

Proposed Clinical Quality Measures

This document presents a proposed set of Clinical Quality Measures (CQMs) for consideration by the Lt. Governor's Roundtable on Quality, Payment Reform, and Health Information Technology. The following sections present a defined set of *System Performance CQMs* to be monitored at the state and regional level (as feasible), plus a *Focused Menu of CQMs* for consideration by Virginia stakeholders.

System Performance CQMs

A proposed set of *System Performance CQMs* is presented in *Exhibit 1*. This set of CQMs would be used to track the overall performance of Virginia's health care system from a clinical perspective. The audiences for the *System Performance CQMs* would include all Virginia stakeholders interested in monitoring trends in health system performance. The data for these CQMs would come from providers, plans, or public surveys as reported to VDH and VHI. Please note the following limitations in the data as it currently exists. Some of these data limitations could be addressed over time in response to the needs and interests of Virginia stakeholders.

- There is an approximate six-month time lag in the indicators available from VHI. Also, selected indicators from VHI are available for some population segments (Medicaid, Medicare, private health plans) but not others (e.g. Self-Pay, Tricare).
- There is an approximate 12-month time lag in the indicators from VDH. Also, the indicators from VDH are based on estimates, and there may be limitations in the ability to produce highly accurate regional indicators and trend analyses based on estimates.
- Pilot testing will be required to assure that reliable and useful CQMs can be produced at the state and regional level.

Category / Measure	Age Group Focus	Central Data Sources	Current Geography
1. Access to Primary / Preventive / Ambulatory Health Services	All	VDH (estimates) VHI (segments)	State and regional
2. All-Cause PQI Admission Rate	All	VHI	State and regional
3. All-Cause 30-Day Readmission Rate	All	VHI	State and regional
4. All-Cause ED Visit Rate	All	VDH (estimates) VHI (segments)	State and regional
5. Per Capita Healthcare Expenditures	All	VHI (segments)	State and regional

Focused Menu of CQMs

A proposed *Focused Menu of CQMs* is presented in *Exhibit 2*. This menu was developed in response to growing concern that Virginia providers are being asked to produce far more CQMs than can be effectively monitored and managed in the practice setting. The purpose of this menu is to give Virginia stakeholders (providers, plans, purchasers, public health agencies, grant makers) a set of CQMs from which to choose as their first option when defining their key performance indicators. The goal of this menu is to create alignment around a core set of CQMs in an effort to reduce the overall reporting burden on providers. Please note the following parameters and data limitations for the *Focused Menu of CQMs*. Some of the data limitations could be addressed over time in response to the needs and interests of Virginia stakeholders.

- The menu is optional, flexible and subject to change as various measures rotate in and out of mainstream use.
- The menu is organized into three broad focus areas including *Strong Start for Children, Aging Well, and Rising Risk Adults*.

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- There is an approximate six-month time lag in the indicators from VHI. Also, selected indicators from VHI are available for some population segments (Medicaid, Medicare, private health plans) but not others (e.g. Self-Pay, Tricare).
- There is an approximate 12 to 18 month time lag in the VDH indicators. Also, the VDH indicators are based on estimates, and there may be limitations in the ability to produce highly accurate regional indicators and trend analyses based on estimates.
- For CQMs where there is no central data source listed, data would have to be developed from health plans, providers, or purchasers.

Exhibit 2. Focused Menu of CQMs					
Category / Measure	Measure Source	NQF #	Age Group Focus	Central Data Sources	Current Geography
Strong Start for Children					
1. Prenatal and Postpartum Care: Postpartum care	DMAS NCQA HEDIS		Women, Children	VHI (segments)	State and regional
2. Prenatal and Postpartum Care: Timeliness of Prenatal Care	DMAS NCQA HEDIS		Women, Children	VDH VHI (segments)	State and regional
3. Frequency of Ongoing Prenatal Care	DMAS NCQA HEDIS	1391	Women, Children	VDH	State and regional
4. NQI Neonatal Blood Stream Infection Rate	AHRQ	478	Children		
5. PQI Low Birth Weight Rate	AHRQ	278	Children	VDH VHI (segments)	State and regional
6. Children's and Adolescents Access to Primary Care Practitioners	DMAS, NCQA HEDIS		Children	VHI (segments)	State and regional
7. Childhood and Adolescent Immunization Status (age 2; age 13)	DMAS NCQA HEDIS PQRS, MU, UDS	38	Children	VDH (estimates) VHI (segments)	State only for VDH
8. Lead Screening in Children	DMAS NCQA HEDIS		Children	VDH (estimates)	State and regional (high risk only)
9. Well Child and Adolescent Well-Care Visits: age 3-6	DMAS NCQA HEDIS		Children	VHI (segments)	State and regional
10. Well Child and Adolescent Well-Care Visits: ages 12-21	DMAS NCQA HEDIS		Children	VHI (segments)	State and regional
11. Well Child and Adolescent Well-Care Visits: first 15 months of life	DMAS NCQA HEDIS		Children	VHI (segments)	State and regional
12. Weight Assessment and Counseling for Nutrition and Physical Activity for Children and Adolescents	DMAS NCQA HEDIS	24	Children	VHI (segments)	State and regional
13. Appropriate Testing for Children With Pharyngitis	DMAS NCQA HEDIS MU PQRS	2	Children	VHI (segments)	State and regional
14. Appropriate Treatment for Children with Upper Respiratory Infection	DMAS NCQA HEDIS MU PQRS	69	Children	VHI (segments)	State and regional
15. Annual Dental Visit (age 2-21)	NCQA HEDIS PQRS		Children		
16. Children who have dental decay or cavities	MU	1335	Children	VDH (estimates)	State and regional
17. Dental Sealants for 6-9 Year-Old Children at Elevated Caries Risk	UDS		Children	VDH (estimates)	State and regional
18. Follow-up Care for Children Prescribed ADHD Medication	DMAS, NCQA HEDIS, MU, PQRS	108	Children	VHI (segments)	State and regional
19. Metabolic Monitoring for Children and Adolescents on Antipsychotics	DMAS, NCQA HEDIS		Children		State and regional
20. Use of First-Line Psychosocial Care for Children and Adolescents on Anti-Psychotics	DMAS, NCQA HEDIS		Children		
21. Use of Multiple Concurrent Antipsychotics in Children and Adolescents (new in 2015)	DMAS NCQA HEDIS		Children		

