

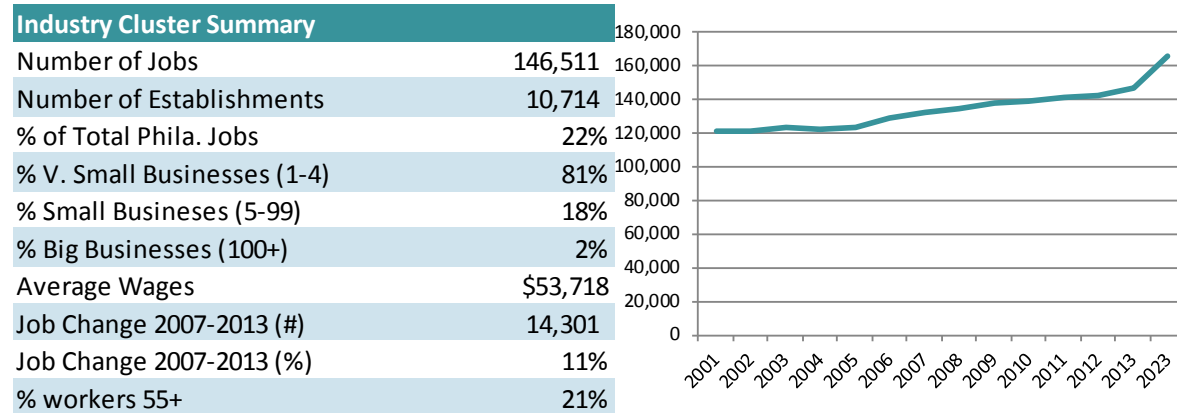
Industry Profiles – Health Care

The **Health Care** cluster includes industries that provide for the health and well-being of Pennsylvania residents. Direct patient care forms the cornerstone of this cluster. Also included are industries that support direct patient care such as ambulance services, health insurance carriers and public agencies that oversee health programs. In addition, social assistance such as continuing care retirement communities and assisted living facilities for the elderly are included within Health Care¹.

This report presents an overview of employment trends. We examine how Health Care has changed since 2007, the year before the Great Recession had an impact. Then, we examine the composition of the industry cluster by size of businesses and highlight clusters with the largest share of smaller businesses. The section on workers demographics shows the composition of industry clusters by gender, age, and education. Finally, we look at the major occupations that support industry clusters.

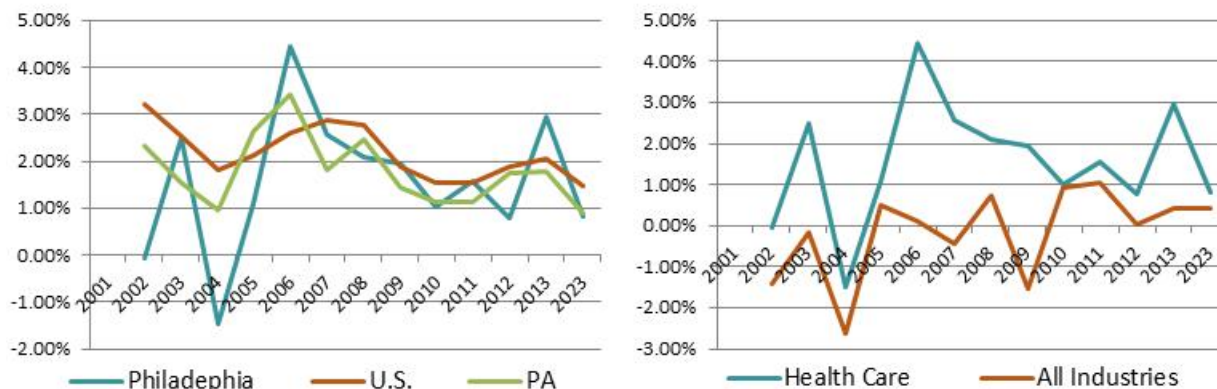
- Health Care is the largest industry cluster in Philadelphia and accounted for 22 percent of jobs in 2013.
- Health Care grew by 11 percent since 2007 and has added jobs during the recessionary period despite the decline in other industries.

