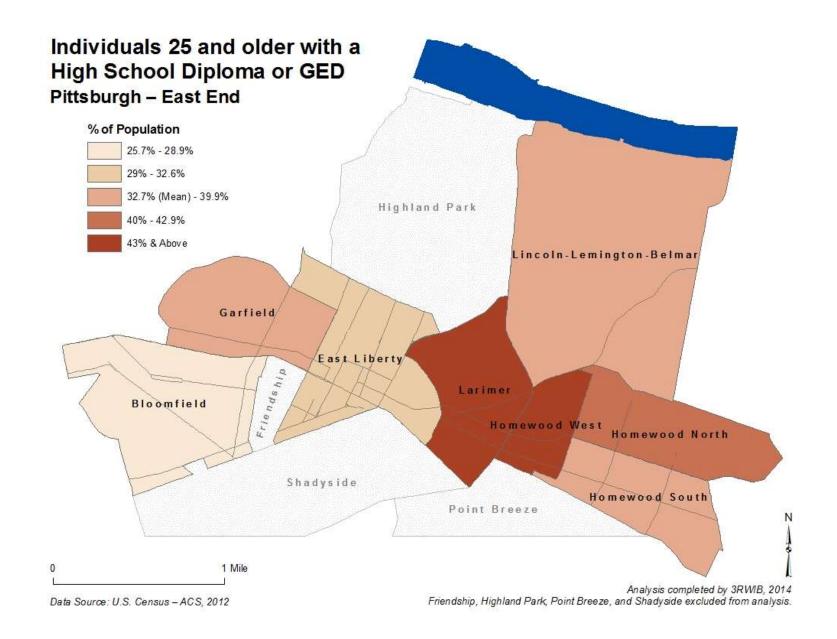


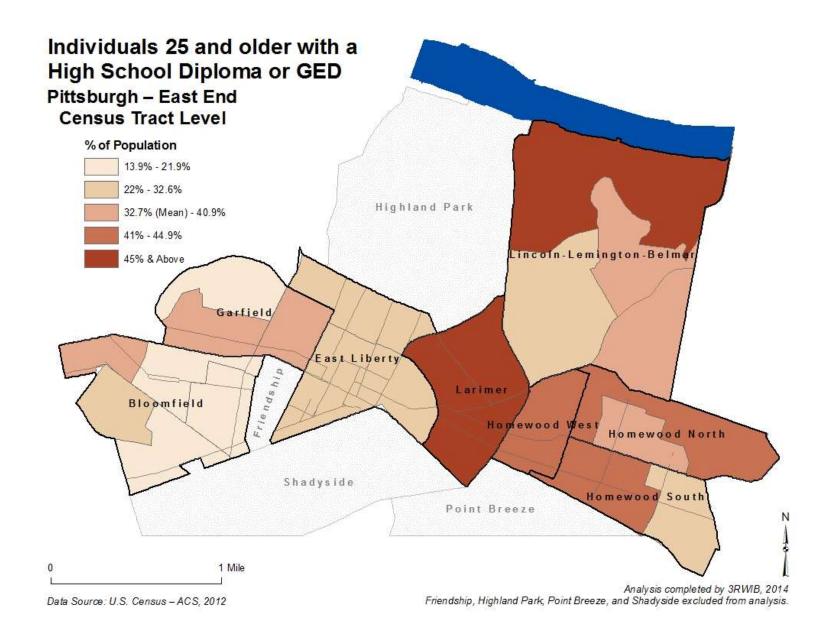




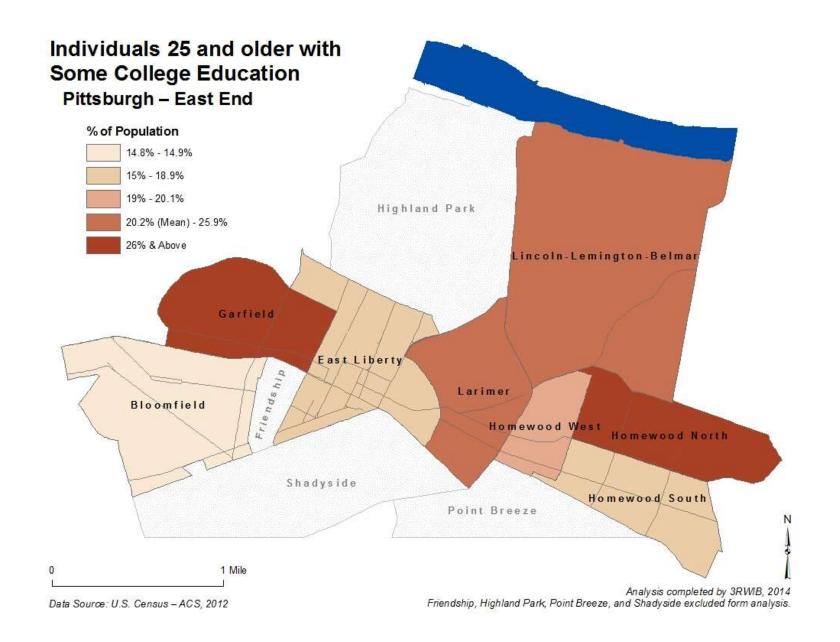


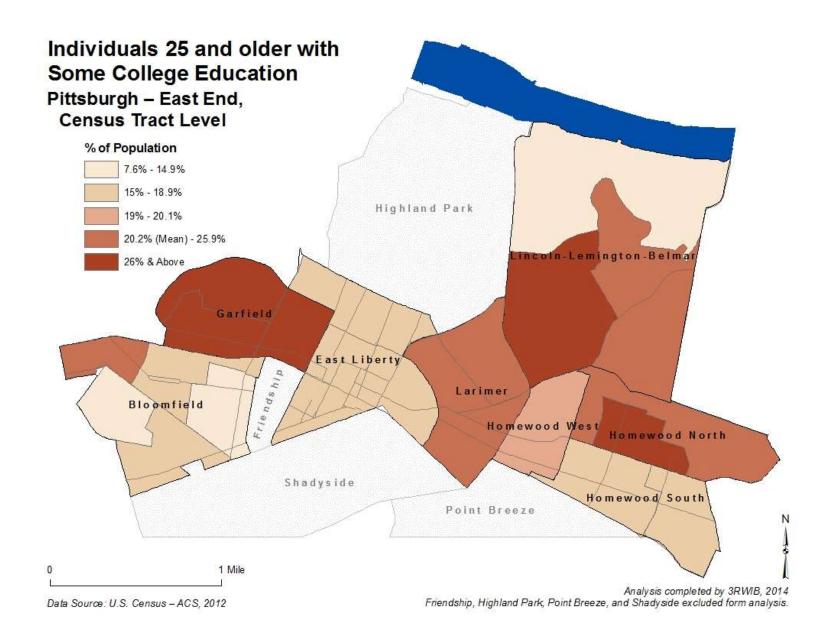
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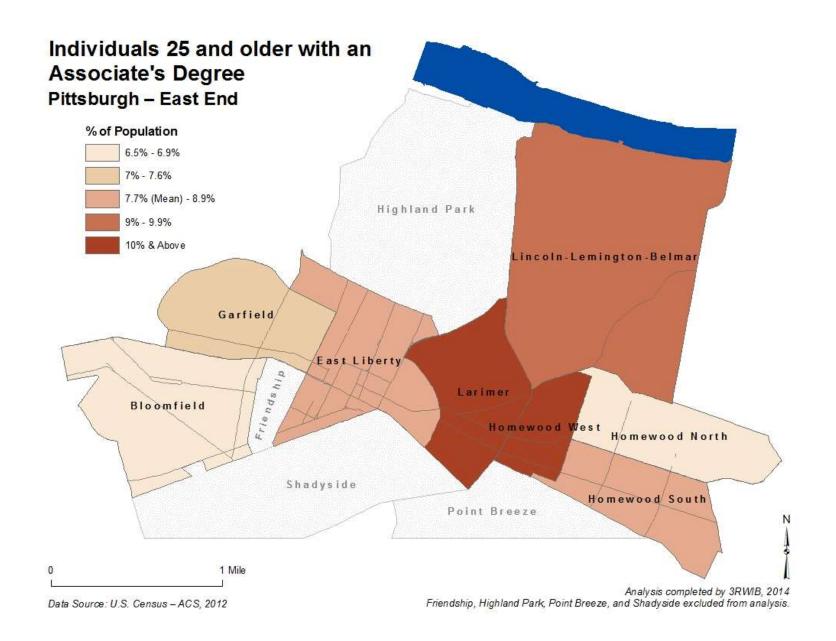




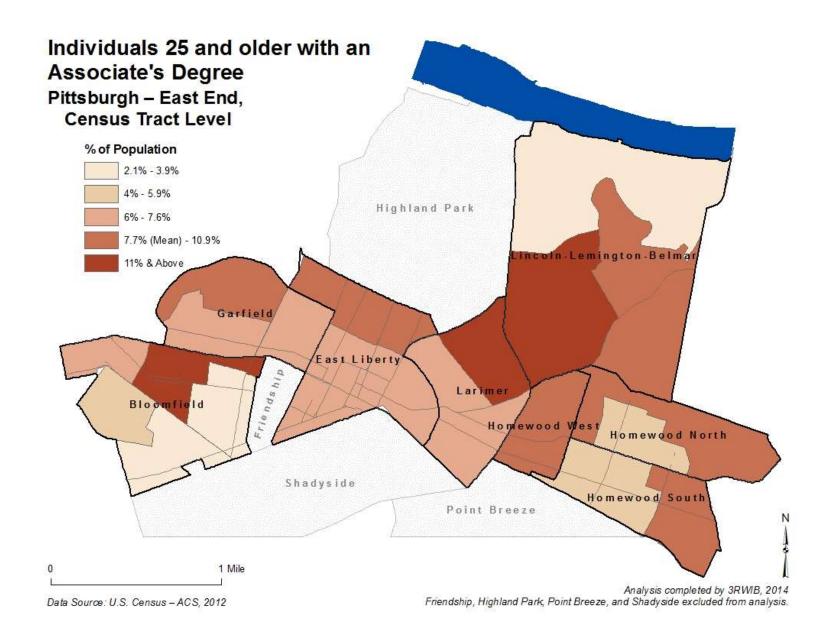




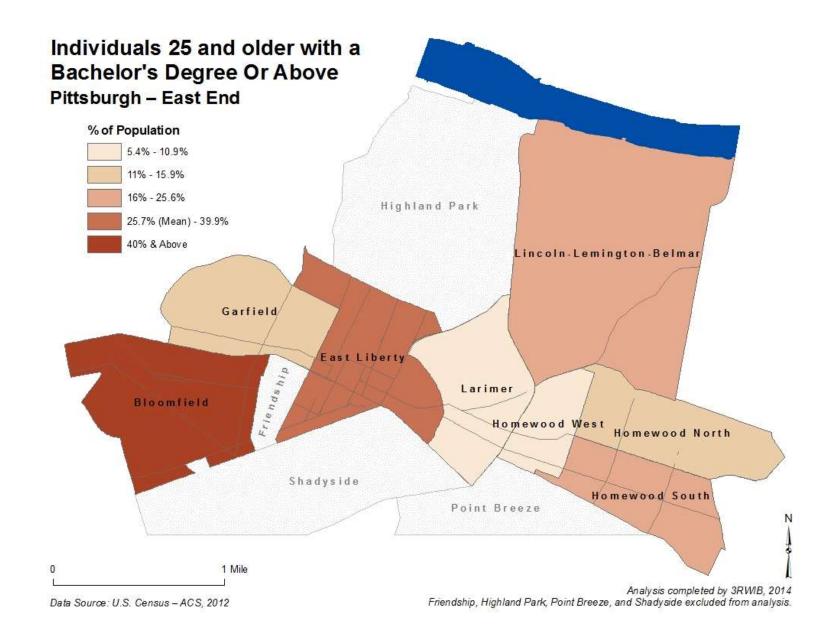
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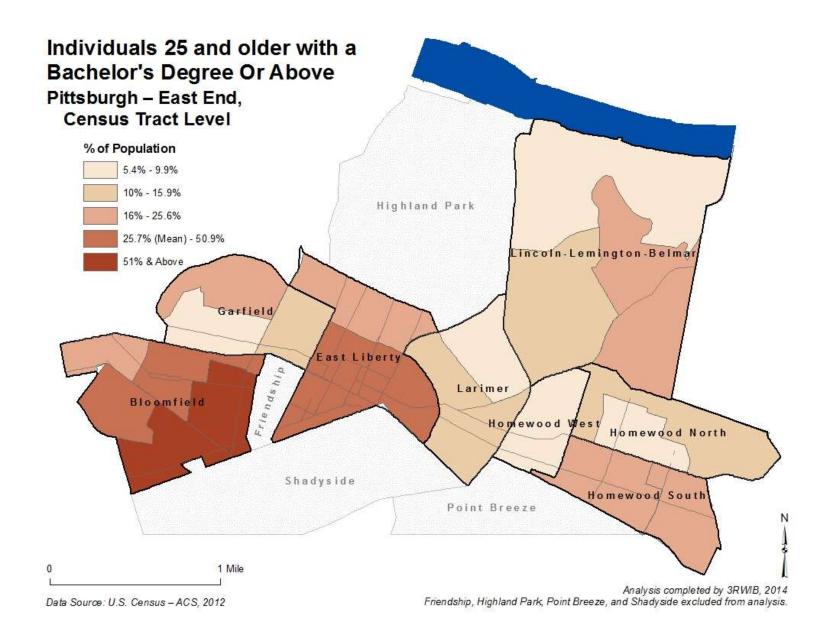












