

NACHC Research *Telling the Health Center Story* Gracy Trinoskey-Rice Policy Research Analyst <u>gtrinoskeyrice@nachc.org</u> <u>research@nachc.org</u>

AAPA-PAEA Research Seminar 8.12.22



AGENDA



About NACHC and the Health Center Movement



Health Center Services & Impact



NACHC Research and Data Sources





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Workforce and Education Initiatives







About the Health Center Movement

How did it all begin?

- The community health center movement was born in the 1960s out of the struggle for equality and economic & social justice.
- Health centers were created by determined community health and civil rights activists fighting to improve the lives of Americans facing segregation and poverty without access to health care.
- The first health clinics, known as 'Neighborhood Health Centers' were founded in the rural Mississippi Delta and an urban public housing project in Boston.
- The Community Health Center Program was officially launched in 1965, funded by President Lyndon B. Johnson's Office of Economic Opportunity as part of his War on Poverty initiatives.



Dr. H. Jack Geiger (left) and Dr. John W. Hatch (right) during construction of the Delta Health Center



Columbia Point Health Center in the Dorchester neighborhood of Boston





THE NACHC MISSION

America's Voice for Community Health Care

The National Association of Community Health Centers (NACHC) was founded in 1971 to promote efficient, high quality, comprehensive health care that is accessible, culturally and linguistically competent, community directed, and patient centered for all.





About NACHC

What we do:

- Serve as the leading <u>national advocacy</u> organization in support of community-based health centers and the expansion of health care access for medically underserved and uninsured patients.
- Conduct <u>research and analysis</u> that informs both the public and private sectors about the work of health centers, their value to the American health care system and the overall health of the nation's people and communities – both in terms of costs and health care outcomes.
- Provide <u>training, leadership development and technical assistance</u> to health center staff and boards to support and strengthen health center operations and governance.
- Develop <u>alliances and partnerships</u> with the public and private sectors to build stronger and healthier communities and bring greater resources to and investment in community health centers.
- Work closely with state Primary Care Associations and Health Center Controlled Networks to fulfill our shared mission and support the growth and development of health center programs.





NACHC Strategic Pillars







Health Center Model of Care:

Community governance: a majority (at least 51%) of the board are health center patients

Located in federally-designated medically underserved areas

Non-profit and open to all patients regardless of insurance status or ability to pay

Comprehensive health services

- Care team, care integration, community partners
- "Enabling" and social services

Community needs assessments

Strict performance/accountability standards

• Quality Improvement/Assurance Plans





Health Center Funding

- The Health Center Program is funded through Section 330 of the Public Health Service Act
- Federal statue grants program authority to the Bureau of Primary Health Care (BPHC) within the Health Resources and Services Administration (HRSA), U.S. Department of Health and Human Services
- Federal health center appropriations totaled \$5.7B in FY21





Health Center Services and Impact

In 2021, for the first time in a single year, health centers served over

30 million patients

Over 1,400 Community Health Centers and Look-alike organizations provided care at more than 14,000 locations across the country in 2021.

1 in 11 Americans are health center patients, of whom:

















HEALTH CENTERS DRIVE ECONOMIC GROWTH













HEALTH CENTERS ARE PLAYING A PIVOTAL ROLE IN FIGHTING THE COVID-19 PANDEMIC BY ENSURING EQUAL ACCESS TO PREVENTION AND TREATMENT

To date, health centers have administered...

22.2 million vaccines

72% of which have gone to 61% of which have gone to patients of racial/ethnic minority backgrounds

20 million tests

patients of racial/ethnic minority backgrounds

... and distributed:

7.2 million N95 masks 7.9 million

at-home test

kits

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NATIONAL ASSOCIATION OF ommunity Health Centers

Health centers serve a disproportionate number of patients who are low-income and/or uninsured:





Note: FPL = federal poverty level. * Medicaid alone and not in combination with other insurance. Sources: (1) 2019 Uniform Data System, Bureau of Primary Health Care, HRSA, DHHS. (2) U.S. Census Bureau, 2019 American Community Survey 1-Year Estimates, Tables S1701, S2704, S2701



A majority of health center patients are of racial and/or ethnic minority backgrounds:





Notes: Figures may not add to 100% due to rounding and patients of Hispanic ethnicity can identify with any racial category. Based on known race and/or ethnicity.