SUMMARY OF HEALTH CARE INDUSTRY CLUSTER IN PHILADELPHIA



¹ Descriptions of industry clusters are borrowed directly from the State report. The full report can be found here: <http://www.portal.state.pa.us/portal/server.pt/community/products/19738>

% CHANGE IN EMPLOYMENT IN HEALTH CARE IN PHILADELPHIA VS. PA AND U.S. AND VS. ALL INDUSTRIES



Source: Philadelphia Works analysis of the QCEW Employees & Non-QCEW Employees - EMSI 2013.4 Class of Worker data

Industry Highlights

- General Medical and Surgical Hospitals; Specialty Hospitals; Services for Elderly and Persons with Disabilities; and Offices of Physicians are top industries in the cluster.
- Services for the Elderly and Persons with Disabilities; Specialty Hospitals; Outpatient Mental Health and Substance Abuse Centers; Continuing Care Retirement Communities; and Offices of Physicians, were among top industries and added the most jobs since 2007.
- The difference between expected change (determined from the national trends) and actual change can be seen as competitive effect – growth or decline attributed to local factors. Services for the Elderly and Persons with Disabilities; Outpatient Mental Health; and Substance Abuse Centers grew due to unique regional factors.
- Wages in the Health Care industry cluster in Philadelphia are higher as compared to the U.S. and Pennsylvania. Offices of Physicians; Direct Health and Medical Insurance Carriers; Specialty Hospitals; and General Medical and Surgical Hospitals paid the highest wages as compared to other industries in the cluster.

TOP INDUSTRIES IN HEALTH CARE IN PHILADELPHIA

Industry	Jobs 2013	% Change 2007-2013	Change	Expected Change	Competitive Effect	Wages
General Medical and Surgical Hospitals (Private)	44,121	▬ -0.1%	(57)	2,633	(2,689)	\$62,629
Specialty (except Psychiatric and Substance Abuse) Hospitals (Private)	15,215	▲ 26.4%	3,178	3,303	(125)	\$63,832
Services for the Elderly and Persons with Disabilities	15,042	▲ 143.2%	8,858	3,295	5,563	\$20,945
Offices of Physicians (except Mental Health Specialists)	11,601	▬ 3.8%	425	1,169	(744)	\$91,652
Nursing Care Facilities	7,788	▬ -0.3%	(25)	281	(306)	\$34,929
Direct Health and Medical Insurance Carriers	5,429	▼ -16.5%	(1,075)	127	(1,202)	\$85,911
Other Individual and Family Services	5,229	▼ -10.1%	(590)	23	(614)	\$37,297
Outpatient Mental Health and Substance Abuse Centers	4,628	▲ 36.3%	1,233	762	471	\$36,325
Residential Mental Retardation Facilities	4,277	▼ -10.3%	(489)	483	(973)	\$28,612
Home Health Care Services	4,068	▬ 4.5%	174	1,532	(1,358)	\$35,651
Child and Youth Services	3,154	▼ -5.8%	(194)	(21)	(172)	\$32,157
Continuing Care Retirement Communities	3,151	▲ 21.1%	550	750	(200)	\$29,665

Source: Philadelphia Works analysis of the QCEW Employees & Non-QCEW Employees - EMSI 2013.4 Class of Worker data

Employers in Health Care

EMPLOYERS IN HEALTH CARE BY SIZE (PERCENT OF TOTAL EMPLOYERS)

Size	In Industry	in Phila	Industry Employers by Size
1-4	81%	60%	
5-9	8%	15%	
10-19	5%	11%	
20-49	3%	8%	
50-99	1%	3%	
100-249	1%	2%	
250-499	0.4%	0.5%	
500-999	0.2%	0.2%	
1000 & Over	0.1%	0.1%	
Total	100%	100%	

Source: PA Employer Database 2013

- Over 10,000 businesses make up Health Care industry cluster. “Very small businesses” businesses (1-4 employees) represent 81 percent of establishments in the cluster. “Small businesses (5-99 employees) make up 18 percent of employers in the cluster.

TOP EMPLOYERS IN HEALTH CARE

ALBERT EINSTEIN MEDICAL CENTER	INFINITE CARE INC
INDEPENDENCE BLUE CROSS	INGLIS HOUSE
JEANES HOSPITAL	JEFFERSON UNIVERSITY PHYSICIANS
LIFE INSURANCE CO OF NORTH AMERICA	MAGEE REHABILITATION HOSPITAL
NAZARETH HOSPITAL	MERCY CATHOLIC MEDICAL CENTER
PENNSYLVANIA HOSPITAL	PHILADELPHIA CORPORATION FOR AGING
PRESBYTERIAN MEDICAL CENTER	SCHC PEDIATRIC ASSOCIATES PC
TEMPLE UNIVERSITY HOSPITAL INC	AMERICAN RED CROSS PENN-JERSEY
TENET HEALTH SYSTEM ST CHRISTOPHER'	CHESTNUT HILL HOSPITAL
THE AMERICAN ONCOLOGIC HOSPITAL	EASTERN REGIONAL MEDICAL CENTER
THE CHILDREN'S HOSPITAL OF PHILA	TEMPLE UNIVERSITY HOSPITAL INC
THOMAS JEFFERSON UNIVERSITY HOSP	ARIA HEALTH - FRANKFORD CAMPUS
TRUSTEES OF THE UNIVERSITY OF PA	GIRARD MEDICAL CENTER
TENET HEALTH SYSTEM HAHNEMANN LLC	KINDRED HOSPITALS EAST LLC
THOMAS JEFFERSON UNIVERSITY HOSP	ALBERT EINSTEIN MEDICAL CENTER
ARIA HEALTH - TORRESDALE CAMPUS	PHILA HEALTH MANAGEMENT CORP
ALBERT EINSTEIN HEALTHCARE	ROXBOROUGH MEMORIAL HOSPITAL
CONNECTICUT GENERAL LIFE INS CO	ST JOSEPHS HOSPITAL
HEALTH PARTNERS PLANS INC	

