

FROM NUMBERS TO KNOWLEDGE



VIRGINIA HEALTH  
INFORMATION

[www.vhi.org](http://www.vhi.org)

# VHI Annual Report and Update for the JCHC

October 18, 2023

# Agenda

1. Origins of VHI
2. What does VHI do?
3. Major initiatives over the past year
4. Priorities moving forward



# ...in 1993



## EXHIBIT C

### AMENDED AND RESTATED ARTICLES OF INCORPORATION OF VIRGINIA HEALTH INFORMATION

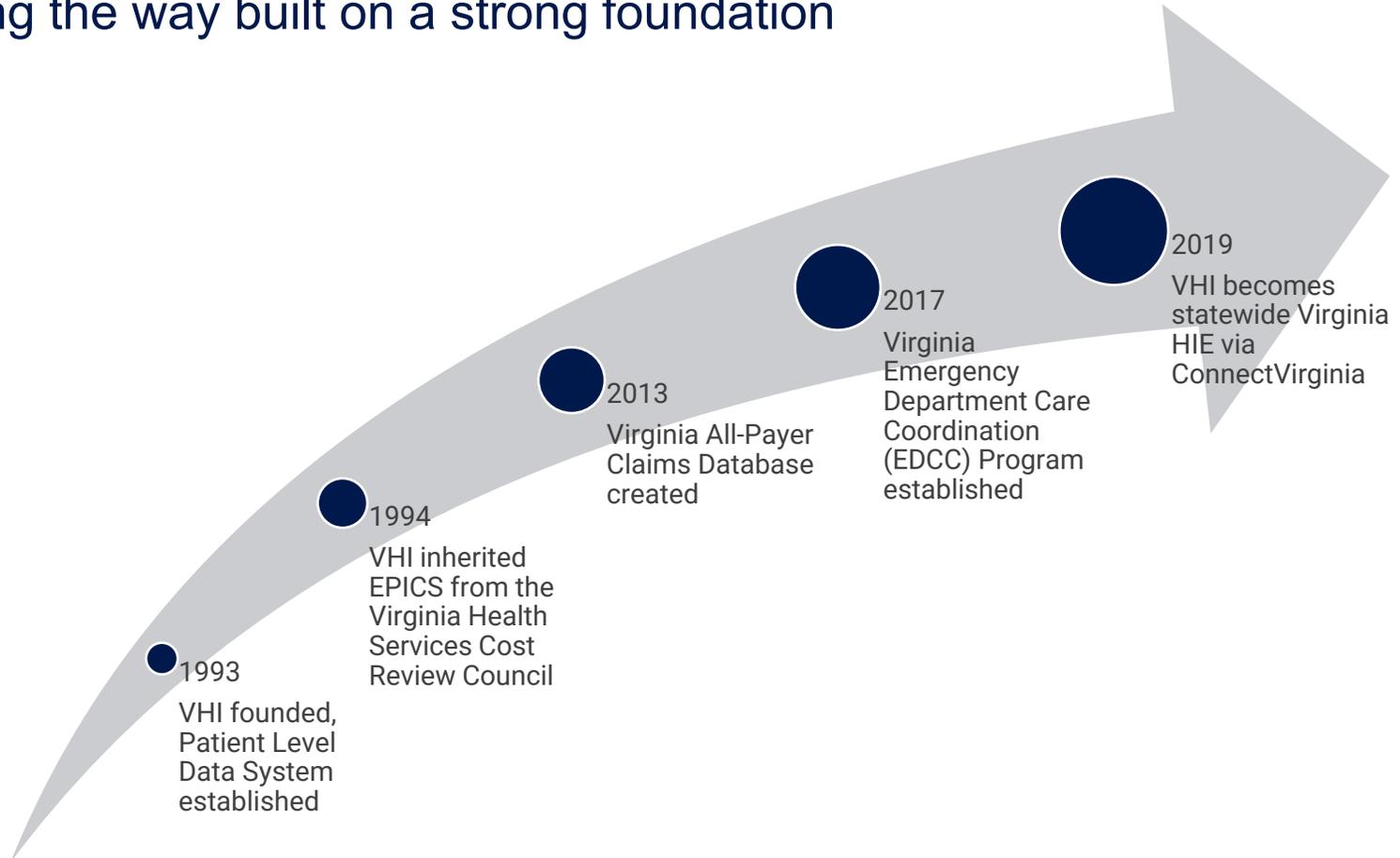
The undersigned, pursuant to Chapter 10 of Title 13.1 of the Code of Virginia, states as follows:

FIRST: The name of the Corporation is Virginia Health Information.

