

Project Title	Funder	Principal Investigator	PI Site	HMORN Sites	Non-HMORN Sites	Start Date	End Date	Data Collected	Data products	Study Design	Keywords
Building CER Capacity: Aligning CRN, CMS and State Resources to Map Cancer Care	NCI	Weeks, Jane	Dana Farber Cancer Institute	KPCO, GHRI, KPNW, KPNC	Memorial Sloane Kettering Cancer Center	9/30/2009	9/31/2011	VDW, non-VDW plan data, EMR	Comprehensive list of radiotherapy CPT, ICD9-procm and HCPCS codes	Observational	comparative effectiveness, treatment, end of life
HR-QOL in Colorectal Cancer Survivors with Stomas 2	NCI	Krouse, Robert S	University of Arizona	KPNW, KPNC		4/1/2009	3/31/2014	VDW, non-VDW plan data, paper chart, EMR, paper survey, phone survey, in person interviews, focus groups, qualitative/ethnographic		case control	quality of life, aging, colorectal cancer, intestinal stomas
Enhancing Clinical Effectiveness Research with Natural Language Processing of EMR (PROSPECT award)	AHRQ	Hazlehurst, Brian L.	KPNW	KPGA, KPHI, KPSC	Baylor, Seattle VA, SIBCR	9/30/2010	9/29/2013	VDW, chart review	Beginning to develop software to standardize natural language processing of EMR data.	Infrastructure to support Comparative Effectiveness research	
Effective Communication for Preventing and Responding to Oncology Adverse Events	NCI	Greene, Sarah	GHRI	MPCI, KPGA	Univ of WA	9/30/2008	8/31/2013	VDW, phone survey, focus groups		qualitative/ethnographic	communication, cancer, treatment
Mental Health Research Network: A Population-Based Approach to Transform Research (MHRN Infrastructure)	NIMH	Simon, Gregory	GHRI	KPSC, KPNW, KPNC, KPGA, HPHC, HPRF, KPCO, KPHI		9/24/2010	7/31/2013	VDW	Planned reports on the availability and quality of mental health variables in the VDW	Infrastructure development	
Outcomes of Prostate Cancer Androgen Deprivation Therapy	NCI	Potosky, Arnold	Georgetown University	KPSC, KPNC, HFHS		4/2/2010	3/30/2013	VDW		retrospective observational	
Extent of Maternal Morbidity in a Managed Care Setting	CDC	Hornbrook, Mark C.	KPNW	KPGA		9/1/2009	8/31/2012	VDW, non-VDW plan data, paper charts, EMR		Existing data observational; practice-based intervention	
The Cancer Care Outcomes Research and Surveillance Consortium: CanCORS 2	NCI	Weeks, Jane	Dana Farber Cancer Institute	KPNW, GHRI, KPHI, HFHS, HPHC		9/1/2009	8/31/2012	VDW, non-VDW plan data, paper charts, EMR, phone survey		Observational	

Project Title	Funder	Principal Investigator	PI Site	HMORN Sites	Non-HMORN Sites	Start Date	End Date	Data Collected	Data products	Study Design	Keywords
Phase II Evaluation of the HMO Data to Support Development of a National Registry of Amyotrophic Lateral Sclerosis	CDC	Hornbrook, Mark C.	KPNW	KPSC, GHS, LCF, HFHS, MPC		8/31/2009	8/30/2012	VDW	CART algorithm for identifying ALS patients	observational, quasi-experimental, qualitative	
Long-term Survivorship in Older Women with Early Stage Breast Cancer (BOW II)	NCI	Silliman, Rebecca	Boston Medical Center	MPCI, HFHS, HPRF, GHRI, KPSC, LCF	Weill Cornell Medical School, Wake Forest University, Boston University, Yale University	9/10/2008	7/31/2012	VDW, abstraction from EMR		Retrospective cohort study	cancer control, effectiveness, infrastructure
Does weight loss among post-menopausal women decrease risk of breast cancer?	NCI	Feigelson, Heather	KPCO			5/1/2011	4/30/2012	VDW		retrospective observational	
Algorithms to Identify Second Breast Cancer Events from Electronic Data	NCI	Chubak, Jessica	GHRI	HFHS		1/4/2010	12/31/2011	VDW, EMR, ICD-9, CPT, existing chart review data		algorithm development and testing	
Pelvic Inflammatory Disease Surveillance	CDC	Scholes, Delia	GHRI	KPCO		10/16/2009	10/15/2011	VDW plan data, paper charts, EMR	PID Case Finding Algorithm		Pelvic Inflammatory Disease, Surveillance
Mental Health Disorders & Medication Adherence & Outcomes in Hypertension, Atrial Fibrillation & Venous Thromboembolism within the CVRN	NHLBI	Go, Alan	KPNC	KPCO, GHS, GHRI, HPHC, HPRF, KPGA, MCRF		10/1/2010	9/30/2011	VDW and non-VDW electronic health plan data		Observational Study	Mental Health, CVD: Cardiovascular Disease, Patient Rx Adherence
Using HIT to Improve Transitions of Complex Elderly Patients (RAMPAGE II)	AHRQ	Field, Terry	MPCI			9/30/2008	9/29/2011	VDW plan data, EMR chart abstraction, non-VDW plan data		Traditional RCT	skilled nursing facilities, transitions, home health
Risk Informed Intervention to Improve Ambulatory Drug Monitoring	AHRQ	Field, Terry	MPCI			9/30/2008	9/29/2011	VDW plan data, interviews		Practice-based intervention	laboratory monitoring, high risk medications, ambulatory care