Source: PA Employer Database 2013

Worker Demographics

Workforce demographics are examined by gender, age, and education of workers.

Gender of Workers in Health Care

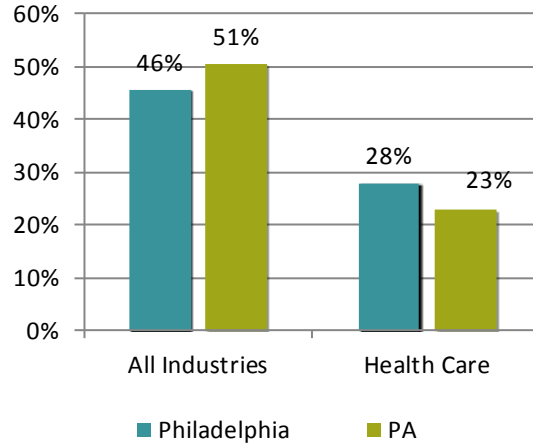
- There are more women (72 percent) than men employed in the Health Care industry cluster, similar to the gender breakdown in Pennsylvania.
- About 8 of ten employees in Home Health Care Services, Offices of Dentists and Nursing Care Facilities are women. More men are employed in Drugs and Druggists' Sundries Merchant Wholesalers, Other Ambulatory Health Care, and Other Residential Care Facilities.

GENDER OF WORKERS IN 2013Q1+3 PREVIOUS QUARTERS

% MEN EMPLOYED IN HEALTH CARE IN PHILADELPHIA

	% men
Druggists' Goods Merch. Whs.	56%
All Industries	46%
Other Amb. Health Care Svc	39%
Other Res. Care Fac.	37%
Emergency & Other Relief Svc	37%
Insurance Carriers	37%
Psych. & Subs. Abuse Hosp.	36%
Res. Mental Health Fac.	33%
General Medical & Surg. Hosp.	30%
Outpatient Care Centers	29%
Health Care	28%
Offices of Other Health Pract.	27%
Individual & Family Svc	26%
Offices of Physicians	25%
Comm. Care Fac. for the Elderly	23%
Other Hosp.	21%
Nursing Care Fac.	20%
Offices of Dentists	16%
Home Health Care Svc	12%

% MEN EMPLOYED BY CLUSTER AND GEOGRAPHY



Source: Philadelphia Works Analysis of Quarterly Workforce Indicators data.

Age of Workers in Health Care

- The majority of workers in Health Care are middle aged – ages from 35 to 54. The share of older workers in the cluster (21 percent) is similar to the age of workers across all industries and in Pennsylvania.
- Offices of Physicians; Outpatient Care Centers; and Home Health Care Services employed the largest share of older workers.

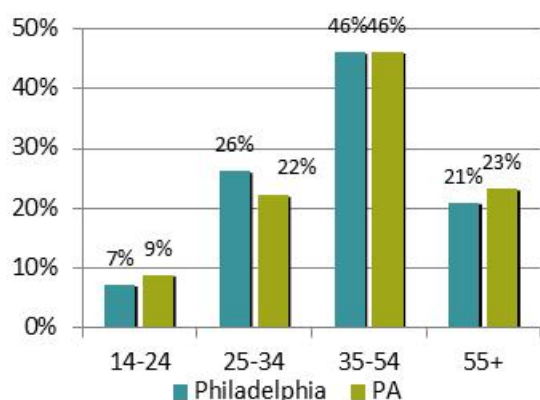
TOP INDUSTRIES IN HEALTH CARE IN PHILADELPHIA BY AGE OF WORKERS IN 2013Q1+3 PREVIOUS QUARTERS

