

Inventory of Measures Using All-Payer Claims Databases

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All-Payer Claims Database Measure Inventory

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF [*] No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Back pain	Not applicable	Cost	Not applicable	Cost of care for common back pain conditions initiated with chiropractic doctor versus M.D. or D.O. as first physician: experience of one Tennessee-based general health insurer	NA	Liliedahl	http://www.sciencedirect.com/science/article/pii/S0161475410002162	Not specified	Yes	Reimbursement	Episode of care	Blue Cross Blue Shield of TN claims	Lit review	16	None.	No
Back pain	Imaging	Quality	Process	Use of Imaging Studies for Low Back Pain: Percentage of Patients With a Primary Diagnosis of Low Back Pain Who Did Not Have an Imaging Study (Plain X Ray, MRI, CT Scan) Within 28 Days of the Diagnosis. National Quality Measures Clearinghouse (NQMC): 009950	0052	National Committee for Quality Assurance (NCQA)	http://www.qualitymeasures.ahrq.gov/content.aspx?id=48835&search=use+of+imaging+studies+for+low+back+pain	Adult	No	Not applicable	Facility, integrated delivery system	Administrative claims	NQMC/NQF	154	The measure is reported as an inverted rate (1 – [numerator/eligible population]). A higher score indicates appropriate treatment of low back pain (i.e., the proportion for whom imaging studies did not occur). Note from NQMC: For this measure, there are both Electronic and Hybrid specifications. This NQMC measure summary is based on the Electronic specification. Refer to the original measure documentation for details on the Hybrid specification.	No

* NQF=National Quality Forum; NA=not applicable.

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Back pain	Not applicable	Utilization	Not applicable	Back Surgery: Rates per 1,000 commercially insured members, ages 20–64	NA	Onpoint Health Data	http://gmcboard.vermont.gov/hit/vhcures/analytcs-rpts http://gmcboard.vermont.gov/sites/gmcb/files/files/Vhcures/Tri-State-Commercial-Variation.pdf	Adult	Yes	Not applicable	State, region	Combined analysis of the northern New England States (Maine, New Hampshire, and Vermont) using statewide all-payer commercial claims data	APCD	710	None.	No
Back pain	Imaging	Cost	Not applicable	Impact of healthcare price transparency on price variation: the New Hampshire experience	NA	Center for Studying Health System Change	http://www.hschange.org/CONTENT/1095/	Not specified	No	Reimbursements by both insurer and patient for both facility and professional fees	State	Claims data	APCD	714	None.	No
Back pain	Not applicable	Quality	Process	Optimal Care for Acute Low Back Pain	NA	HealthPartners	https://www.healthpartners.com/ucm/groups/public/@hp/@public/documents/documents/entry_179816.pdf	Adult	No	Not applicable	Health plan, health system, medical group	Administrative claims	Quality website	1367	None.	No
Cardiac	Acute myocardial infarction (AMI)	Quality	Outcomes	Proportion of Patients Hospitalized With AMI That Have a Potentially Avoidable Complication (During the Index Stay or in the 30-Day Post-Discharge Period)	0704	Health Care Incentives Improvement Institute (HCI3)	http://www.hci3.org/content/proportion-hospitalized-amipneumonias-troke-have-potentially-avoidable-complication	Adult	Yes	Not applicable	Facility, integrated delivery system	Administrative claims	Misc [†]	84	Does not seem to be publicly available. Endorsement removed August 2015.	No

[†] Misc=Miscellaneous.

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Cardiac	Coronary artery disease (CAD)	Quality	Process	Adherence to Statin Therapy for Individuals With Coronary Artery Disease	0543	Centers for Medicare & Medicaid Services (CMS)	http://www.qualityforum.org/QP/S/MeasureDetails.aspx?standardsID=872&print=0&entityTypeID=1	Adult	No	Not applicable	State, doctor group, health plan, integrated delivery system	Administrative claims	NQF	395	None.	No
Cardiac	Cholesterol	Quality	Process	Dyslipidemia New Med 12-Week Lipid Test	0583	Resolution Health, Inc.	http://www.qualityforum.org/QP/S/0583	Adult	No	Not applicable	Clinician: group/practice, clinician: individual, health plan, integrated delivery system, population: county or city	Administrative claims	NQF	408	None.	No
Cardiac	AMI	Quality	Process	Post MI: ACE Inhibitor or ARB Therapy [ACE= angiotensin-converting enzyme ARB= angiotensin receptor blocker]	0594	Resolution Health, Inc.	http://www.qualityforum.org/QP/S/0594	Adult	No	Not applicable	Clinician: group/practice, clinician: individual, health plan, integrated delivery system, population: county or city	Administrative claims, electronic clinical data: pharmacy	NQF	416	None.	No
Cardiac	AMI	Quality	Process	Persistence of Beta-Blocker Treatment After a Heart Attack	0071	NCQA	http://www.qualityforum.org/QP/S/0071	Adult	No	Not applicable	Health plan, integrated delivery system	Administrative claims, electronic clinical data, electronic clinical data: pharmacy, paper medical records	NQF	427	None.	No

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Cardiac	Percutaneous coronary intervention (PCI)	Quality	Process	Adherence to Antiplatelet Therapy After Stent Implantation	2379	CMS	http://www.qualityforum.org/QPS/2379	Adult	No	Not applicable	Clinician: group/ practice, health plan, integrated delivery system, population: State	Administrative claims	NQF	461	None.	No
Cardiac	Congestive heart failure (CHF)	Quality	Process	Ambulatory Sensitive Condition Admissions: Congestive Heart Failure	0277	AHRQ	http://blueprintforhealth.vermont.gov/node/680 (original source); current information available at http://blueprintforhealth.vermont.gov/community-health-profiles	Adult	No	Not applicable	Metropolitan service area or county	Covered commercial, full Medicaid, and Medicare members in APCD	APCD	524	EW: Compare the two measure descriptions given.	No
Cardiac	CHF	Utilization	Not applicable	Heart Failure per 100,000 Population (PQI 08)	NA	AHRQ	http://www.qualityindicators.ahrq.gov/Downloads/Modules/PQI/V50/TechSpecs/PQI_08_Heart_Failure_Admission_Rate.pdf	Adult	No	Not applicable	State	Administrative claims	APCD	734	None.	No
Cardiac	Not applicable	Other	Not applicable	Cardiovascular Diseases and Circulatory Disorders—Prevalence	NA	New Hampshire Comprehensive Health Care Information System (NH CHIS)	http://www.dhhs.nh.gov/ombp/documents/cardiovascular.pdf	Adult	Not stated	Not applicable	State	NH Medicaid and NH CHIS commercial administrative eligibility and claims data	APCD	796	Any circulatory disorder, including dyslipidemia; CAD, AMI, CHF, cerebrovascular disease. Also, members “at risk” for circulatory disease: hypertension but no other circulatory disease; dyslipidemia but no other circulatory disease.	No

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Cardiac	CAD	Cost, Utilization	Not applicable	Coronary Artery Disease–Prevalence, Utilization, and Payments	NA	NH CHIS	http://www.dhhs.nh.gov/ombp/documents/cardiovascular.pdf	Adult	Yes	Member's portion of reimbursement	State	NH Medicaid and NH CHIS commercial administrative claims data, including eligibility data used to exclude dual eligibles	APCD	798	Member months for members with condition; total payments for members with condition (millions); outpatient emergency department visits; office/clinic visits; inpatient discharges; payments per member per month; outpatient emergency department visits per 1,000 members; office/clinic visits per 1,000 members; inpatient discharges per 1,000 members.	No
Cardiac	CHF	Cost, Utilization	Not applicable	Congestive Heart Failure–Prevalence	NA	NH CHIS	http://www.dhhs.nh.gov/ombp/documents/cardiovascular.pdf	Adult	Yes	Member's portion of reimbursement	State	NH Medicaid and NH CHIS commercial administrative claims data, including eligibility data used to exclude dual eligibles	APCD	800	Member months for members with condition; total payments for members with condition (millions); outpatient emergency department visits; office/clinic visits; inpatient discharges; payments per member per month; outpatient emergency department visits per 1,000 members; office/clinic visits per 1,000 members; inpatient discharges per 1,000 members.	No
Cardiac	Not applicable	Other	Not applicable	Members “At Risk” for Cardiovascular or Circulatory Disease	NA	NH CHIS	http://www.dhhs.nh.gov/ombp/documents/cardiovascular.pdf	Adult	Not stated	Not applicable	Health plan	NH Medicaid and NH CHIS commercial administrative eligibility and claims data	APCD	801	None.	No
Cardiac	Tests	Cost	Not applicable	Myocardial Imaging (Outpatient)	NA	New Hampshire Insurance Department (NHID)	http://nhhealthcost.nh.gov/costs/select	Not specified	No	Reimbursement by both insurer and patient	Facility	Administrative claims	APCD	1025	Uses median because it is more difficult to use the median payment to back out insurer contracted rates.	No

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Cardiac	Cholesterol	Quality	Process	Heart Disease: Cholesterol-Lowering Medication	NA	American College of Cardiology and American Heart Association	https://wacomcommunitycheckup.org/media/1297/2015-community-checkup-technical-specifications.pdf	Adult	No	Not applicable	County, hospital, doctor group, doctor	Administrative claims	Quality website	1075	None.	No
Cardiac	PCI	Cost	Not applicable	Angioplasty: Average Allowed Amounts for Possible Services Associated With This Procedure	NA	Virginia Health Information (VHI)	http://www.vhi.org/healthcarepricing/procedure.asp?id=ANG21	Not specified	No	Reimbursement, including facility and professional fees	State	Nine insurance carriers	Website	1117	Current Procedural Terminology (CPT) codes not provided. Stratified by type of provider (hospital, ambulatory surgery center, etc.).	No
Cardiac	AMI	Quality	Process	Outpatients With Chest Pain or Possible Heart Attack Who Got Aspirin Within 24 Hours of Arrival	0092	American Medical Association (AMA)-convened Physician Consortium for Performance Improvement	http://www.medi-q.org/client_kansas_city_mo/	Adult	No	Not applicable	Hospital	Administrative claims, electronic clinical data, electronic clinical data: electronic health record, electronic clinical data: registry, paper medical records	Quality website	1168	Requires CPT-II codes if administrative data only.	No
Cardiac	CAD	Quality	Process	Daily Aspirin or Antiplatelet for Diabetes Patients With the Diagnosis of Ischemic Vascular Disease (IVD) Unless Contraindicated	NA	Wisconsin Collaborative for Healthcare Quality (WCHQ)	http://onlinecommunity.wchq.org/resource/collecion/870E08CA-8FC6-404E-A94D-420057B180F1/WCHQ_8_-_Diabetes_Care_-_Daily_Aspirin_or_Other_Antiplatelet.doc	Adult	No	Not applicable	Doctor	Administrative claims, medical record review, encounter data	Quality website	1394	Original measure specifications are for medical record review; however, could be done using only claims data.	No

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Cardiac	CAD	Cost, Utilization	Not applicable	Coronary Artery Disease–Utilization	NA	NH CHIS	http://www.dhhs.nh.gov/ombp/documents/cardiovascular.pdf	Adult	Yes	Member's portion of reimbursement	State	NH Medicaid and NH CHIS commercial administrative claims data, including eligibility data used to exclude dual eligibles	APCD	1512	Member months for members with condition; total payments for members with condition (millions); outpatient emergency department visits; office/clinic visits; inpatient discharges; payments per member per month; outpatient emergency department visits per 1,000 members; office/clinic visits per 1,000 members; inpatient discharges per 1,000 members.	No
Cardiac	CAD	Cost, Utilization	Not applicable	Coronary Artery Disease–Payments	NA	NH CHIS	http://www.dhhs.nh.gov/ombp/documents/cardiovascular.pdf	Adult	Yes	Member's portion of reimbursement	State	NH Medicaid and NH CHIS commercial administrative claims data, including eligibility data used to exclude dual eligibles	APCD	1513	Member months for members with condition; total payments for members with condition (millions); outpatient emergency department visits; office/clinic visits; inpatient discharges; payments per member per month; outpatient emergency department visits per 1,000 members; office/clinic visits per 1,000 members; inpatient discharges per 1,000 members.	No

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Cardiac	CHF	Cost, Utilization	Not applicable	Congestive Heart Failure—Utilization	NA	NH CHIS	http://www.dhhs.nh.gov/ombp/documents/cardiovascular.pdf	Adult	Yes	Member's portion of reimbursement	State	NH Medicaid and NH CHIS commercial administrative d claims data, including eligibility data used to exclude dual eligibles	APCD	1514	Member months for members with condition; total payments for members with condition (millions); outpatient emergency department visits; office/clinic visits; inpatient discharges; payments per member per month; outpatient emergency department visits per 1,000 members; office/clinic visits per 1,000 members; inpatient discharges per 1,000 members.	No
Cardiac	CHF	Cost, Utilization	Not applicable	Congestive Heart Failure—Payments	NA	NH CHIS	http://www.dhhs.nh.gov/ombp/documents/cardiovascular.pdf	Adult	Yes	Member's portion of reimbursement	State	NH Medicaid and NH CHIS commercial administrative claims data, including eligibility data used to exclude dual eligibles	APCD	1515	Member months for members with condition; total payments for members with condition (millions); outpatient emergency department visits; office/clinic visits; inpatient discharges; payments per member per month; outpatient emergency department visits per 1,000 members; office/clinic visits per 1,000 members; inpatient discharges per 1,000 members.	No
Childbirth or reproductive health	Vaginal or cesarean delivery	Quality	Outcomes	Obstetrics: Risk-Adjusted Rate of Urgent Readmission for the Obstetric Patient Group NQMC:010031	NA	Canadian Institute for Health Information	http://www.qualitymeasures.ahrq.gov/content.aspx?id=48967	Not specified	Yes	Not applicable	Hospital	Administrative clinical data	NQMC	127	None.	No
Childbirth or reproductive health	Prenatal care	Quality	Process	Frequency of Ongoing Prenatal Care (FPC)	1391	NCQA	http://www.qualityforum.org/QPS/1391	Not specified	No	Not applicable	Health plan, integrated delivery system	Administrative claims OR electronic OR paper medical records	NQF	437	Can be operationalized with administrative claims, but NCQA has also provided medical record (paper and electronic) instructions.	No

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Childbirth or reproductive health	Prenatal and postpartum care	Quality	Process	Prenatal & Postpartum Care (PPC)	1517	NCQA	http://www.qualityforum.org/QP/S/1517	Not specified	No	Not applicable	Health plan, integrated delivery system	Administrative claims, electronic clinical data, paper medical records	NQF	443	Can be operationalized with administrative claims, but NCQA has also provided medical record (paper and electronic) instructions.	No
Childbirth or reproductive health	Vaginal or cesarean delivery	Utilization	Not applicable	Vaginal Deliveries: Utilization per Thousand Members by Geography	NA	Center for Improving Value in Health Care (CIVHC)	http://www.civhc.org/getmedia/e8ad27c0-60f3-4464-963a-ad7c2e838fe5/APCD_Static_Report_VaginalDeliveries.pdf.aspx (original source). Website has been revamped and data are now at http://www.civhc.org/get-data/interactive-data/shop-for-care/ .	Not specified	No	Not applicable	County, Hospital	Administrative claims: 12 largest commercial payers in Colorado	APCD	555	Illness burden given next to cost numbers, providing some small amount of risk adjustment/context for interpretation of numbers.	No
Childbirth or reproductive health	Vaginal or cesarean delivery	Utilization	Not applicable	Overall volume of commercially insured deliveries: C-Section and Vaginal Combined	NA	NH CHIS	https://www.nh.gov/insurance/reports/documents/commins_study_delivery.pdf	Not specified	No	Not applicable	Hospital	NH Medicaid claims data	APCD	639	Data on page 3 of the report.	No
Childbirth or reproductive health	Vaginal or cesarean delivery	Quality	Outcomes	C-Section Rates	NA	NH CHIS	https://www.nh.gov/insurance/reports/documents/commins_study_delivery.pdf	Not specified	No	Not applicable	State	NH Medicaid claims data	APCD	640	Data on page 4 of the report.	No