Sources: (1) 2020 Uniform Data System, Bureau of Primary Health Care, HRSA, DHHS. Note: National racial/ethnic minority estimate calculated using the Reference Guide for UDS Data Reports Available to Health Centers, CY 2019, Bureau of Primary Health Care, HRSA, DHHS. (2) U.S. Census Bureau, 2020 ACS 1-Year Experimental Data Table



Health Center Patients are Growing Increasingly Complex, with Higher Rates of Chronic Conditions than in Previous Years Percent Growth in Health Center Patients Diagnosed with Selected Chronic Conditions, 2013 - 2017





* COPD = chronic obstructive pulmonary disease ** Excludes tobacco and alcohol use disorders

Source: National Association of Community Health Centers. Health Centers are Providing Care to Growing Numbers of Patients with Complex Needs. May 2019. Available from http://www.nachc.org/research-and-data/research-fact-sheets-and-infographics/



Health Center Patients Suffer from Chronic Conditions at Higher Rates than the General Population



or Poor



* Other than during pregnancy. Note: Includes only adult population ages 18 and older. Sources: (1) 2014 Health Center Patient Survey. Bureau of Primary Health Care, HRSA, DHHS. (2) Kaiser Family Foundation. Health Status Indicators. 2015. Note: Used for High Cholesterol, Hypertension, Diabetes, and Self-Reported Health Status. Centers for Disease Control and Prevention. (3) Behavioral Risk Factor Surveillance System. BRFSS Prevalence Trends and Data. 2016. Note: Used for Asthma; estimate is the median crude prevalence rate for all U.S. States, Territories, and D.C.

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Health Centers Save 24% Per Medicaid Patient Compared to Other Providers



Note: Non-health centers include private physician offices and outpatient clinics. Source: Nocon et al. Health Care Use and Spending for Medicaid Enrollees in Federally Qualified Health Centers Versus Other Primary Care Settings. AJPH. November 2016. 106(11): 1981-1989.

Community Health Centers

Health Center Care Team Staff Provide a Broad Array of Services Total Care Team: 270,000 Full-Time Equivalent (FTE)





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Source: 2020 Uniform Data System. Bureau of Primary Health Care, HRSA, DHHS.

Enabling Services* are a Defining Characteristic of Health Centers and Help Improve Access to Care and Patient Satisfaction

Health Center Patients Who Used Enabling Services* Had:



1.9 more health center visits in the past year (on average)

A 12 percentage-point higher likelihood of getting a routine checkup



A 16 percentage-point higher likelihood of getting a flu shot





* The Health Resources and Services Administration (HRSA) defines enabling services as, "non-clinical services that do not include direct patient services that enable individuals to access health care and improve health outcomes." Examples of enabling services include case management, translation/interpretation, transportation, and health education. (HRSA Health Center Program Terms and Definitions, n.d.). Note: This figure compares health center patients who used enabling services to patients that did not use enabling services. Source: Yue et al. Enabling Services Improve Access to Care, Preventive Services, and Satisfaction Among Health Center Patients. Health Affairs 38(9). September 2019.



NACHC Research and Data

NACHC Research Priorities

1) Demonstrate health center value and impact 2) Inform federal and state policy agendas 3) Empower health centers to use data for health improvement and health equity 4) Inform health center system improvement efforts

Support NACHC and stakeholder research and data needs

COVID-19 and emergency preparedness: monitor emerging issues, collect reliable datasets, develop evidence-based policy recommendations, and track community response







UDS

UDS Mapper

Biweekly COVID-19 Survey

PRAPARE

Health Center Patient Survey

American Community Survey

Quarterly Surveys

Health Center Resource Clearinghouse





Uniform Data System (HRSA)

data.HRSA.gov

Search

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Expanded Summaries of 2021 UDS Data Tables

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The UDS includes tables that provide consistent demographic, clinical, operational, and financial data. View national aggregated summaries of UDS health center awardee data. For more detailed descriptions of UDS tables, visit the UDS Resources page to access UDS manuals and other reporting documentation.