Project Title	Funder	Principal Investigator	PI Site	HMORN Sites	Non-HMORN Sites	Start Date	End Date	Data Collected	Data products	Study Design	Keywords
Comparative effectiveness in genomic & personalized medicine for colon cancer	NCI	Goddard, Katrina A	KPNW	KPNC, KPCO, KPGA, KPFI, HPHC, MCRF		9/30/2009	9/29/2011	VDW, chart review, tumor blocks, in person interviews, phone interviews, literature reviews		data only	
Development of a Cardiovascular Surveillance System in the CVRN	NHLBI	Sidney, Steve	KPNC	KPCO, GHS, GHRI, HPHC, HPRF, HFHS, KPGA, KPNW, LCF, MCRF, S&W, KPSC, KPFI	UHI	9/30/2009	9/29/2011	VDW data; non-VDW electronic health plan data; medical record review (HER or hard copy charts)		Observational	CVD: Cardiovascular Disease, CVD Ischemic Heart Disease, CVD: Stroke
Improving Post Hospital Medication Management of Older Adults (RAMPAGE I)	AHRQ	Gurwitz, Jerry	MPCI			9/1/2007	8/31/2011	VDW plan data, EMR chart abstraction, non-VDW plan data		Traditional RCT	post-hospital medication management, elderly, Health Information Technology, Computerized Clinical Decision Support, medication
Effectiveness of Immediate vs. Delayed Use of Metformin in New-onset Type 2 Diabetes	NIDDK	Selby, Joe	KPNC	KPFI, KPCO, HPRF, KPNW		9/30/2009	8/31/2011	VDW data; additional, nonVDW electronic data on certain lab results	Identification of persons with diabetes and characterizing treatments and outcomes	Retrospective cohort CER study, with analyses using marginal structural models to control for time-varying treatments and	

Project Title	Funder	Principal Investigator	PI Site	HMORN Sites	Non-HMORN Sites	Start Date	End Date	Data Collected	Data products	Study Design	Keywords
Management and Outcomes of Heart Failure with Preserved Systolic Function	NHLBI	Go, Alan	KPNC	KPCO, KPNW, MPCI		9/30/2009	8/31/2011	VDW data; non-VDW electronic health plan data; medical record review for left ventricular systolic function qualitative and/or quantitative information	Identification of largest known cohort of adults with heart failure and documented preserved left ventricular systolic function (38,867 patients); natural language text processing to identify left ventricular ejection fraction test results in electronic health records	Retrospective cohort study	CVD: Cardiovascular Disease, CVD: Congestive Heart Failure
Screening Effectiveness And Research in Community-based Healthcare (SEARCH)	NCI	Buist, Diana	GHRI	KPNW, KPNC, HPHC, HPRF, KPHI, MPCI, MCRF, GHS	Univ of WA	9/30/2009	8/31/2011	VDW, Non-VDW plan data, paper charts, EMR	CRC chart abstraction tool, cervical pathology classification database, validation of algorithms to distinguish screening from diagnostic examinations for CRC and cervical cancer using automated data, improve VDW capture of cytology results.	CRC Proof-of-Principle: Nested case-control Cervical Proof-of-Principle: Retrospective cohort Methods Core: Observational: Cohort work examining patterns of CRC testing over time	epidemiology, surveillance, comparative effectiveness, colorectal cancer