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Childbirth or reproductive health	Vaginal or cesarean delivery	Cost	Not applicable	C-Section and Vaginal Delivery Charges and Payments	NA	NH CHIS	https://www.nh.gov/insurance/reports/documents/commins_study_delivery.pdf	Not specified	No	Charges, reimbursement	Hospital	NH CHIS claims data	APCD	641	Before 2008, delivery diagnosis-related groups (DRGs) included 370, 371, 372, 373, 374, and 375. Admissions were identified as C-sections when DRGs 370 and 371 were used. Beginning with 2008, delivery DRGs included 765, 766, 767, 768, 774, and 775. C-sections were identified with DRGs 765 and 766. Normal newborns were identified in 2009 data based on DRG 795, and high-risk neonates with DRGs 789, 790, 791, 792, 793, and 794.	No
Childbirth or reproductive health	Prenatal care	Cost	Not applicable	Impact of healthcare price transparency on price variation: the New Hampshire experience. Table 1. Variation in Payments for Select Outpatient Procedures - Hospitals: Ultrasound - Pregnancy	NA	NHID	http://www.hschange.org/CONTENT/1095/	Not specified	No	Reimbursements by both insurer and patient for both facility and professional fees	State	Claims data	APCD	715	Member months for members with condition; total payments for members with condition (millions); outpatient emergency department visits; office/clinic visits; inpatient discharges; payments per member per month; outpatient emergency department visits per 1,000 members; office/clinic visits per 1,000 members; inpatient discharges per 1,000 members.	No

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Childbirth or reproductive health	Prenatal care	Cost	Not applicable	Impact of healthcare price transparency on price variation: the New Hampshire experience. Table 1. Variation in Payments for Select Outpatient Procedures - Non-Hospital Providers: Ultrasound - Pregnancy	NA	NHID	http://www.hschange.org/CONTENT/1095/	Not specified	No	Reimbursements by both insurer and patient for both facility and professional fees	State	Claims data	APCD	720	Member months for members with condition; total payments for members with condition (millions); outpatient emergency department visits; office/clinic visits; inpatient discharges; payments per member per month; outpatient emergency department visits per 1,000 members; office/clinic visits per 1,000 members; inpatient discharges per 1,000 members.	No
Childbirth or reproductive health	Prenatal care	Cost	Not applicable	Impact of healthcare price transparency on price variation: the New Hampshire experience. Table 2. Ratio of Payments for Hospital and Non-Hospital Providers for Select Outpatient Procedures: Ultrasound - Pregnancy	NA	NHID	http://www.hschange.org/CONTENT/1095/	Not specified	No	Reimbursements by both insurer and patient for both facility and professional fees	State	Claims data	APCD	724	Member months for members with condition; total payments for members with condition (millions); outpatient emergency department visits; office/clinic visits; inpatient discharges; payments per member per month; outpatient emergency department visits per 1,000 members; office/clinic visits per 1,000 members; inpatient discharges per 1,000 members.	No

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Childbirth or reproductive health	Prenatal care	Cost	Not applicable	Impact of healthcare price transparency on price variation: the New Hampshire experience. Supplementary Table 1. Change in Payment for Select Procedures: Ultrasound–Pregnancy	NA	NHID	http://www.hschange.org/CONTENT/1095/	Not specified	No	Reimbursements by both insurer and patient for both facility and professional fees	State	Claims data	APCD	728	Member months for members with condition; total payments for members with condition (millions); outpatient emergency department visits; office/clinic visits; inpatient discharges; payments per member per month; outpatient emergency department visits per 1,000 members; office/clinic visits per 1,000 members; inpatient discharges per 1,000 members.	No
Childbirth or reproductive health	Prenatal care	Cost	Not applicable	Ultrasound - Pregnancy (Outpatient)	NA	NHID	http://nhhealthcost.nh.gov/costs/select	Not specified	No	Reimbursement by both insurer and patient	Facility	Administrative claims	APCD	1028	Uses median because it is more difficult to use the median payment to back out insurer contracted rates.	No
Childbirth or reproductive health	Prenatal care	Cost	Not applicable	Childbirth: Amniocentesis and Chorionic Villus Sampling	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1429	None.	No
Childbirth or reproductive health	Prenatal care	Cost	Not applicable	Childbirth: Common Laboratory Tests (Blood, Urine)	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1430	None.	No
Childbirth or reproductive health	Infertility	Cost	Not applicable	Childbirth: Infertility Diagnosis and Treatment	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1431	None.	No
Childbirth or reproductive health	Vaginal or cesarean delivery	Cost	Not applicable	Common Surgeries: Uterus Surgery: Cesarean-Section	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1502	None.	No

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Childbirth or reproductive health	Vaginal or cesarean delivery	Cost	Not applicable	Vaginal Deliveries: Average Cost per Service by Geography	NA	CIVHC	http://www.civhc.org/getmedia/e8ad27c0-60f3-4464-963a-ad7c2e838fe5/APCD_Static_Report_VaginalDeliveries.pdf.aspx/ (original source). Website has been revamped and data are now at http://www.civhc.org/get-data/interactive-data/shop-for-care/ .	Not specified	No	Reimbursement	County	Claims in CIVHC APCD: Current payers include the 22 largest commercial payers in Colorado (large-group and individual fully insured lines of business) and Medicaid. Small group, self-insured, commercial payers and Medicare are not included.	APCD	1507	Rate of vaginal deliveries per thousand people in the area as well as average facility payments for the top 20 volume facilities and average payments for the top 20 volume counties for vaginal deliveries. (Note: Costs only include the costs billed by the facility from any submitter of claims in the Colorado APCD and do not include the additional, separately billed professional services that can accompany a procedure.) Facilities are currently anonymous. County-level data represent location of residence of the people having vaginal deliveries, not the location where the services were received. All data come directly from the Colorado APCD. Vaginal deliveries is determined by all payer refined diagnostic-related group 560, a specific code generated by the grouping technology that classifies inpatient claims.	No

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Childbirth or reproductive health	Vaginal or cesarean delivery	Cost	Not applicable	Vaginal Deliveries: Average Cost per Service by Facility	NA	CIVHC	http://www.civhc.org/getmedia/e8ad27c0-60f3-4464-963a-ad7c2e838fe5/APCD_Static_Report_VaginalDeliveries.pdf.aspx/_originalsource . Website has been revamped and data are now at http://www.civhc.org/get-data/interactive-data/shop-for-care/ .	Not specified	No	Reimbursement	Deidentified facility	Claims in CIVHC APCD: Current payers include the 12 largest commercial payers in Colorado (large-group and individual fully insured lines of business) and Medicaid. Small-group self-insured commercial payers and Medicare are not included.	APCD	1508	Does not include professional fees.	No
Childbirth or reproductive health	High-risk neonates	Utilization	Not applicable	High-Risk Neonate Percent of Newborns	NA	NH CHIS	https://www.nh.gov/insurance/reports/documents/commins_study_delivery.pdf	Not specified	No	Not applicable	Hospital	Administrative claims	APCD	1511	These measures can be used together as used in the State report to assess relationships between C-section, hospital charges, and severity of illness of overall population.	No
Cross-cutting	Emergency department (ED) use	Cost, Utilization	Not applicable	Building a citywide, all-payer, hospital claims database to improve health care delivery in a low-income, urban community	NA	Gross, et al., 2013	http://www.ncbi.nlm.nih.gov/pubmed/?term=24070246	Not specified	No	Reimbursement	Patient-level, citywide	Local APCD from hospitals	Lit review	7	Used probabilistic matching.	No
Cross-cutting	Not applicable	Cost, Quality	Process	Comparing costs and quality of care at retail clinics with that of other medical settings for 3 common illnesses	NA	Mehrotra, et al., 2009	http://www.ncbi.nlm.nih.gov/pubmed/?term=19721020	Not specified	No	Reimbursement, including patient contributions	Episode, giving planwide estimates	Commercial health plan database	Lit review	13	Good for accountable care for retail clinics. Otitis media quality measure is out of date.	No
Cross-cutting	Care Coordination	Cost, Utilization	Not applicable	Continuity and the costs of care for chronic disease	NA	Hussey, et al., 2014	http://www.ncbi.nlm.nih.gov/pubmed/24638880	Adult	Yes	Reimbursement	Individual	5% sample of Medicare claims files	Lit review	15	Continuity of care index may be useful metric.	No

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Cross-cutting	ED use	Utilization	Not applicable	Emergency department visits after surgery are common for Medicare patients, suggesting opportunities to improve care	NA	Kocher, et al., 2013	http://www.ncbi.nlm.nih.gov/pubmed/?term=24019365	Adult	Yes	Not applicable	Procedure (PCI, coronary artery bypass graft, elective abdominal aortic aneurysm repair, etc.)	100% Medicare claims	Lit review	30	None.	No
Cross-cutting	Not applicable	Cost, Utilization	Not applicable	Evaluating health care delivery reform initiatives in the face of "cost disease"	NA	Thompson, et al., 2015	http://www.ncbi.nlm.nih.gov/pubmed/?term=25029411	Adult	No	Reimbursement	Per capita, per 1,000 members, statewide	Vermont APCD, all individuals covered by commercial insurance and Medicaid	Lit review	33	None.	No
Cross-cutting	Surgical procedures	Cost	Not applicable	Factors associated with geographic variation in cost per episode of care for three medical conditions	NA	Hadley, et al., 2014	http://www.ncbi.nlm.nih.gov/pubmed/?term=24949281	Adult	Yes	Reimbursement	Episode, by county	Medicare claims	Lit review	34	None.	No
Cross-cutting	Cardiac, surgical procedures	Cost	Not applicable	Large increases in spending on postacute care in Medicare point to the potential for cost savings in these settings	NA	Chandra, et al., 2013	http://www.ncbi.nlm.nih.gov/pubmed/?term=23650319	Adult	Yes	Reimbursement	Episode of care	5% sample of Medicare claims files	Lit review	46	None.	No
Cross-cutting	Surgical procedures	Cost	Not applicable	Large variations in Medicare payments for surgery highlight savings potential from bundled payment programs	NA	Miller, et al., 2011	http://www.ncbi.nlm.nih.gov/pubmed/22068403	Adult	Yes	Reimbursement	Hospital	Medicare claims	Lit review	47	None.	No
Cross-cutting	Care coordination	Quality	Process	Measuring care continuity: a comparison of claims-based methods	NA	Pollack, et al., 2016	http://www.ncbi.nlm.nih.gov/pubmed/?term=24309664	Adult	No	Not applicable	Practice, provider	5% sample of Medicare claims files	Lit review	49	Cost only mentioned in general (cost savings generally correlated to continuity of care).	No

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Cross-cutting	Not applicable	Quality	Process	Measuring the performance of individual physicians by collecting data from multiple health plans: the results of a two-state test	>1	Mostly NQF (17 of 22) Paper authors: Higgins, et al., 2011	http://www.ncbi.nlm.nih.gov/pubmed/?term=21471488	Adult	Not stated	Not applicable	Doctor	Project health plans (Aetna, Humana, UnitedHealthcare, CIGNA, and Blue Cross and Blue Shield of Florida) claims, member eligibility, and provider data files	Lit review	50	Paper has details about patient attribution to individual physicians; uses distributed data network model. It is included because it is an approach to individual physician measurement. Additional help from the paper's authors would be needed to fully implement the approach. Although there are multiple measures, this methodology combines them for a specific reason, scientifically, so the combination is being retained.	No
Cross-cutting	Chronic conditions	Cost	Not applicable	Policymakers will need a way to update bundled payments that reflects highly skewed spending growth of various care episodes	NA	Rosen, et al., 2013	http://www.ncbi.nlm.nih.gov/pubmed/?term=23650329	Not specified	Yes	Reimbursement from both insurer and patient	Episode of care	Truven Health MarketScan Commercial Claims and Encounters Database	Lit review	58	None.	No
Cross-cutting	Primary care	Cost	Not applicable	Private insurers' payments for routine physician office visits vary substantially across the United States	NA	Baker, et al., 2013	http://www.ncbi.nlm.nih.gov/pubmed/?term=24019363	Not specified	No	Reimbursement	Provider level, nationally	Truven Health MarketScan Commercial Claims and Encounters Database	Lit review	59	None.	No
Cross-cutting	Chronic conditions	Quality, Utilization, Cost	Process, Outcomes	Quality of care associated with common chronic diseases in a 9-state Medicaid population utilizing claims data: an evaluation of medication and health care use and costs	NA	Priest, et al., 2011	http://www.ncbi.nlm.nih.gov/pubmed/?term=21142926	Not specified	No	Reimbursement	Patients across health plan	Thomson Reuters Marketscan Multi-state Medicaid Database	Lit review	61	See paper for detailed measure specifications.	No

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Cross-cutting	Primary care	Cost	Not applicable	Risk-adjusted payment and performance assessment for primary care	NA	Ash & Ellis, 2012	http://www.ncbi.nlm.nih.gov/pubmed/22525609	Not specified	Yes	Complex formula. See full paper for description.	Provider	MarketScan for development; Capital District Physician's health plan (commercial, Medicaid, Medicare) for test set; clinician focus groups for estimates of time spent on primary care	Lit review	65	Paper does not give all methodological details, but authors argue that they have developed a risk-adjusted payment model for primary care, with utilization measures. Can be used for pediatrics, internal medicine, and family medicine. Had to collaborate with other consultants because some of the desired modelling could not be measured in claims.	No
Cross-cutting	Medications	Utilization	Not applicable	Small geographic area variations in prescription drug use	NA	Weinstein, et al., 2014	http://www.ncbi.nlm.nih.gov/pubmed/25113303	Pediatric	No	Not applicable	Hospital service area (HSA), plan	Northern New England APCD	Lit review	66	Defines commonly used drugs in pediatrics	No
Cross-cutting	Surgical procedures	Utilization, Quality	Outcomes	Strategy, structure, and patient quality outcomes in ambulatory surgery centers (1997-2004)	NA	Chukmaitov, et al., 2011	http://www.ncbi.nlm.nih.gov/pubmed/?term=20829234	Not specified	Yes	Not applicable	Ambulatory surgery center	Florida Agency for Health Care Administration databases, claims	Lit review	67	Colonoscopies and arthroscopies. Location of care varied, along with physician license numbers (not all APCDs will have these). This provides a definition of specialization for ASCs in arthroscopy or colonoscopy, but potentially a limited addition.	No