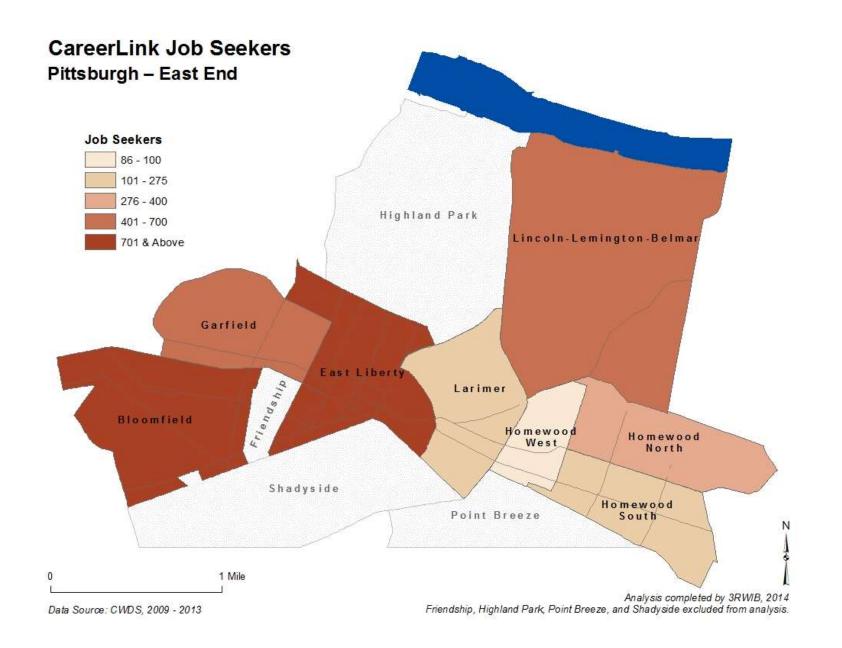


Educational Attainment												
Neighborhood	No High School Diploma		High School Diploma or GED		Some College		Associate's Degree		Bachelor's Degree or Higher			
	Population	% of Total	Population	% of Total	Population	% of Total	Population	% of Total	Population	% of Total		
Bloomfield	563	8.6%	1,687	25.7%	972	14.8%	426	6.5%	2,914	44.4%		
East Liberty	617	15.3%	1,175	29.2%	732	18.2%	323	8.0%	1,175	29.2%		
Garfield	389	16.4%	827	34.8%	704	29.6%	174	7.3%	281	11.8%		
Homewood North	255	13.2%	794	40.9%	512	26.4%	130	6.7%	248	12.8%		
Homewood South	315	21.0%	543	36.2%	254	16.9%	126	8.4%	264	17.6%		
Homewood West	150	21.7%	299	43.3%	135	19.5%	70	10.1%	37	5.4%		
Larimer	121	9.9%	609	49.6%	268	21.8%	124	10.1%	105	8.6%		
Lincoln-Lemington-Belmar	536	16.6%	1,108	34.3%	769	23.8%	294	9.1%	519	16.1%		
Total East End	2,946	13.7%	7,042	32.7%	4,346	20.2%	1,667	7.7%	5,543	25.7%		
Pittsburgh	20,469	10.2%	60,804	30.3%	34,115	17.0%	15,251	7.6%	70,236	35.0%		
Allegheny County	62,871	7.3%	271,292	31.5%	148,134	17.%	75,790	8.8%	302,297	35.1%		

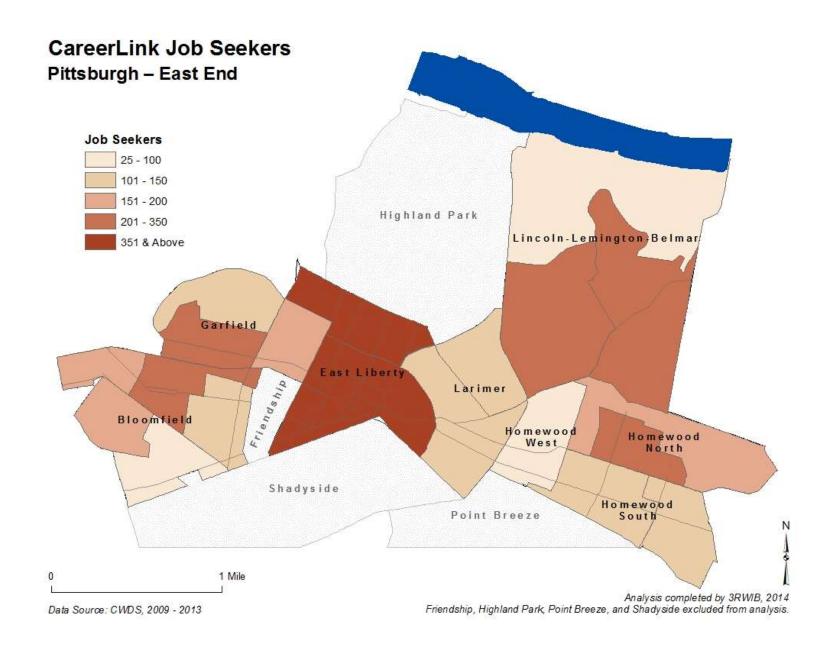
## Appendix I: Job Seekers

- PA CareerLink Job seeker population Census Tract Level (map)
- PA CareerLink Job seeker population (map)
- PA CareerLink Job seeker population by percentage (map)
- PA CareerLink Job seeker population by percentage Census Tract Level (map)
- PA CareerLink Job seekers without a High School Diploma (map)
- PA CareerLink Job seekers without a High School Diploma Census Tract Level (map)
- PA CareerLink Job seekers with a High School Diploma or GED (map)
- PA CareerLink Job seekers with a High School Diploma or GED Census Tract Level (map)
- PA CareerLink Job seekers with Some College Education (map)
- PA CareerLink Job seekers with Some College Education Census Tract Level (map)
- PA CareerLink Job seekers with an Associate's Degree (map)
- PA CareerLink Job seekers with an Associate's Degree Census Tract Level (map)
- PA CareerLink Job seekers with a Bachelor's Degree or Higher (map)
- PA CareerLink Job seekers with a Bachelor's Degree or Higher Census Tract Level (map)
- PA CareerLink Job Seekers under the age of 25 (map)
- PA CareerLink Job Seekers under the age of 25 Census Tract Level (map)
- PA CareerLink Job Seekers 25-34 (map)
- PA CareerLink Job Seekers 25-34 Census Tract Level (map)
- PA CareerLink Job Seekers 35-54 (map)
- PA CareerLink Job Seekers 35-54 Census Tract Level (map)
- PA CareerLink Job Seekers 55+ (map)
- PA CareerLink Job Seekers 55+ Census Tract Level (map)
- PA CareerLink Job Seekers who identify as a minority (map)
- PA CareerLink Job Seekers who identify as a minority Census Tract Level (map)
- PA CareerLink Job Seeker Demographics (table)

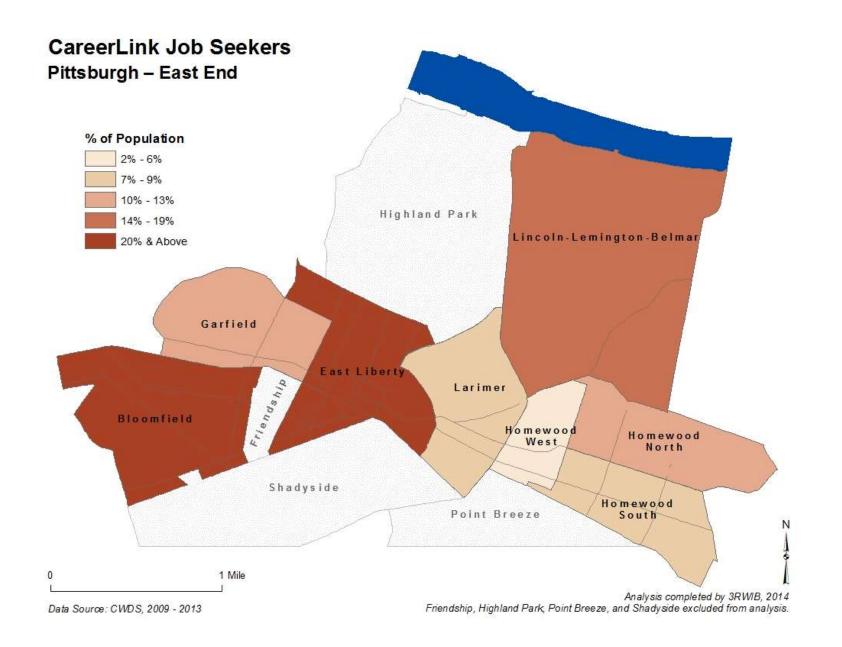
Source: Commonwealth Workforce Development System; 2009-2013.



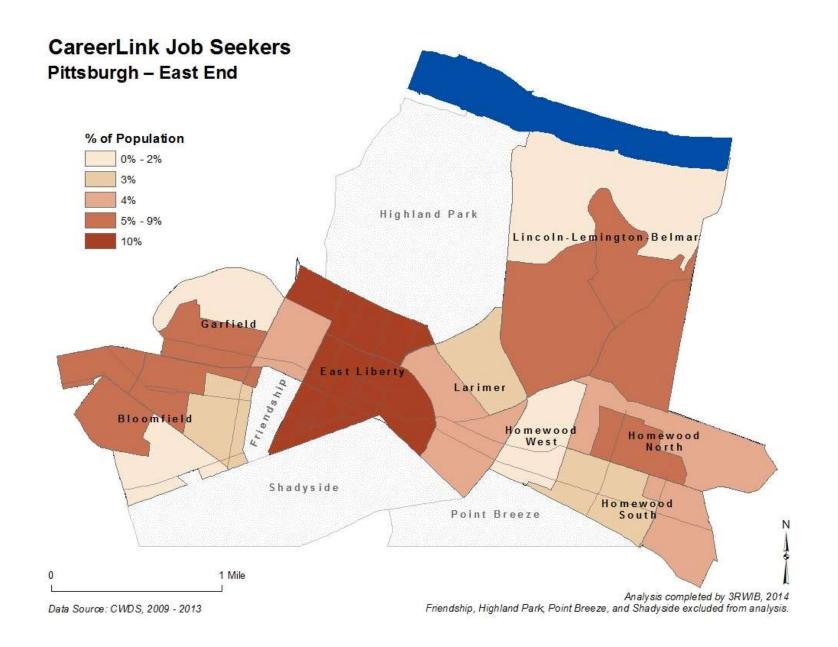
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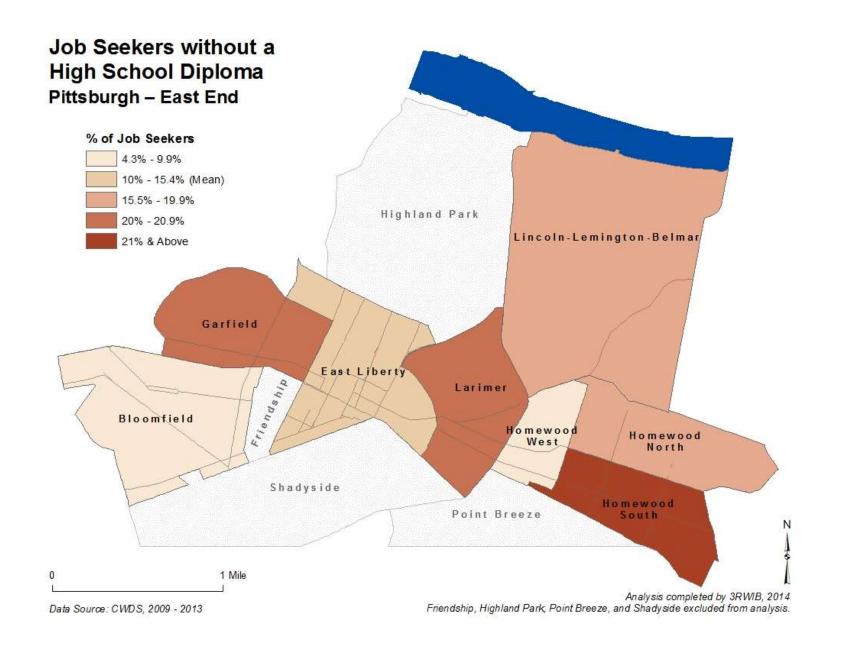