Industry/Age	14-24	25-54	55+	Total	# Employed
General Medical & Surg. Hosp.	5.5%	73.8%	20.6%	100%	46,793
Individual & Family Svc	10.7%	69.7%	19.6%	100%	17,153
Offices of Physicians	6.4%	68.1%	25.5%	100%	12,531
Insurance Carriers	3.0%	76.7%	20.3%	100%	11,115
Other Hosp.	6.8%	76.1%	17.2%	100%	9,670
Nursing Care Fac.	8.1%	71.1%	20.9%	100%	8,117
Outpatient Care Centers	5.0%	71.1%	23.9%	100%	6,834
Res. Mental Health Fac.	8.4%	71.5%	20.1%	100%	6,809
Home Health Care Svc	8.4%	68.9%	22.6%	100%	4,432
Comm. Care Fac. for the Elderly	15.3%	63.3%	21.5%	100%	3,845
Other Amb. Health Care Svc	10.9%	72.8%	16.2%	100%	3,105
Offices of Dentists	10.2%	70.2%	19.6%	100%	2,752
Offices of Other Health Pract.	10.3%	69.1%	20.6%	100%	2,394
Emergency & Other Relief Svc	7.3%	68.0%	24.7%	100%	2,163
Psych. & Subs. Abuse Hosp.	4.4%	73.2%	22.4%	100%	1,531
Other Res. Care Fac.	7.1%	75.9%	17.1%	100%	640
Druggists' Goods Merch. Whls.	8.5%	70.1%	21.4%	100%	603
Health Care	7%	72%	21%	100%	140,484
All Industries	13%	67%	20%	100%	558,394

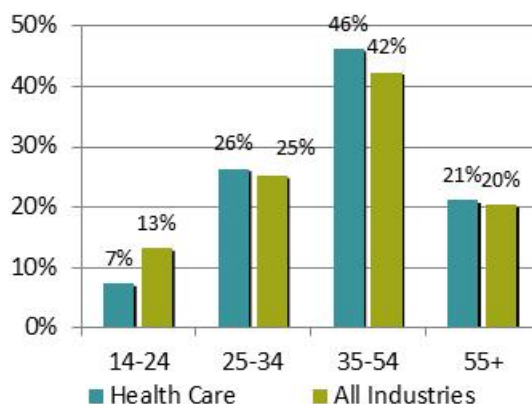
Source: Philadelphia Works Analysis of Quarterly Workforce Indicators data.

AGE OF WORKERS IN 2013Q1+3 PREVIOUS QUARTERS:

EMPLOYED IN HEALTH CARE IN PHILADELPHIA VS. PA



EMPLOYED IN HEALTH CARE VS. ALL INDUSTRIES IN PHILADELPHIA



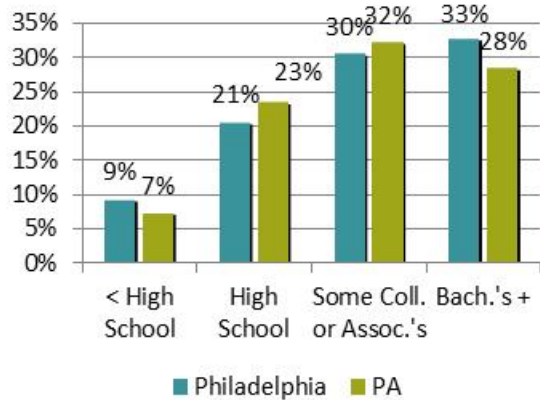
Source: Philadelphia Works Analysis of Quarterly Workforce Indicators data.

Education of Workers in Health Care

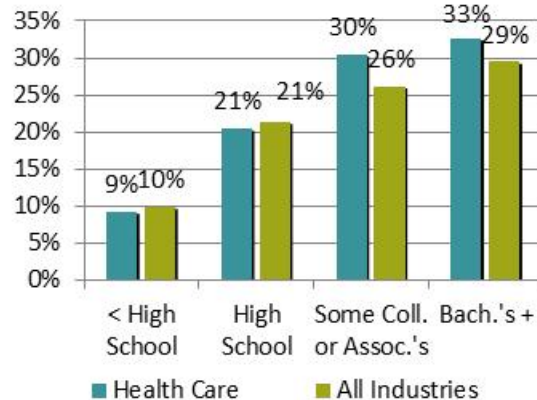
- Workers in Health Care are more educated compared to other industry clusters. Most workers have some college education or an Associate’s degree (30 percent) or a Bachelor’s degree or higher (33 percent). The education of Philadelphia workers is similar to the trends in Pennsylvania but with more workers with Bachelor’s degree or higher employed in Philadelphia.

