Consumer Empowerment Workgroup – Regions of Interest

	Characteristics				
Geographic Region/ Entities	**Data Source For Registration Summary (basic description of data available)**	**Data Source for Medication History (basic description of data available)**	**Existing PHR, Organization Sponsor (e.g., health plan, employer, other), (include business model and primary functionality if known)**	**Size and type of population served by PHR Program**	**Organizational Capacity or Infrastructure to reach special patient populations (i.e., Medicare, Medicaid, chronically ill, pediatrics)**
Six AHRQ Funded State Initiatives:					
Colorado: 4 entities in Denver—Denver public health, Kaiser Permanente of Colorado, The Children's Hospital, Univ. Colorado Health Sciences Center. (Per Jon White of AHRQ, at present can pass <u>test</u> registration data. Next will do lab, in Year 3 will do pharmacy. Focused on governance and privacy.)		RxHub: pharmacy claims data for 1.0 M out of 2.5M population (Penetration 40.9%) Sure Scripts: Mid 2007 market – large number of independents and PDX pharmacies	WellPoint, Inc. partners with WedMD to offer its 28.5 million members with a comprehensive, personalized member website that brings together claims data, trusted health information, personalization capabilities and health risk assessment tools. PHRs are a key component of this web portal. Cohie.org		Pediatrics

			POC: Art Davidson, pediatrician Per Jon White, Project Mgr. is Matt Madison.		
Delaware: Delaware Health Information Network, a state sponsored public entity.		Rx Hub: pharmacy claims data for 480K out of 784K population (Penetration 61.3%) Sure Scripts: Early 2007 market – need Happy Harry's participation to get over 80% pharmacy participation	BCBS of DE (a CareFirst company) provides its members with personalized health tools including a PHR to track personal medical history, a personalized risk assessment, tools to help members attain their health gorals, and online health reminders. DHIN has no PHR. Has plans to do EDI financial transactions: benefits eligibility, claims, payments, claims inquiries. Received AHRQ funds for project beginning Jan. 1, 2006		
Indiana:		Rx Hub: pharmacy claims data for 2.7M out of 6.1M population (Penetration 44.3%) Sure Scripts: Early 2007 market – Will have over 50% of	WellPoint, Inc. partners with WedMD PHR program (details above)		

		pharmacies; large number of independents			
Rhode Island		Rx Hub: pharmacy claims data for 398K out of 1.1M population (Penetration 38%) Sure Scripts: 2Q06 Market – Approx. 60% of pharmacies in April	Plan and implement a Master Patient Index for interoperability between public and private health care sectors; Coordinated effort with Dept. of Health, QIO, BCBS RI, Health Systems, physician groups to drive adoption of eprescribing to the next level; recent launch of EHR RI organization to drive state-wide adoption of EHRs. Blue Cross and Blue Shield of Rhode Island partners with Health AtoZ to provide its members with a PHR that can be pre-populated with claims and pharmacy data, self populated with personal information, and it includes a health calendar with reminders for appointments, medication refills, and immunizations.		Primary care and specialty physician groups are engaged; easy to get Medicaid involved; Dept. of health can bring additional stakeholders to the table
Tennessee		Rx Hub: pharmacy	Plan and implement		TennCare

		claims data for 3.4M out of 5.6M population (Penetration 60.5%) Sure Scripts: Early 2007 – Less than 40% pharmacy coverage without independents	State-based regional data sharing and interoperability service that interconnects health care entities in three counties; TN-Care implementation of Community Health Record BCBS of TN launched SharedHealth to provide consumers and providers with electronic access to medical information. SharedHealth gives providers access to a claims-based "community health record" that includes up-to-date patient summary, medical, lab, prescription and immunization information.		implementation with Cerner is focused on Medicaid initially and population management of this group
Utah: UHIN Clinical		Rx Hub: pharmacy claims data for 1.2M out of 2.2M population (Penetration 52%) Sure Scripts: Mid 2007 – pharmacy coverage for med history Medicaid medication	AHRQ contract that expands current State-wide network for the electronic exchange of patient administrative and clinical data and will support the adoption of EMRs.	70% of claims - 18 million 450 payers 10,000 providers	Pediatric, Rural clinics, FQHCs, Mental Health, Medicaid