- View Full 2021 National Report
- Table 3A: Patients by Age and by Sex Assigned at Birth
- Table 3B: Demographic Characteristics
- Table 4: Selected Patient Characteristics
- Table 5: Staffing and Utilization
- Table 5: Selected Service Detail Addendum
- Table 6A: Selected Diagnoses and Services Rendered
- Table 6B: Quality of Care Measures

Go to the HRSA Electronic Reading Room to download publicly available UDS data. Visit the Data Downloads page to download a list of federally-funded Health Center Service Delivery and Look–Alike Sites that provide health services.





Table 5: Staffing and Utilization

Line	Personnel by Major Service Category	FTEs (a)	Clinic Visits (b)	Virtual Visits (b2)	Patients (c)
1.	Family Physicians	6,860.19	14,548,632	3,894,058	
2.	General Practitioners	531.45	1,179,302	296,544	
3.	Internists	2,178.04	4,445,383	1,528,427	
4.	Obstetrician/Gynecologists	1,362.03	3,276,777	285,012	
5.	Pediatricians	3,215.50	7,770,964	1,458,934	
7.	Other Specialty Physicians	710.79	1,990,874	181,263	
8.	Total Physicians (Lines 1–7)	14,858.00	33,211,932	7,644,238	
9a.	Nurse Practitioners	11,701.75	23,295,713	5,138,018	
9b.	Physician Assistants	3,621.67	7,952,634	2,022,648	
10.	Certified Nurse Midwives	810.38	1,310,407	157,322	
10a.	Total NPs, PAs, and CNMs (Lines 9a–10)	16,133.80	32,558,754	7,317,988	



Table 7: Health Outcomes and Disparities

Section C: Diabetes: Hemoglobin A1c Poor Control

Line	Race and Ethnicity	Total Patients 18 through 74 Years of Age with Diabetes (3a)	Number Charts Sampled or EHR Total (3b)	Patients with HbA1c > 9% or No Test During Year (3f)	Estimated % Patients with HbA1c > 9%			
Hispan	Hispanic or Latino/a							
1a.	Asian - Hispanic or Latino/a	2,045	2,034	636	31.27%			
1b1.	Native Hawaiian - Hispanic or Latino/a	926	921	349	37.89%			
1b2.	Other Pacific Islander - Hispanic or Latino/a	4,190	4,150	1,439	34.64%			
1c.	Black/African American - Hispanic or Latino/a	22,705	21,663	7,216	33.21%			
1d.	American Indian/Alaska Native - Hispanic or Latino/a	11,829	10,969	4,027	36.75%			
1e.	White - Hispanic or Latino/a	676,522	668,380	230,402	34.37%			
1f.	More than One Race - Hispanic or Latino/a	37,841	36,548	12,779	34.80%			
1g.	Unreported/Refused to Report Race - Hispanic or Latino/a	266,472	263,679	90,896	34.42%			
	Subtotal Hispanic or Latino/a	1,022,530	1,008,344	347,744	34.41%			
Non-Hispanic or Latino/a								