SECOND: The principal purpose of this corporation (which is organized and shall be operated exclusively for charitable, educational, and scientific purposes, including, for such purposes, the making of distributions to organizations that qualify as exempt organizations under Section 501(c)(3) of the Internal Revenue Code of 1986 (or the corresponding provisions of any future United States Internal Revenue law, hereinafter referred to as the "Code")) will be to create and maintain health care data bases and other related information to assist various individuals, agencies, and organizations throughout the Commonwealth of Virginia in the provision and purchase of high quality, cost effective health care by accumulating and making available a broad range of information on the provision of health care services. It shall have power to transact any business designed to accomplish such purpose and not prohibited by law or required to be stated in the articles of incorporation or the bylaws of the corporation. It shall have power to purchase and lease real and personal property, to execute and deliver any instrument, to sue and be sued, to contract, to borrow money, to incur and secure indebtedness, to hold, convey, lease, and otherwise dispose of real and personal property, and to do all such other acts and things as may be necessary or appropriate to carry out the purposes of this corporation.

# How VHI has Evolved

A few major highlights...There have been many other steps along the way built on a strong foundation



# Scope of Virginia's Data Resources Facilitated through VHI

Thousands  
of

- fulfilled data requests

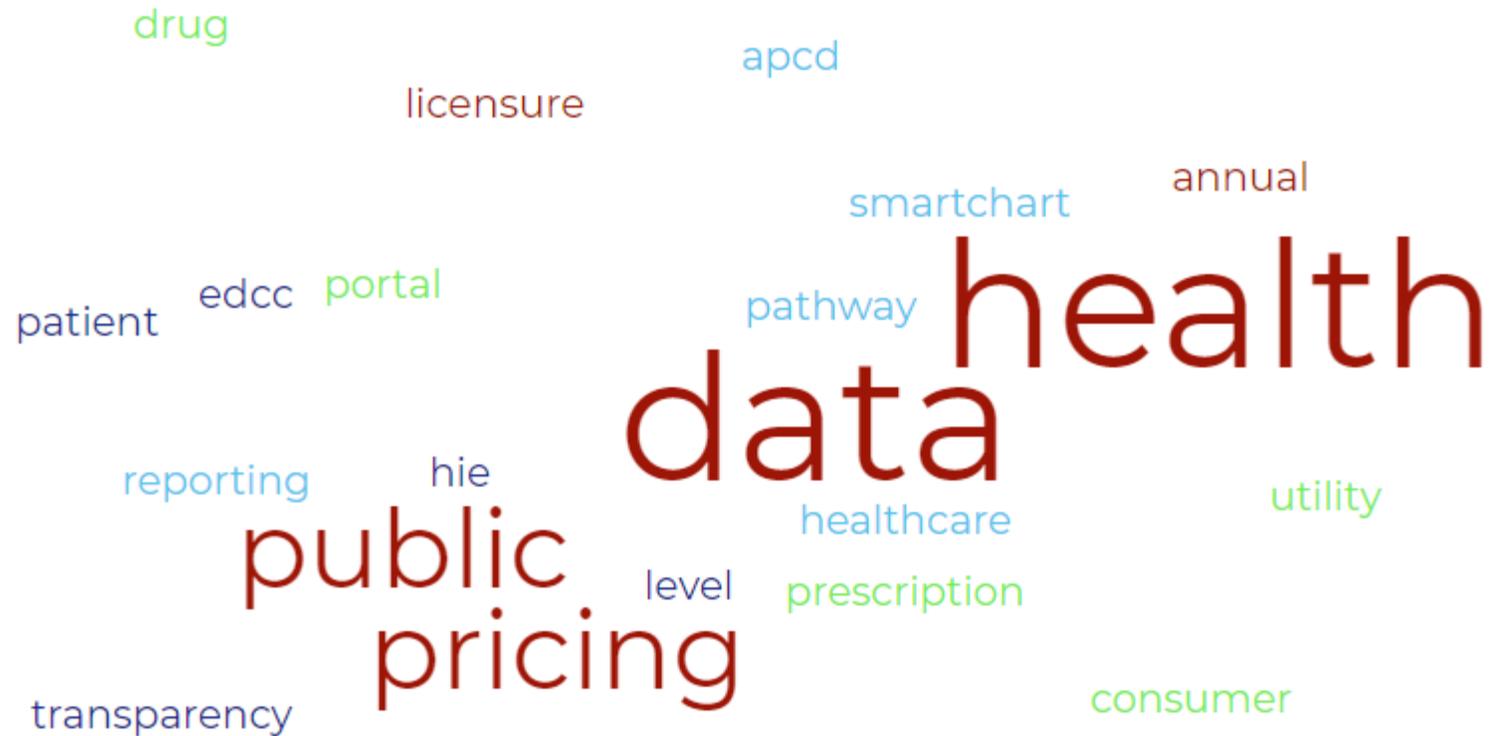
Millions of

- real time notifications

Billions of

- claims and hospitalization records used for analysis

# What does VHI do?



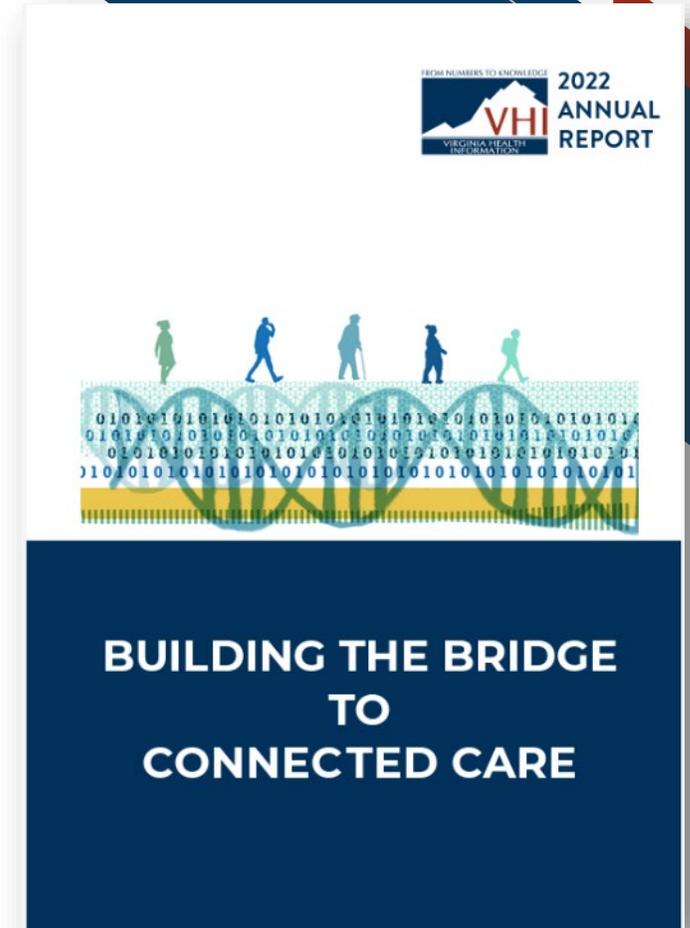
# What does VHI do? - CED



For all, support the entire process to make these things real including policy, regulations, procurement, operations

# How does VHI add Value?

- Deep **local knowledge** of data systems, relevant policy and key stakeholders
- Vendor and **partnership network**—VHI knows the right partners throughout the industry and can provide greater ease of procurement
- “Last mile service”—willing to service low/no margin, low revenue projects that are mission consistent. VHI’s model is **cost effective** with transparent financials
- Strong reputation of **unbiased** decision making—both political and industry specific