EDUCATION OF WORKERS IN 2013Q1+3 PREVIOUS QUARTERS:

% EMPLOYED IN HEALTH CARE IN PHILADELPHIA VS. PA



% EMPLOYED IN HEALTH CARE VS. ALL INDUSTRIES IN PHILADELPHIA



Source: Philadelphia Works Analysis of Quarterly Workforce Indicators data. Education attainment is not available for workers under 25 – this category is not shown.

- Educational attainment varies across industries that make up the cluster. Insurance Carriers; General Medical and Surgical Hospitals; Offices of Physicians; and Specialty (except Psychiatric and Substance Abuse) Hospitals employed more workers with Bachelor’s degree or higher compared to other industries in Health Care.
- Individual and Family Services; Nursing Care Facilities; Residential Mental Retardation, Mental Health and Substance Abuse Facilities; Community Care Facilities for the Elderly; Home Health Care Services; and Outpatient Care Centers hired a large share of workers without a high school diploma or with a high school diploma only compared to other industries in Health Care.

TOP INDUSTRIES IN HEALTH CARE IN PHILADELPHIA BY EDUCATION OF WORKERS IN 2013Q1+3 PREVIOUS QUARTERS:

Industry/Education	< High School	High School	Some College or Assoc.'s	Bach.'s +	Unknown	Total	# Employed
General Medical & Surg. Hosp.	7.2%	18.2%	30.4%	38.7%	5.5%	100%	46,793
Individual & Family Svc	15.0%	24.9%	29.5%	19.9%	10.7%	100%	17,153
Offices of Physicians	7.3%	18.5%	29.4%	38.3%	6.4%	100%	12,531
Insurance Carriers	4.4%	16.2%	27.6%	48.8%	3.0%	100%	11,115
Other Hosp.	7.0%	18.1%	31.5%	36.6%	6.8%	100%	9,670
Nursing Care Fac.	13.6%	25.1%	32.6%	20.7%	8.1%	100%	8,117
Outpatient Care Centers	10.8%	22.6%	33.4%	28.2%	5.0%	100%	6,834
Res. Mental Health Fac.	12.1%	25.6%	32.7%	21.2%	8.4%	100%	6,809
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Comm. Care Fac. for the Elderly	13.4%	23.5%	28.5%	19.4%	15.3%	100%	3,845
Other Amb. Health Care Svc	9.1%	20.1%	30.3%	29.5%	11.0%	100%	3,105
Offices of Dentists	8.6%	21.0%	31.2%	29.0%	10.2%	100%	2,752
Offices of Other Health Pract.	9.6%	21.9%	29.2%	29.0%	10.3%	100%	2,394
Emergency & Other Relief Svc	13.8%	25.7%	31.0%	22.2%	7.4%	100%	2,163
Psych. & Subs. Abuse Hosp.	10.0%	23.4%	33.9%	28.2%	4.5%	100%	1,531
Other Res. Care Fac.	12.0%	26.0%	34.1%	20.6%	7.3%	100%	640
Druggists' Goods Merch. Whole.	9.7%	19.9%	27.1%	34.6%	8.6%	100%	603
Health Care	9.3%	20.5%	30.5%	32.7%	7.1%	100%	140,484
All Industries	10.0%	21.4%	26.2%	29.5%	12.9%	100%	558,394

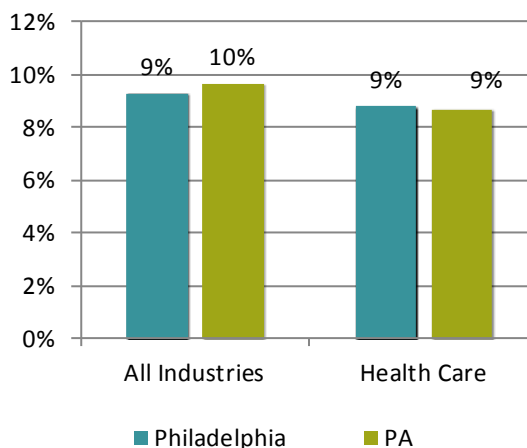
Source: Philadelphia Works Analysis of Quarterly Workforce Indicators data.

Turnover in Health Care

- Turnover rates help us evaluate the churning in the labor force – average number of separations and hires for the industry group. The rate shows what percentage of the labor force is new.
- Turnover rates in Health Care in Philadelphia (9 percent) were similar to Pennsylvania.
- Among industries making up the cluster, Specialty (except Psychiatric and Substance Abuse) Hospitals and Individual and Family Services had turnover rates above the average in the industry cluster. Insurance Carriers; Offices of Physicians; and General Medical and Surgical Hospitals had the lowest turnover rates in the cluster.