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Cross-cutting	Chronic conditions	Quality	Outcomes	Proportion of Patients With a Chronic Condition That Have a Potentially Avoidable Complication During a Calendar Year	0709	Altarum Institute	http://www.qualityforum.org/QPS/0709	Adult	Yes	Not applicable	Clinician: group/ practice, health plan, population: county or city, population: national, population: regional, population: State	2-year, national, commercially insured population claims database with 4.7 million covered lives and \$95 billion in "allowed amounts" for claims costs	NQF	87	The database used to test the measure was an administrative claims database with medical as well as pharmacy claims. Per the measure steward, it is important to note that while the overall frequency of hospitalizations for potentially avoidable complications (PACs) was low (for all chronic care conditions summed together, PAC frequency was 6.32% of all PAC occurrences), they amount to more than 58% of the PAC medical costs.	No
Cross-cutting	Primary care	Cost, Utilization	Not applicable	Total Cost of Care Population-based PMPM Index	1604	HealthPartners	http://www.qualityforum.org/QPS/1604	Not specified	Yes	Reimbursement	Population,, provider, condition, patient, procedure	Claims, membership eligibility data	NQF	320	None.	No
Cross-cutting	Not applicable	Cost, Utilization	Not applicable	Payment-Standardized Medicare Spending Per Beneficiary (MSPB)	2158	CMS	http://www.qualityforum.org/QPS/2158	Adult	Yes	Reimbursement	Hospital	Administrative claims	NQF	323	None.	No
Cross-cutting	End of life	Quality	Process	Advance Care Plan	0326	NCQA	http://www.qualityforum.org/QPS/0326	Adult	No	Not applicable	Clinician: group/ practice, clinician: individual	Administrative claims OR electronic medical records	NQF	362	None.	No

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Cross-cutting	Medications	Quality	Process	INR for Individuals Taking Warfarin and Interacting Anti-Infective Medications	0556	CMS	http://www.qualityforum.org/QPS/0556	Not specified	No	Not applicable	Health plan, integrated delivery system, population: State	Administrative claims	NQF	396	Uses Healthcare Common Procedure Coding System (HCPCS) codes to identify those monitoring INR (international normalized ratio, a measure of blood clotting) at home for exclusions, and the International Classification of Diseases, 10 th Revision (ICD-10) to identify individuals with cancer.	No
Cross-cutting	Medications	Quality	Process	INR Monitoring for Individuals on Warfarin	0555	CMS	http://www.qualityforum.org/QPS/0555	Adult	No	Not applicable	Clinician: group/practice, health plan, integrated delivery system, population: State	Administrative claims, electronic clinical data: pharmacy	NQF	398	None.	Yes
Cross-cutting	Medications	Quality	Process	Proportion of Days Covered (PDC): 3 Rates by Therapeutic Category	0541	Pharmacy Quality Alliance (PQA, Inc.)	http://www.qualityforum.org/QPS/0541	Adult	No	Not applicable	Doctor group, health plan	Administrative claims	NQF	399	None.	No
Cross-cutting	Medications	Quality	Process	Annual Monitoring for Patients on Persistent Medications (MPM)	2371	NCQA	http://www.qualityforum.org/QPS/2371	Adult	No	Not applicable	Health plan, integrated delivery system	Administrative claims	NQF	459	None.	No

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Cross-cutting	Chronic conditions	Other	Not applicable	% with selected chronic conditions measure: proportion of members identified through the claims data as having one or more of seven selected chronic conditions: asthma, chronic obstructive pulmonary disease, CHF, coronary heart disease, hypertension, diabetes, and depression	NA	Department of Vermont Health Access	http://blueprintforhealth.vermont.gov/sites/blueprint/files/HSAProfiles/Onpoint%20-%20Supporting%20Documentation%20for%20Blueprint%20HSA%20Profiles%20%28November%202015%29.pdf	Adult	No	Not applicable	HSA	Covered commercial, full Medicaid, and Medicare members in Vermont APCD	APCD	469	For this measure, only claims were used. Other measures in the Blueprint included clinical data (e.g., HbA1c control). Other data sources: DocSite clinical database; Behavioral Risk Factor Surveillance Study, a telephone survey conducted annually by the Vermont Department of Health. PDF: http://blueprintforhealth.vermont.gov/sites/blueprint/files/HSAProfiles/Onpoint%20-%20Supporting%20Documentation%20for%20Blueprint%20HSA%20Profiles%20%28May%202016%29.pdf	No

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Cross-cutting	Not applicable	Other	Not applicable	Health Status measure aggregates 3M™ Clinical Risk Grouper (CRG) classifications for the year in order to generate adjusted rates. Aggregated risk classification groups include: Healthy, Acute (e.g., ear, nose, throat infection) or Minor Chronic (e.g., minor chronic joint pain), Moderate Chronic (e.g., diabetes), Significant Chronic (e.g., diabetes and CHF), and Cancer (e.g., malignant breast cancer) or Catastrophic (e.g., HIV, muscular dystrophy, cystic fibrosis).	NA	Department of Vermont Health Access)	http://blueprintforhealth.vermont.gov/sites/blueprint/files/HSAProfiles/Onpoint%20-%20Supporting%20Documentation%20for%20Blueprint%20HSA%20Profiles%20%28November%202015%29.pdf	Adult	No	Not applicable	HSA	Covered commercial, full Medicaid, and Medicare members in Vermont APCD	APCD	470	For this measure, only claims were used. CRGs use proprietary definitions from 3M. Usually gathered in the course of care, but those interested in using this measure should check that CRGs are in the database. Other measures in the Blueprint included clinical data (e.g., HbA1c control). Other data sources: DocSite clinical database; Behavioral Risk Factor Surveillance Study, a telephone survey conducted annually by the Vermont Department of Health. PDF: http://blueprintforhealth.vermont.gov/sites/blueprint/files/HSAProfiles/Onpoint%20-%20Supporting%20Documentation%20for%20Blueprint%20HSA%20Profiles%20%28May%202016%29.pdf	No
Cross-cutting	Not applicable	Utilization	Not applicable	Total Resource Use Index (excluding Special Medicaid Services line)	NA	Department of Vermont Health Access	http://blueprintforhealth.vermont.gov/sites/blueprint/files/HSAProfiles/Onpoint%20-%20Supporting%20Documentation%20for%20Blueprint%20HSA%20Profiles%20%28November%202015%29.pdf	Not specified	Yes	Allowed amount	HSA	Covered commercial, full Medicaid, and Medicare members in APCD	APCD	472	For this measure, only claims were used. PDF: http://blueprintforhealth.vermont.gov/sites/blueprint/files/HSAProfiles/Onpoint%20-%20Supporting%20Documentation%20for%20Blueprint%20HSA%20Profiles%20%28May%202016%29.pdf .	No

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Cross-cutting	ED use	Utilization	Not applicable	Outpatient ED Visits	NA	Department of Vermont Health Access	http://blueprintforhealth.vermont.gov/sites/blueprint/files/HSAProfiles/Onpoint%20-%20Supporting%20Documentation%20for%20Blueprint%20HSA%20Profiles%20%28November%202015%29.pdf	Adult	Yes	Not applicable	HSA	Covered commercial, full Medicaid, and Medicare members in APCD	APCD	474	Measurement performed at the practice level but then aggregated to HSA level, which is what is reported publicly. The risk adjustment is for the practice-level variations in payer mix. PDF: http://blueprintforhealth.vermont.gov/sites/blueprint/files/HSAProfiles/Onpoint%20-%20Supporting%20Documentation%20for%20Blueprint%20HSA%20Profiles%20%28May%202016%29.pdf .	No
Cross-cutting	Imaging	Utilization	Not applicable	Advanced Imaging (MRIs, CTs)	NA	Department of Vermont Health Access	http://blueprintforhealth.vermont.gov/sites/blueprint/files/HSAProfiles/Onpoint%20-%20Supporting%20Documentation%20for%20Blueprint%20HSA%20Profiles%20%28November%202015%29.pdf	Adult	Yes	Not applicable	HSA	Covered commercial, full Medicaid, and Medicare members in APCD	APCD	475	Measurement performed at the practice level but then aggregated to HSA level, which is what is reported publicly. The risk adjustment is for the practice-level variations in payer mix. PDF: http://blueprintforhealth.vermont.gov/sites/blueprint/files/HSAProfiles/Onpoint%20-%20Supporting%20Documentation%20for%20Blueprint%20HSA%20Profiles%20%28May%202016%29.pdf .	No
Cross-cutting	Patient safety	Quality	Process	Falls: Screening for Fall Risk	0101	NCQA	http://blueprintforhealth.vermont.gov/node/680 (original source); information now available at http://blueprintforhealth.vermont.gov/community-health-profiles	Adult	Yes	Not Applicable	Clinician: group/practice, clinician: individual	Covered commercial, full Medicaid, and Medicare members in APCD	APCD	514	Uses CPT codes for fall assessment documentation. Website that describes the codes: http://knowledgebase.practicefusion.com/knowledgebase/articles/485841-cqm-falls-screening-for-future-fall-risk-cms-13 . Otherwise, contact NCQA, http://www.ncqa.org .	No

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Cross-cutting	Primary care	Utilization	Not applicable	Office and Clinic Visits	NA	Dartmouth Atlas of Children's Health Care in Northern New England	http://www.dartmouthatlas.org/downloads/atlas/NNE_Pediatric_Atlas_121113.pdf	Pediatric	Yes	Not applicable	HSA	Harmonized dataset developed for this project by Onpoint Health Data using six data sources: commercial APCD and Medicaid claims from Maine, New Hampshire, and Vermont (see Methods)	APCD	531	Top 20 office visit diagnoses are given, showing percentage of visits by diagnosis. Adjusted for percent Medicaid children in HSA, age, sex.	No
Cross-cutting	ED use	Utilization	Not applicable	Emergency Room Visits	NA	Dartmouth Atlas of Children's Health Care in Northern New England	http://www.dartmouthatlas.org/downloads/atlas/NNE_Pediatric_Atlas_121113.pdf	Pediatric	Yes	Not applicable	HSA	Harmonized dataset developed for this project by Onpoint Health Data using six data sources: commercial APCD and Medicaid claims from Maine, New Hampshire, and Vermont (see Methods)	APCD	533	Adjusted for percent Medicaid children in HSA, age, sex.	No

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Cross-cutting	Surgical procedures	Utilization	Not applicable	Common Surgical Procedures: tonsillectomies, adenoidectomies, tympanostomy tube placement	NA	Dartmouth Atlas of Children's Health Care in Northern New England	http://www.dartmouthatlas.org/downloads/atlas/NNE_Pediatric_Atlas_121113.pdf	Pediatric	Yes	Not applicable	Pediatric surgical area	Harmonized dataset developed for this project by Onpoint Health Data using six data sources: commercial APCD and Medicaid claims from Maine, New Hampshire, and Vermont (see Methods)	APCD	546	Adjusted for percent Medicaid children in pediatric surgical area, age, sex. Appendectomies are mentioned as a common surgical procedure but are not included in the report.	No
Cross-cutting	Imaging	Utilization	Not applicable	Diagnostic Imaging: head CT scans, chest or abdominal CT scans, head MRI scans, chest and abdominal diagnostic x-rays	NA	Dartmouth Atlas of Children's Health Care in Northern New England	http://www.dartmouthatlas.org/downloads/atlas/NNE_Pediatric_Atlas_121113.pdf	Pediatric	Yes	Not applicable	HSA	Harmonized dataset developed for this project by Onpoint Health Data using six data sources: commercial APCD and Medicaid claims from Maine, New Hampshire, and Vermont (see Methods)	APCD	547	None.	No

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Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Cross-cutting	Medications	Utilization	Not applicable	Overall Prescription Use Volume	NA	Dartmouth Atlas of Children's Health Care in Northern New England	http://www.dartmouthatlas.org/downloads/atlas/NNE_Pediatric_Atlas_121113.pdf	Pediatric	Yes	Not applicable	HSA	Harmonized dataset developed for this project by Onpoint Health Data using six data sources: commercial APCD and Medicaid claims from Maine, New Hampshire, and Vermont (see Methods)	APCD	548	None.	No
Cross-cutting	Medications	Utilization	Not applicable	Commonly Used Non-Psychiatric Medications: antibiotics, gastric acid suppressing medications	NA	Dartmouth Atlas of Children's Health Care in Northern New England	http://www.dartmouthatlas.org/downloads/atlas/NNE_Pediatric_Atlas_121113.pdf	Pediatric	No	Not applicable	Population: State	Harmonized dataset developed for this project by Onpoint Health Data using six data sources: commercial APCD and Medicaid claims from Maine, New Hampshire, and Vermont (see Methods)	APCD	550	Two distinct measures were used for reporting rates and variation in prescription use: prescription fill rates and percentage of children receiving one or more prescriptions for a specific drug type. The two measures complement each other. For example, the rate of antibiotic use was 82 fills per 100 person years, compared with 56 for attention deficit hyperactivity disorder (ADHD) medication use. But 35.7% of all children studied received at least one antibiotic, while 5.8% of all children received at least one prescription fill for an ADHD medication. Antibiotic use was distributed across a much larger percentage of the population than the ADHD medication use.	Yes

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Cross-cutting	Not applicable	Cost	Not applicable	Per capita cost of care, Medicaid population, ages 0-64	NA	CIVHC	http://civhc.org/getmedia/359d4d6d-4259-410b-a680-0c2ffa0794ba/Medicaid-Per-Capita-Cost-of-Care-Map-2011.gif.aspx (original source). Website has been revamped and data are now at http://www.civhc.org/get-data/interactive-data/shop-for-care/ .	Not specified	No	Reimbursement	State, county	APCD, "does not include costs for which claims are not submitted" such as HMOs or substance abuse	APCD	553	None.	No
Cross-cutting	Not applicable	Cost	Not applicable	Commercial Payer Per Capita Cost of Care by County	NA	CIVHC		Not specified	No	Reimbursement	State, county	APCD only. Commercially insured only; excludes LTC, dental, substance abuse	APCD	554	Illness burden given next to cost numbers, providing some small amount of risk adjustment/context for interpretation of numbers	No
Cross-cutting	Imaging	Utilization	Not applicable	Rate of high cost imaging services per thousand people in the geographical area	NA	CIVHC		Not specified	No	Not applicable	County, Hospital	Colorado APCD	APCD	558	Illness burden given next to cost numbers, providing some small amount of risk adjustment/context for interpretation of numbers	No
Cross-cutting	Imaging	Cost	Not applicable	Average facility payments for high cost imaging for the top 20 volume facilities+F93	NA	CIVHC		Not specified	No	Reimbursement	Facilities	APCD (stated clearly)	APCD	559	None.	No
Cross-cutting	Imaging	Cost	Not applicable	Average payments for high cost imaging for the top 20 volume counties	NA	CIVHC		Not specified	No	Reimbursement	County	APCD (stated clearly)	APCD	560	None.	No