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Category / Measure	Measure Source	NQF #	Age Group Focus	Central Data Sources	Current Geography
Aging Well					
22. Care for Older Adults (medication review)	NCQA HEDIS	553	Seniors		
23. Fall Risk Management: Intervention / Managing Fall Risk	NCQA HEDIS, PQRS		Seniors		
24. Fall Risk Management: Screening for Future Fall Risk	ACO, NCQA HEDIS, PQRS		Seniors		
25. Flu Vaccinations for Adults Ages 65 and Older	NCQA HEDIS		Seniors	VDH (estimates)	State and regional
26. Physical Activity in Older Adults	NCQA HEDIS	29	Seniors	VDH (estimates)	State and regional
27. Pneumococcal Vaccination Status for Older Adults	ACO, NCQA HEDIS, PQRS	43	Seniors	VDH (estimates)	State and regional
28. Potentially Harmful Drug-Disease Interactions in the Elderly	NCQA HEDIS		Seniors		
29. Use of High-Risk Medications in the Elderly	NCQA HEDIS, MU, PQRS	22	Seniors		
Rising Risk Adults					
Tobacco					
30. Advising Smokers and Tobacco Users to Quit	ACO DMAS NCQA HEDIS MU PQRS UDS	27	Adults Seniors		
31. Discussing Cessation Medications	DMAS NCQA HEDIS		Adults Seniors		
32. Discussing Cessation Strategies	DMAS NCQA HEDIS	27	Adults Seniors		
Weight					
33. Adult BMI Assessment	DMAS NCQA HEDIS		Adults Seniors	VHI (segments)	State and regional
Behavioral Health					
34. Adherence to Antipsychotic Medications for Individuals With Schizophrenia	DMAS NCQA HEDIS PQRS	1879	Adults Seniors		
35. Screening for Clinical Depression and Follow-Up Plan	ACO, MU, PQRS, UDS	418	Adults Seniors		
36. Anti-Depressant Medication Management	DMAS, NCQA HEDIS, PQRS	105	Adults Seniors	VHI (segments)	State and regional
37. Follow-up after Hospitalizations for Mental Illness (30 day, 7 day)	DMAS, NCQA HEDIS, PQRS	576	Adults Seniors	VHI (segments)	State and regional
38. Initiation and Engagement of Alcohol and Other Drug Dependence Treatment	DMAS, NCQA HEDIS, PQRS	4	Adults Seniors	VHI (segments)	State and regional
39. Identification of Alcohol and Other Drug Services	DMAS NCQA HEDIS		Adults Seniors	VHI (segments)	State and regional
Cancer					
40. Breast Cancer Screening	ACO, DMAS, NCQA HEDIS, PQRS	2372	Adults Seniors	VDH (estimates) VHI (segments)	State and regional
41. Cervical Cancer Screening	ACO, DMAS, NCQA HEDIS, PQRS	32	Adults Seniors	VDH (estimates) VHI (segments)	State and regional
42. Colorectal Cancer Screening	ACO, DMAS, NCQA HEDIS, PQRS	34	Adults Seniors	VDH (estimates) VHI (segments)	State and regional
Cardiovascular and Cerebrovascular Disease					
43. Annual Monitoring for Patients on Persistent Medications	DMAS, NCQA HEDIS	2371	Adults Seniors	VHI (segments)	State and regional
44. Aspirin Use and Discussion	DMAS NCQA HEDIS		Adults Seniors		
45. Cardiovascular Monitoring for People With Cardiovascular Disease and Schizophrenia	DMAS NCQA HEDIS	1933	Adults Seniors		
46. Cholesterol Management, LDL Control	DMAS, PQRS, UDS		Adults Seniors		
47. Controlling High Blood Pressure	ACO, DMAS, NCQA HEDIS, MU, PQRS, UDS	18	Adults Seniors	VHI (segments)	State and regional
48. Persistence of Beta Blocker Treatment After a Heart Attack	DMAS NCQA HEDIS	71	Adults Seniors	VHI (segments)	State and regional