TURNOVER RATES IN HEALTH CARE PHILADELPHIA IN 2012Q3 (FOUR QUARTER MOVING AVERAGE)

Industry/Turnover Rate	Turnover
Individual & Family Svc	17.4%
Other Hosp.	15.1%
Other Res. Care Fac.	12.6%
Psych. & Subs. Abuse Hosp.	11.1%
Offices of Other Health Pract.	10.2%
Home Health Care Svc	10.1%
All Industries	9.3%
Health Care	8.8%
Emergency & Other Relief Svc	8.5%
Other Amb. Health Care Svc	8.1%
Nursing Care Fac.	8.0%
Offices of Dentists	7.9%
Comm. Care Fac. for the Elderly	7.5%
Outpatient Care Centers	7.5%
Res. Mental Health Fac.	7.3%
General Medical & Surg. Hosp.	6.2%
Offices of Physicians	5.8%
Insurance Carriers	5.6%
Druggists' Goods Merch. Whls.	5.0%



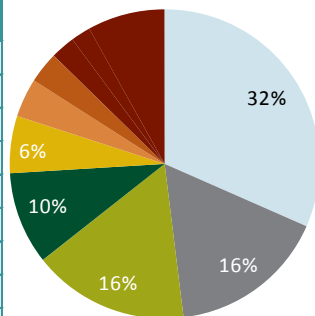
Source: Philadelphia Works Analysis of Quarterly Workforce Indicators data.

Occupation Highlights

- Staffing patterns analysis was used to identify occupations that are needed in the industry. Healthcare Practitioners; Healthcare Support; Office and Administrative Support; and Community and Social Services Occupations are occupational families most important to the cluster. These families accounted for 74 percent of all workers.
- 57 percent of jobs in Health Care required some type of postsecondary credential, with 24 of them requiring a Bachelor’s degree or above. 30 percent of jobs required only short-term on-the-job training.

TOP OCCUPATIONAL FAMILIES IN HEALTH CARE INDUSTRY CLUSTER

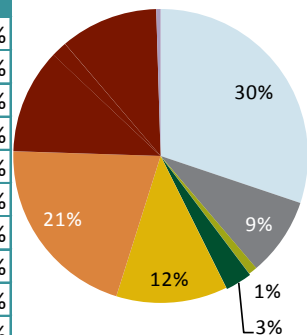
Occupational Family	Jobs 2007	Jobs 2013	Change %	% of 2013 Jobs
Healthcare pract.	43,425	46,284	7%	32%
Healthcare support	20,722	24,107	16%	16%
Office and admin. support	22,861	23,894	5%	16%
Community and soc. services	12,203	14,175	16%	10%
Personal care and service	5,702	8,765	54%	6%
Management	5,691	5,948	5%	4%
Business and financial operations	4,652	4,770	3%	3%
Food preparation	3,499	3,710	6%	3%
Building and grounds cleaning and maint.	2,916	3,008	3%	2%
Unidentified + Other	10,539	11,850	12%	8%
Total	132,210	146,511	11%	100%



Source: Philadelphia Works analysis of the QCEW Employees & Non-QCEW Employees - EMSI 2013.4 Class of Worker data

EDUCATION REQUIRED OF WORKERS IN HEALTH CARE INDUSTRY CLUSTER

Skill	Jobs 2007	Jobs 2013	Change %	% of 2013 Jobs
Short-term on-the-job training	37,153	44,211	19%	30%
Moderate-term on-the-job training	11,719	12,615	8%	9%
Long-term on-the-job training	1,421	1,401	-1%	1%
Work experience in a related occupation	4,016	4,284	7%	3%
Postsecondary non-degree award	17,129	17,865	4%	12%
Associate's degree	28,031	30,255	8%	21%
Bachelor's degree	15,560	16,907	9%	12%
Bachelor's or higher degree, plus work experience	2,502	2,538	1%	2%
Master's degree +	13,971	15,729	13%	11%
Unidentified	708	706	n/a	0%
Total	132,210	146,511	11%	100%



Source: Philadelphia Works analysis of the QCEW Employees & Non-QCEW Employees - EMSI 2013.4 Class of Worker data

Top occupations in the cluster are shown in the tables below. Highlighted occupations are Philadelphia 2013 High Priority Occupations important to the Health Care industry cluster. Wage data are not industry specific and describe all workers in the occupation.