Measure Characteristics				Overall Measure Inventory Details											Deep Dive Measure Inventory Details	
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Cross-cutting	Surgical procedures	Cost	Not applicable	Average charges and payments by procedure/payer	NA	CIVHC		Not specified	No	Charges, Reimbursements	Statewide Average for Large Volume Hospitals	APCD	APCD	568	This is a statewide analysis	No
Cross-cutting	Primary Care	Quality	Process	Percent of Children With Access to PCP by Plan Type	NA	NCQA HEDIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	No	Not applicable	Plan	APCD: Medicaid, SCHIP (State Children's Health Insurance Program), Commercial	APCD	609	None.	No
Cross-cutting	ED use	Utilization	Not applicable	Outpatient ED Visit Rates per 1,000 Members by Age	NA	NH Department of Health and Human Services/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	Yes	Not applicable	Plan	APCD claims, including Medicaid, SCHIP, commercial	APCD	630	None.	No
Cross-cutting	Not applicable	Utilization	Not applicable	Outpatient ED and Office/Clinic Visit Rates per 1,000 Members by Age and Plan Type	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	Yes	Not applicable	Plan	APCD claims, including Medicaid, SCHIP, commercial	APCD	631	None.	No
Cross-cutting	ED use	Utilization	Not applicable	Outpatient ED Visit Rates per 1,000 Members for Selected Conditions	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	No	Not applicable	Plan	APCD claims, including Medicaid, SCHIP, commercial	APCD	632	None.	No
Cross-cutting	Primary care, ED use	Cost	Not applicable	Outpatient ED and Office/Clinic Visit Payments for Selected Conditions	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	No	Payments (both insurer and patient contributions)	State	APCD claims, including Medicaid, SCHIP, commercial	APCD	633	None.	No
Cross-cutting	Not applicable	Cost	Not applicable	Unadjusted Payment Rates PMPM by Plan Type	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	No	Reimbursement	State	APCD claims, including Medicaid, SCHIP, commercial with Rx linked	APCD	634	None.	No

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Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Cross-cutting	Not applicable	Cost	Not applicable	Adjusted Payment Rates PMPM by Plan Type	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	Yes	Reimbursement	State	APCD claims, including Medicaid, SCHIP, commercial	APCD	635	None.	No
Cross-cutting	Not applicable	Cost	Not applicable	Payment Rates PMPM by Age and Plan Type	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	No	Reimbursement	State	APCD claims, including Medicaid, SCHIP , commercial with Rx linked	APCD	636	None.	No
Cross-cutting	Not applicable	Other	Not applicable	Health Status (Average CRG Risk Score) by Child's Household Poverty Level (Children With Continuous Enrollment Only)	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	No	Not applicable	Plan, stratified by poverty level	APCD claims, including Medicaid, SCHIP, commercial	APCD	637	CRG=Clinical Risk Groups..	No
Cross-cutting	Not applicable	Cost, Utilization	Not applicable	Medicaid Utilization and Payments Comparison by Poverty Level	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	Yes	Reimbursement	State	APCD: Medicaid	APCD	638	None.	No
Cross-cutting	Not applicable	Cost	Not applicable	Percent of Healthcare Costs by Type of Service	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Pediatric	No	Reimbursement	State	Commercial health insurance claims	APCD	648	Contact is David Arcilesi.	No
Cross-cutting	Not applicable	Utilization	Not applicable	Percent of Healthy Members Submitting Claims by Type of Service	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Pediatric, Adult	No	Not applicable	State	Commercial health insurance claims	APCD	649	Definition of healthy people described on page 4 of the report.	No
Cross-cutting	Labs	Cost	Not applicable	Average Cost for Preventive Care: Lipid Testing	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Adult	No	Reimbursement	State	Commercial health insurance claims	APCD	654	None.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Cross-cutting	Medications	Utilization	Not applicable	Top 15 Pharmaceutical Classifications Prescribed to Healthy Males (Percentage of Dollars Spent)	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Pediatric, Adult	No	Reimbursement	State	Commercial health insurance claims	APCD	660	Limited information available. Contact measure steward for additional details.	No
Cross-cutting	Medications	Utilization	Not applicable	Top 15 Pharmaceutical Classifications Prescribed to Healthy Females (Percentage of Dollars Spent)	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Pediatric, Adult	No	Reimbursement	State	Commercial health insurance claims	APCD	661	Limited information available. Contact measure steward for additional details.	No
Cross-cutting	Medications	Cost	Not applicable	Percent of Total Dollars Spent on Pharmaceuticals Among Persons Ages 18-64 (Top Ten by Therapeutic Class)	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Adult	No	Reimbursement	State	Commercial health insurance claims	APCD	663	Tech specs not available in report; contact Utah APCD.	No
Cross-cutting	Medications	Cost	Not applicable	Percent of Total Dollars Spent on Pharmaceuticals Among Males Ages 18-64 (Top Ten by Therapeutic Class)	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Adult	No	Reimbursement	State	Commercial health insurance claims	APCD	664	None.	No
Cross-cutting	Medications	Cost	Not applicable	Percent of Total Dollars Spent on Pharmaceuticals Among Females Ages 18-64 (Top Ten by Therapeutic Class)	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Adult	No	Reimbursement	State	Commercial health insurance claims	APCD	665	None.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF ¹ No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Cross-cutting	Access	Utilization	Not applicable	Adults' Access to Preventive/ Ambulatory Health Services: Percentage of Members 20 Years and Older Who Had an Ambulatory or Preventive Care Visit	NA	NCQA HEDIS	https://www.qualitymeasures.ahrq.gov/summaries/summary/49774/adults-access-to-preventive-ambulatory-health-services-percentage-of-members-20-years-and-older-who-had-an-ambulatory-or-preventive-care-visit	Pediatric, Adult	No	Not applicable	Facility type	NH Medicaid administrative eligibility and claims data	APCD	666	Originally from: http://www.dhhs.nh.gov/ombp/documents/primarycare08.pdf . NH Medicaid primary care providers were identified based on procedure codes, revenue codes, specialty type, and category of service identified on claims. All primary care providers were then assigned to one of four practice setting categories—hospital/office-based clinics and outpatient departments, Federally Qualified Health Centers (FQHCs)/Look Alikes (LALs), rural health centers (RHCs), and Dartmouth Hitchcock Clinics (DHCs)—based on category of services billed and provider billing identification numbers. Providers that billed for a procedure or service that could be classified as primary care but that had a specialty type or category of service that was not a traditional primary care setting (e.g., inpatient hospitals, mental health clinics, optometrists) were not assigned to a primary care setting.	No
Cross-cutting	Not applicable	Utilization	Not applicable	Service Utilization	NA	NH CHIS	http://www.dhhs.nh.gov/ombp/documents/primarycare08.pdf	Adult	Yes	Not applicable	Practice type (FQHC, hospital based, etc.)	NH Medicaid administrative eligibility and claims data	APCD	671	Standardized for age, gender, and 3M Health Systems CRG	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Cross-cutting	Primary care	Cost	Not applicable	Payments for primary care practice setting	NA	NH CHIS	http://www.dhhs.nh.gov/ombp/documents/primarycare08.pdf	Not specified	Yes	Reimbursement	State: by service and practice setting	NH Medicaid claims data	APCD	672	NH Medicaid primary care providers were identified based on procedure codes, revenue codes, specialty type, and category of service identified on claims. All primary care providers were then assigned to one of four practice setting categories—hospital/office-based clinics and outpatient departments, FQHCs/LALs, RHCs, and DHCs—based on category of services billed and provider billing identification numbers. Providers that billed for a procedure or service that could be classified as primary care but that had a specialty type or category of service that was not a traditional primary care setting (e.g., inpatient hospitals, mental health clinics, optometrists) were not assigned to a primary care setting.	No
Cross-cutting	Not applicable	Cost, Utilization	Not applicable	Total Spending by Age Group	NA	NH CHIS	http://www.nh.gov/insurance/reports/documents/nhid_agingstudy.pdf	Not specified	No	Reimbursement (including patient and insurer contribution)	State	NH CHIS claims and enrollment data	APCD	685	None.	No
Cross-cutting	Not applicable	Cost, Utilization	Not applicable	Male and Female Total Spending by Age Group	NA	NH CHIS	http://www.nh.gov/insurance/reports/documents/nhid_agingstudy.pdf	Not specified	No	Reimbursement (including patient and insurer contribution)	State	NH CHIS claims and enrollment data	APCD	686	None.	No
Cross-cutting	Not applicable	Cost, Utilization	Not applicable	Male and Female PMPM Spending by Age Group	NA	NH CHIS	http://www.nh.gov/insurance/reports/documents/nhid_agingstudy.pdf	Not specified	No	Reimbursement (including patient and insurer contribution)	State	NH CHIS claims and enrollment data	APCD	687	None.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Cross-cutting	Not applicable	Cost, Utilization	Not applicable	PMPM Spending Rates by Age Group	NA	NH CHIS	http://www.nh.gov/insurance/reports/documents/nhid_agingstudy.pdf	Not specified	No	Reimbursement (including patient and insurer contribution)	State	NH CHIS claims and enrollment data	APCD	688	None.	No
Cross-cutting	Not applicable	Utilization	Not applicable	Membership by Age Group	NA	NH CHIS	http://www.nh.gov/insurance/reports/documents/nhid_agingstudy.pdf	Not specified	No	Not applicable	State	NH CHIS enrollment data	APCD	689	None.	No
Cross-cutting	Not applicable	Utilization	Not applicable	Membership by Age Group and Gender	NA	NH CHIS	http://www.nh.gov/insurance/reports/documents/nhid_agingstudy.pdf	Not specified	No	Not applicable	State	NH CHIS enrollment data	APCD	690	None.	No
Cross-cutting	Not applicable	Cost, Utilization	Not applicable	Total Spending by Age Group and Service Type	NA	NH CHIS	http://www.nh.gov/insurance/reports/documents/nhid_agingstudy.pdf	Not specified	No	Reimbursement (including patient and insurer contribution)	State	NH CHIS claims and enrollment data	APCD	691	None.	No
Cross-cutting	Not applicable	Cost, Utilization	Not applicable	PMPM Rates by Age Group and Service Type	NA	NH CHIS	http://www.nh.gov/insurance/reports/documents/nhid_agingstudy.pdf	Not specified	No	Reimbursement (including patient and insurer contribution)	State	NH CHIS claims and enrollment data	APCD	693	None.	No
Cross-cutting	Not applicable	Cost, Utilization	Not applicable	Total Spending by Age Group & Service Type (hospital care excluded)	NA	NH CHIS	http://www.nh.gov/insurance/reports/documents/nhid_agingstudy.pdf	Not specified	No	Reimbursement (including patient and insurer contribution)	State	NH CHIS claims and enrollment data	APCD	694	None.	No
Cross-cutting	Not applicable	Cost, Utilization	Not applicable	Male Total Spending by Age and Service Type	NA	NH CHIS	http://www.nh.gov/insurance/reports/documents/nhid_agingstudy.pdf	Not specified	No	Reimbursement (including patient and insurer contribution)	State	NH CHIS claims and enrollment data	APCD	695	None.	No
Cross-cutting	Not applicable	Cost, Utilization	Not applicable	Female Total Spending by Age and Service Type	NA	NH CHIS	http://www.nh.gov/insurance/reports/documents/nhid_agingstudy.pdf	Not specified	No	Reimbursement (including patient and insurer contribution)	State	NH CHIS claims and enrollment data	APCD	696	None.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
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Cross-cutting	Not applicable	Cost, Utilization	Not applicable	Male PMPM Rates by Age and Service Type	NA	NH CHIS	http://www.nh.gov/insurance/reports/documents/nhid_agingstudy.pdf	Not specified	No	Reimbursement (including patient and insurer contribution)	State	NH CHIS claims and enrollment data	APCD	697	None.	No
Cross-cutting	Not applicable	Cost, Utilization	Not applicable	Female PMPM Rates by Age and Service Type	NA	NH CHIS	http://www.nh.gov/insurance/reports/documents/nhid_agingstudy.pdf	Not specified	No	Reimbursement (including patient and insurer contribution)	State	NH CHIS claims and enrollment data	APCD	698	None.	No
Cross-cutting	Ambulatory care sensitive conditions	Utilization	Not applicable	Inpatient Hospitalizations for Ambulatory Care Sensitive Conditions: Rates per 1,000 Members. Commercially Insured Under Age 65.	NA	Vermont Department of Banking, Insurance, Securities & Health Care Administration	http://gmcboard.vermont.gov/sites/gmcb/files/files/Vhcures/Tri-State-Commercial-Variation.pdf	Adult	Yes	Not applicable	North-eastern region	Combined analysis of the northern New England States (Maine, New Hampshire, and Vermont) using statewide all-payer commercial claims data	APCD	703	Age and ender adjusted.	No
Cross-cutting	ED use	Utilization	Not applicable	Outpatient Emergency Department Visits: Rates per 1,000 Members. Commercially Insured Under Age 65	NA	Vermont Department of Banking, Insurance, Securities & Health Care Administration	http://gmcboard.vermont.gov/sites/gmcb/files/files/Vhcures/Tri-State-Commercial-Variation.pdf	Adult	Yes	Not applicable	County	Combined analysis of the northern New England States (Maine, New Hampshire, and Vermont) using statewide all-payer commercial claims data	APCD	704	Age and gender adjusted	No
Cross-cutting	ED use	Utilization	Not applicable	Potentially Avoidable Outpatient Emergency Department Visits: Rates per 1,000 Members. Commercially Insured Under Age 65	NA	Vermont Department of Banking, Insurance, Securities & Health Care Administration	http://gmcboard.vermont.gov/sites/gmcb/files/files/Vhcures/Tri-State-Commercial-Variation.pdf	Adult	Yes	Not applicable	County	Combined analysis of the northern New England States (Maine, New Hampshire, and Vermont) using statewide all-payer commercial claims data	APCD	705	Age and gender adjusted	No