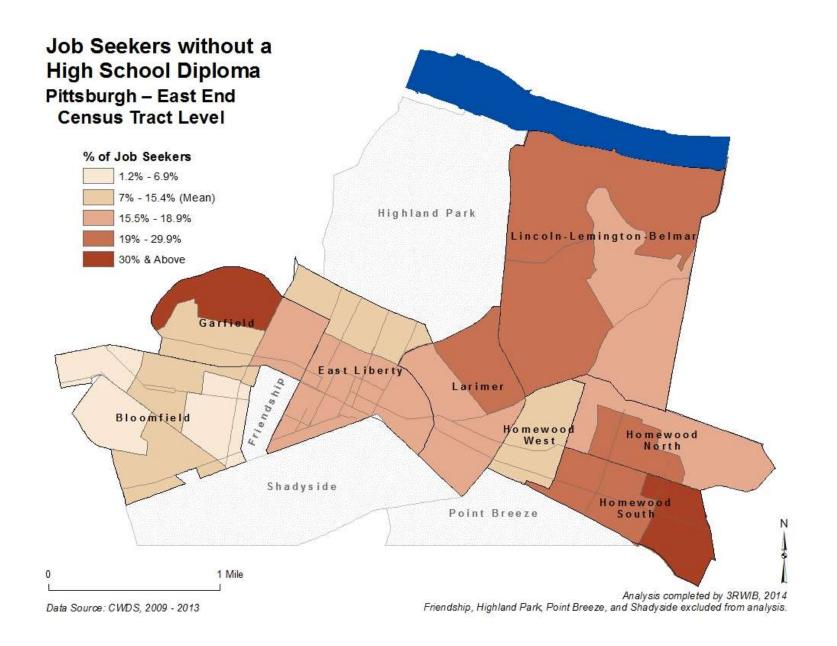




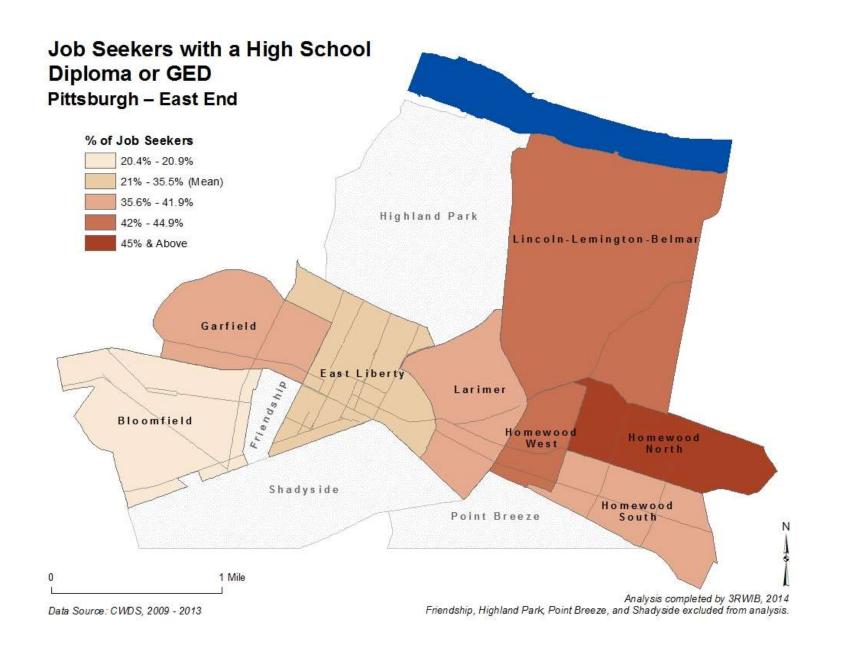


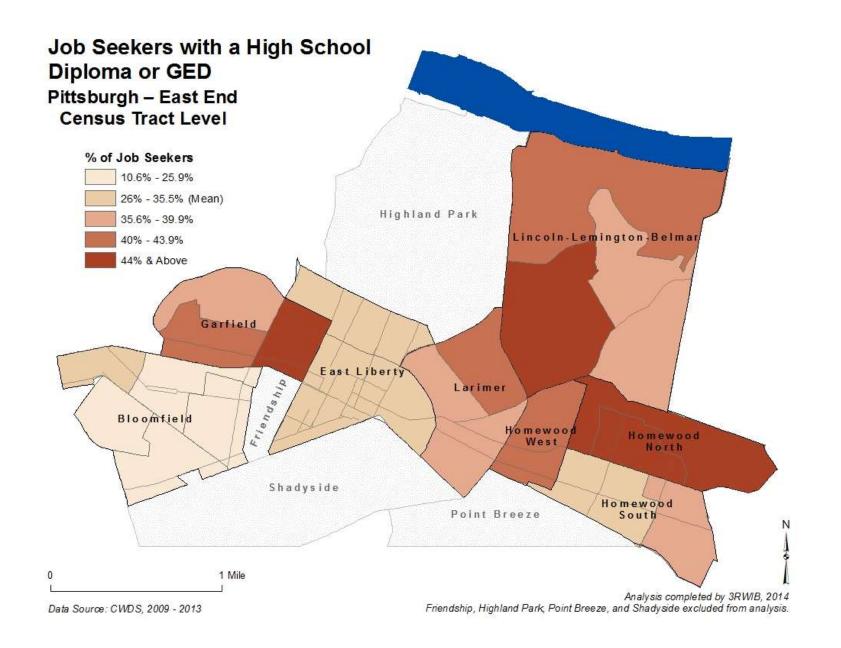


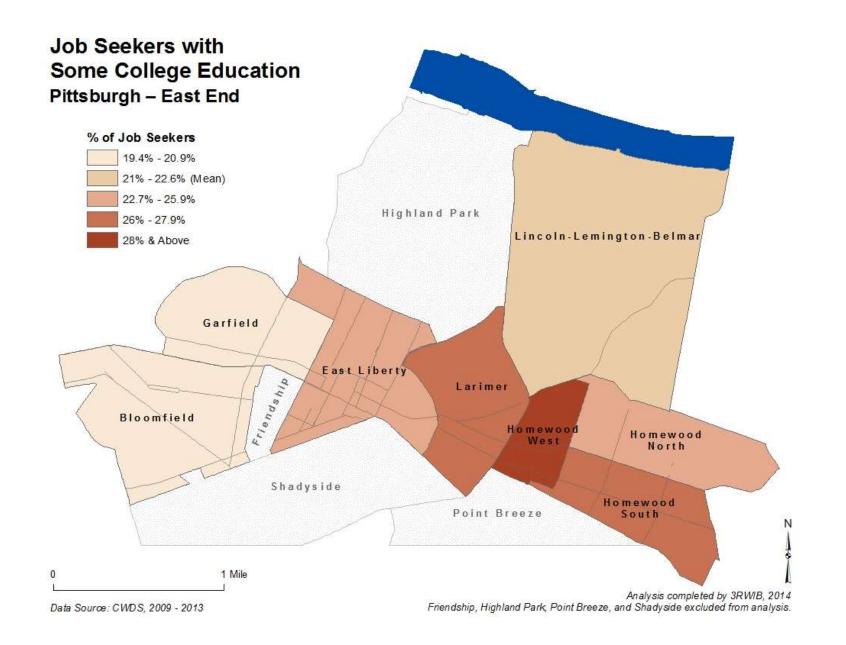


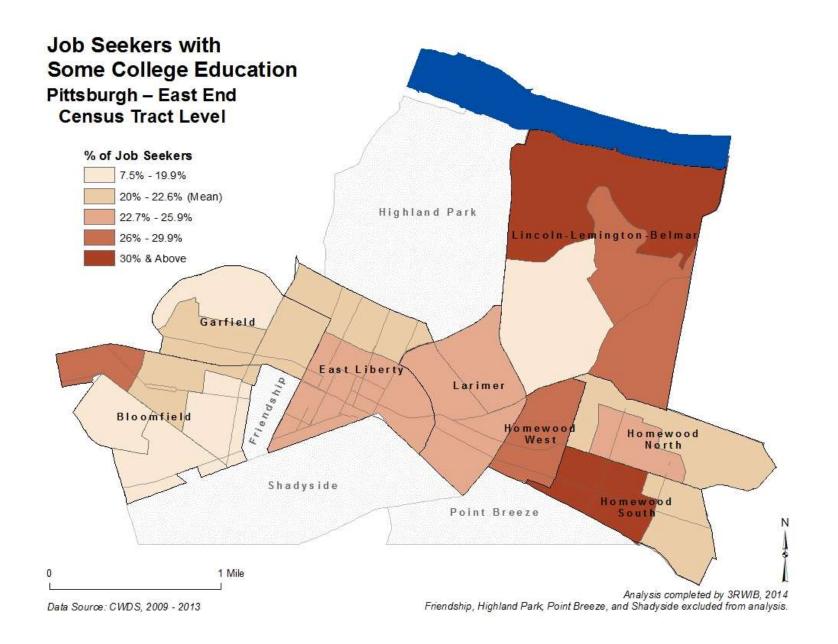




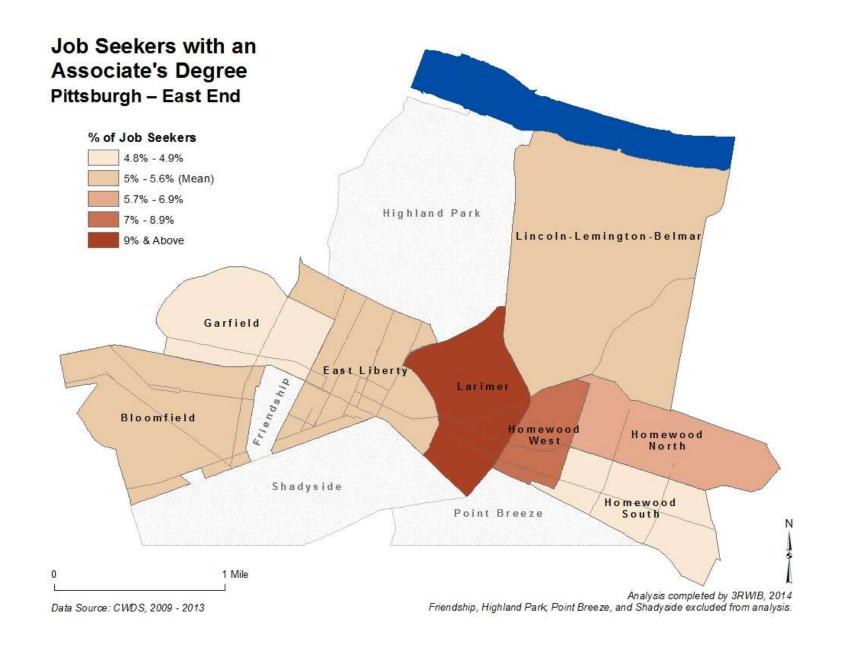




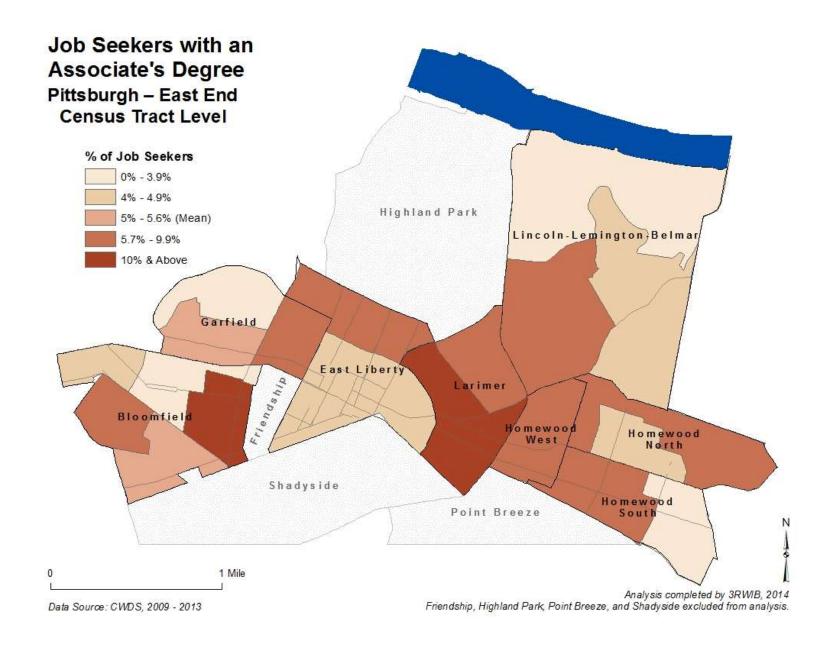


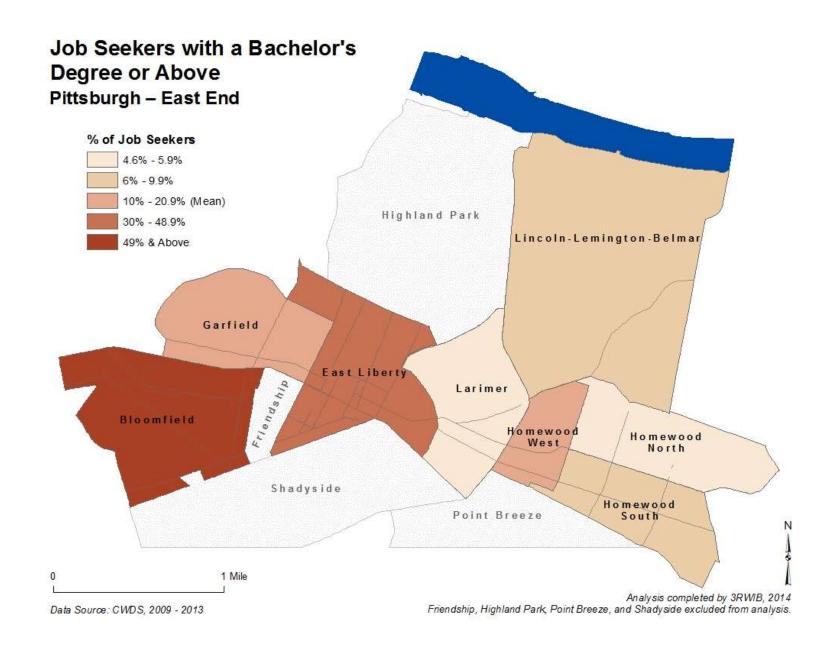


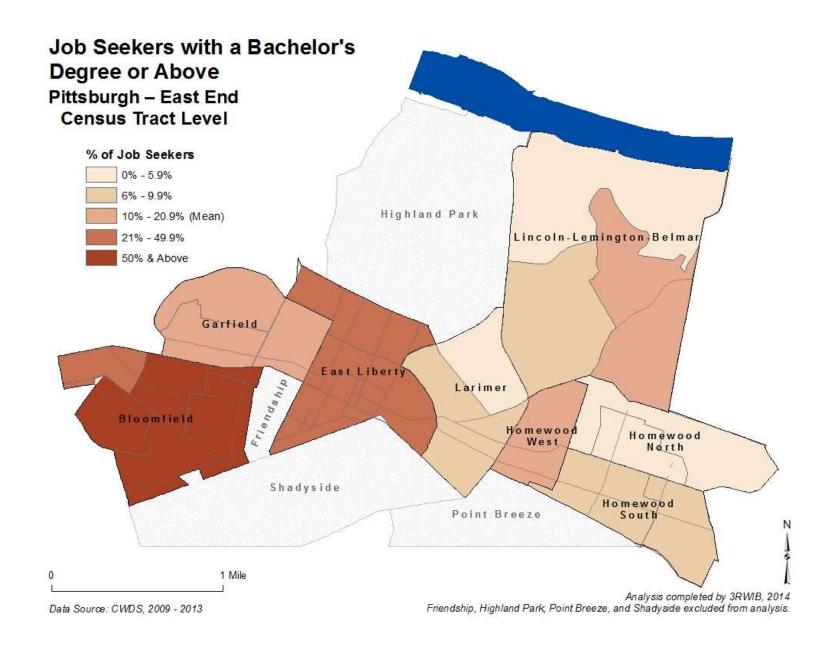