TOP OCCUPATIONS IN HEALTH CARE

SOC	Occupation	Jobs 2013	% Change from 2007	Entry-Level Earnings	Median Hourly Earnings	% of the Total Jobs in Cluster
Limited Skills Required						
31-1011	Home Health Aides	7,297	50%	\$7.44	\$9.48	5.0%
39-9021	Personal Care Aides	6,279	77%	\$8.16	\$10.44	4.3%
43-9061	Office Clerks, General	3,258	8%	\$8.72	\$14.76	2.2%
43-4171	Receptionists and Information Clerks	3,041	11%	\$9.48	\$14.34	2.1%
21-1093	Social and Human Service Assistants	2,964	18%	\$9.45	\$12.98	2.0%
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	2,379	0%	\$10.32	\$16.61	1.6%
43-3021	Billing and Posting Clerks	2,058	4%	\$12.60	\$17.12	1.4%
43-4051	Customer Service Representatives	2,045	2%	\$11.28	\$17.30	1.4%
37-2012	Maids and Housekeeping Cleaners	1,635	1%	\$9.51	\$12.25	1.1%
35-3041	Food Servers, Nonrestaurant	1,157	7%	\$8.67	\$10.70	0.8%
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1,116	6%	\$9.18	\$13.78	0.8%
43-4111	Interviewers, Except Eligibility and Loan	900	1%	\$11.56	\$16.14	0.6%
35-2012	Cooks, Institution and Cafeteria	895	8%	\$9.42	\$14.08	0.6%
35-2021	Food Preparation Workers	685	0%	\$8.88	\$11.88	0.5%
39-9011	Childcare Workers	641	11%	\$8.25	\$10.39	0.4%
31-9097	Phlebotomists	550	4%	\$10.83	\$14.38	0.4%
33-9032	Security Guards	550	3%	\$8.40	\$11.17	0.4%
39-9041	Residential Advisors	510	10%	\$9.76	\$13.45	0.3%
31-1013	Psychiatric Aides	430	3%	\$12.14	\$15.69	0.3%
43-5081	Stock Clerks and Order Fillers	382	0%	\$7.70	\$10.10	0.3%
Some Training or Experience						
31-9092	Medical Assistants	2,717	5%	\$12.54	\$16.27	1.9%
43-6013	Medical Secretaries	2,510	12%	\$12.79	\$17.13	1.7%
43-1011	First-Line Supervisors of Office and Administrative Support Workers	1,636	5%	\$16.73	\$27.43	1.1%
43-3031	Bookkeeping, Accounting, and Auditing Clerks	1,049	7%	\$12.41	\$19.49	0.7%
41-3021	Insurance Sales Agents	1,039	15%	\$17.22	\$35.03	0.7%
49-9071	Maintenance and Repair Workers, General	955	6%	\$11.66	\$17.56	0.7%
43-6011	Executive Secretaries and Executive Administrative Assistants	772	2%	\$18.41	\$25.27	0.5%
43-9041	Insurance Claims and Policy Processing Clerks	706	(3%)	\$15.33	\$21.86	0.5%
29-2052	Pharmacy Technicians	553	3%	\$9.01	\$14.88	0.4%
43-3011	Bill and Account Collectors	489	2%	\$11.23	\$16.64	0.3%
31-2022	Physical Therapist Aides	472	29%	\$8.85	\$13.90	0.3%
13-1031	Claims Adjusters, Examiners, and Investigators	451	(1%)	\$21.73	\$33.70	0.3%