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Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Cross-cutting	Not applicable	Utilization	Not applicable	Non-Hospital Outpatient Visits: Rates per 1,000 Members. Commercially Insured Under Age 65.	NA	Vermont Department of Banking, Insurance, Securities & Health Care Administration	http://gmcboard.vermont.gov/sites/gmcb/files/files/Vhcures/Tri-State-Commercial-Variation.pdf	Adult	Yes	Not applicable	County	Combined analysis of the northern New England States (Maine, New Hampshire, and Vermont) using statewide all-payer commercial claims data	APCD	706	Uses Berenson-Eggers Type of Service (BETOS), CPT, and HCPCS codes. Age and gender adjusted.	No
Cross-cutting	ED use	Cost	Not applicable	Variation in Payments for Select Outpatient Procedures: Hospitals: Emergency Department Visit - Medium	NA	NHID	http://www.hschange.org/CONTENT/1095/	Not specified	No	Reimbursements by both insurer and patient for both facility and professional fees	State	Claims data	APCD	716	None.	No
Cross-cutting	ED use	Cost	Not applicable	Change in Payment for Select Procedures: Emergency Department Visit - Medium	NA	NHID	http://www.hschange.org/CONTENT/1095/	Not specified	No	Reimbursements by both insurer and patient for both facility and professional fees	State	Claims data	APCD	729	None.	No
Cross-cutting	Patient safety	Cost	Not applicable	Total Charges and Reimbursements Related to Adverse Drug Events in New Hampshire and Maine	NA	AHRQ	https://chhs.unh.edu/sites/chhs.unh.edu/files/docs/nhihpp/2009_09_03ADEIssueBrief.pdf	Not specified	No	Charges, reimbursements	States	APCD data, discharge data	APCD	730	None.	No
Cross-cutting	Medications	Utilization	Not applicable	Annual Monitoring for Patients on Persistent Medications - ACE Inhibitors	NA	NCQA HEDIS	https://medicaidquality.nh.gov/report-search?sq=ACE+Inhibitors	Adult	No	Not applicable	County	NH Medicaid claims data	APCD	738	Intended to be reported with the other two therapeutic agents and with a total rate for the three.	No
Cross-cutting	Medications	Utilization	Not applicable	Annual Monitoring for Patients on Persistent Medications - Digoxin	NA	NCQA HEDIS	https://medicaidquality.nh.gov/report-search?sq=digoxin	Adult	No	Not applicable	County	NH Medicaid claims data	APCD	739	Intended to be reported with the other two therapeutic agents and with a total rate for the three.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Cross-cutting	Medications	Utilization	Not applicable	Annual Monitoring for Patients on Persistent Medications - Diuretics	NA	NCQA HEDIS	http://medicaidquality.nh.gov/reports/annual-monitoring-for-patients-on-persistent-medications-mpm-diuretics	Adult	No	Not applicable	County	NH Medicaid claims data	APCD	740	CMS core set also looks at rate with the three other therapeutic classes (ACE-I, digoxin, anticonvulsants) and with a total rate for the four.	No
Cross-cutting	Not applicable	Cost	Not applicable	Combined Inpatient and Outpatient Cost Index by NH Hospital	NA	NH CHIS	http://www.nh.gov/insurance/consumers/documents/nh_ac_hosp_comp.pdf	Not specified	Yes	Reimbursement (including patient and insurer contribution)	Hospital	NH CHIS	APCD	788	Adjusted for utilization.	No
Cross-cutting	Not applicable	Cost	Not applicable	Outpatient Cost Index by NH Hospital	NA	NH CHIS	http://www.nh.gov/insurance/consumers/documents/nh_ac_hosp_comp.pdf	Not specified	Yes	Reimbursement (including patient and insurer contribution)	Hospital	NH CHIS claims	APCD	790	Adjusted for utilization.	No
Cross-cutting	Not applicable	Cost	Not applicable	Patient Contribution of Total Amount Due to Provider - All Insurance Types (or broken down by type—PPO, HMO, POS, Indemnity)	NA	NHID	http://www.nh.gov/insurance/media/bulletins/2008/documents/nhid-memliab_rpt.pdf	Not specified	No	Reimbursement (including patient and insurer contribution)	State	NH CHIS claims	APCD	806	Contributions are analyzed on an incurred per month basis over each of the 3 calendar years included in NH CHIS. Includes claims paid for self-insured and fully-insured policyholder accounts. Does not include claims processed under the pharmacy benefit. Measuring patient liability in aggregate allows member contributions to be averaged across product lines.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Cross-cutting	Not applicable	Utilization	Not applicable	Outpatient Utilization	NA	CO APCD--CIVHC	https://www.comedprice.org/GetFile.ashx?FileType=ReportGuides&FileName=Treo_CIVHC_OPUtilizationComparison.pdf (original source). Website is being revamped and data will be available at http://www.civhc.org/get-data/interactive-data/statewide-metrics/utilization/ .	Adult	Yes	Not applicable	County, ZIP3, HSR	Colorado APCD	Website	845	None.	No
Cross-cutting	Imaging	Utilization	Not applicable	Total Imaging Services Utilization per Thousand Members by Geography	NA	CO APCD--CIVHC	https://www.comedprice.org/GetFile.ashx?FileType=StaticReports&FileName=APCD_Static_Report_TotallmagingServices.pdf (original source). Website is being revamped and data will be available at http://www.civhc.org/get-data/interactive-data/statewide-metrics/utilization/ .	Not specified	No	Reimbursement	County, ZIP3, HSR, Facility	Colorado APCD	Website	851	Costs only include the costs billed by the facility from any submitter of claims in the Colorado APCD and do not include the additional, separately billed professional services that can accompany a procedure. Facilities are currently anonymous. County-level data represent location of residence of the people receiving imaging services, not the location where the services were received. Total Imaging Services is determined by BETOS categories I1A, I1B, I1C, I1D, I1E, I1F, I2A, I2B, I2C, I2D, I3A, I3B, I3C, I3D, I3E, I3F, I4A, I4B.	No

Measure Characteristics				Overall Measure Inventory Details											Deep Dive Measure Inventory Details	
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Cross-cutting	Imaging	Cost	Not applicable	Total Imaging Average Cost per Service, per 1000 members, by county or by facility	NA	CO APCD--CIVHC	https://www.comedprice.org/#/reports (original source); new website: http://www.civhc.org/get-data/interactive-data/	Not specified	No	Reimbursement	Facility	APCD	Website	852	Reports an illness severity score for county or facility, but the severity score is based on utilization of services, so it is a bit circular.	No
Cross-cutting	Imaging	Utilization	Not applicable	High Cost Imaging Services Utilization per Thousand Members by Geography	NA	CO APCD--CIVHC	https://www.comedprice.org/GetFile.ashx?FileType=StaticReports&FileName=APCD_Static_Report_HighCostImaging.pdf (original source). Website is being revamped and data will be available at http://www.civhc.org/get-data/interactive-data/statewide-metrics/utilization/ .	Not specified	No	Reimbursement	County, ZIP3, HSR, Facility	Colorado APCD	Website	853	Costs only include the costs billed by the facility from any submitter of claims in the Colorado APCD and do not include the additional, separately billed professional services that can accompany a procedure. Facilities are currently anonymous. County-level data represent location of residence of the people receiving high-cost imaging, not the location where the services were received. All data come directly from the Colorado APCD. High-cost imaging is determined by BETOS categories I2C and I2D.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Cross-cutting	Imaging	Cost	Not applicable	High Cost Imaging Average Cost per Service per Thousand Members by Geography (or by Facility)	NA	CO APCD--CIVHC	https://www.comedprice.org/GetFile.ashx?FileType=StaticReports&FileName=APCD_Static_Report_HighCostImaging.pdf (original source); new website: http://www.civhc.org/get-data/interactive-data/	Not specified	No	Reimbursement	Facility	APCD	Website	854	Reports an illness severity score for county or facility, but the severity score is based on utilization of services, so it is a bit circular.	No
Cross-cutting	Medications	Quality	Process	Percent Generic Scripts	NA	CO APCD--CIVHC	https://www.comedprice.org/#/reports (original source). Website is being revamped and data will be available at http://www.civhc.org/get-data/interactive-data/statewide-metrics/ .	Not specified	Not stated	Not applicable	County	APCD	Website	856	None.	Yes
Cross-cutting	Imaging	Cost	Not applicable	Bone Density Scan (Outpatient)	NA	NHID	http://nhhealthcost.nh.gov/costs/medical/step-1/d	Not specified	No	Reimbursement by both insurer and patient	Facility	Administrative claims	APCD	1016	Uses median because it is more difficult to use the median payment to back out insurer contracted rates.	No
Cross-cutting	Medications	Quality	Process	Generic Prescriptions: Antacid Medication (Proton Pump Inhibitors)	NA	Washington Health Alliance Pharmacy Clinical Improvement Team	https://wacomcommunitycheckup.org/media/1297/2015-community-checkup-technical-specifications.pdf	Not specified	No	Not applicable	Medical group	Administrative claims	Quality website	1055	For drug names, see: https://wacomcommunitycheckup.org/media/1297/2015-community-checkup-technical-specifications.pdf .	No

Measure Characteristics				Overall Measure Inventory Details											Deep Dive Measure Inventory Details	
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Cross-cutting	Medications	Quality	Process	Generic Prescriptions: Antidepressants	NA	Washington Health Alliance Pharmacy Clinical Improvement Team	https://wacommunitycheckup.org/media/1297/2015-community-checkup-technical-specifications.pdf	Not specified	No	Not applicable	Medical group	Administrative claims	Quality website	1056	For drug names, see: https://wacommunitycheckup.org/media/1297/2015-community-checkup-technical-specifications.pdf .	No
Cross-cutting	Medications	Quality	Process	Generic Prescriptions: Cholesterol-Lowering Drugs (Statins)	NA	Washington Health Alliance Pharmacy Clinical Improvement Team	https://wacommunitycheckup.org/media/1297/2015-community-checkup-technical-specifications.pdf	Not specified	No	Not applicable	Medical group	Administrative claims	Quality website	1057	For drug names, see: https://wacommunitycheckup.org/media/1297/2015-community-checkup-technical-specifications.pdf .	No
Cross-cutting	Medications	Quality	Process	Generic Prescriptions: Medication for High Blood Pressure (Antihypertensives)	NA	Washington Health Alliance Pharmacy Clinical Improvement Team	https://wacommunitycheckup.org/media/1297/2015-community-checkup-technical-specifications.pdf	Not specified	No	Not applicable	Medical group	Administrative claims	Quality website	1058	For drug names, see: https://wacommunitycheckup.org/media/1297/2015-community-checkup-technical-specifications.pdf .	No
Cross-cutting	Medications	Quality	Process	Generic Prescriptions: Attention Deficit Hyperactivity Disorder Drugs	NA	Washington Health Alliance Pharmacy Generics Task Force	https://wacommunitycheckup.org/media/1297/2015-community-checkup-technical-specifications.pdf	Not specified	No	Not applicable	Medical group	Administrative claims	Quality website	1059	For drug codes, see: https://wacommunitycheckup.org/media/1297/2015-community-checkup-technical-specifications.pdf .	No
Cross-cutting	Adult office visits	Cost	Not applicable	Office Visits: Adult Office Visit (average allowed amount for possible services associated with this procedure)	NA	VHI	http://www.vhi.org/healthcarepricing/procedure.asp?id=IAO11	Not specified	No	Reimbursement, including professional fees	State	Nine insurance carriers	Website	1110	CPT codes not provided.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Cross-cutting	Procedures	Cost	Not applicable	Endoscopy (average allowed amount for possible services associated with this procedure)	NA	VHI	http://www.vhi.org/healthcarepricing/procedure.asp?id=END11	Not specified	No	Reimbursement, including facility and professional fees	State	Nine insurance carriers	Website	1136	CPT codes not provided. Stratified by type of provider (hospital, ambulatory surgery center, etc).	No
Cross-cutting	Imaging, tests	Cost	Not applicable	Other Tests and Exams: Brain and Nerves (including brain MRI, brain or head CT, nerve biopsy)	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1437	Need measure specs.	No
Cross-cutting	Procedures	Cost	Not applicable	Procedures and Injections (e.g., acupuncture, allergy shots, chemotherapy and IV infusion)	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1439	None.	No
Cross-cutting	Procedures	Cost	Not applicable	Other Endoscopy (including evaluation and biopsy of the esophagus)	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1441	None.	No
Cross-cutting	Imaging	Cost	Not applicable	X-Ray, Mammogram, Bone Density (DEXA)	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1445	None.	No
Cross-cutting	Imaging	Cost	Not applicable	Imaging: (bone scan)	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1447	None.	No
Cross-cutting	Surgical procedures	Cost	Not applicable	Arthroscopy (Endoscopy of Joints)	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1452	None.	No
Cross-cutting	Procedures	Cost	Not applicable	Injections - Steroids, Synvisc (Joints), Nerve Blocks	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1453	None.	No
Cross-cutting	Tests	Cost	Not applicable	Lab Tests (9 kinds)	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1455	None.	No

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Cross-cutting	Medications	Cost	Not applicable	Electrical Stimulation: Prescription Stimulators	NA	FAIR Health	http://fairhealthconsumer.org/medicinalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1456	None.	No
Cross-cutting	Medications	Cost	Not applicable	Specialty Drugs: Vaccine	NA	FAIR Health	http://fairhealthconsumer.org/medicinalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1457	None.	No
Cross-cutting	Primary care	Cost	Not applicable	Office Visit (evaluation)	NA	FAIR Health	http://fairhealthconsumer.org/medicinalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1461	None.	No
Cross-cutting	Physical Therapy	Cost	Not applicable	Physical Therapy	NA	FAIR Health	http://fairhealthconsumer.org/medicinalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1462	None.	No
Cross-cutting	Supplies	Cost	Not applicable	Wheelchairs and Accessories	NA	FAIR Health	http://fairhealthconsumer.org/medicinalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1463	None.	No
Cross-cutting	Supplies	Cost	Not applicable	Wound Care Supplies	NA	FAIR Health	http://fairhealthconsumer.org/medicinalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1464	None.	No
Cross-cutting	Supplies	Cost	Not applicable	Medical and Surgical Supplies	NA	FAIR Health	http://fairhealthconsumer.org/medicinalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1465	None.	No
Cross-cutting	Supplies	Cost	Not applicable	Electrical Stimulation: Supplies	NA	FAIR Health	http://fairhealthconsumer.org/medicinalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1466	None.	No
Cross-cutting	Supplies	Cost	Not applicable	Ostomy Supplies	NA	FAIR Health	http://fairhealthconsumer.org/medicinalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1467	None.	No
Cross-cutting	Surgical procedures	Cost	Not applicable	Surgeries and Fracture Repairs (various joints and bones)	NA	FAIR Health	http://fairhealthconsumer.org/medicinalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1471	None.	No

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Cross-cutting	Ambulance	Cost	Not applicable	Ambulance Transportation	NA	FAIR Health	http://fairhealthconsumer.org/medicallcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1472	Need measure specs	No
Cross-cutting	Not applicable	Cost	Not applicable	Nursing Home Visits	NA	FAIR Health	http://fairhealthconsumer.org/medicallcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1484	None.	No
Cross-cutting	Tests	Cost	Not applicable	Heart and Lung Tests: Lungs	NA	FAIR Health	http://fairhealthconsumer.org/medicallcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1501	Need measure specs	No
Diabetes	Not applicable	Cost, Utilization	Not applicable	Direct medical costs for type 2 diabetes mellitus complications in the U.S. commercial payer setting: a resource for economic research	NA	Pelletier, et al., 2008	http://www.ncbi.nlm.nih.gov/pubmed/?term=19231904	Adult	Yes	Paid claims	Individual patient	PharMetrics Patient-Centric Database: medical and pharmaceutical claims for more than 90 health plans	Lit review	22	None.	Yes
Diabetes	Microvascular complications	Cost, Utilization	Not applicable	Economic outcomes associated with microvascular complications of type 2 diabetes mellitus: results from a U.S. claims data analysis	NA	Pelletier, et al., 2009	http://www.ncbi.nlm.nih.gov/pubmed/?term=19640011	Not specified	Yes	Reimbursement (not including patient contributions)	All adult patients in database identified as having type 2 diabetes	Claims data	Lit review	27	Estimates were databasewide, which included both public and private payers .	No
Diabetes	Medications	Cost	Not applicable	Economic outcomes of exenatide vs liraglutide in type 2 diabetes patients in the United States: results from a retrospective claims database analysis	NA	Pelletier, et al., 2012	http://www.ncbi.nlm.nih.gov/pubmed/?term=22533526	Adult	Yes	Reimbursement	Patient-level across IMS claims dataset	IMS PharMetrics claims dataset	Lit review	29	Medication evaluation.	No