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Category / Measure	Measure Source	NQF #	Age Group Focus	Central Data Sources	Current Geography
49. PQI Admissions for Cardiovascular Conditions	NCQA HEDIS, PQRS, UDS		Adults Seniors	VHI (segments)	State and regional
Chronic Lower Respiratory Disease					
50. Asthma Medication Ratio	DMAS, NCQA HEDIS	1800	Adults Seniors		
51. Medication Management for People with Asthma	NCQA HEDIS, PQRS, UDS	1799	Adults Seniors		
52. Use of Appropriate Medications for People with Asthma	DMAS, NCQA HEDIS, MU, PQRS, UDS	36	Adults Seniors	VHI (segments)	State and regional
53. PQI Admissions for Asthma in Older Adults	ACO, AHRQ		Adults Seniors	VHI (segments)	State and regional
54. Avoidance of Antibiotic Treatment in Adults with Acute Bronchitis	DMAS, NCQA HEDIS, PQRS	58	Adults Seniors	VHI (segments)	State and regional
55. Pharmacotherapy Management of COPD Exacerbation - Use of Bronchodilators	DMAS, NCQA HEDIS, PQRS		Adults Seniors	VHI (segments)	State and regional
56. Pharmacotherapy Management of COPD Exacerbation - Use of Systemic Corticosteroids	DMAS, NCQA HEDIS		Adults Seniors	VHI (segments)	State and regional
57. Use of Spirometry Testing in the Assessment and Diagnosis of COPD	DMAS, NCQA HEDIS, PQRS	577	Adults Seniors	VHI (segments)	State and regional
58. PQI Admissions for Chronic Obstructive Pulmonary Disease (COPD)	ACO, AHRQ		Adults Seniors	VHI (segments)	State and regional
Diabetes					
59. Comprehensive Diabetes Care (NCQA HEDIS® 2015)	DMAS NCQA HEDIS		Adults Seniors		
60. Comprehensive Diabetes Care (NCQA HEDIS® 2015)- BP Control (<140/90 mm Hg)	DMAS NCQA HEDIS	61	Adults Seniors		
61. Comprehensive Diabetes Care (NCQA HEDIS® 2015)-Eye exam (retinal) performed	DMAS NCQA HEDIS	55	Adults Seniors	VHI (segments)	State and regional
62. Comprehensive Diabetes Care (NCQA HEDIS® 2015)- Hemoglobin A1c (HbA1c) testing	DMAS NCQA HEDIS	57	Adults Seniors	VHI (segments)	State and regional
63. Comprehensive Diabetes Care (NCQA HEDIS® 2015)-HbA1c control (<7.0%) for a selected population	DMAS NCQA HEDIS		Adults Seniors	VHI (segments)	State and regional
64. Comprehensive Diabetes Care (NCQA HEDIS® 2015)-HbA1c control (<8.0%)	DMAS NCQA HEDIS	575	Adults Seniors	VHI (segments)	State and regional
65. Comprehensive Diabetes Care (NCQA HEDIS® 2015)-HbA1c poor control (>9.0%)	DMAS NCQA HEDIS	59	Adults Seniors	VHI (segments)	State and regional
66. Comprehensive Diabetes Care (NCQA HEDIS® 2015)-Medical attention for nephropathy	DMAS NCQA HEDIS	62	Adults Seniors	VHI (segments)	State and regional
67. Diabetes Monitoring for People With Diabetes and Schizophrenia	DMAS NCQA HEDIS	62	Adults Seniors		
68. Diabetes Screening for People With Schizophrenia or Bipolar Disorder Who Are Using Antipsychotic Medications	DMAS NCQA HEDIS	1934	Adults Seniors		
69. PQI Admissions for Diabetes Short-Term Complications	AHRQ		Adults Seniors	VHI (segments)	State and regional
Musculoskeletal Conditions					
70. Disease-Modifying Anti-Rheumatic Drug Therapy for Rheumatoid Arthritis	DMAS NCQA HEDIS PQRS	54	Adults Seniors	VHI (segments)	State and regional

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Category / Measure	Measure Source	NQF #	Age Group Focus	Central Data Sources	Current Geography
71. Osteoporosis Management in Women Who Had a Fracture	NCQA HEDIS PQRS	53	Adults Seniors		
72. Osteoporosis Testing in Older Women	NCQA HEDIS PQRS	37	Adults Seniors		
73. Use of Imaging Studies for Low Back Pain	DMAS NCQA HEDIS MU PQRS	52	Adults Seniors	VHI (segments)	State and regional