DATA. Relevant. Integrated. Visualized. Useful.

We live in a world overflowing with data. Information is plentiful but not always useful. At Apex, we strive to put the right data in the right hands at the right moment. We work to transform data to knowledge. This requires collecting relevant data from a variety of sources, relating it in an integrated way, and creating reports that answer questions about process, quality, and outcomes – all to drive a cycle of reality testing, learning, and improvement.

The Apex Data Hub brings together multiple technologies and data sources including our own tablet-based and web-based tools. We collect big picture and pixel-level data, and link it together to

make implementation and evaluation better. This mix of quantitative and qualitative data helps us take broad and multiple perspectives. It builds confidence in our findings and considers the story behind the data. We can ask and answer our initial questions as well as questions we haven't even formed yet.

The Apex Data Hub supports the agility and depth that is needed when evaluation is about learning. It offers the functionality to make evaluation support more efficient and effective implementation.

It's the ONE DATA SOLUTION when there is no one data solution.

Here is what it looks like for School-Based Health Centers:

Just Health
NEEDS ASSESSMENT. Just Health is a risk screen that collects information on a wide range of conditions and health behaviors and produces an instant alert report to promote patient-provider communication that's free of stigma. It features aggregate reports to inform health promotion, population management, and, of course, evaluation. Just Health is part of Apex's National Technology Center as part of CDC's National Network of STD Clinical Prevention Training Centers.

Operational Plan
INPUTS AND PROCESS. We created a web-based Operational Plan to collect information on SBHC staffing, hours of operations, services, host school demographics, and quality improvement goals. We collect this data once and integrate it with other parts of the hub to create reports for funders, evaluators, and other stakeholders at local, state, and national levels.

Patient Feedback
QUALITY AND OUTCOMES. We deploy a survey on tablets and the web to collect the patient perspective on engagement, satisfaction, health literacy, and health outcomes.

Electronic Health Records
IMPLEMENTATION AND OUTCOMES. We integrate with over 30 EHRs and counting to collect comprehensive and detailed pixel-level data: every patient, every visit, every code. We can look for trends over time in relation to needs.

Other Secondary Sources
WHEN THERE'S AN API, THERE'S A WAY. We have yet to find a single data system that meets every need, particularly when multiple sites and organizations are involved. We use Application Program Interfaces (APIs) to connect with other systems to create a seamless data solution. The hub links to state immunization databases and Youth Risk and Resiliency Survey for coordination of care and benchmarking. We also link to the Apex Perspectives survey app that collects and records stakeholder voice.

Reporting and Data Visualization
BUILDING KNOWLEDGE TOGETHER. With the integrated data sets and sources as inputs, the data hub supports a powerful output - comprehensive, on-demand reporting with data visualization that guides evaluators and clients to ask and answer better questions and build knowledge together.

From theory to PRACTICE.

Our data system is designed to be user-friendly and practical to simultaneously support and improve implementation and evaluation. It's built on an architecture of **SYSTEMS THINKING** which involves making clear **distinctions** between data elements including breaking them down to their **smallest parts** and understanding **how they fit in to the bigger picture**. We look at the **relationships** between data at their part and whole level. We consider **multiple perspectives**. These four patterns of thinking (distinction-making, part-whole systems, relationships, and perspectives) permeate everything we do. We take a **DEVELOPMENTAL EVALUATION** approach to evaluation to thoughtfully and intentionally allow new learning to change our hypothesis and approach as we implement.

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A **RESULTS-BASED ACCOUNTABILITY** (RBA) framework ensures our evaluation questions cover process, quality, and outcomes. We don't look at any single data point in isolation. We look at trends over time, multiple quantitative and qualitative sources, and the context and story behind the data. This is all foundational to effective **DATA VISUALIZATION**. It's more than making data look good. It is about understanding the cognition of how we process information and actually build knowledge. It is a balance of aesthetic and functionality that translates complex data into intuitive and actionable information.

Finally, in everything we do, we strive for transparency, inclusiveness, and cultural responsiveness. We think evaluation is best when we are all on the same side of the table, looking at data together objectively, asking and answering questions, and figuring out what is working and what to do next.

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The Data Hub concept is one way we **make evaluation work** and another reason we call Apex **THE EVOLUTION OF EVALUATION.**

Let's talk about making evaluation work for YOU.

Contact us to find out how we can make evaluation work for you. Check out our website to find out more about our evaluation approach and our work in the field.

apexeval.org