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Diabetes	Not applicable	Cost, Utilization	Not applicable	Relative Resource Use for People With Diabetes	1557	NCQA	NCQA: http://www.ncqa.org/relative-resource-use-measures-rdi (original source; no longer available) NQF: http://www.qualityforum.org/QP/S/1557	Adult	Yes	NCQA Standard Pricing Tables (posted at http://www.ncqa.org/hedis-quality-measurement)	Health plan, integrated delivery system	Administrative claims, electronic clinical data (imaging/diagnostic study, laboratory, pharmacy)	NQF	113	NCQA is issuing guidance that this measure will be removed from the Quality Rating Index and they are not collecting data in 2017.	Yes
Diabetes	Screening	Quality	Process	Diabetic Foot & Ankle Care, Peripheral Neuropathy–Neurological Evaluation	0417	American Podiatric Medical Association	http://www.qualityforum.org/QP/S/0417	Adult	No	Not applicable	Doctor	Administrative claims, electronic health record, paper medical records	NQF	368	None.	No
Diabetes	Tests	Quality	Process	Comprehensive Diabetes Care: Hemoglobin A1c (HbA1c) Testing	0057	NCQA	http://www.qualityforum.org/QP/S/0057	Adult	No	Not applicable	Health plan, integrated delivery system	Administrative claims, electronic health record, electronic clinical data (laboratory), paper medical records	NQF	391	Part of NCQA Comprehensive Diabetes Care suite of measures.	Yes
Diabetes	Tests	Quality	Process	Hemoglobin A1c (HbA1c) Testing for Pediatric Patients	0060	NCQA	http://www.qualityforum.org/QP/S/0060	Pediatric	No	Not applicable	Clinician: group/practice, clinician: individual	Administrative claims, electronic clinical data (laboratory), paper medical records	NQF	392	Endorsement removed in 2014 due to measure developer not being able to support measure.	Yes
Diabetes	Treatment	Quality	Process	Adherence to Statins for Individuals With Diabetes Mellitus	0545	CMS	http://www.qualityforum.org/QP/S/0545	Adult	No	Not applicable	Clinician: group/practice, health plan, integrated delivery system, population: State	Administrative claims, electronic clinical data (pharmacy), other	NQF	397	Could assess through prescription fills.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Diabetes	Screening	Quality	Process	Comprehensive Diabetes Care: Foot Exam	0056	NCQA	http://www.qualityforum.org/QP/S/0056	Adult	No	Not applicable	Clinician: group/ practice, clinician: individual	Administrative claims, electronic clinical data (electronic health record, pharmacy), paper medical records	NQF	423	Diabetic foot exam has HCPCS code.	No
Diabetes	Tests	Quality	Process	Comprehensive Diabetes Care: Medical Attention for Nephropathy	0062	NCQA	http://www.qualityforum.org/QP/S/0062	Adult	No	Not applicable	Health plan, integrated delivery system	Administrative claims, electronic clinical data (electronic health record, laboratory, pharmacy), paper medical records	NQF	425	None.	Yes
Diabetes	Medications	Quality	Process	Adherence to ACEIs/ARBs for Individuals With Diabetes Mellitus	2467	CMS	http://www.qualityforum.org/QP/S/2467	Adult	No	Not applicable	Clinician: group/ practice, health plan, integrated delivery system, population: State	Administrative claims, electronic clinical data (pharmacy, other)	NQF	462	None.	Yes
Diabetes	Medications	Quality	Process	Adherence to Oral Diabetes Agents for Individuals With Diabetes Mellitus	2468	CMS	http://www.qualityforum.org/QP/S/2468	Adult	No	Not applicable	Clinician: group/ practice, health plan, integrated delivery system, population: State	Administrative claims, electronic clinical data (pharmacy, other)	NQF	463	None.	Yes
Diabetes	Tests	Quality	Process	Diabetes and HbA1c Test	NA	NHID/New Hampshire Department of Health and Human Services (NH DHHS)	http://nhhealthwrgs.org/HealthWRQS2?SubSystem=CLAIMS#	Adult	No	Not applicable	State, county	NH CHIS	APCD	814	None.	No

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Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Diabetes	Not applicable	Other	Not applicable	Diabetes Rate	NA	NHID/NH DHHS	http://nhhealthwrgs.org/HealthWRQS2?SubSystem=CLAIMS#	Adult	No	Not applicable	State	NH CHIS	APCD	822	None.	No
Diabetes	Not applicable	Cost	Not applicable	Total Cost of Care: Diabetes	NA	CO APCD-- CIVHC	https://www.comedprice.org/#/reports (original source); new website: http://www.civhc.org/get-data/interactive-data/	Not specified	No	Reimbursement	County, ZIP3, insurer, State	APCD	Website	836	ICD-9 codes for this measure not provided.	No
Diabetes	Outpatient care	Cost	Not applicable	Outpatient Facility Cost: Diabetes	NA	CO APCD-- CIVHC	https://www.comedprice.org/#/reports (original source); new website: http://www.civhc.org/get-data/interactive-data/	Not specified	No	Reimbursement	County, ZIP3, insurer, State	APCD	Website	843	ICD-9 codes for this measure not provided.	No
Diabetes	CAD	Quality	Process	Cholesterol Screening-- Diabetes and Heart Disease	0063	HEDIS and UnitedHealthcare (UHC) Expert Panel	https://www.uhcwest.com/vgn/images/portal/cit_60701/600762_581_PCA08040_2_009.pdf	Adult	No	Not applicable	Medical group	Claims and encounter data	Quality website	1291	See UHC Detailed Methodology PDF. Consider only keeping as NQF measure.	No
Diabetes	Not applicable	Quality	Process	Medication Adherence for Diabetes - Pharmacy	NA	HealthPartners	https://www.healthpartners.com/ucm/groups/public/@hp/@public/documents/documents/entry_179816.pdf	Adult	No	Not applicable	Health plan, pharmacy	Outpatient pharmacy claims	Quality website	1366	None.	No

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Diabetes	Not applicable	Quality	Process	Diabetes Care: Statin Use (patients ages 40 through 75 or patients with ischemic vascular disease of any age)	NA	WCHQ	http://onlinecommunity.wchq.org/resource/collection/870E08CA-8FC6-404E-A94D-420057B180F1/WCHQ_21_-_Diabetes_Care_-_Statin_Use.doc	Adult	No	Not applicable	Doctor	Administrative claims, medical record review, encounter data	Quality website	1384	Can use administrative data only.	No
Diabetes	Not applicable	Quality	Process	Diabetes Care: Kidney Function Monitored	NA	WCHQ	http://onlinecommunity.wchq.org/resource/collection/870E08CA-8FC6-404E-A94D-420057B180F1/WCHQ_5_-_Diabetes_Care_-_Kidney_Function_Monitored.doc	Adult	No	Not applicable	Doctor	Administrative claims, medical record review, encounter data	Quality website	1385	Can use administrative data only.	No
Diabetes	Not applicable	Quality	Process	Diabetes Care: All or None Process: Optimal Testing	NA	WCHQ	http://onlinecommunity.wchq.org/resource/collection/870E08CA-8FC6-404E-A94D-420057B180F1/WCHQ_9_-_Diabetes_Care_-_All_or_None_Process_-_Optimal_Testing.doc	Adult	No	Not applicable	Doctor	Administrative claims, medical record review, encounter data	Quality website	1389	Original specifications for clinical data derived from electronic health record or chart but can be done using claims data only.	No

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Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF ⁺ No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Diabetes	Supplies	Cost	Not applicable	Diabetes Supplies	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookupp.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1476	Consumer facing, estimated, not based on personal benefit plan, either for insured or uninsured in a region, based on 80th percentile of charges and 70th percentile of reimbursements.	No
Gastro-intestinal disorders	Other (acute gastroenteritis [AGE], gastroesophageal reflux disease [GERD], inflammatory bowel disease [IBD], irritable bowel syndrome [IBS], and constipation)	Cost, Utilization	Not applicable	Burden of acute gastroenteritis, norovirus, and rotavirus in a managed care population	NA	Karve, et al., 2014	http://www.ncbi.nlm.nih.gov/pubmed/?term=24732307	Not specified	No	Reimbursement	Episode, plan	MarketScan	Lit review	8	None.	No
Gastro-intestinal disorders	Colonoscopy	Cost, Utilization	Not applicable	Costs and repeat rates associated with colonoscopy observed in medical claims for commercial and Medicare populations	NA	Pyenson, et al., 2014	http://www.ncbi.nlm.nih.gov/pubmed/?term=24572047	Adult	No	Reimbursement	Episode of care	Truven MarketScan and 5% Medicare sample	Lit review	19	None.	No
Gastro-intestinal disorders	Other (AGE, GERD, IBD, IBS, and constipation)	Cost	Not applicable	Economic burden of irritable bowel syndrome with constipation: a retrospective analysis of health care costs in a commercially insured population	NA	Doshi, et al., 2014	http://www.ncbi.nlm.nih.gov/pubmed/?term=24684643	Adult	Yes	Reimbursement	Individuals across claims database representing 14 regions	HealthCore Integrated Research Database	Lit review	25	None.	No

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Gastro-intestinal disorders	Other (AGE, GERD, IBD, IBS, and constipation)	Cost	Not applicable	The economic burden of treatment failure amongst patients with irritable bowel syndrome with constipation or chronic constipation: a retrospective analysis of a Medicaid population	NA	Guerin, et al., 2014	http://www.ncbi.nlm.nih.gov/pubmed/24811855	Not specified	Yes	Reimbursement	Patient	Missouri Medicaid claims	Lit review	72	Clinical condition may be of lower priority.	No
Gastro-intestinal disorders	Colonoscopy	Cost	Not applicable	Variation in Payments for Select Outpatient Procedures - Hospitals: Colonoscopy	NA	NHID	http://www.hschange.org/CONTENT/1095/	Not specified	No	Reimbursements by both insurer and patient for both facility and professional fees	State	Claims data	APCD	713	None.	No
Gastro-intestinal disorders	Colonoscopy	Cost	Not applicable	Variation in Payments for Select Outpatient Procedures - Non-Hospital Providers: Colonoscopy	NA	NHID	http://www.hschange.org/CONTENT/1095/	Not specified	No	Reimbursements by both insurer and patient for both facility and professional fees	State	Claims data	APCD	718	None.	No
Gastro-intestinal disorders	Colonoscopy	Cost	Not applicable	Ratio of Payments for Hospital and Non-Hospital Providers for Select Outpatient Procedures: Colonoscopy	NA	NHID	http://www.hschange.org/CONTENT/1095/	Not specified	No	Reimbursements by both insurer and patient for both facility and professional fees	State	Claims data	APCD	722	None.	No
Gastro-intestinal disorders	Colonoscopy	Cost	Not applicable	Change in Payment for Select Procedures: Colonoscopy	NA	NHID	http://www.hschange.org/CONTENT/1095/	Not specified	No	Reimbursements by both insurer and patient for both facility and professional fees	State	Claims data	APCD	726	None.	No
Gastro-intestinal disorders	Colonoscopy	Cost	Not applicable	Colonoscopy (outpatient)	NA	NHID	http://nhhealthcost.nh.gov/costs/medical/step-1/	Not specified	No	Reimbursement by both insurer and patient	Facility	Administrative claims	APCD	1039	Uses median because it is more difficult to use the median payment to back out insurer contracted rates.	No

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Gastro-intestinal disorders	Colonoscopy	Cost	Not applicable	Colonoscopy (average allowed amounts for possible services associated with this procedure)	NA	VHI	http://www.vhi.org/healthcarepricing/procedure.asp?id=COL24	Not specified	No	Reimbursement, including facility and professional fees	State	Nine insurance carriers	Website	1108	CPT codes not provided. Stratified by type of provider (hospital, ambulatory surgery center, etc.).	No
Gastro-intestinal disorders	Colonoscopy	Cost	Not applicable	Colonoscopy: (estimated charge, reimbursement, and out-of-pocket cost for select colonoscopy-related procedures)	NA	FAIR Health	http://fairhealthconsumer.org/medicallcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1438	For technical specifications, all CPT codes are on website. FAQs have some information on time period and variables used for cost/charges. Would need to contact site sponsors to get statistical methods for estimating charges and allowed amounts they report.	No
Gastro-intestinal disorders	Other procedures	Cost	Not applicable	Surgeries (Common): Hemorrhoid Removal	NA	FAIR Health	http://fairhealthconsumer.org/medicallcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1485	Need to email to get specifications.	No
Kidney or bladder disorders	Stone	Cost, Utilization	Not applicable	Medical expulsive therapy versus early endoscopic stone removal for acute renal colic: an instrumental variable analysis	NA	Hollingsworth, et al., 2013	http://www.ncbi.nlm.nih.gov/pubmed/?term=23517746	Adult	Yes	Reimbursement	Individual episode across claims	MarketScan	Lit review	51	None.	No
Kidney or bladder disorders	Cost	Cost	Not applicable	Medicare payments for outpatient urological surgery by location of care	NA	Hollingsworth, et al., 2012	http://www.ncbi.nlm.nih.gov/pubmed/?term=23102712	Adult	Yes	Reimbursement, including patient contribution	Individual patient across Medicare claims	5% sample of Medicare claims files	Lit review	53	None.	No
Kidney or bladder disorders	Surgical procedures	Quality	Outcomes	Surgical quality among Medicare beneficiaries undergoing outpatient urological surgery	NA	Hollingsworth, et al., 2012	http://www.ncbi.nlm.nih.gov/pubmed/?term=22902012	Adult	Yes	Not applicable	National	Medicare claims	Lit review	68	None.	No

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Kidney or bladder disorders	Chronic kidney disease (CKD) or end stage renal disease (ESRD)	Quality	Process	Advanced Chronic Kidney Disease (CKD): Percent of Patients With One Measurement of iPTH. NQMC:000340	NA	Renal Physicians Association	http://www.qualitymeasures.ahrq.gov/content.aspx?id=28219	Adult	No	Not applicable	Doctor	Administrative claims data, Laboratory data, paper medical record	NQMC	234	None.	No
Kidney or bladder disorders	CKD or ESRD	Quality	Process	Adult Kidney Disease: Laboratory Testing (Lipid Profile)	1668	Renal Physicians Association	http://www.qualityforum.org/QPS/1668	Adult	No	Not applicable	Clinician: group/practice, clinician: individual, clinician: team	Administrative claims, electronic clinical data, electronic clinical data: electronic health record, electronic clinical data: laboratory, electronic clinical data: registry	NQF	446	Some denominator exclusions may require chart review; however, measures can be implemented without denominator exclusions.	No
Kidney or bladder disorders	Procedure	Quality	Process	Reduction of Complications Through the Use of Cystoscopy During Surgery for Stress Urinary Incontinence	2052	American Urological Association	http://www.qualityforum.org/QPS/2052	Adult	No	Not applicable	Clinician: individual	Administrative claims, paper medical records	NQF	458	Some denominator exclusions may require chart review; however, measures can be implemented without denominator exclusions.	No
Kidney or bladder disorders	Nephrolithiasis	Cost	Not applicable	Kidney Stone Removal (Outpatient)	NA	NHID	http://nhhealthcost.nh.gov/costs/medical/result/96?carrier=uninsured	Not specified	No	Reimbursement by both insurer and patient	Facility	Administrative claims	APCD	1043	Uses median because it is more difficult to use the median payment to back out insurer contracted rates.	No
Kidney or bladder disorders	Stone	Cost	Not applicable	Kidney Stone Removal (average allowed amounts for possible services associated with this procedure)	NA	VHI	http://www.vhi.org/healthcarepricing/procedure.asp?id=KSR22	Not specified	No	Reimbursement, including facility and professional fees	State	Nine insurance carriers	Website	1125	CPT codes not provided. Stratified by type of provider (hospital, ambulatory surgery center, etc.).	No