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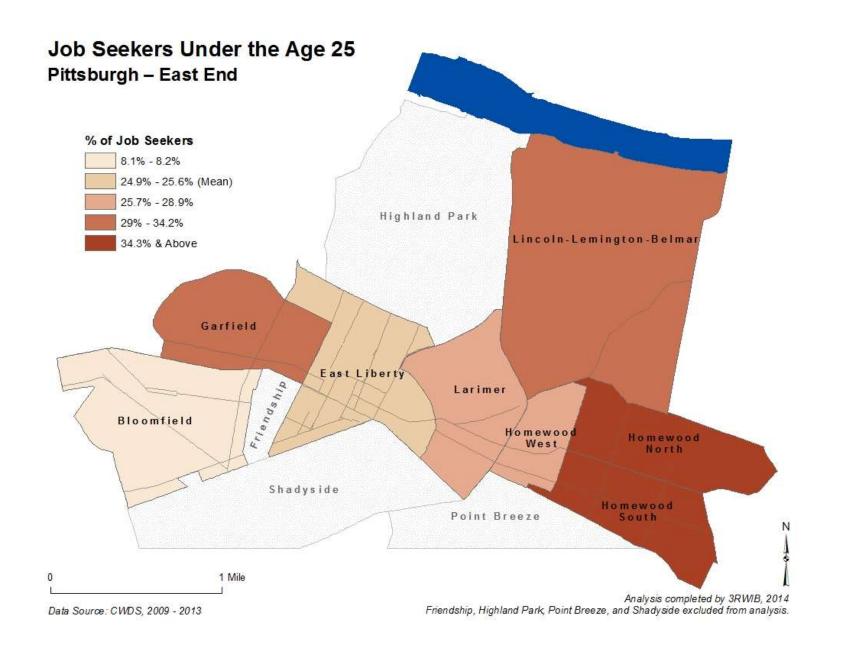
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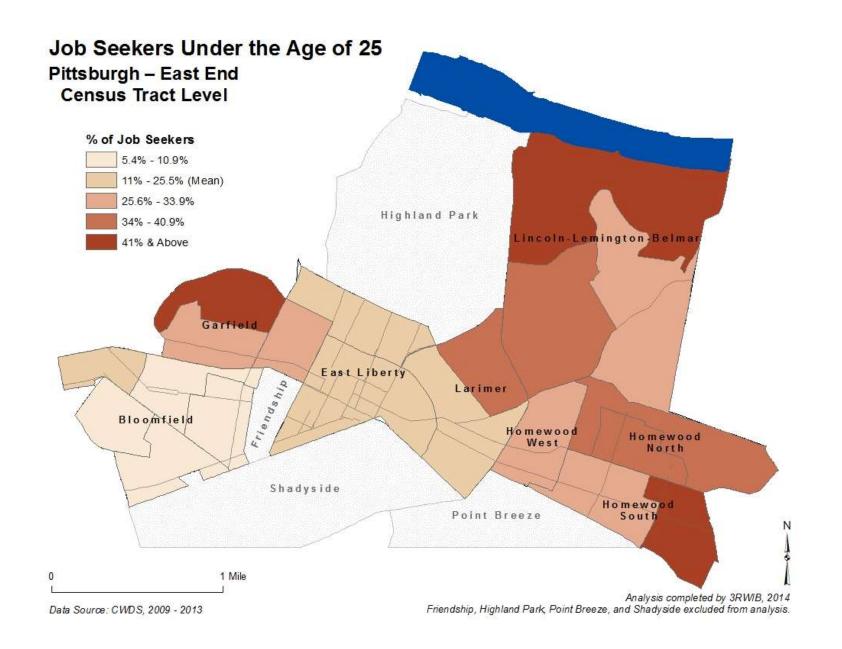


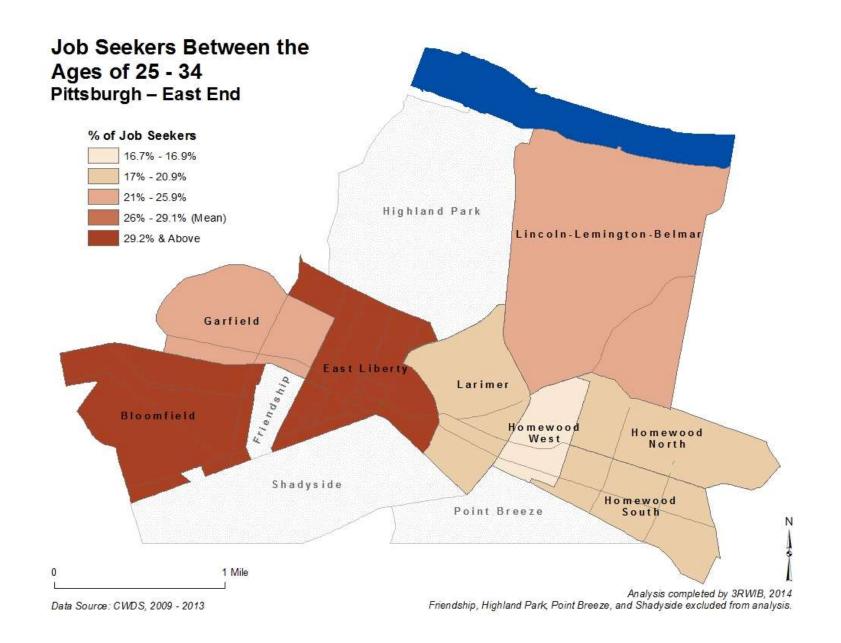


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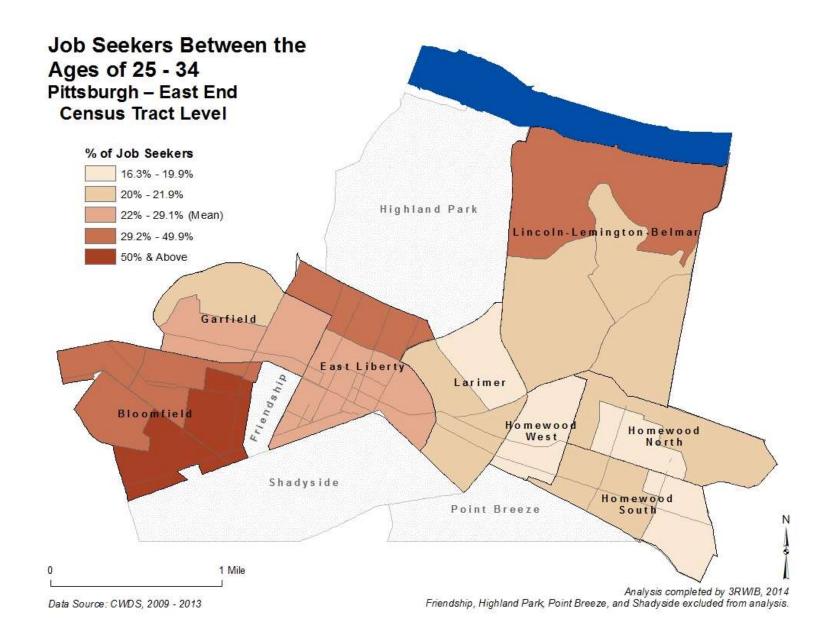


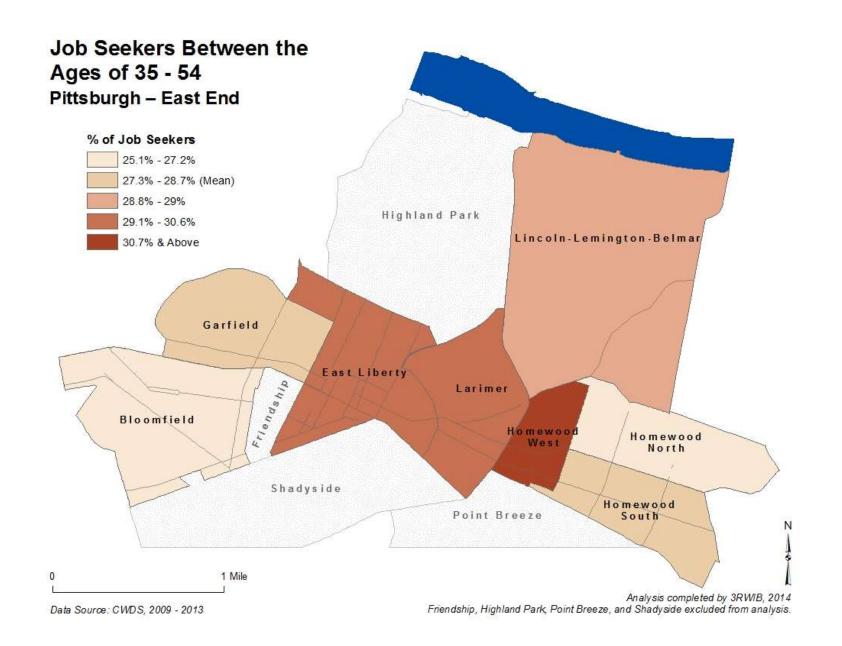
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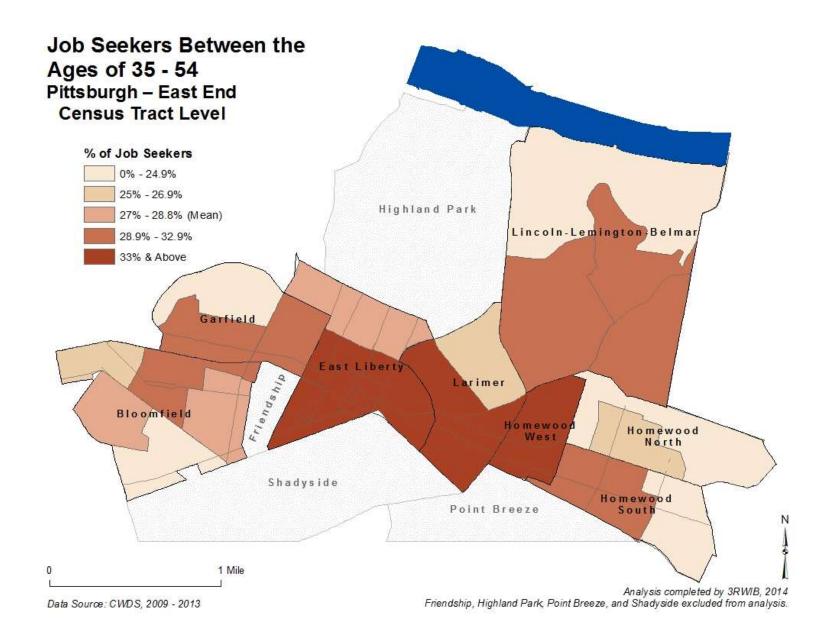