Table 9D: Patient-Related Revenue

		Charges			Collections			
Line	Payer Category	Full Charges This Period (a) \$	% of Payer	% of Total	Amount Collected This Period (b) \$	% of Payer	% of Total	% of Charges
1.	Medicaid Non-Managed Care	\$6,977,983,435	36.42%	17.54%	\$5,633,918,550	36.06%	22.23%	80.74%
2a.	Medicaid Managed Care (capitated)	\$4,234,587,609	22.10%	10.64%	\$3,899,448,476	24.96%	15.39%	92.09%
2b.	Medicaid Managed Care (fee-for- service)	\$7,944,705,578	41.47%	19.97%	\$6,089,271,372	38.98%	24.03%	76.65%
3.	Total Medicaid (Sum of Lines 1 + 2a + 2b)	\$19,157,276,622	100.00%	48.14%	\$15,622,638,398	100.00%	61.64%	81.55%
4.	Medicare Non-Managed Care	\$4,280,681,628	76.49%	10.76%	\$2,519,814,430	76.75%	9.94%	58.86%
5a.	Medicare Managed Care (capitated)	\$285,703,886	5.10%	0.72%	\$224,130,025	6.83%	0.88%	78.45%
5b.	Medicare Managed Care (fee-for- service)	\$1,030,196,472	18.41%	2.59%	\$539,298,649	16.43%	2.13%	52.35%
6.	Total Medicare (Sum of Lines 4 + 5a + 5b)	\$5,596,581,986	100.00%	14.06%	\$3,283,243,104	100.00%	12.95%	58.67%



Interactive Tools: UDS Mapper







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UDS-based Publications:



To access these and other resources, such as our congressional district maps, state fact sheets, and key data by state, go to: nachc.org/research-and-data/





NACHC health center surveys:

Brief (<10 questions) quarterly surveys to gather information on emerging issues

Recently, our surveys have investigated...



Workforce Attrition During the COVID-19 Pandemic

Impact of Savings from the 340B Drug Pricing Discount Program



Telehealth Implementation During the COVID-19 Pandemic



Benefits of Pandemic-Era Medicaid Flexibilities for Health Centers



AGENDA



About NACHC and the Health Center Movement



Health Center Services & Impact



NACHC Research and Data Sources





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Workforce and Education Initiatives









Current State of the Health Center Workforce

Pandemic Challenges and Policy Solutions to Strengthen the Workforce of the Future

Growth in Health Center Clinical Staff, 2010 – 2020 (Full-Time Equivalent)





Notes: NP, PA, CNM stand for Nurse Practitioners, Physician Assistants, Certified Nurse Midwives, respectively. Behavioral health staff includes mental health and substance abuse staff. Source: 2010 & 2020 Uniform Data System, Bureau of Primary Health Care, HRSA, DHHS





NATIONAL ASSOCIATION OF Community Health Centers® * Total Care Team is shown in Figure 5-2. Notes: NP/PA/CNM stands for Nurse Practitioners, Physician Assistants, and Certified Nurse Midwives. Other Medical Personnel include, but are not limited to, medical assistants, nurses' aides, laboratory personnel and X-Ray personnel. Percentages may not add to 100% due to rounding. Source: 2020 Uniform Data System. Bureau of Primary Health Care, HRSA, DHHS.



Health Centers are Hiring Non-Physician Providers at Higher Rates than Physicians



NATIONAL ASSOCIATION OF Community Health Centers®

Notes: NP, PA, and CNM stand for Nurse Practitioner, Physician Assistant, and Certified Nurse Midwife, respectively. Source: 2010 - 2020 Uniform Data System. Bureau of Primary Health Care, HRSA, DHHS. @NACHC **fin 9**0

than physicians.
U.S. Faces Crisis of Burned-Out Health Care Workers

Hospital leaders are sounding the alarm as health systems face an exodus of exhausted and demoralized doctors, nurses and other front-line workers.

By David Levine Nov. 15, 2021





A physicians assistant cares for a patient in a COVID Unit at UMass Memorial Medical Center, Dec. 10, 2020, in Worcester, Mass.

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2022 TRENDS-REPORT

Burnout and stress are everywhere

Burnout and stress are at all-time highs across professions, and among already strained health care workers, they are exacerbated by the politicization of mask-wearing and other unrelenting stressors

Perspective

Confronting Health Worker Burnout and Well-Being

Vivek H. Murthy, M.D., M.B.A.

INSIGHTS

Medical burnout: Breaking bad

As the threat of COVID-19 wanes, health care workers are burned out and suffering. Here's what one surgeon thinks should be done.







