

**HRB System Needs**

**Description of End State HRB System:**

Each community has one or more HRBs that consumers can choose to hold complete copies of most of their health records. Access to the HRB information is controlled by consumers, and most active consumers are enrolled. Whenever care is given, the HRB information is accessed, used by providers and integrated into the provider's EMR. Any relevant new information created is deposited in the patient's HRB account. Consumers own their record. If they are unhappy with their HRB, they can easily "roll over" their account to a different HRB or cancel at any time. Providers are able to access any HRB (to view and deposit information) in the same way (e.g. with the use of a browser). Public health officials, researchers, and policymakers can query the data (in one or more HRBs) to get summary reports with consumer permission. Each HRB is financially sustainable. The State provides oversight of HRBs to ensure that consumers are protected and common-sense rules are followed.

<b>Issues that could be addressed by HIIAB</b>		
<b><u>Stakeholder</u></b>	<b><u>Issue</u></b>	<b><u>Potential Solutions</u></b>
Consumer	Trust	1) Community Organization *2) State Oversight/Rules: (Including privacy and control of data)
	Accessibility to timely and accurate data	*1) HRB connection to sources *2) EMR incentives
Data Suppliers	Avoid Multiple Connections	*Single connection to HRB system with routing to each HRB
Providers	User Authentication	*Use OneHealthPort
	Access to Multiple HRBs	*Require all HRBs to use single API for data viewing & deposit
	Source Data Validation	*Protocol for identifying sources
	Finding Patient HRB account	*Protocol for finding consumer HRB account if information missing(ALS)
	Existing HIE capabilities	*Transition to HRB interfaces [Note: Linking all providers directly to all other providers is not practical; if there are N providers, would require N(N-1)/2 interfaces]
Researchers Public Health Policymakers	Queries	*1) Query protocol for each HRB *2) Queries across multiple HRBs
Hospitals	Too much data to submit	*Define high-value hospital data