TOP OCCUPATIONS IN HEALTH CARE, CONTINUED

SOC	Occupation	Jobs 2013	% Change from 2007	Entry-Level Earnings	Median Hourly Earnings	% of the Total Jobs in Cluster
Some College or Associate's						
29-1141	Registered Nurses	21,396	8%	\$25.72	\$36.32	14.6%
31-1014	Nursing Assistants	9,212	5%	\$11.11	\$14.69	6.3%
29-2061	Licensed Practical and Licensed Vocational Nurses	3,594	4%	\$18.74	\$25.11	2.5%
29-2034	Radiologic Technologists	1,473	6%	\$19.76	\$28.88	1.0%
29-2012	Medical and Clinical Laboratory Technicians	1,433	(1%)	\$12.85	\$17.90	1.0%
29-1126	Respiratory Therapists	1,256	13%	\$23.79	\$30.79	0.9%
29-2071	Medical Records and Health Information Technicians	1,113	3%	\$12.49	\$16.47	0.8%
31-9091	Dental Assistants	1,017	9%	\$10.80	\$17.33	0.7%
29-2041	Emergency Medical Technicians and Paramedics	915	4%	\$13.59	\$19.93	0.6%
29-1171	Nurse Practitioners	592	10%	\$20.57	\$42.60	0.4%
29-2021	Dental Hygienists	580	13%	\$23.76	\$34.82	0.4%
31-2021	Physical Therapist Assistants	551	24%	\$13.99	\$21.50	0.4%
29-2032	Diagnostic Medical Sonographers	500	13%	\$20.20	\$27.26	0.3%
29-2031	Cardiovascular Technologists and Technicians	435	7%	\$17.07	\$27.99	0.3%
31-9094	Medical Transcriptionists	423	(7%)	\$13.66	\$18.50	0.3%
29-2055	Surgical Technologists	369	1%	\$16.04	\$21.17	0.3%
15-1151	Computer User Support Specialists	359	11%	\$13.64	\$19.76	0.2%
31-1015	Orderlies	347	(1%)	\$13.23	\$16.03	0.2%
29-2099	Health Technologists and Technicians, All Other	310	0%	\$16.68	\$24.19	0.2%
29-1124	Radiation Therapists	263	9%	\$27.51	\$39.06	0.2%
29-1151	Nurse Anesthetists	246	10%	\$60.92	\$78.05	0.2%
31-2011	Occupational Therapy Assistants	216	26%	\$14.74	\$20.53	0.1%
Bachelor's or Higher						
21-1014	Mental Health Counselors	2,496	20%	\$12.06	\$19.28	1.7%
11-9111	Medical and Health Services Managers	2,236	6%	\$27.44	\$44.67	1.5%
21-1011	Substance Abuse and Behavioral Disorder Counselors	1,851	23%	\$11.65	\$18.27	1.3%
21-1021	Child, Family, and School Social Workers	1,836	2%	\$14.53	\$19.88	1.3%
29-1069	Physicians and Surgeons, All Other	1,599	3%	\$27.37	\$86.67	1.1%
21-1023	Mental Health and Substance Abuse Social Workers	1,419	18%	\$14.76	\$18.78	1.0%
29-1123	Physical Therapists	1,317	19%	\$27.24	\$38.82	0.9%
21-1022	Healthcare Social Workers	1,246	19%	\$17.74	\$26.05	0.9%
29-2011	Medical and Clinical Laboratory Technologists	1,196	(2%)	\$17.99	\$28.96	0.8%
29-1062	Family and General Practitioners	1,050	3%	\$28.84	\$79.87	0.7%
11-1021	General and Operations Managers	924	1%	\$28.37	\$56.04	0.6%
11-9151	Social and Community Service Managers	908	9%	\$20.62	\$30.97	0.6%
13-2011	Accountants and Auditors	848	3%	\$21.15	\$34.46	0.6%
29-1122	Occupational Therapists	826	20%	\$25.87	\$36.41	0.6%
29-1051	Pharmacists	782	4%	\$41.41	\$55.59	0.5%

TOP OCCUPATIONS IN HEALTH CARE, CONTINUED

SOC	Occupation	Jobs 2013	% Change from 2007	Entry-Level Earnings	Median Hourly Earnings	% of the Total Jobs in Cluster
Bachelor's or Higher						
21-1015	Rehabilitation Counselors	703	30%	\$11.63	\$18.25	0.5%
39-9032	Recreation Workers	621	20%	\$9.21	\$13.54	0.4%
29-1071	Physician Assistants	568	5%	\$19.85	\$34.68	0.4%
13-1071	Human Resources Specialists	534	8%	\$18.34	\$29.86	0.4%
15-1121	Computer Systems Analysts	511	17%	\$25.40	\$41.04	0.3%
19-3031	Clinical, Counseling, and School Psychologists	470	10%	\$21.05	\$35.95	0.3%
21-1091	Health Educators	446	10%	\$17.02	\$28.12	0.3%

Source: Philadelphia Works analysis of the QCEW Employees & Non-QCEW Employees - EMSI 2013.4 Class of Worker data

Notes on Data

We followed industry cluster definitions proposed by the Center for Workforce Information & Analysis. Some industries that have a low number of jobs in Philadelphia County were excluded from the analysis and PA industry clusters were formed in the same way to make comparisons possible.

All the wage, employment, and staffing patterns data in this report come from the EMSI 2013.4 Class of Worker Data. EMSI industry data have various sources including the QCEW (Quarterly Census of Employment and Wages), with supplemental estimates from County Business Patterns and Current Employment Statistics. Non-QCEW employee data are based on a number of sources including QCEW, Current Employment Statistics, County Business Patterns, BEA State and Local Personal Income reports, the National Industry-Occupation Employment Matrix (NIOEM), the American Community Survey, and Railroad Retirement Board statistics.

Philadelphia Works worked with the Quarterly Workforce Indicators data available through the U.S. Census and defined the industry clusters at the four-digit NAICS code level. An industry group was assigned to a cluster if most of the employment fell in that cluster. Because the data are cyclical, the quarterly data were smoothed using a simple moving average. This report shows the data for the third quarter of 2012 plus three previous quarters.

The PA Employer Database available through the Center for Workforce Information & Analysis was used to report on the employers by size.