		history being shared in a pilot project			
12 NHIN Contract-related entities					
Care Spark: Tri-cites region of NE Tennessee and SW Virginia In year one of 3-year strategic plan to develop organizational infrastructure and implement technical infrastructure.		Rx Hub: pharmacy claims data for 229K out of 389K population (Penetration 59%) Sure Scripts: Early 2007 market with almost 40% pharmacy participation statewide	No PHR yet. Is a grassroots community-based coalition to develop a Regional Health Information Organization; Allscripts and Cerner have good presence and relationships in the state as foundation for PHR delivery		Care Spark has 5 priority health issues: • Diabetes • Hypertension • Cardiovascular Disease • Asthma and lung disease • Immunizations and screenings
West Virginia eHealth Initiative		Rx Hub: pharmacy claims data for 1.1M out of 1.8M population (Penetration 62%) Sure Scripts: Late 2007 with eprescribing just getting launched			
Eastern Kentucky Regional Health Information Organization		Rx Hub: pharmacy claims data for 1.6M out of 4M population (Penetration 40.4%)	WellPoint, Inc. partners with WedMD PHR program		
Mendocino Health Record Exchange		Rx Hub: pharmacy claims data for 78K out of 240K population	WellPoint, Inc. partners with WedMD PHR program		

		(Penetration 32.4%)			
Indiana Health Information Exchange		See Indiana above			
MA-SHARE Massachusetts		Rx Hub: pharmacy claims data for 3.7M out of 6.3M population (Penetration 58%) Sure Scripts: 2Q06 Market – Approximately 60% of pharmacies participating	Developing RxGateway to connect physicians with Partners and CareGroup to a single infrastructure for clinical information exchange; eHealth Collaborative funded by BCBS MA to implement EHRs in 3 communities		
North Carolina Healthcare Information Communications Alliance (NCCHICA), Research Triangle, NC		Rx Hub: pharmacy claims data for 920K out of 1.2M population (Penetration 77%) NC is a 4Q06 Market – Over 40% of pharmacies participating statewide; need independent participation to approach 60%	Coordinating development of statewide eprescribing program; coordinating early stage RHIO		
North Carolina Healthcare Information Communications Alliance (NCCHICA), Rockingham County, NC		Rx Hub: pharmacy claims data for 920K out of 1.2M population (Penetration 77%) NC is a 4Q06 Market – Over 40% of pharmacies	IBM PHR program offered to employees		

		participating statewide			
Taconic Health Information Network and Community (THINC), Taconic Region, NY		Rx Hub: pharmacy claims data for 690K out of 877K population (Penetration 79%) Sure Scripts: Early 2007 market	• Empire BCBS offers a member controlled PHR that authorized providers can also access. It is automatically populated with information from claims including lab results, doc visits, immunizations, hospital stays, reported diagnoses, and prescriptions. Members can self populate personal and family history, health risks, allergies, etc • IBM PHR program offered to employees		Physician organization driven RHIO
Santa Cruz RHIO, Santa Cruz County, CA		Rx Hub: pharmacy claims data for 1.7M out of 6.9M population (Penetration 25%) Sure Scripts: CA is a 4Q06 Market with over 50% pharmacy participation statewide; over 45% pharmacy participation in the Santa Cruz MSA			
Greater Cincinnati HealthBridge, Cincinnati, Ohio		Rx Hub: pharmacy claims data for 742K out of 1.6M population (Penetration	Multi-hospital RHIO using Axolotl		

		48%) Sure Scripts: Ohio is a 4Q06 Market with over 40% pharmacy participation state-wide; around 35% pharmacy participation in Cincinnati PMSA without Kroger			
Greater Cleveland Metropolitan Area		Rx Hub: pharmacy claims data for 1.9M out of 2.9M population (Penetration 63%) Sure Scripts: Ohio is a 4Q06 Market with over 40% pharmacy participation state-wide; around 40% pharmacy connectivity in Cleveland PMSA	Ohio Keypro (QIO) is engaged with health systems and other stakeholders to launch a N. Ohio regional network; Cleveland Clinic is aggressively rolling out eprescribing with Epic and looking to leverage the Epic PHR solution Wellpoint PHR program		
Other Regions:					
Albany, New York: Capital District Physician's Health Plan http://www.cdphp.com/		Rx Hub: pharmacy claims data for 690K out of 877K population (Penetration 79%) Early 2007 market – Over 40% pharmacy participation in Albany PMSA claims	Not-for-profit health plan with multiple products such as HMO, PPO. Piloted PHR used by physicians containing medical history, labs, medications, etc.	335,000 people	Has Medicare, Medicaid, children's plan
New York City Empire Blue Cross Blue Shield		Rx Hub: pharmacy claims data for 9.5M out of 12.7 population	Empire BCBS offers a member controlled PHR that authorized providers	30,000 people	