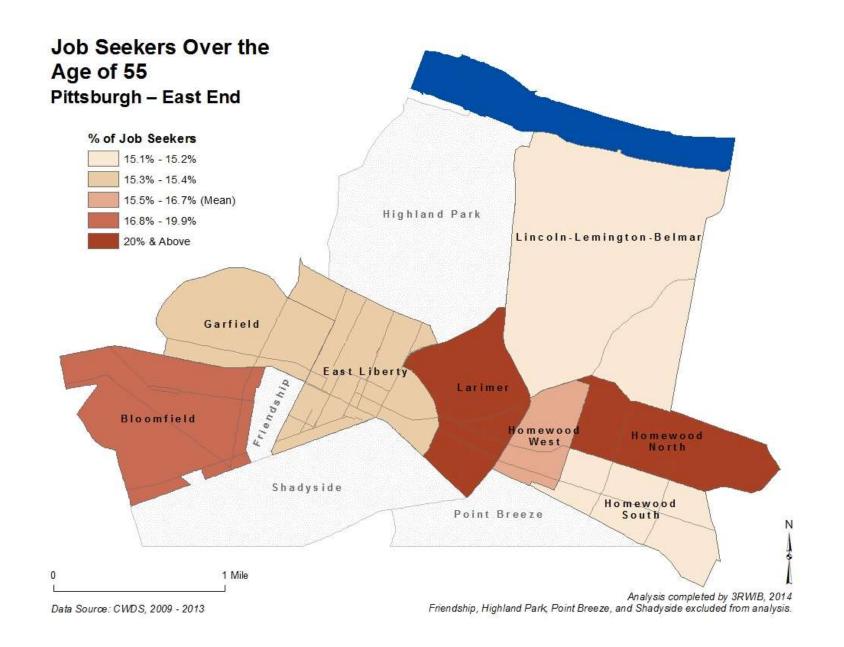




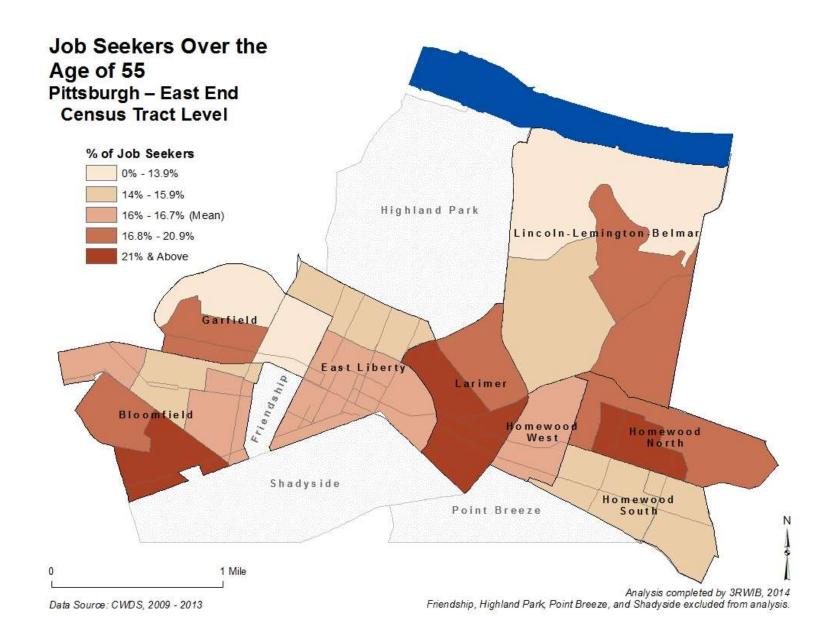




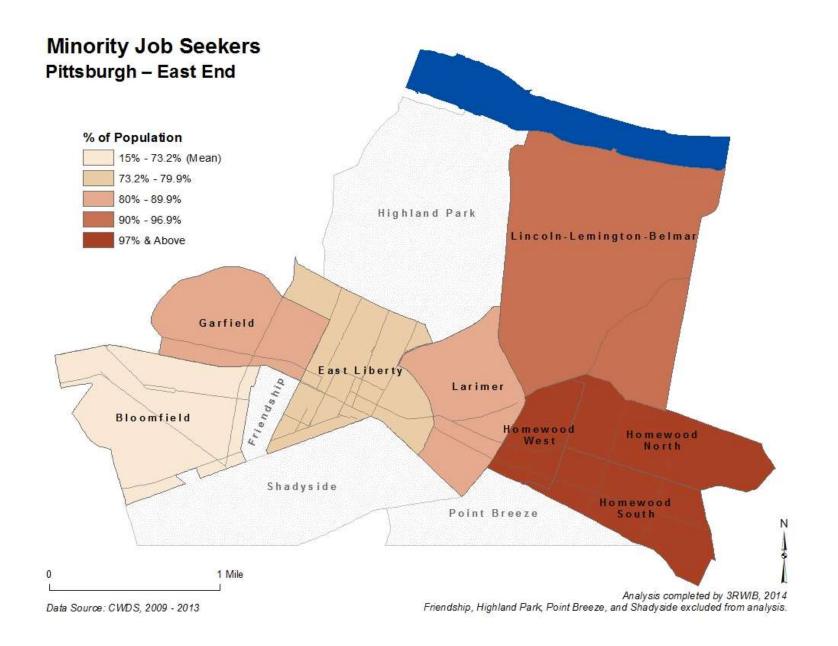
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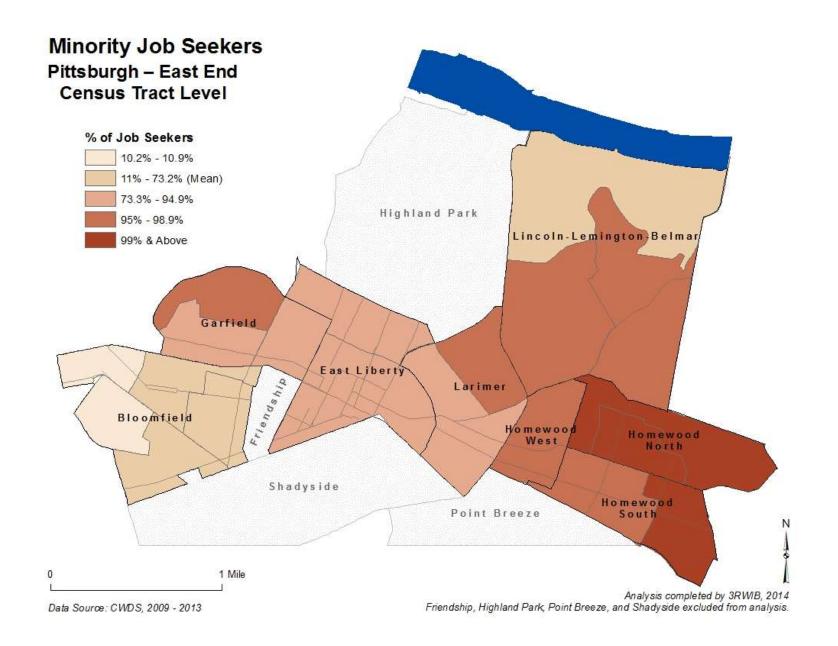
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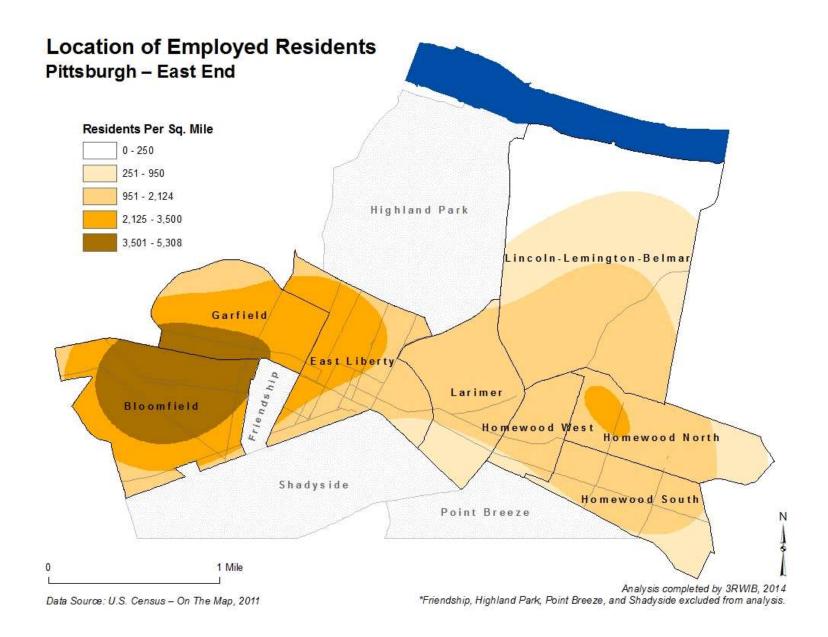
	PA CareerLink <sup>®</sup> Job Seekers by Educational Attainment											
Neighborhood	Job See	ekers	No High Diplo		High So Diploma		Some Co	ollege	Associate's	s Degree	Bachelor's or Hig	0
Neighborhood	Population	on Population		% of Total	Population	% of Total	Population % of Total		Population	% of Total	Population	% of Total
Bloomfield	536	21.5%	24	6.1%	109	12.3%	109	19.6%	30	20.8%	264	51.5%
East Liberty	533	21.4%	77	19.6%	178	20.2%	122	21.9%	28	19.4%	128	25.0%
Garfield	335	13.5%	74	18.8%	138	15.6%	63	11.3%	17	11.8%	43	8.4%
Homewood North	267	10.7%	50	12.7%	127	14.4%	61	11.0%	17	11.8%	12	2.3%
Homewood South	207	8.3%	53	13.5%	74	8.4%	55	9.9%	10	6.9%	15	2.9%
Homewood West	65	2.6%	5	1.3%	28	3.2%	18	3.2%	6	4.2%	8	1.6%
Larimer	191	7.7%	40	10.2%	72	8.2%	49	8.8%	18	12.5%	12	2.3%
Lincoln-Lemington-Belmar	355	14.3%	70	17.8%	157	17.8%	79	14.2%	18	12.5%	31	6.0%
Total	2,489	100.0%	393	100.0%	883	100.0%	556	100.0%	144	100.0%	513	100.0%