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Kidney or bladder disorders	Diabetes, hypertension	Quality	Process	CKD Screening	NA	WCHQ	http://onlinecommunity.wchq.org/resource/collection/07D74ED8-3E23-4793-AEA4-19CC9D1A0FE6/WCHQ_25_-_CKD_Screening.doc	Adult	No	Not applicable	Doctor	Administrative claims, medical record review, encounter data	Quality website	1397	None.	No
Kidney or bladder disorders	CKD or ESRD	Quality	Process	CKD Care in Stages I, II, and III: Annual eGFR Test	NA	WCHQ	http://onlinecommunity.wchq.org/resource/collection/870E08CA-8FC6-404E-A94D-420057B180F1/WCHQ_26_-_CKD_Care_in_Stages_I_II_III_eGFR.doc	Adult	No	Not applicable	Doctor	Administrative claims, medical record review	Quality website	1398	None.	No
Kidney or bladder disorders	CKD or ESRD	Quality	Process	CKD Care in Stages I, II, and III: LDL Testing	NA	WCHQ	http://onlinecommunity.wchq.org/resource/collection/870E08CA-8FC6-404E-A94D-420057B180F1/WCHQ_27_-_CKD_Care_in_Stages_I_II_III_-_LDL_Testing.doc	Adult	No	Not applicable	Doctor	Administrative claims, medical record review	Quality website	1399	None.	No
Kidney or bladder disorders	CKD or ESRD	Quality	Process	CKD Care in Stages IV and V: Annual Lipid Profile	NA	WCHQ	http://www.wchq.org/measures/documents/WCHQ_measures_012615.pdf	Adult	No	Not applicable	Doctor	Administrative claims data, medical record review	Quality website	1405	None.	No
Kidney or bladder disorders	CKD or ESRD	Quality	Process	CKD Care in Stages IV and V: Annual eGFR test	NA	WCHQ	http://www.wchq.org/measures/documents/WCHQ_measures_012615.pdf	Adult	No	Not applicable	Doctor	Administrative claims data, medical record review	Quality website	1406	None.	No

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Kidney or bladder disorders	CKD or ESRD	Quality	Process	CKD Care in Stages IV and V: Annual Hemoglobin Test	NA	WCHQ	http://www.wchq.org/measures/documents/WCHQ_measures_012615.pdf	Adult	No	Not applicable	Doctor	Administrative claims data, medical record review	Quality website	1407	None.	No
Kidney or bladder disorders	Tests	Cost	Not applicable	Other Tests and Exams: Kidney, Bladder, and Urinary Pathway	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookupp.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Quality website	1487	None.	No
Kidney or bladder disorders	Procedures	Cost	Not applicable	Cystoscopy (Endoscopy of Bladder/Urethra)	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookupp.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1506	None.	No
Mental health and substance abuse	Depression	Quality	Process	Antidepressant Medication Management (Effective Acute Phase Treatment): Percentage of Patients 18 Years of Age and Older Who Were Diagnosed With a New Episode of Major Depression, Treated With Antidepressant Medication, and Who Remained on an Antidepressant Medication for at Least 84 Days (12 Weeks). NQMC:009951	0105	NCQA	http://www.qualitymeasures.ahrq.gov/content.aspx?id=48836	Adult	No	Not applicable	Multisite health care or public health organizations	Administrative claims	NQF	133	Link to technical specifications: http://store.ncqa.org/index.php/hedis-2015-technical-specifications-for-aco-measurement-epub.html . Cost for single user is \$245.	Yes

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Mental health and substance abuse	Schizophrenia	Quality	Process	Adherence To Antipsychotic Medications for Individuals With Schizophrenia: Percentage of Members 19 to 64 Years of Age During the Measurement Year With Schizophrenia Who Were Dispensed and Remained on an Antipsychotic Medication for at Least 80 Percent of Their Treatment Period. Oct 2015. NQMC:010540	NA	NCQA	https://www.qualitymeasures.ahrq.gov/summaries/summary/49738	Adult	No	Not applicable	Single health care delivery or public health organizations	Administrative claims	NQMC	238	None.	No
Mental health and substance abuse	Depression	Quality	Process	Antidepressant Medication Management (AMM)	0105	NCQA	http://www.qualityforum.org/QP/S/0105	Adult	No	Not applicable	Health plan, integrated delivery system	Administrative claims	NQF	393	None.	No
Mental health and substance abuse	ADHD	Quality	Process	Follow-Up Care for Children Prescribed ADHD Medication (ADD)	0108	NCQA	http://www.qualityforum.org/QP/S/0108	Pediatric	No	Not applicable	Health plan, integrated delivery system	Administrative claims	NQF	394	None.	No
Mental health and substance abuse	Care coordination	Quality	Process	Follow-Up After Hospitalization for Mental Illness (FUH)	0576	NCQA	http://www.qualityforum.org/QP/S/0576	Pediatric, Adult	No	Not applicable	Health plan, integrated delivery system	Administrative claims, OR electronic clinical data	NQF	412	None.	Yes
Mental health and substance abuse	Schizophrenia	Quality	Process	Adherence to Antipsychotic Medications for Individuals With Schizophrenia	1879	CMS	http://www.qualityforum.org/QP/S/1879	Adult	No	Not applicable	Clinician: group/ practice, health plan, population: State	Administrative claims	NQF	451	None.	No

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Mental health and substance abuse	Bipolar disorder	Quality	Process	Adherence to Mood Stabilizers for Individuals With Bipolar I Disorder	1880	CMS	http://www.qualityforum.org/QP/S/1880	Adult	No	Not applicable	Clinician: group/ practice, health plan, integrated delivery system, population: State	Administrative claims	NQF	452	None.	No
Mental health and substance abuse	Schizophrenia	Quality	Process	Cardiovascular Health Screening for People With Schizophrenia or Bipolar Disorder Who Are Prescribed Antipsychotic Medications	1927	NCQA	http://www.qualityforum.org/QP/S/1927	Adult	No	Not applicable	Health plan, integrated delivery system, population: State	Administrative claims	NQF	453	Appears to be doable with claims alone.	No
Mental health and substance abuse	Schizophrenia	Quality	Process	Diabetes Screening for People With Schizophrenia or Bipolar Disorder Who Are Using Antipsychotic Medications (SSD)	1932	NCQA	http://www.qualityforum.org/QP/S/1932	Adult	No	Not applicable	Health plan, integrated delivery system, population: State	Administrative claims	NQF	454	None.	No
Mental health and substance abuse	Schizophrenia	Quality	Process	Cardiovascular Monitoring for People With Cardiovascular Disease and Schizophrenia (SMC)	1933	NCQA	http://www.qualityforum.org/QP/S/1933	Adult	No	Not applicable	Health plan, integrated delivery system, population: State	Medicaid MAX data for testing	NQF	455	None.	No
Mental health and substance abuse	Schizophrenia	Quality	Process	Diabetes Monitoring for People With Diabetes and Schizophrenia (SMD)	1934	NCQA	http://www.qualityforum.org/QP/S/1934	Adult	No	Not applicable	Health plan, integrated delivery system, population: State	Medicaid MAX data for testing	NQF	456	None.	No

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Mental health and substance abuse	Medications	Utilization	Not applicable	Commonly Used Psychiatric Medications (ADHD medications, antidepressants, antipsychotics)	NA	Dartmouth Atlas of Children's Health Care in Northern New England	http://www.dartmouthatlas.org/downloads/atlas/NNE_Pediatric Atlas 1211 13.pdf	Pediatric	Yes	Not applicable	HSA	Harmonized dataset developed for this project by Onpoint Health Data using six data sources: commercial APCD and Medicaid claims from Maine, New Hampshire, and Vermont (see Methods)	APCD	549	None.	No
Mental health and substance abuse	Multiple	Other	Not applicable	Prevalence of a Mental Health Disorder by Plan Type and Age Group	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	No	Not applicable	Plan	New Hampshire Claims data: Medicaid, CHIS, commercial	APCD	618	None.	No
Mental health and substance abuse	Multiple	Other	Not applicable	Prevalence of Mental Health Disorders by Plan Type and Diagnostic Category	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	No	Not applicable	Plan	New Hampshire Claims data: Medicaid, CHIS, commercial	APCD	619	None.	No
Mental health and substance abuse	Substance abuse	Other	Not applicable	Prevalence of Substance Abuse Among Adolescent Children, Aged 12–18 Years, With a Mental Health Disorder by Plan Type	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	No	Not applicable	Plan	New Hampshire Claims data: Medicaid, CHIS, commercial	APCD	620	None.	No
Mental health and substance abuse	Multiple	Utilization	Not applicable	Utilization for Children With Any Mental Health Disorder by Plan Type	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	No	Not applicable	Plan	New Hampshire Claims data: Medicaid, CHIS, commercial	APCD	621	None.	No

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Mental health and substance abuse	Multiple	Utilization	Not applicable	Utilization for Children with a Serious Mental Health Disorder by Plan Type	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	No	Not applicable	Plan	New Hampshire Claims data: Medicaid, CHIS, commercial	APCD	624	None.	No
Mental health and substance abuse	Medications	Utilization	Not applicable	Prevalence of Any Use of Psychotropic Medication for Children With a Mental Health Disorder by Age and Plan Type	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	No	Not applicable	Plan	New Hampshire Claims data: Medicaid, CHIS, commercial	APCD	625	None.	No
Mental health and substance abuse	Medications	Utilization	Not applicable	Prevalence of Any Use of Psychotropic Medication for Children With a Mental Health Disorder by Drug Type and Plan Type	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/chip10.pdf	Pediatric	No	Not applicable	Plan	New Hampshire Claims data: Medicaid, CHIS, commercial	APCD	626	None.	No
Mental health and substance abuse	Multiple	Other	Not applicable	Prevalence of mental health disorders	NA	NH CHIS	http://www.dhhs.nh.gov/ombp/documents/primarycare08.pdf	Adult	Yes	Not applicable	Practice type (FQHC, Hospital-based, etc.)	NH Medicaid administrative eligibility and claims data	APCD	669	Adjusted for age and gender for comparisons between practice types. From tables & figures: Prevalence of Mental Health Disorders by Primary Practice Setting, Prevalence of Mental Health Disorders and Psychotropic Drug Use with No Mental Health Diagnoses; Mental Health Specialist and Non-Specialist Office Clinic Rates per 1000 Members with a Mental Health Disorder by Primary Practice Setting	No

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Mental health and substance abuse	Medications	Cost	Not applicable	Percent of Total Dollars Spent on Pharmaceuticals Among Females Ages 18-64 by Therapeutic Classification (antidepressants)	NA	Utah Department of Health	http://digitallibrary.utah.gov/aw/web/awarchive?type=file&item=37047	Adult	No	Reimbursement	State	Commercial health insurance claims	APCD	675	Point of contact: David Arcilesi: darcalesi@utah.gov .	No
Mental health and substance abuse	Medications	Cost	Not applicable	Percent of Total Dollars Spent on Pharmaceuticals Among Males Ages 18-64 (Top Ten by Therapeutic Class)	NA	Utah Department of Health	http://digitallibrary.utah.gov/aw/web/awarchive?type=file&item=37047	Adult	No	Reimbursement	State	Commercial health insurance claims	APCD	676	APCD manager.	No
Mental health and substance abuse	Depression	Utilization	Not applicable	Percent of all Antidepressant Prescriptions: Males vs. Females	NA	Utah Department of Health	http://digitallibrary.utah.gov/aw/web/awarchive?type=file&item=37047	Adult	No	Not applicable	State	Commercial health insurance claims	APCD	677	None.	No
Mental health and substance abuse	Depression	Utilization	Not applicable	Percentage of Persons Prescribed Antidepressants by Age	NA	Utah Department of Health	http://digitallibrary.utah.gov/aw/web/awarchive?type=file&item=37047	Adult	No	Not applicable	State	Commercial health insurance claims	APCD	678	None.	No
Mental health and substance abuse	Depression	Utilization	Not applicable	Comparison of Prevalence, Cost, and Age Among People Prescribed Antidepressants	NA	Utah Department of Health	http://digitallibrary.utah.gov/aw/web/awarchive?type=file&item=37047	Adult	No	Reimbursement	State	Commercial health insurance claims	APCD	679	None.	No
Mental health and substance abuse	Medications	Cost	Not applicable	Proportion of Dollars Spent for Antidepressants - Among People Prescribed Antidepressants - by Age and Sex	NA	Utah Department of Health	http://digitallibrary.utah.gov/aw/web/awarchive?type=file&item=37047	Adult	No	Reimbursement	State	Commercial health insurance claims	APCD	680	None.	No
Mental health and substance abuse	Depression	Utilization	Not applicable	Prevalence of Antidepressant Use by Small Area (2009): Females Ages 18-64	NA	Utah Department of Health	http://digitallibrary.utah.gov/aw/web/awarchive?type=file&item=37047	Adult	No	Not applicable	Region	Commercial health insurance claims	APCD	681	None.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Mental health and substance abuse	Depression	Utilization	Not applicable	Prevalence of Antidepressant Use by Small Area (2009): Males Ages 18-64	NA	Utah Department of Health	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37047	Adult	No	Not applicable	Region	Commercial health insurance claims	APCD	682	None.	No
Mental health and substance abuse	Depression	Utilization	Not applicable	Comparison of Antidepressant Usage and Claims by Clinical Risk Group (CRG) Among Persons Prescribed Antidepressants	NA	Utah Department of Health	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37047	Adult	no	Reimbursement	State	Commercial health insurance claims	APCD	684	CRG: clinical classification system for risk adjusting within a population. Each person within a population is assigned to a mutually exclusive risk group (1-9). These risk groups are determined by medical and demographic characteristics in a proprietary algorithm from 3M.	No
Mental health and substance abuse	Depression	Cost, Utilization	Not applicable	Impact of Depression on Cost and Utilization	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/depression.pdf	Not specified	No	Medicaid reimbursement	State	APCD: Medicaid	APCD	807	None.	No
Mental health and substance abuse	Depression	Quality	Process	Percent of NH Medicaid Members With Any Evidence of Depression Who Had Any Visit(s) With a Mental Health Specialist	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/depression.pdf	Adult	No	Not applicable	By patient group (elderly, disabled, child, etc.)	APCD: Medicaid	APCD	808	None.	No
Mental health and substance abuse	Depression	Cost, Utilization	Not applicable	Comorbid Medical Conditions (depression with CHF - prevalence)	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/depression.pdf	Not specified	No	Medicaid reimbursement	State	APCD: Medicaid	APCD	809	None.	No
Mental health and substance abuse	Diabetes	Cost, Utilization	Not applicable	Comorbid Medical Conditions (depression with diabetes - prevalence)	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/depression.pdf	Not specified	No	Medicaid reimbursement	State	APCD: Medicaid	APCD	810	None.	No
Mental health and substance abuse	Depression	Cost, Utilization	Not applicable	Comorbid Medical Conditions (depression with other mental illnesses—prevalence)	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/depression.pdf	Not specified	No	Medicaid reimbursements	State	APCD: Medicaid	APCD	812	None.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Mental health and substance abuse	Depression	Cost, Utilization	Not applicable	Comorbidi Mental Health Conditions (depression with substance abuse - prevalence)	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/depression.pdf	Not specified	No	Medicaid reimbursements	State	APCD: Medicaid	APCD	813	None.	No
Mental health and substance abuse	Multiple	Other	Not applicable	Mental Health Disorder Rate	NA	NHID/NH DHHS	http://nhhealthwrgs.org/HealthWRQS2?SubSystem=CLAIMS#	Adult	No	Not applicable	State, county	NH CHIS	APCD	819	Need to contact measure developer to confirm details on defining population. Choice on website of looking by gender or by age group. They report statistical significance testing for differences between county and State performance.	No
Mental health and substance abuse	Multiple	Utilization	Not applicable	Mental Health Disorder With Mental Health Emergency Department Visit	NA	NHID/NH DHHS	http://nhhealthwrgs.org/HealthWRQS2?SubSystem=CLAIMS#	Adult	No	Not applicable	State, county	NH CHIS	APCD	820	Need to contact measure developer to confirm details on defining population. Choice on website of looking by gender or by age group. They report statistical significance testing for differences between county and State performance.	No
Mental health and substance abuse	Multiple	Utilization	Not applicable	Mental Health Disorder With Any Emergency Department Visit	NA	NHID/NH DHHS	http://nhhealthwrgs.org/HealthWRQS2?SubSystem=CLAIMS#	Not specified	No	Not applicable	State, county	NH CHIS	APCD	821	Need to contact measure developer to confirm details on defining population. Choice on website of looking by gender or by age group. They report statistical significance testing for differences between county and State performance.	No
Mental health and substance abuse	Alcohol or other substance abuse	Quality	Process	Alcohol Treatment	0004	National Committee for Quality Assurance	http://www.myhealthwi.org/Resources/QualityMeasures.aspx	Pediatric, Adult	No	Not applicable	Health plan, integrated delivery system	Administrative claims	Website	943	None.	No
Mental health and substance abuse	Multiple	Cost	Not applicable	Counseling (Mental Health): Office (Outpatient)	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1489	None.	Yes