Note: Members have ability to give their doctors access to PHRs and can delete or shield entries from the view seen by doctors.		(Penetration 75%) Sure Scripts: Timing dependent on regional chain and independent participation Claims	can also access. It is automatically populated with information from claims including lab results, doc visits, immunizations, hospital stays, reported diagnoses, and prescriptions. Members can self populate personal and family history, health risks, allergies, etc		
Richmond, Virginia		Rx Hub: pharmacy claims data for 690K out of 877K population (Penetration 79%) Q406 market with over 45% pharmacy participation statewide	MedVirginia – RHIO with good health systems and physician participation		
Florida		FL is a Q2 Market with over 45% pharmacy participation statewide; certain MSAs with higher participation	Availity Gateway created by BCBS FL and Humana to enable clinical information exchange among providers; also payer drive electronic health record		Gold Standard has implemented infrastructure to enable delivery of FL Medicaid medication history
California		CA is a 4Q06 Market with over 50% pharmacy participation	Cal-RHIO; Hill and Brown & Toland are large physician IPAs one is using Allscripts		

			Touchworks the other RelayHealth		
Arizona		4Q06 Market with over 52% pharmacy participation	Governor initiated Health eConnect to encourage development of health information exchange initiative		
New York		Parts of NY will be early 2007 with other following late in the year	Significant funding for electronic health records; recent requirement for serialized prescriptions exempt if using eprescribing; multiple RHIO initiatives (Taconic, UNYPHIED, etc.)		
Louisiana		Likely a mid-2007 market	Post-Katrina highly motivated to go electronic; funding available and some projects underway		A state-wide PHR initiative fits very well in response to the challenges of the hurricane impact. The Southern Governors' Association will host the Gulf Coast Health Information Task Force, which will bring together local and national resources and

					coordinate the planning for a digital health information recovery.
Pennsylvania		Mid 2007 market	Significant funding and practice support for eprescribing/EHR adoption; statewide eHealth Initiative underway driven by PA Medical Society and Quality Insights (CMS contracted QIO)		
Illinois		Early 2007 market with over 45% pharmacy participation	Northern Illinois Physicians for Connectivity coordinating early stage clinical information exchange very interested in pharmacy medication history and integrating with personal health records		

Attachment 1
RxHub Transaction Sets

RxHub transmits prescription benefit information between PBM/Payers, Physicians and Pharmacies. The data is transmitted using industry standard transactions including ANSI X12 270/271 for eligibility request/response transactions, NCPDP SCRIPT 8.1 for all electronic prescription transactions, NCPDP Formulary and Benefit 1.0 for formulary information and NCPDP SCRIPT 8.1 and HL7 2.3 for medication history transactions. RxHub certifies all participants to these standards prior to "going live" according to strict certification criteria detailed in the RxHub Implementation Guide. A sample of the data available in these standard transactions includes:

Eligibility/Formulary	**Medication History**
Patient Name	Patient Name
DOB	DOB
Gender	Gender
Zip Code	Zip Code
PBM	Patient Consent
PBM Unique Id	History Report
Plan Id/Plan Name	▪ History Elements
Cardholder Id	▪ Drug Identifier
Cardholder Name	▪ Drug Name
Person Code	▪ Dosage Form
Relationship Code	▪ Quantity
Group Id/Name	▪ Strength
Formulary Id	▪ Date Written
Alternative List Id	▪ Date Dispensed
Coverage Id	▪ Prescriber
Copay Id	▪ Pharmacy
BIN	
Out of Pocket	
Drug(s) NDC#	
Formulary Status	
Alternative Drugs	
Drug Coverage	
Drug Copay	

Attachment 2
Pharmacy and Market Readiness

	Physician Adoption	Pharmacy Readiness	Clinical Information Exchange Initiative
Arizona	Medium	90%	Health eConnection
California	Medium/ High	90%	Hill Physicians and Brown & Towland
Florida	High	90%	Availity (BCBS/Humana) Gateway
Massachusetts	High	90%	MA-SHARE RxGateway, MA E-Health Collaborative, eRx Collaborative
New York	Low	80%	UNYPHIED (Buffalo)
Ohio	High	90%	HealthBridge
Rhode Island	High	90%	Rhode Island Health Information Exchange
Tennessee	Moderate	90%	Shared Health (TN-Care)
Virginia	Moderate	90%	MedVirginia

Potential Markets for Med History/Personal Health Record Demonstration Project

- Arizona
- California
- Florida
- Massachusetts
- New York
- Ohio
- Rhode Island
- Tennessee
- Virginia