Project Title	Funder	Principal Investigator	PI Site	HMORN Sites	Non-HMORN Sites	Start Date	End Date	Data Collected	Data products	Study Design	Keywords
Medical Care Burden of Cancer: System and Data Issues	NCI	Hornbrook, Mark C.	KPNW	GHRI, KPCO		8/1/2009	7/31/2011	VDW, Tumor Registries, Pharmacy and Procedure file	Costing algorithm in process; produced an estimate of the average medical care costs of diagnosing lung cancers in the US	Retrospective Case Control data only study	
Contemporary Treatment and Outcomes of Atrial Fibrillation in Clinical Practice	NHLBI	Go, Alan	KPNC	KPSC, MPCl	UCSF, UC-Berkeley	9/30/2009	7/31/2011	VDW Data; Non-VDW electronic health plan data; Medical Record review: HER and hard copy charts; Mailed survey and telephone survey follow-up	Algorithm to classify smoking status; algorithms and macros to extract data from VDW for cardiovascular outcome events and clinical conditions	Contemporary prospective cohort study <b>and</b> retrospective cohort study	CVD: Arrhythmias, CVD: Stroke, Health Disparities
Cancer Prevention Index	NCI	Wagner, Edward	GHRI	KPNW, KPHI		6/22/2007	4/30/2011	VDW	Cancer Prevention Index and Disease Management Indices that identify practice variations in delivery of cancer prevention services, data extraction algorithms	retrospective observational	

Project Title	Funder	Principal Investigator	PI Site	HMORN Sites	Non-HMORN Sites	Start Date	End Date	Data Collected	Data products	Study Design	Keywords
Building a Population Laboratory for Pharmacoepidemiologic and Pharmacogenomic Studies in Cancer: Cardiotoxicity Following Systemic Therapy for Breast Cancer	NCI	Wagner, Edward	GHRI	KPNW, KPNC, HPHC, KPCO, KPGA, HFHS, MCRF		8/27/2008	4/30/2011	VDW, chart review, paper survey	Algorithm to identify heart failure from VDW data validated by chart review; calculation of cumulative dose of chemotherapy from electronic data; report on biospecimen availability at 8 sites	retrospective cohort	epidemiology, surveillance, health services, methods, breast cancer
Nonmelanoma Skin Cancer Ascertainment in the HMO Setting	NCI	Eide, Melody	HFHS			5/1/2010	4/30/2011	VDW, EMR	Planned validation of an algorithm to identify non-melanoma skin cancer from VDW claims data	retrospective observational	
Obesity, Diabetes and the Metabolic Syndrome as Risk Factors for Cancer in Young Adults	NCI	Koebnick, Corinna	KPSC	KPSC		5/1/2010	4/30/2011	VDW, EMR, tumor registry		prospective cohort	
Developing a Mental Health Data Resource (CRN Administrative Supplement)	NCI	Simon, Gregory	GHRI	KPSC, KPNW, KPNC, HPHC, HPRF, KPCO, KPGA		7/9/2010	4/30/2011	VDW, other	Planned autism registry	observational, other	
Lymph Node Examination in Colorectal Cancer: Predictors of Adequate Staging and Its Influence on Cancer Survival in Community Practice	NCI	Wagner, Edward	GHRI	MCRF		5/1/2010	4/30/2011	VDW, tumor registry, EMR, chart review		retrospective observational	

Project Title	Funder	Principal Investigator	PI Site	HMORN Sites	Non-HMORN Sites	Start Date	End Date	Data Collected	Data products	Study Design	Keywords
Relation of Primary Care Practice Variation to the Prevention of CVD and Diabetes	NHLBI	Vogt, Thomas	KPHI	KPNW		04/01/2008	03/31/2011	VDW, Non-VDW plan data, EMR	Algorithms for calculating care quality indices for 11 CVD-related services from EMR data	Observational	Prevention Index, Disease Management Index, Service Quality Indices, Cardiovascular Disease, Diabetes, Electronic Health Records
Center for Effectiveness and Safety Research (CESR) DCC Funding Period 1	Kaiser	Durham, Mary L	KPNW	KPCO, KPGA, KPHI, KPSC	KPMA, KPOH	8/1/2009	3/31/2011	VDW	Multi-Directional Data Use and Sharing Agreement, Developing VDW QA macros, VDW reports by Kaiser site	N/A	
Medication Use in Pregnancy & Birth Outcomes	FDA	Li, Di-Kun	KPNC	KPSC		9/25/2008	3/23/2011	VDW; birth certificate; medical record	Database infrastructure including linkage to various databases	Population-based cohort study; Observational study	
High Deductible Health Plans and Receipt of Cancer Prevention Services	ACS	Roblin, Douglas	KPGA	KPCO, KPNW, HPRF, GHRI		7/1/2008	12/31/2010	VDW; Non-VDW benefit design data	Database design for tracking health insurance benefits (copayments, coinsurance, deductibles) at the enrollee level and supporting SAS code that will inform redesign of the VDW insurance benefits	Observational	Cancer, high deductible health plans