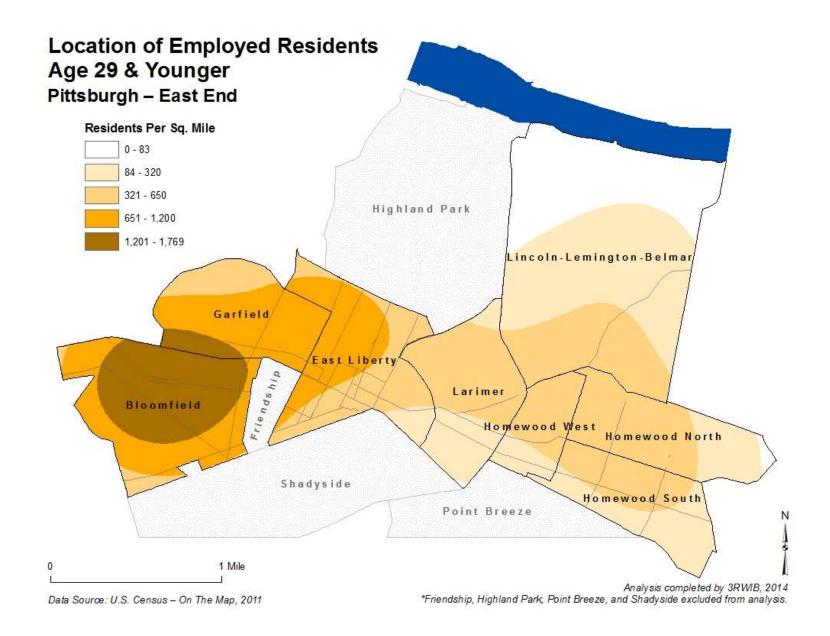
	PA CareerLink <sup>®</sup> Job Seekers by Age and Race											
	≤24	4	25-3	34	35-5	54	55·	ł	Non-Mi	nority	Mino	rity
Neighborhood	Population % of Populati		Population	% of Total								
Bloomfield	786	22.8%	64	7.2%	213	21.6%	133	23.1%	520	84.8%	93	15.2%
East Liberty	715	20.7%	178	20.1%	218	22.1%	110	19.1%	117	19.9%	472	80.1%
Garfield	476	13.8%	147	16.6%	136	13.8%	73	12.7%	54	14.3%	324	85.7%
Homewood North	370	10.7%	129	14.6%	93	9.4%	77	13.4%		0.0%	303	100.0%
Homewood South	275	8.0%	102	11.5%	76	7.7%	42	7.3%	6	2.5%	235	97.5%
Homewood West	86	2.5%	24	2.7%	34	3.4%	14	2.4%	2	2.9%	68	97.1%
Larimer	252	7.3%	73	8.3%	77	7.8%	52	9.0%	30	13.5%	192	86.5%
Lincoln-Lemington-Belmar	489	14.2%	167	18.9%	141	14.3%	74	12.9%	15	3.7%	393	96.3%
Total	3,449	100.0%	884	100.0%	988	100.0%	575	100.0%	744	26.3%	2,080	73.7%

## Appendix J: Job Connectivity and Commuting Patterns

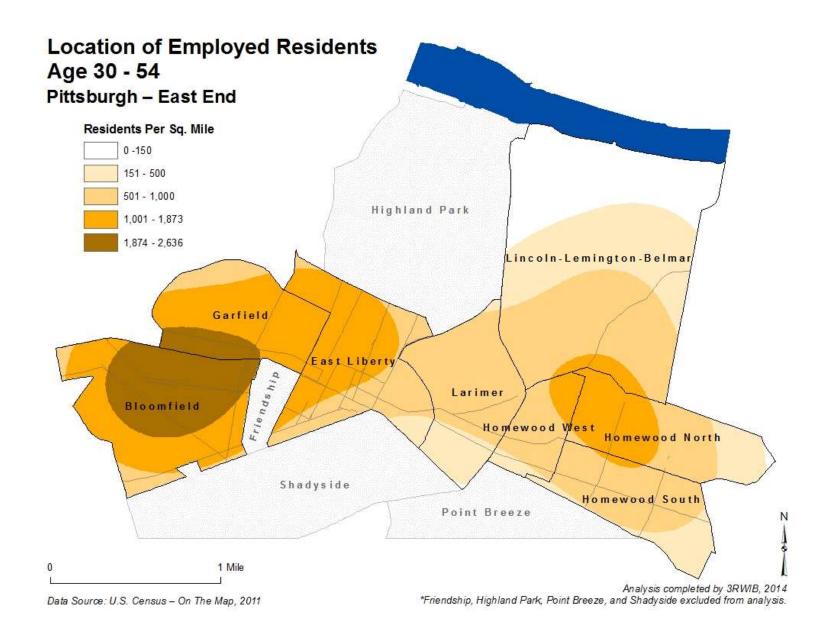
- Location of Employed Residents (map)
- Location of Employed Residents Age 29 & Younger (map)
- Location of Employed Residents Age 30-54 (map)
- Location of Employed Residents Age 55 & Older (map)
- Location of Employed Residents Earning Less than \$1250/month (map)
- Location of Employed Residents Earning Between \$1251-\$3333/month (map)
- Location of Employed Residents Earning Over \$3333/month (map)
- Location of Jobs (map)
- Location of Jobs Held by Individuals Age 29 & Younger (map)
- Location of Jobs Held by Individuals Age 30-54 (map)
- Location of Jobs Held by Individuals Age 55 & Older (map)
- Location of Jobs Held by Individuals Earning Less than \$1250/month (map)
- Location of Jobs Held by Individuals Earning Between \$1251-\$3333/month (map)
- Location of Jobs Held by Individuals Earning Over \$3333/month (map)
- Locations of Employed Residents and Jobs (table)

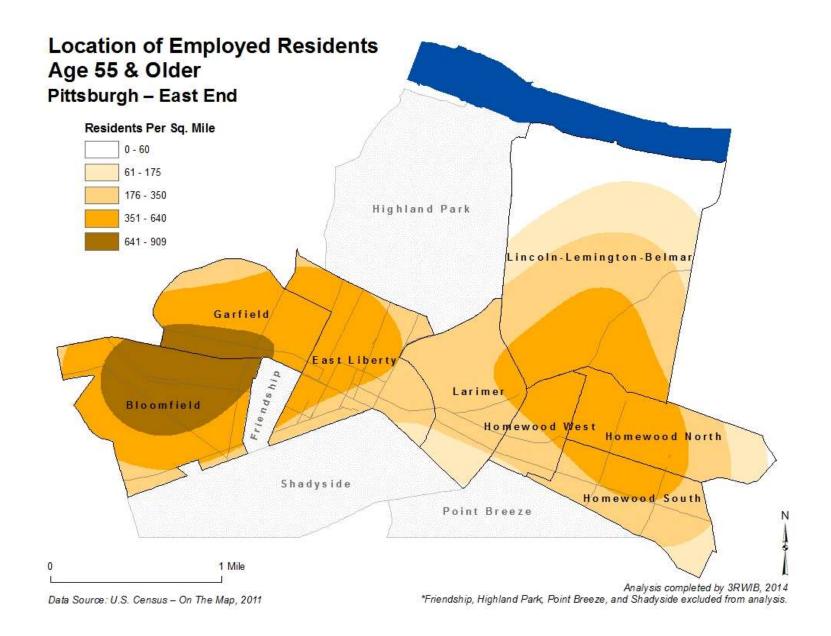
Source: U.S. Census Bureau; On The Map, 2013.



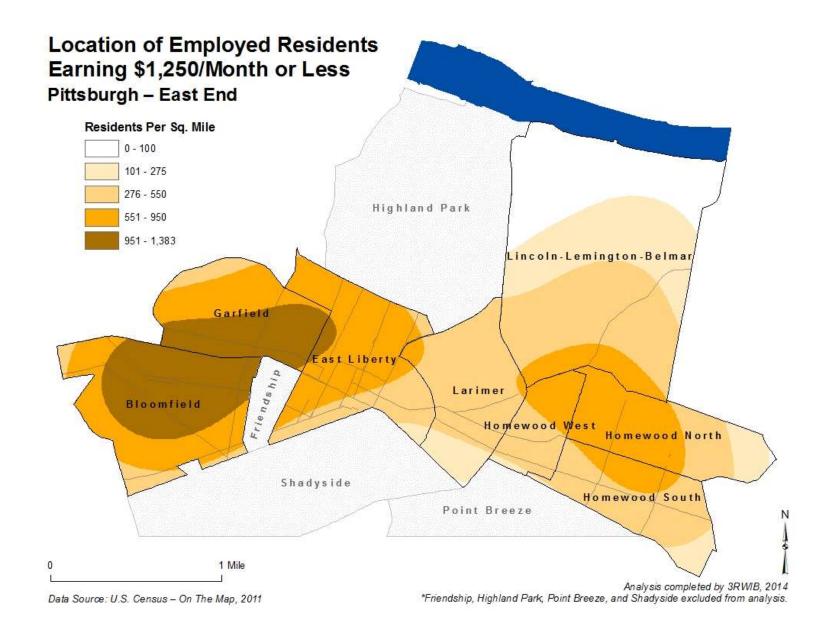


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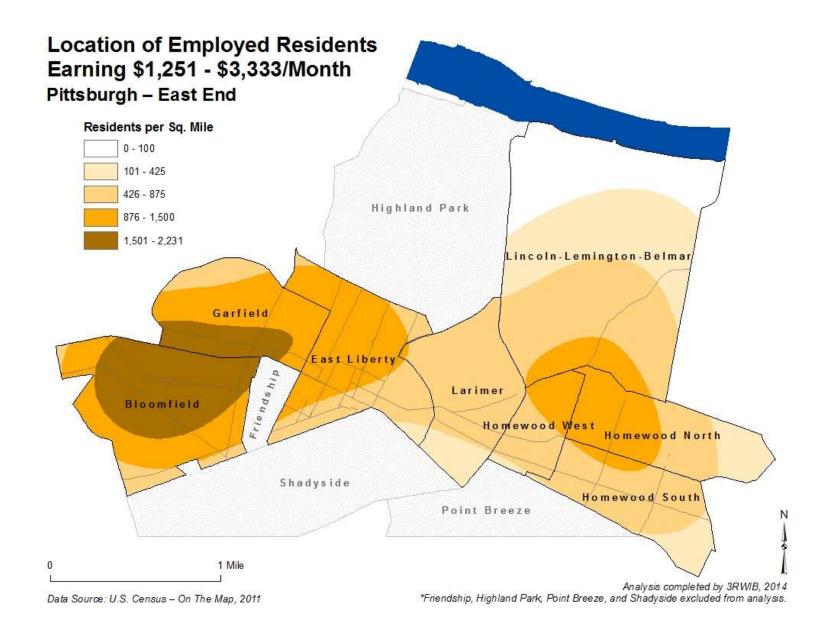