By Dharam Kaushik, MD June 4, 2021

68% of health centers report losing **5-25%** of their workforce in the last 6 months

Results include responses from **263** of 1375 Federally Qualified Health Centers **(19%)**.

Respondents accurately reflect demographic and population characteristics of the overall health center population: What percent of your workforce do you estimate has separated from your health center in the last 6 months?



For these and other materials, go to <u>https://www.nachc.org/research-and-data/research-fact-sheets-and-infographics/</u>





Nurses represent the highest ranked category of workforce loss

This is followed by Administrative Staff, Behavioral Health Staff, Dental Staff, and more



For these and other materials, go to https://www.nachc.org/research-and-data/research-fact-sheets-and-infographics/



Competition from other employers and pandemic stress are the most common reasons for staff departure



For these and other materials, go to https://www.nachc.org/research-and-data/research-fact-sheets-and-infographics/



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What federal and/or state policies would be helpful in increasing employee recruitment and retention?

97%	Additional federal funding to health centers so they can provide salaries commensurate with that of competing employers.
60%	Recognizing additional billable providers to expand medical services provided.
59%	Promote health care workers' wellbeing through investment in wellness programs and interventions.
46%	More generous loan repayment terms (within National Health Service Corps).
43%	Improvements to the Public Service Loan Forgiveness Program.
38%	Implement value-based care that promotes integrated care teams.
38%	Redesign graduate medical education to support training primary care clinicians, expand the distribution of training sites to better meet needs of underserved communities, and modify funding to support training of all members of inter-professional primary care team.
36%	Relaxed state scope of practice laws and regulations enabling allied health providers to perform more procedures (NPs, PAs, CNM, dental hygienists, etc).
0%	None of these.





Workforce Education and Development

What is NACHC doing to address the shortage of primary care providers?

Workforce Initiatives

Innovative Programs

National Health Service Corps

- Loan Repayment Program
- Scholarship Program

Education Health Center Initiative

• Supports health centers developing Graduate Medical Education programs

Central Coast Physician Assistant Program (CCPAP) master's degree

- PA training program developed by NACHC, CHC-U, and ATSU
- Hometown Scholars Program
 - Trains PAs at health centers in their hometowns





Workforce Initiatives

Proposed Legislation

Momnibus 2.0 - Underserved Maternity Care Workforce Initiative

- Addresses difficulty among PA trainees to secure clinical rotations in obstetrics/gynecology/women's health post-COVID-19
- Based on the Ohio Primary Care Workforce Initiative, designed by OACHC, which reimburses FQHCs for the cost of training PAs in an integrated care model
 - Successfully retained 600 participants as providers in Ohio health centers





Workforce Initiatives

Research

AAFP Medically Underserved Population Analysis

- Partnership between NACHC and the Robert Graham Center/HealthLandscape
- Geospatial analysis to identify medically underserved populations currently not reached by health centers
- National and state maps and tables showing status by zip code/county
- Includes PAs practicing primary care
- Anticipated release October 2022

Estimated Percent of County Residents Experiencing Shortages of Primary Care Providers



As of 2013, 62 million people experience inadequate or no access to primary care because of shortages of providers in their communities.



Sources: Created by The Robert Graham Center (2014). U.S. Census 2010; HRSA Data Warehouse 2014 HPSA and MUA/P shapefiles; AMA Masterfile 2013; UDS Mapper 2014. The Medically Disenfranchised and the Shortage of Primary Care: The Role of Health Centers in Improving Access to Care. NACHC. March 2014. Retrieved from: http://www.nachc.org/wp-content/uploads/2015/11/MDFS.pdf



Future Directions

- Medically Disenfranchised Populations geographical analysis by AAFP
- Health Center Service Expansion HRSA
- Economic Impact Analysis
- Long COVID-19 monitoring and treatment NCRN
- Health center research capacity
- UDS+ \rightarrow measuring social drivers of health to improve health equity

For research collaboration opportunities, please contact <u>research@nachc.org</u>



Hyatt Regency Chicago August 28-30, 2022 Committee Meetings: August 26-27, 2022



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QUESTIONS?







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