Project Title	Funder	Principal Investigator	PI Site	HMORN Sites	Non-HMORN Sites	Start Date	End Date	Data Collected	Data products	Study Design	Keywords
Developing Algorithms to Ascertain Medical Procedures Pregnancy	AHRQ	Andrade, Susan	HPHC	none	none	10/14/2009	9/20/2010	VDW	Algorithms evaluated for identification of 2 clinical conditions and 1 procedure	observational	administrative databases, positive predictive value, pregnancy, validation
Serious Adverse Event Consortium Phase II Studies - Identifying Cases of Stevens Johnson Syndrome and Excessive Weight Gain Associated with Psychotropic Drug Use	CDC	Yale, Steven	America's Health Insurance Plans			9/13/2009	9/14/2010	VDW, Non-VDW, EMR		Observational Study	Liver, Drug-Induced Injury
A Feasibility Research Pilot to Determine the practicality of using the HMO Research Network to Research the Genetics of Drug-Induced Serious Adverse events	SAEC	Davis, Robert	KPGA	KPHI, GHS, GHRI, HPRF, MCRF		9/25/2009	9/1/2010	VDW; Biospecimen			Adverse events, genetics
Improving Breast Cancer Surgery Effectiveness Through Establishment of an Electronic Cancer Surgery Database	NCI	McCahill, Larry	Van Andel Research Institute	GHRI, KPHI, KPCO, MCRF, LCF	University of VT	9/30/2009	8/31/2010	VDW, Non-VDW plan data, EMR	Web-based chart abstraction tool; development of a multicenter electronic breast cancer surgery outcomes database; development of a mechanism for automated clinical data capture from routinely collected electronic health records systems	Retrospective chart review	Quality of care, comparative effectiveness, breast cancer
Electronic Data Transfer of Co-Morbidity and Related Data from CRN to the Hawaii Tumor Registry to Expand Spectrum of Surveillance Data – Pilot Study	NCI	Hornbrook, Mark C.	KPNW	KPHI		8/1/2009	7/31/2010	VDW		Feasibility pilot, validation	



Project Title	Funder	Principal Investigator	PI Site	HMORN Sites	Non-HMORN Sites	Start Date	End Date	Data Collected	Data products	Study Design	Keywords
Practice Variation and Care Outcomes (PRAVCO)	AHRQ	Vogt, Thomas	KPHI	KPNW		09/05/2007	06/30/2010	VDW, Non-VDW plan data, EMR	Algorithms for calculating care quality indices for 10 CVD-related services from EMR data	Observational	Prevention Index, Disease Management Index, Service Quality Indices, Cardiovascular Disease, Electronic Health Records
Economic Burden of Cancer	NCI	Fishman, Paul	GHRI	KPNW, KPCO, HFHS		6/22/2007	4/30/2010	VDW	Planned improved VDW capture of chemotherapy and chemotherapy cost data	retrospective observational	
Childhood, Adolescent and Young Adult Cancer Survivors	NCI	Greene, Sarah	GHRI	KPNC	Wake Forest University	5/1/2009	4/30/2010	VDW	Identification of cohort of child, adolescent and young adult cancer survivors	retrospective observational	
Medical Radiation Induced Cancers	NCI	Miglioretti, Diana	GHRI	KPNC, MCRF, KPGA, KPNW, KPHI, HFHS	UCSF	5/1/2009	4/30/2010	VDW, chart review (manual and automated)	Improved VDW capture of radiation data.	retrospective observational	
Socioeconomic Diversity in Integrated Healthcare Delivery Systems	NCI	Doubeni, Chyke	MPCI	KPGA, LCF		5/1/2008	4/30/2010	VDW, interviews (method unknown)	Added SES variables to a shareable analytic dataset for studies of racial disparities	retrospective observational	
Medical Care Burden of Cancer: System and Data Issues	NCI	Hornbrook, Mark C.	KPNW	KPCO, GHRI, HFHS		12/1/2006	11/30/2009	VDW, SEER-Medicare, non-VDW plan data	Costing algorithms based on VDW and health plan data, combining VDW with SEER-Medicare data	retrospective observational	

