

SPNS

Special Projects of National Significance of the Health Resources and Services Administration, HIV/AIDS Bureau

Who We Are and What We Do

We don't just know today's toughest health challenges; we've helped create the innovative IT solutions to address them.

SPNS has supported and spearheaded efforts focused on

- + **building** health IT capacity and infrastructure
- + **developing** standardized client-level data systems
- + **improving** bidirectional data exchange
- + **launching** regional, statewide, and hospital-wide patient portals
- + **promoting** meaningful use and standards of care
- + **researching** new IT innovations and integrations
- + **enhancing** health information technology (HIT) systems across jurisdictions
- + **improving** data collection, monitoring, and tracking of health outcomes
- + **integrating** information across Program Parts and funding streams.

Case Study Examples

Enhanced Health Information Exchange (eHIE)

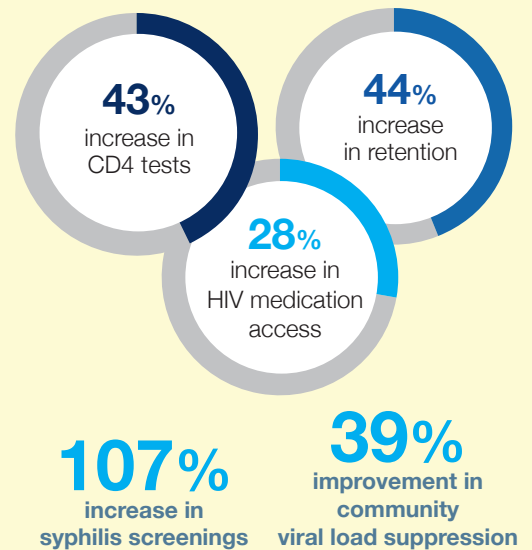


The New Jersey Department of Health, the City of Paterson,* and St. Joseph's Hospital have launched a novel approach to integrating data across Ryan White HIV/AIDS Program Parts A-D, representing the **groundbreaking, first-ever state-city and large medical provider-city partnerships to securely exchange health information.**

Through eCOMPAS, a truly interoperable platform utilizing a bi-directional encrypted health information exchange, the system is able to provide unduplicated, client-level data, performance measure indicator metrics, as well as proactive alerts and reminders, and cross-agency electronic referrals. This platform helps reduce duplication of efforts, streamlines information across systems and funding streams, and helps grantees focus limited resources on improving patient outcomes. Through the consolidation of care, treatment, and surveillance data into one platform, grantees can readily review client and trend data and see the difference they're making in people's lives and in communities across New Jersey.

This work was made possible thanks to the SPNS Health Information Technology (HIT) Capacity Building for Monitoring and Improving Health Outcomes along the HIV Care Continuum initiative and IT support from RDE Systems.

Improved Outcomes



Care Continuum Dashboard



The City of Paterson has two MyCareContinuum dashboard views—one at the regional level and one at the Ryan White HIV/AIDS Program level. The enhanced eCOMPAS HIT system fully integrates and utilizes relevant measures of HIV diagnosis, treatment, and treatment status to allow for more efficient collection, monitoring, and tracking of health outcomes of people living with HIV along the HIV Care Continuum. Drill-down capabilities facilitate enhanced analysis, planning, and decision-making to improve coordination of HIV actions leading to sustained viral load suppression.

Providers have the ability to review information at the client level as well as track trends and clinical indicators. Through proactive

regular push notifications, supervisors can be alerted to when clients are due for respective CD4 or viral load testing, provider visits, TB testing, and other measures. This work not only tracks clients and provides a critical snapshot of information aligned with federal priorities, it arms providers with the tools to focus limited resources on where they will do the most good, proactively engage the clients most in need, and move these clients along the care continuum towards improved health outcomes.

Patient Portals



The eCOMPAS continuity of care (CCR) patient portal is tethered to an electronic network system, thereby pre-populating important demographic, care coordination, laboratory, medication, and other critical information. Unlike an electronic medical record, a CCR isn't exhaustive. Instead, via secure Internet connection, it provides a "snapshot in time" of a client's critical information and allows clients—in addition to providers and case managers—to access this information.

Because a CCR pulls from existing electronic health records, it ensures information is accurate, timely, and does not require inputting of data into the system; as such, it avoids some of the pitfalls

that other forward-facing "patient portals" have encountered in the past. The patient portal allows low health-literate clients to access their care coordination information, helping to empower, engage, and retain them in their care.

This **award-winning, Blue Button compliant, patient portal work** is the first CCR designed for low health literacy clients and began at New York-Presbyterian Hospital through an Electronic Networks of Care SPNS initiative. It is now being replicated in New Jersey (including the City of Paterson), expanded across a regional health information organization (RHIO) in NYC, and informing a statewide patient portal development effort. To learn more about how the patient portal works, visit: www.ecompas.me

Correctional Health Database



NYC
HEALTH+
HOSPITALS

New York Health + Hospitals upgraded their transitional case management system at Rikers Island with improved data capture capabilities in order to better facilitate court advocacy, transparency and tracking of referrals, coordination of discharge planning, and improve linkage to and engage in care upon release. The eCOMPAS system has client information such as eligibility for services, criminal justice history, presenting issues, as well as anticipated discharge date and any case management and other referrals being made to clients upon release. This system enables providers to not only better plan and review information in advance but track connection to care rates of clients in the community and offer an opportunity to conduct follow-up if necessary.

Given the success of this system with transient correctional populations, its use is being researched in Puerto Rico to better track and deliver coordinated and consistent care to a different group of transient individuals: who regularly travel from NYC to Puerto Rico.

In 8 months:

27%

increase in data feeds

now

>2 million

data points.

Saving **10-15%**
in admin costs.



Meeting Federal Priorities



From East Coast to West Coast, from innovation to replication, **we study and share what works.**

SPNS-supported technologies align with HITECH and promote meaningful use in real, substantive, and long-lasting ways.

SPNS IT work Recognized by White House Office of National AIDS Policy

- SPNS "System-level Workforce Capacity Building for Integrating HIV Primary Care in Community Healthcare Settings" Initiative was named in a White House Office of National AIDS Policy fact sheet for its contributions towards achieving an AIDS-free generation.
- SPNS "Electronic Networks of Care" Initiative is named in a White House Office of National AIDS Policy report entitled *National HIV/AIDS Strategy, Improving Outcomes: Accelerating Progress Along the HIV Care Continuum*.

HITECH & MEANINGFUL USE

The Health Information Technology for Economic and Clinical Health (HITECH) Act promotes the adoption and meaningful use of health information technology. Meaningful use is using certified electronic health record technology to:

- improve quality, safety, efficiency, and reduce health disparities
- engage and empower patients
- improve care delivery transparency, and efficiency
- maintain privacy and security of patient health information
- and, ultimately, lead to improved public and patient health outcomes.

Source: HealthIT.gov. Meaningful Use Definition & Objectives. n.d. Available at: www.healthit.gov/providers-professionals/meaningful-use-definition-objectives

For more information about SPNS, visit hab.hrsa.gov/about/hab/partfspns.html and careacttarget.org/ihp. For more information about these case studies and other outcomes, contact info@e-compas.com.