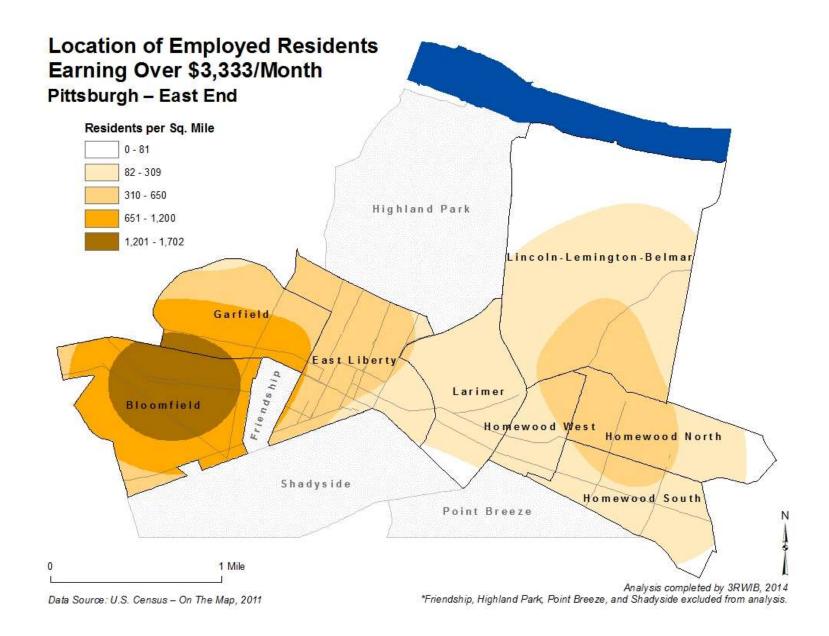
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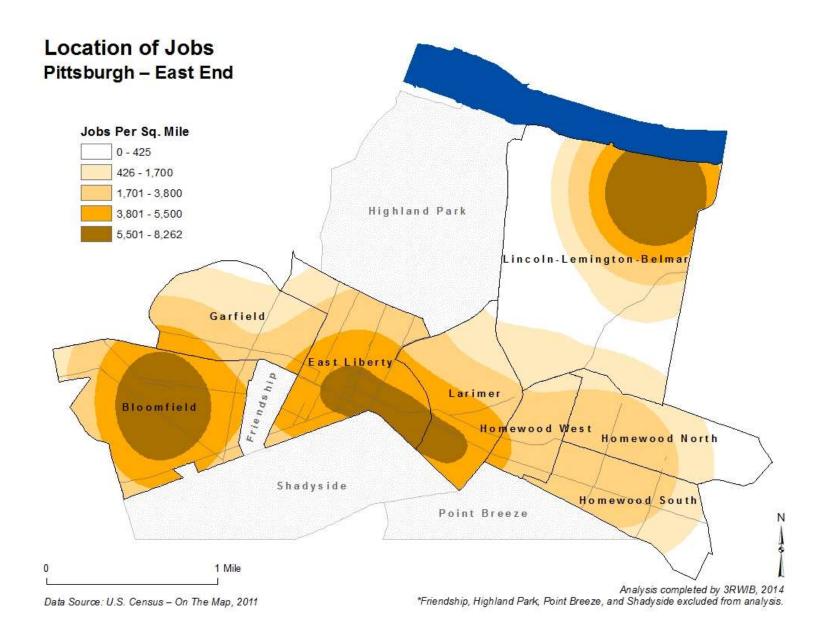
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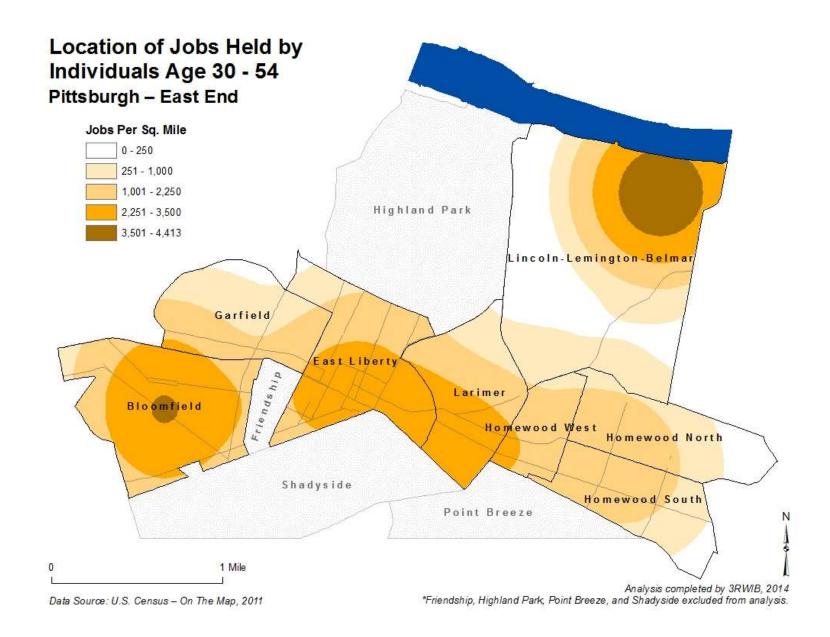
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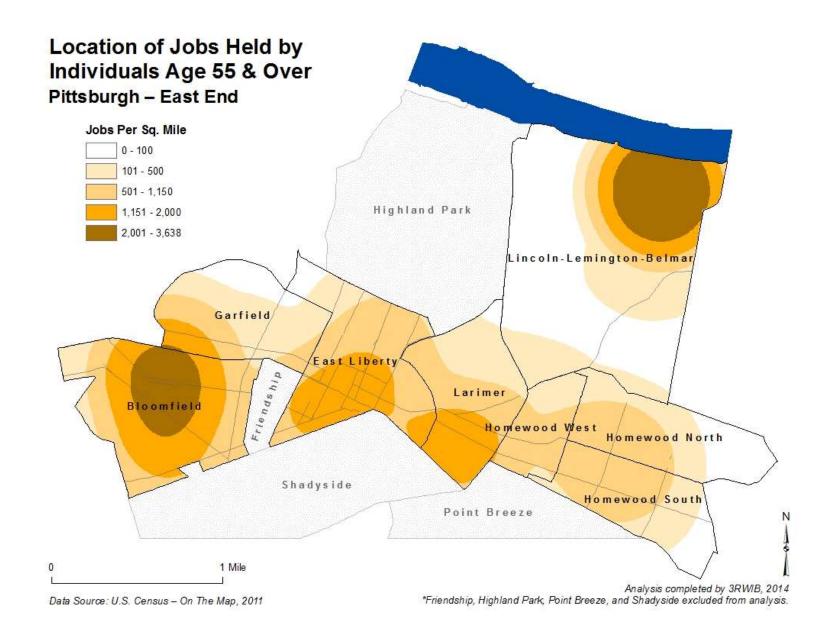
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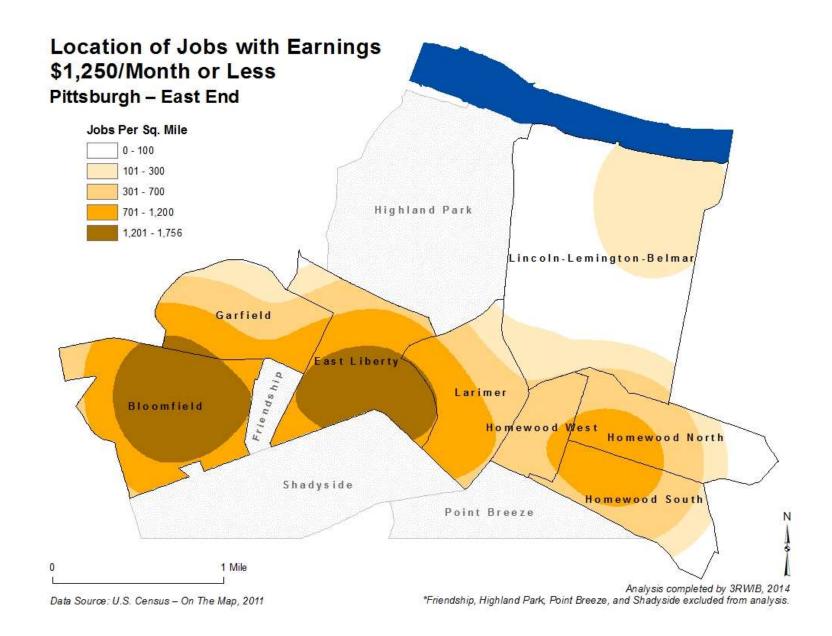
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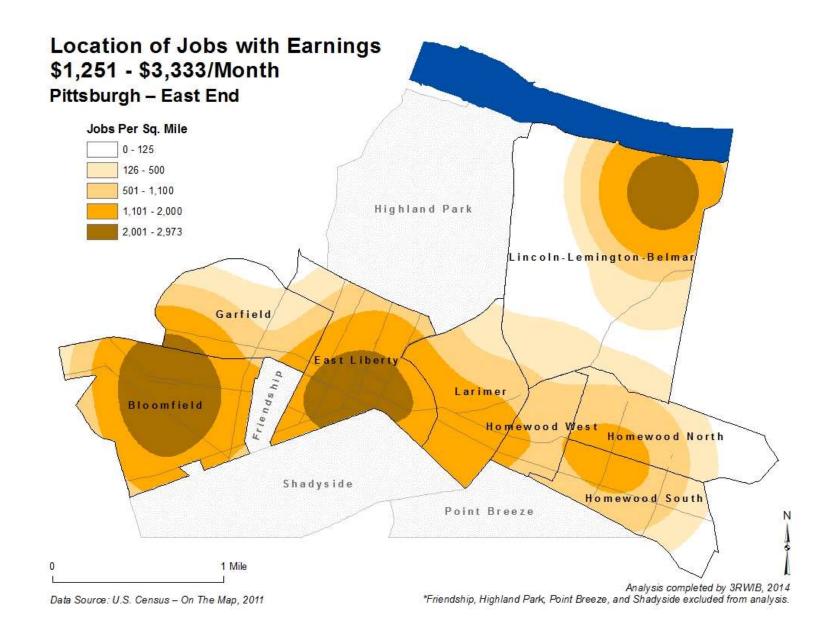
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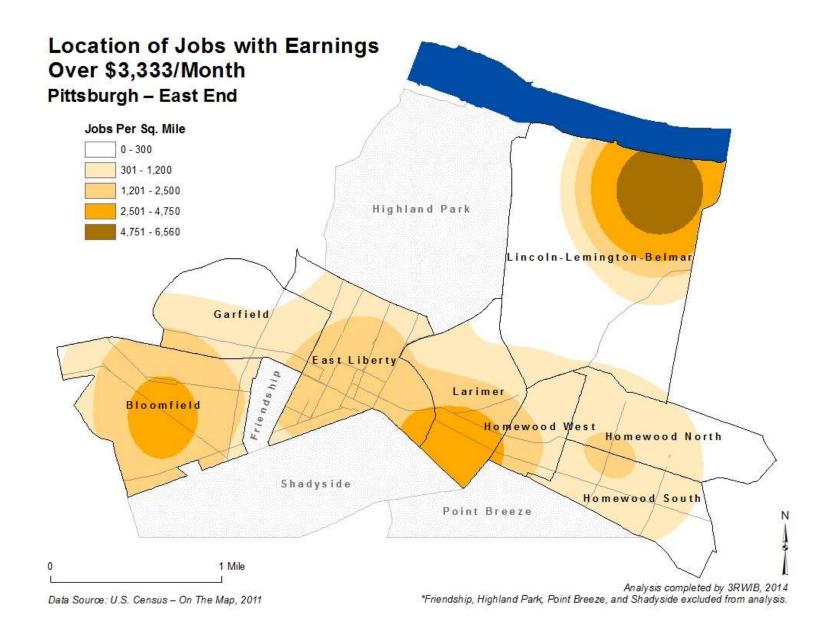
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### 2011 Employed Residents

Total All Jobs	A	11	29 or Y	'ounger	30	-54	5	5+
	Count	Share	Count	Share	Count	Share	Count	Share
Total All Jobs	11,537	100.0%	3,401	100.0%	5,847	100.0%	2,289	100.0%
Jobs by Worker Age								
	Count	Share	Count	Share	Count	Share	Count	Share
Age 29 or younger	3,401	29.5%	3,401	100.0%	0	0.0%	0	0.0%
Age 30 to 54	5,847	50.7%	0	0.0%	5,847	100.0%	0	0.0%
Age 55 or older	2,289	19.8%	0	0.0%	0	0.0%	2,289	100.0%
Jobs by Earnings								
	Count	Share	Count	Share	Count	Share	Count	Share
\$1,250 per month or less	3,496	30.3%	1,507	44.3%	1,409	24.1%	580	25.3%
\$1,251 to \$3,333 per month	5,225	45.3%	1,411	41.5%	2,754	47.1%	1,060	46.3%
More than \$3,333 per month	2,816	24.4%	483	14.2%	1,684	28.8%	649	28.4%
Jobs by NAICS Industry Sector								
	Count	Share	Count	Share	Count	Share	Count	Share
Agriculture, Forestry, Fishing and Hunting	4	0.0%	2	0.1%	1	0.0%	1	0.0%
Mining, Quarrying, and Oil and Gas Extraction	11	0.1%	2	0.1%	9	0.2%	0	0.0%
Utilities	55	0.5%	4	0.1%	34	0.6%	17	0.7%
Construction	173	1.5%	47	1.4%	88	1.5%	38	1.7%
Manufacturing	346	3.0%	70	2.1%	189	3.2%	87	3.8%
Wholesale Trade	220	1.9%	54	1.6%	115	2.0%	51	2.2%
Retail Trade	1,121	9.7%	474	13.9%	472	8.1%	175	7.6%
Transportation and Warehousing	333	2.9%	60	1.8%	190	3.2%	83	3.6%
Information	196	1.7%	57	1.7%	101	1.7%	38	1.7%
Finance and Insurance	676	5.9%	172	5.1%	389	6.7%	115	5.0%
Real Estate and Rental and Leasing	149	1.3%	35	1.0%	73	1.2%	41	1.8%
Professional, Scientific, and Technical Services	511	4.4%	169	5.0%	261	4.5%	81	3.5%
Management of Companies and Enterprises	319	2.8%	106	3.1%	159	2.7%	54	2.4%
Administration & Support, Waste	848	7.4%	236	6.9%	451	7.7%	161	7.0%
Management and Remediation								
Educational Services	1,386	12.0%	297	8.7%	783	13.4%	306	13.4%
Healthcare and Social Assistance	2,975	25.8%	753	22.1%	1,536	26.3%	686	30.0%
Arts, Entertainment, and Recreation	224	1.9%	84	2.5%	81	1.4%	59	2.6%
Accommodation and Food Services	1,208	10.5%	593	17.4%	509	8.7%	106	4.6%
Other Services (excluding Public Administration)	415	3.6%	133	3.9%	178	3.0%	104	4.5%
Public Administration	367	3.2%	53	1.6%	228	3.9%	86	3.8%

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### 2011 Employed Residents, continued