Project Title	Funder	Principal Investigator	PI Site	HMORN Sites	Non-HMORN Sites	Start Date	End Date	Data Collected	Data products	Study Design	Keywords
Decision-Making Competence and Aging	NIA	Finucane, Melissa	KPHI	KPNW		6/30/2007	7/1/2009	VDW, Paper charts and EMR, In-person survey		Empirical, Quantitative, Experimental	Disease Risk Recognition, Aging, Symptom-disease Judgments, Multiple Cue Probability Learning, Social Judgment Theory, Diabetes
Development of a Versatile Geospatial Database within the CRN	NCI	Cook, Andrea	GHRI			5/1/2008	4/30/2009	VDW, geospatial database, web survey of CRN site interest in geocoding		retrospective observational	mammography, travel time, integrated delivery system, breast carcinoma, breast cancer therapy
Chemotherapy and Coinsurance: The Effect of Cost Sharing on Cancer Care	NCI	Ritzwoller, Debra	KPCO	KPGA		5/1/2008	4/30/2009	VDW, chart review	Time series regression methods	retrospective cohort	
Multiplex Genetic Testing Susceptibility Initiative	NCI	Larson, Eric	GHRI	HFHS		3/1/2006	4/30/2009	VDW, web survey, phone survey, biospecimen collection		RCT	
Is stroke a late effect of chemotherapy?	NCI	Geiger, Ann	Wake Forest University	GHRI, HFHS, KPCO, KPNC	City of Hope Cancer Center	7/1/2006	1/30/2009	VDW		retrospective cohort	breast neoplasms; chemotherapy; clinical research; neoplasm /cancer; stroke
Health and Economic Burden of Cardio-Metabolic Risk Factors	United Biosource	Boudreau, Denise	GHRI	KPCO		10/1/2005	10/1/2008	VDW data supplemented by other electronic data		Observational Study	

Project Title	Funder	Principal Investigator	PI Site	HMORN Sites	Non-HMORN Sites	Start Date	End Date	Data Collected	Data products	Study Design	Keywords
Extent of Maternal Morbidity in a Managed Care Setting	CDC	Hornbrook, Mark C.	KPNW	KPGA		10/1/2006	9/30/2008	VDW, non-VDW plan data, paper charts, EMR	Algorithms for: pregnancy episode; mother-baby link; birth certificate matching; newborn identification; identification of pregnant women with gestational diabetes; maternal morbidity; pregnancy vital signs; maternal depression; birth defect identification	Existing data observational	
Methods for Estimating the Incidence and Prevalence of Amyotrophic Lateral Sclerosis in the U.S. Population	CDC	Hornbrook, Mark C.	KPNW	KPNC, KPSC, KPGA, HFHS		9/1/2007	8/31/2008	VDW, non-DW plan data, paper charts, EMR	Validated list of individuals with ALS from the participating sites	Case identification	
CanCORS Year 7	NCI	Weeks, Jane	Dana Farber Cancer Institute	KPNW, GHRI, KPHI, HFHS, HPHC		9/1/2007	8/31/2008	VDW, non-VDW plan data, paper charts, EMR, phone survey of patients, web survey of physicians			
Diffusion of Intraperitoneal Chemotherapy for Ovarian Cancer	NCI	Wagner, Edward	GHRI	KPSC, HPHC, HPRF, KPCO, KPHI, KPGA, MPCI, HFHS		9/1/2006	4/30/2008	VDW, chart review	Improved VDW capture of chemotherapy data	retrospective cohort	validation of automated clinical data, chemotherapy, medical chart, tumor registry, ovarian cancer

Project Title	Funder	Principal Investigator	PI Site	HMORN Sites	Non-HMORN Sites	Start Date	End Date	Data Collected	Data products	Study Design	Keywords
Breast Cancer Treatment Effectiveness in Older Women (BOW I)	NCI	Silliman, Rebecca	Boston Medical Center	MPCI, HFHS, HPRF, GHRI, KPSC, LCF	Weill Cornell Medical School, Wake Forest University, Boston U School of PH, Yale	2/1/2003	12/31/2006	VDW, abstraction from EMR		Retrospective cohort study	cancer control, effectiveness, infrastructure
Multi-institutional Consortium for CER in Diabetes Treatment and Prevention (PROSPECT)	AHRQ	Selby, Joe	KPNC	KPNW, KPSC, GHRI, HPRF, KPCO, MHS, GHS, KPHI, KPGA, HFHS,				VDW data; Non-VDW electronic data; Medical record review; patient survey (method of survey collection to be determined)			diabetes, comparative effectiveness