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF ⁺ No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK))	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Mental health and substance abuse	Multiple	Cost	Not applicable	Counseling (Mental Health): (office outpatient visits)	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1491	Need measure specifications.	No
Mental health and substance abuse	Diabetes	Cost, Utilization	Not applicable	Comorbid Medical Conditions (diabetes with and without depression—payments)	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/depression.pdf	Not specified	No	Medicaid reimbursements	State	APCD: Medicaid	APCD	1516	None.	No
Mental health and substance abuse	Depression	Cost, Utilization	Not applicable	Comorbid Medical Conditions (CHF with and without depression—payments)	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/depression.pdf	Not specified	No	Medicaid reimbursements	State	APCD: Medicaid	APCD	1517	None.	No
Mental health and substance abuse	Depression	Cost, Utilization	Not applicable	Comorbid Mental Health Conditions (other mental illnesses with and without depression—payments)	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/depression.pdf	Not specified	No	Medicaid reimbursements	State	APCD: Medicaid	APCD	1518	None.	No
Mental health and substance abuse	Depression	Cost, Utilization	Not applicable	Comorbid Mental Health Conditions (substance abuse with and without depression—payments)	NA	NH DHHS/CHIS	http://www.dhhs.nh.gov/ombp/documents/depression.pdf	Not specified	No	Medicaid reimbursements	State	APCD: Medicaid	APCD	1519	None.	No
Preventive care	Cervical cancer screening	Quality	Process	Cervical Cancer Screening	0032	NCQA	http://www.qualityforum.org/QP/S/0032	Adult	No	Not applicable	Doctor group, doctor	Administrative claims, electronic clinical data, paper medical records	NQF	347	None.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF ⁺ No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Preventive care	Cervical cancer screening	Quality	Process	Annual Cervical Cancer Screening or Follow-Up in High-Risk Women	0579	Resolution Health, Inc.	http://www.qualityforum.org/QPS/0579	Adult	No	Not applicable	Clinician: group/practice, clinician: Individual, health plan, integrated delivery system, population: community, population: county or city	Administrative claims, electronic clinical data: pharmacy	NQF	406	None.	No
Preventive care	Well child visits	Quality	Process	Well-Child Visits in the First 15 Months of Life	1392	NCQA	http://www.qualityforum.org/QPS/1392	Pediatric	No	Not applicable	Health plan, integrated delivery system	Administrative claims, electronic clinical data, paper medical records	NQF	438	None.	No
Preventive care	Immunization	Quality	Process	Immunizations for Adolescents	1407	NCQA	http://www.qualityforum.org/QPS/1407	Pediatric	No	Not applicable	Health plan, integrated delivery system	Administrative claims, electronic clinical data, paper medical records	NQF	439	None.	No
Preventive care	Dental	Quality	Process	Primary Caries Prevention Intervention as Part of Well/III Child Care as Offered by Primary Care Medical Providers	1419	University of Minnesota	http://www.qualityforum.org/QPS/1419	Pediatric	No	Not applicable	Clinician: group/practice, clinician: individual, facility, health plan, population: national	Administrative claims	NQF	440	NQF endorsement removed 2015.	No
Preventive care	Well child visits	Quality	Process	Developmental Screening in the First Three Years of Life	1448	Oregon Health & Science University	http://www.qualityforum.org/QPS/1448	Pediatric	No	Not applicable	Population: regional, population: State	Administrative claims, electronic clinical data, paper medical records	NQF	441	None.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Preventive care	Well child visits	Quality	Process	Well-Child Visits in the Third, Fourth, Fifth, and Sixth Years of Life	1516	NCQA	http://www.qualityforum.org/QP/S/1516	Pediatric	No	Not applicable	Health plan, integrated delivery system	Administrative claims, electronic clinical data, paper medical records	NQF	442	None.	No
Preventive care	Breast cancer screening	Quality	Process	Mammography/Breast Cancer Screening	0031	NCQA	http://blueprintforhealth.vermont.gov/node/680 .original source); current information available at http://blueprintforhealth.vermont.gov/community-health-profiles	Adult	No	Not applicable	Doctor group, doctor	Covered commercial, full Medicaid, and Medicare members in APCD	APCD	487	Vermont used a modification of the now not endorsed NQF measure 0031 (modified age group).	No
Preventive care	Well child visits	Quality	Process	Lead Screening: Medicaid beneficiaries receiving lead screening by age 2	NA	HEDIS	https://www.qualitymeasures.ahrq.gov/summaries/summary/49695	Pediatric	No	Not applicable	State, county, doctor group, doctor	Administrative claims, paper medical record (per NCQA/HEDIS)	APCD	539	Had administrative claims only and hybrid specifications.	No
Preventive care	Immunization	Quality	Process	Percentage of children under 19 years old vaccinated	NA	NHID	http://www.nh.gov/insurance/reports/documents/nhid_vaccine.pdf	Pediatric	No	Not applicable	Health plan	Claims and enrollment data	APCD	569	None.	No
Preventive care	Immunization	Cost	Not applicable	Statewide average of charged amounts and payments for pediatric vaccinations	NA	NHID	http://www.nh.gov/insurance/reports/documents/nhid_vaccine.pdf	Pediatric	No	Charges, Reimbursements	State	Claims	APCD	570	Includes data on whether individual was a NH resident or not	No
Preventive care	Immunization	Utilization	Not applicable	Resident and nonresident vaccinations	NA	NHID	http://www.nh.gov/insurance/reports/documents/nhid_vaccine.pdf	Pediatric	No	Not applicable	Health plan	Claims and enrollment data	APCD	571	None.	No

Measure Characteristics				Overall Measure Inventory Details											Deep Dive Measure Inventory Details	
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Preventive care	Immunization	Utilization	Not applicable	Number of billed vaccination administrations and the number of child members by carrier	NA	NHID	http://www.nh.gov/insurance/reports/documents/nhid_vacc_us_e.pdf	Pediatric	No	Not applicable	Health plan	Claims and enrollment data	APCD	572	None.	No
Preventive care	Immunization	Utilization	Not applicable	Number of billed vaccinations as a percentage of the child members, and child members as a percentage of company totals	NA	NHID	http://www.nh.gov/insurance/reports/documents/nhid_vacc_us_e.pdf	Pediatric	No	Not applicable	Health plan	Claims and enrollment data	APCD	573	None.	No
Preventive care	Immunization	Utilization	Not applicable	Number of child members receiving vaccinations depending on where the member lives and where the provider is located	NA	NHID	http://www.nh.gov/insurance/reports/documents/nhid_vacc_us_e.pdf	Pediatric	No	Not applicable	Health plan	Claims and enrollment data	APCD	574	None.	No
Preventive care	Colon cancer screening	Cost	Not applicable	Average Cost for Preventive Care: Colon Cancer Screening	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Adult	No	Reimbursement	State	Commercial health insurance claims	APCD	650	Point of contact: David Arcilesi, darcalesi@utah.gov .	No
Preventive care	Cross-cutting	Cost	Not applicable	Average Cost for Preventive Care: Preventive Physical Examinations (Males)	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Not specified	No	Reimbursement	State	Commercial health insurance claims	APCD	651	APCD manager.	No
Preventive care	Cross-cutting	Cost	Not applicable	Average Cost for Preventive Care: Preventive Physical Examinations (Females)	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Not specified	No	Reimbursement	State	Commercial health insurance claims	APCD	652		No
Preventive care	Breast cancer screening	Cost	Not applicable	Average Cost for Preventive Care: Breast Cancer Screening	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Adult	No	Reimbursement	State	Commercial health insurance claims	APCD	653	None.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Preventive care	Cervical cancer screening	Cost	Not applicable	Average Cost for Preventive Care: Cervical Cancer Screening	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Adult	No	Reimbursement	State	Commercial health insurance claims	APCD	655	None.	No
Preventive care	Immunization	Cost	Not applicable	Average Annual Cost for Recommended Immunizations: Birth-12 Months Old	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Pediatric	No	Reimbursement	State	Commercial health insurance claims	APCD	656	None.	No
Preventive care	Immunization	Cost	Not applicable	Average Annual Cost for Recommended Immunizations: Birth-6 Years Old	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Pediatric	No	Reimbursement	State	Commercial health insurance claims	APCD	657	None.	No
Preventive care	Immunization	Cost	Not applicable	Average Annual Cost for Recommended Immunizations: 1-2 Years Old	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Pediatric	No	Reimbursement	State	Commercial health insurance claims	APCD	658	None.	No
Preventive care	Immunization	Cost	Not applicable	Average Annual Cost for Recommended Immunizations: 7-17 Years Old	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Pediatric	No	Reimbursement	State	Commercial health insurance claims	APCD	659	None.	No
Preventive Care	Cross-cutting	Cost	Not applicable	Average Cost for Preventive Care	NA	Utah Health Data Committee	http://digitallibrary.utah.gov/awweb/awarchive?type=file&item=37048	Not specified	No	Reimbursement	State	Commercial health insurance claims	APCD	662	None.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Preventive care	Breast cancer screening	Quality	Process	Breast Cancer Screening: Non-dual adult women 42 to 69 years of age as of December 31 of the measurement year who had one or more mammograms during the measurement year or the year prior to the measurement year	NA	CMS core measure set	http://www.medicicaid.gov/medicaid-chip-program-information/by-topics/quality-of-care/downloads/adult-core-set-archive.zip (original source); most recent core measure set is at https://www.medicicaid.gov/medicaid/quality-of-care/downloads/medicaid-adult-core-set-manual.pdf .	Adult	No	Not applicable	State	New Hampshire Medicaid claims data	APCD	774	None.	No
Preventive care	Well-child visits	Quality	Process	Well-Child Visits in the First 15 Months of Life for 6 or More Visits by Geographic Region - Excluding NHHPP Members	NA	NCQA HEDIS	https://medicaidquality.nh.gov/reports/well-child-visits-in-the-first-15-months-of-life-for-6-or-more-visits-by-geographic-region---excluding-nhcpp-members-1	Pediatric	No	Not applicable	Region	New Hampshire Medicaid claims data	APCD	784	HEDIS measure set.	No
Preventive care	Breast cancer screening	Cost	Not applicable	Mammogram (Outpatient)	NA	NHID	http://nhhealthcost.nh.gov/costs/medical/results/98?carrier=uninsured	Not specified	No	Reimbursement by both insurer and patient	Facility	Administrative claims	APCD	1020	Uses median because it is more difficult to use the median payment to back out insurer contracted rates.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Preventive care	Well-child visits	Quality	Process	Adolescent Well-Care Visits	NA	HEDIS	https://wacomunitycheckup.org/media/1286/2016-community-checkup-technical-specifications.pdf	Pediatric	No	Not applicable	County, hospital, doctor group, doctor	Administrative claims	Quality website	1060	None.	No
Preventive care	Breast cancer screening	Cost	Not applicable	Mammography: average allowed amounts for possible services associated with this procedure	NA	VHI	http://www.vhi.org/healthcarepricing/	Not specified	No	Reimbursement, including facility and professional fees	State	Nine insurance carriers	Website	1109	CPT codes not provided. Stratified by type of provider (hospital, ambulatory surgery center, etc.).	No
Preventive care	Well-child visits	Cost	Not applicable	Office Visits: Well Child Visit: average allowed amounts for possible services associated with this procedure	NA	VHI	http://www.vhi.org/healthcarepricing/	Not specified	No	Reimbursement, including professional fees	State	Nine insurance carriers	Website	1111	CPT codes not provided. Stratified by type of provider (hospital, ambulatory surgery center, etc.).	No
Preventive care	Breast cancer screening	Quality	Process	Breast Cancer Screening	2372	NCQA	https://www.uhcwest.com/vgn/images/portal/cit_60701/600762581_PCA080402_009.pdf	Adult	No	Not applicable	Medical group	Claims and encounter data	Quality website	1286	None.	No
Preventive care	Well-child visits	Quality	Process	Child & Teen Check-Ups (Medicaid Population)	NA	HealthPartners	https://www.healthpartners.com/ucm/groups/public/@hp/@public/documents/documents/entry_179816.pdf	Pediatric	No	Not applicable	Health system	Administrative claims	Quality website	1373	None.	No
Preventive care	Immunization	Cost	Not applicable	Vaccinations (adult and pediatric)	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1473	None.	No
Preventive care	Primary care visits	Cost	Not applicable	Wellness Visits/Routine Exams (adult)	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1474	None.	No

Measure Characteristics				Overall Measure Inventory Details												Deep Dive Measure Inventory Details
Condition of Focus	Measure Condition Subcategory	Measure Type (Cost, Quality, or Utilization)	Quality Category (Process, Outcomes, Structure, Not Applicable)	Measure Name or Paper Name (From Lit Review)	NQF No.	Measure Steward	Web Address	Age Group (Pediatric, Adult, Not Specified)	Risk Adjustment (Yes, No, Not Stated)	Type of Cost (Out of Pocket, Charge, Reimbursement, Not Applicable, (Free Text OK)	Level of Analysis (e.g., State, County, ZIP Code, Hospital, Facility, Doctor)	Data Source	Source Type	Unique Project ID	Notes	Deep Dive Measure? (Yes, No)
Preventive care	Well-child visits	Cost	Not applicable	Wellness Visits/Routine Exams (pediatric)	NA	FAIR Health	http://fairhealthconsumer.org/medicalcostlookup.php	Not specified	No	Out of pocket, Charge, Reimbursement	ZIP3	Private claims, not specified	Cost website	1475	None.	No