Jobs by Worker Race								
-	Count	Share	Count	Share	Count	Share	Count	Share
White Alone	5,079	44.0%	1,741	51.2%	2,400	41.0%	938	41.0%
Black or African American Alone	5,988	51.9%	1,499	44.1%	3,194	54.6%	1,295	56.6%
American Indian or Alaska Native Alone	34	0.3%	13	0.4%	17	0.3%	4	0.2%
Asian Alone	294	2.5%	96	2.8%	167	2.9%	31	1.4%
Native Hawaiian or Other Pacific Islander Alone	2	0.0%	0	0.0%	2	0.0%	0	0.0%
Two or More Race Groups	140	1.2%	52	1.5%	67	1.1%	21	0.9%
Jobs by Worker Ethnicity								
	Count	Share	Count	Share	Count	Share	Count	Share
Not Hispanic or Latino	11,316	98.1%	3,331	97.9%	5,718	97.8%	2,267	99.0%
Hispanic or Latino	221	1.9%	70	2.1%	129	2.2%	22	1.0%
Jobs by Worker Educational Attainment								
	Count	Share	Count	Share	Count	Share	Count	Share
Less than high school	992	8.6%	0	0.0%	720	12.3%	272	11.9%
High school or equivalent, no college	2,505	21.7%	0	0.0%	1,775	30.4%	730	31.9%
Some college or Associate degree	2,743	23.8%	0	0.0%	1,997	34.2%	746	32.6%
Bachelor's degree or advanced degree	1,896	16.4%	0	0.0%	1,355	23.2%	541	23.6%
Educational attainment not available (workers aged 29 or younger)	3,401	29.5%	3,401	100.0%	0	0.0%	0	0.0%
Jobs by Worker Sex								
	Count	Share	Count	Share	Count	Share	Count	Share
Male	5,227	45.3%	1,486	43.7%	2,771	47.4%	970	42.4%
Female	6,310	54.7%	1,915	56.3%	3,076	52.6%	1,319	57.6%

#### 2011 Location of Jobs

Total All Jobs	А		29 or Y	ounger	30-	-54	55+		
	Count	Share	Count	Share	Count	Share	Count	Share	
Total All Jobs	20,103	100.0%	3,909	100.0%	11,301	100.0%	4,893	100.0%	
Jobs by Worker Age									
	Count	Share	Count	Share	Count	Share	Count	Share	
Age 29 or younger	3,909	19.4%	3,909	100.0%	0	0.0%	0	0.0%	
Age 30 to 54	11,301	56.2%	, 0	0.0%	11,301	100.0%	0	0.0%	
Age 55 or older	4,893	24.3%	0	0.0%	0	0.0%	4,893	100.0%	
Jobs by Earnings									
	Count	Share	Count	Share	Count	Share	Count	Share	
\$1,250 per month or less	4,138	20.6%	1,607	41.1%	1,621	14.3%	910	18.6%	
\$1,251 to \$3,333 per month	6,774	33.7%	1,474	37.7%	3,685	32.6%	1,615	33.0%	
More than \$3,333 per month	9,191	45.7%	828	21.2%	5,995	53.0%	2,368	48.4%	
Jobs by NAICS Industry Sector									
	Count	Share	Count	Share	Count	Share	Count	Share	
Agriculture, Forestry, Fishing and	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
Hunting									
Mining, Quarrying, and Oil and Gas Extraction	1	0.0%	1	0.0%	0	0.0%	0	0.0%	
Utilities	0	0.0%	0	0.0%	0	0.0%	0	0.0%	
Construction	266	1.3%	62	1.6%	156	1.4%	48	1.0%	
Manufacturing	587	2.9%	80	2.0%	358	3.2%	149	3.0%	
Wholesale Trade	411	2.0%	41	1.0%	228	2.0%	142	2.9%	
Retail Trade	1,207	6.0%	374	9.6%	568	5.0%	265	5.4%	
Transportation and Warehousing	564	2.8%	21	0.5%	393	3.5%	150	3.1%	
Information	410	2.0%	96	2.5%	256	2.3%	58	1.2%	
Finance and Insurance	197	1.0%	18	0.5%	131	1.2%	48	1.0%	
Real Estate and Rental and Leasing	230	1.1%	54	1.4%	102	0.9%	74	1.5%	
Professional, Scientific, and	2,189	10.9%	394	10.1%	1,430	12.7%	365	7.5%	
Technical Services									
Management of Companies and	49	0.2%	14	0.4%	33	0.3%	2	0.0%	
Enterprises Administration & Support, Waste	1,213	6.0%	163	4.2%	538	4.8%	512	10.5%	
Management and Remediation	1,215	0.0%	105	4.2%	550	4.0%	512	10.5%	
Educational Services	1,452	7.2%	214	5.5%	835	7.4%	403	8.2%	
Healthcare and Social Assistance	8,292	41.2%	1,201	30.7%	4,876	43.1%	2,215	45.3%	
Arts, Entertainment, and	594	3.0%	266	6.8%	247	2.2%	81	1.7%	
Recreation									
Accommodation and Food Services	1,496	7.4%	659	16.9%	679	6.0%	158	3.2%	
Other Services (excluding Public	893	4.4%	247	6.3%	436	3.9%	210	4.3%	
Administration)									
Public Administration	52	0.3%	4	0.1%	35	0.3%	13	0.3%	

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### 2011 Location of Jobs, continued

Jobs by Worker Race								
	Count	Share	Count	Share	Count	Share	Count	Share
White Alone	15,590	77.6%	2,954	75.6%	8,727	77.2%	3,909	79.9%
Black or African American Alone	3,799	18.9%	789	20.2%	2,126	18.8%	884	18.1%
American Indian or Alaska Native Alone	52	0.3%	5	0.1%	35	0.3%	12	0.2%
Asian Alone	469	2.3%	101	2.6%	303	2.7%	65	1.3%
Native Hawaiian or Other Pacific Islander Alone	15	0.1%	1	0.0%	11	0.1%	3	0.1%
Two or More Race Groups	178	0.9%	59	1.5%	99	0.9%	20	0.4%
Jobs by Worker Ethnicity								
	Count	Share	Count	Share	Count	Share	Count	Share
Not Hispanic or Latino	19,840	98.7%	3,842	98.3%	11,148	98.6%	4,850	99.1%
Hispanic or Latino	263	1.3%	67	1.7%	153	1.4%	43	0.9%
Jobs by Worker Educational Attainment								
	Count	Share	Count	Share	Count	Share	Count	Share
Less than high school	1,178	5.9%	0	0.0%	813	7.2%	365	7.5%
High school or equivalent, no college	3,963	19.7%	0	0.0%	2,632	23.3%	1,331	27.2%
Some college or Associate degree	5,548	27.6%	0	0.0%	3,922	34.7%	1,626	33.2%
Bachelor's degree or advanced degree	5,505	27.4%	0	0.0%	3,934	34.8%	1,571	32.1%
Educational attainment not available (workers aged 29 or younger)	3,909	19.4%	3,909	100.0%	0	0.0%	0	0.0%
Jobs by Worker Sex								
	Count	Share	Count	Share	Count	Share	Count	Share
Male	9,240	46.0%	1,664	42.6%	5,209	46.1%	2,367	48.4%
Female	10,863	54.0%	2,245	57.4%	6,092	53.9%	2,526	51.6%

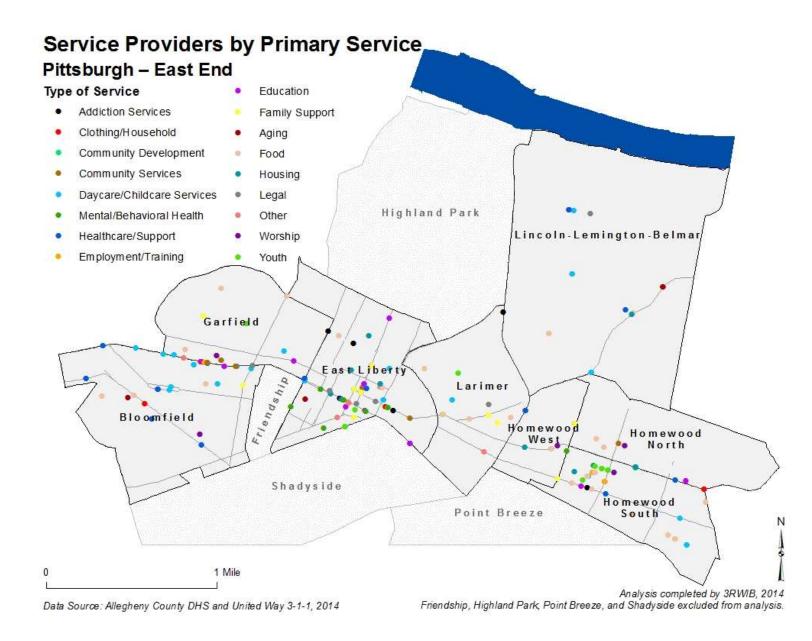
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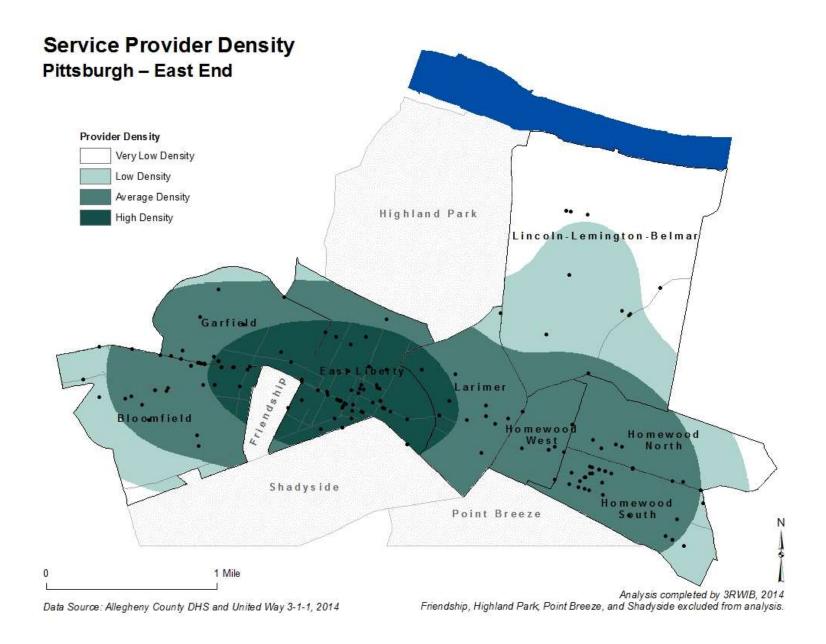
# Appendix K: Providers

- Providers by Industry and Neighborhood (map)
- Provider Density (map)
- Providers by Industry and Neighborhood (table)

Source: Allegheny Department of Human Services and the United Way with additional research and verification by 3RWIB.









	Service Provider by Neighborhood and Primary Service																					
	Addiction Services	Aging	Clothing/Household	Community Development	Community Services	Crisis Support	Culture	Daycare/Childcare Services	Education	Employment/Training	Family Support	Food	Healthcare/Support	Housing	Legal	Mental/Behavioral Health	Other	Public Dept/Agency	Utilities Assistance	Worship	Youth	Total
Bloomfield		1	1		1			9	1	2	1	4	8		1	2				1	1	33
East Liberty	5	4	2	1	2	1	1	9	5		7	4	8	4	3	7		3	2		6	73
Garfield			1		3			2	2	2	2	5	1				1			1	1	21
Homewood North		1	1	1	2				1			2	2	1						1		12
Homewood South	1			1	3			4	2	3		12	1	2	1					1	6	37
Homewood West								1		1	2	1	1	1		1				1		9
Larimer	1		1					1			4	5	2		1		1				4	20
Lincoln- Lemington- Belmar		2			1			4	1	1		2	3	1	1						1	17
Total	7	8	6	3	12	1	1	30	12	9	16	35	26	9	7	10	2	3	2	5	19	222

## Appendix L: Technical Appendix

Data for this report were collected and analyzed from several different sources, including the U.S. Census Bureau, the Pennsylvania Department of Labor and Industry, the US Department of Labor, and the Commonwealth Workforce Development System (the system of record for CareerLink<sup>®</sup> providers in Pennsylvania).

Business data source: Center for Workforce Information and Analysis; Pennsylvania Department of Labor and Industry; (2013).

Census data source: U.S. Census Bureau, American Community Survey 2008-2012 5-Year Estimates.

CWDS data source: Commonwealth Workforce Development System; generated by 3RWIB; (15 January 2014). Represents East End Job Seekers registered with PA CareerLink<sup>®</sup> from January 1, 2012-December 31, 2013.

Green jobs data source: Quarterly Census of Employment and Wages, 2013 and the Center for American Progress and the Political Economy Research Institute.

Part Time Job data source: Indeed.com, 2014.

Projection data source: Quarterly Census of Employment and Wages, 2013.

Provider data source: Allegheny Department of Human Services and the United Way with additional research and verification by 3RWIB.

Census tract 9800 in Lincoln-Lemington-Belmar was not included in this analysis due to significantly higher levels of income and a small population, which skewed the remaining data. Because of the way the Census bureau collects and collates data, numbers within a chart may not add to 100%. Numbers of households and population may also vary slightly from one indicator to another.

Industry and Occupational information and projections are only available at the ZIP code level, so these sections reflect a slightly different geographic area than other data in the report. See below for a ZIP code map.

Neighborhood	Census Tract
	802
	804
Bloomfield	806
	809
	903
Fact Liberty	1113
East Liberty	1115
	1016
Garfield	1017
	1114
	1301
Homewood North	1302
	1303
Homewood South	1304
Homewood West	1207
	1203
Lincoln-Lemington- Belmar	5619
bennai	9818
Louinson	1204
Larimer	1208