Annual Report

# Societal Benefit

- Local focus means more likely to **drive change faster**
- Serving as public-private intermediary **builds trust** which results in greater data sharing
- State partnership model can bring private innovation **without “losing” data rights**
- **Contracting efficiency** saves real dollars that can be reinvested in programs



# Board of Directors

VHI's governance structure is built to serve all healthcare stakeholders



# Highlights from the Past Year...



# Virginia Public Health Reporting Pathway (PHRP)

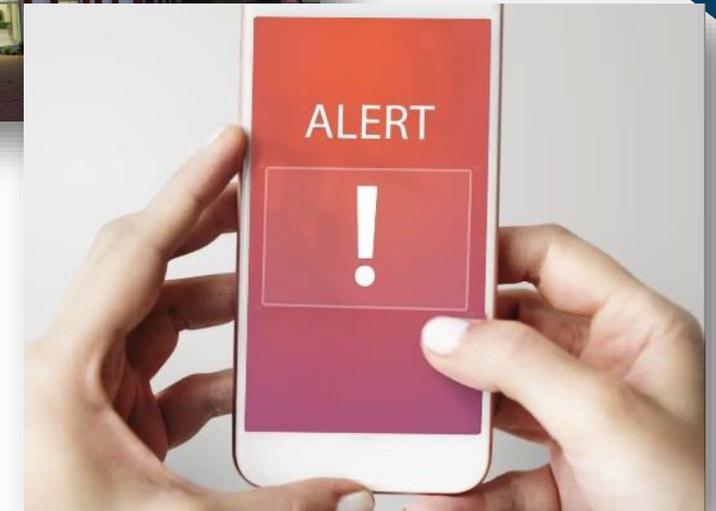
- 99.99% of public health data exchange for VA residents is supported by the PHRP, **backbone of the HIE**
- Entire network and system was changed over to more **secure, resilient infrastructure**
- The new system builds a strong foundation for **greater bi-directional delivery** of public health alerting and notification



*The PHRP is like broadband infrastructure for Virginia's public health data—and it got a serious upgrade in 2023*

# Emergency Department Care Coordination (EDCC) Program Connectivity

- Statewide **data sharing and alerting** system. All hospitals and health plans participate
- **Drives coordination** across hospitals, health plans and broader patient support teams
- System **usage correlated with decreased utilization** of the ED for 4<sup>th</sup> year in a row. Post-acute connectivity also skyrocketed in the past year to over 80%



*EDCC—think “severe weather alerts” but for patient care coordination*

# Prescription Drug Pricing Report

- While most prescription drugs have stable pricing from year to year, **some drugs experience large increases** or are only available at high prices
- Virginia wanted **more transparency** around how **prices** for these drugs change within the **supply chain**
- VHI and VDH partnered to collect key data from manufacturers, PBMs and health plans to create a **new annual transparency report to help inform policy**

**2021 Prescription Drug Price Transparency Report**

Top 25 Costliest Drugs
Top 25 Most Frequently Prescribed Drugs
Top 25 Drugs with Highest Y-O-Y WAC Increases
VHI Prescription Drug Pricing Methodology Outline

**Top 25 Costliest Drugs in Virginia for Commercial Coverage**

Brand or Generic:

Rank	NDC	Drug Name	Drug Class(es)	Number of Prescriptions	Total Paid	WAC	WAC Trend	NADAC	Paid Per Unit (e.g., pill)
<b>Top 25 Overall</b>				<b>294,868</b>	<b>\$947,763,070</b>				
<b>State Total</b>				<b>17,266,669</b>	<b>\$3,230,137,407</b>				
1	00074055402	HUMIRA PEN	ANALGESICS - ANTI-INFLAMMATORY	26,119	\$196,060,144	\$2,984	0.0%	\$2,907	\$2,766
2	57894006103	STELARA	DERMATOLOGICALS; Antipsoriatics; Antipsoriatics - Systemic	4,205	\$100,081,291	\$24,191	4.8%	\$23,347	\$21,714
3	58406003204	ENBREL SURECLICK	ANALGESICS - ANTI-INFLAMMATORY	8,013	\$53,280,643	\$1,492	7.4%	\$1,455	\$1,344
4	61958250101	BIKTARVY	ANTIVIRALS; Antiretrovirals; Antiretroviral Combinations	10,635	\$48,509,176	\$113	0.0%	\$109	\$107
5	00024591401	DUPIXENT	DERMATOLOGICALS; Eczema Agents; Atopic Dermatitis - Monocl..	12,258	\$39,923,505	\$801	3.0%	\$771	\$777
6	00074433902	HUMIRA PEN	ANALGESICS - ANTI-INFLAMMATORY	4,642	\$38,174,318	\$2,984	0.0%	\$2,905	\$2,631
7	51167033101	TRIKAFTA	RESPIRATORY AGENTS - MISC.; Cystic Fibrosis Agents; Cystic Fibrosi.	1,372	\$36,514,448	\$284	0.0%		\$278

Transparency Report

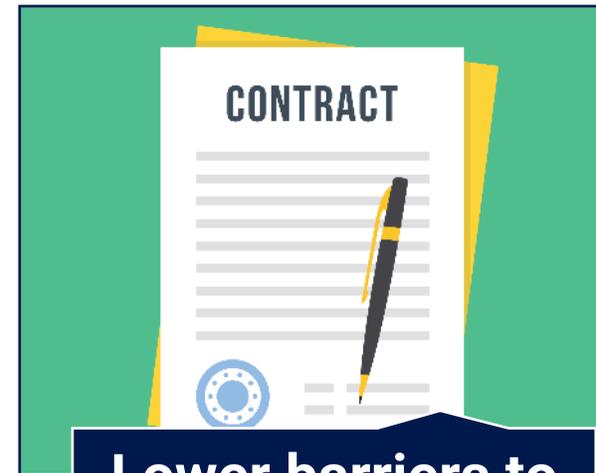
# Priorities for Next Year



**Build for Service**



**Modernize**



**Lower barriers to  
data access**

# VIRGINIA HEALTH DATA UTILITY ROADMAP



## PRIVACY & SECURITY

Data must be protected with extreme diligence as evidences by regular reviews, recognized certifications and a hybrid approach to data retention.



## CLINICAL CONNECTIVITY

Demonstrate comprehensive levels of connectivity and bidirectional data exchange for all. Expand outreach through a trusted partner to physicians.



## DATA USE AGREEMENTS

The Virginia Exchange Trust Agreement will continue to define clear data uses and protections while remaining reasonable and accessible to each connecting organization



## MULTI-STATE COLLABORATION

Collaborate with neighboring states and regions on common technologies and uses cases, leveraging economies of scale and pooling innovation



## DATA TYPES

Build on the existing collection of ADT feeds within the EDCC to include more clinical data to support a wider array of use cases



## DATA GOVERNANCE

Maintain strong governance structure to oversee strategic direction of HIE to ensure it serves all key stakeholders.



## PUBLIC HEALTH DATA

Make public health data available at the site of care and expand connectivity with public health agencies



## SOCIAL DETERMINANT DATA

Work with community-based organizations to establish tools for assessments, directories and referrals in a way that connects and complements existing platform vendors



## LINKING DATA SOURCES

Expand the value of existing data collection systems by filling unaddressed data gaps through data linkage.



## PATIENT ACCESS

Grant access to patients while making appropriate accommodations for sensitive data



FROM NUMBERS TO KNOWLEDGE



# Consider VHI When:

- You or your constituents need access to **free healthcare information**
- New forms of **healthcare data** need to be **collected or exchanged** in the Commonwealth
- **Transparency and reporting** are needed around new healthcare topics



# Thank You

-  Facebook: [@VaHealth](https://www.facebook.com/VaHealth)
-  Twitter: [@VaHealthInfo](https://twitter.com/VaHealthInfo)
-  LinkedIn: [Virginia Health Information](https://www.linkedin.com/company/Virginia-Health-Information)
-  Website: [www.vhi.org](http://www.vhi.org)