

Colorectal Cancer Screening

Background:

The Military Health System Population Health Portal (MHSPHP) methodology is based on the 2010 Healthcare Effectiveness Data and Information Set (HEDIS[®]) criteria. These are a set of criteria used to benchmark treatment facilities using a common methodology and should not be confused with clinical practice guidelines. Adults, age 51-75, were selected for benchmarking measurement, because evidence supporting screening is strongest among this age group. The “action report” provided to medical treatment facilities (MTF) and Managed Care Support Contractors (MCSC) on the MHSPHP includes all TRICARE Prime/Plus adults age 50-75, regardless of continuous enrollment, accounting for at least a one year look back.

Measure Definition:

Percentage of adults enrolled in TRICARE Prime/Plus, age 51-75, who had appropriate colorectal cancer screening. Screening intervals vary according to the method of screening.

Benchmark:

HEDIS[®] 50th-75th-90th percentiles: National Committee for Quality Assurance (NCQA), State of Health Care Quality, 2009.

Benchmark	HEDIS [®] Percentiles (50-75-90)
Colorectal Cancer Screening	59.4%--65.0%--69.6%

Numerator:

Number of adults continuously enrolled in TRICARE Prime/Plus, age 51-75, who had appropriate colorectal cancer screening in direct care or purchased care. Screening intervals vary according to the method of screening.

One or more screenings for Colorectal Cancer Screening. Appropriate screening must meet one of three criteria:

- Fecal Occult Blood Test (FOBT) within the last 12 months
- Flexible Sigmoidoscopy within the last 60 months
- Colonoscopy within the last 120 months

Denominator:

Number of adult enrollees as of the last day of the measurement month, age 51-75, who were continuously enrolled during the preceding 24-month period. An adult whose coverage lapses for more than two months (60 days) during each previous 12-month period of enrollment is not considered continuously enrolled.

Patients with a diagnosis of colorectal cancer or with a previous total colectomy are excluded (see exclusion codes below under “Data Sources & Codes”). Performance

measures require a retrospective approach; adults are not included in the denominator for this measure until age 51 (1-year look back).

Data Sources:

- Defense Eligibility Enrollment Registration System (DEERS)
- Composite Health Care System (CHCS) Managed Care Platform National Enrollment Database (NED) module
- Purchased Care Claims Data (NETWORK) (M2)
- Standard Ambulatory Data System (SADR) (M2)
- Standard Inpatient Data System (SIDR) (M2)
- M2_RAD
- CHCS Lab
- AHLTA Clinical Data Mart (CDM) Historical Procedures

Methodology:

- Use DEERS to identify adults continuously enrolled in TRICARE Prime/Plus, age 51-75
- Use SADR/SIDR/NETWORK (M2) data to identify adults, age 51-75, with at least one code to identify colorectal cancer screening
- Use SADR/SIDR/NETWORK (M2) data to exclude adults with a history of colorectal cancer or total colectomy
- Use CHCS Lab ad hoc to identify additional Fecal Occult Blood Tests in direct care
- Use CHCS Managed Care Platform NED module ad hoc report to identify Primary Care Manager (PCM) in direct care
- Use CDM Historical procedures to identify adults who have a documented history of colon cancer screening (FOBT, DCBE, sigmoidoscopy, colonoscopy) or total colectomy in Historical procedures

Data Sources & Codes:

Codes to Identify Colorectal Cancer Screening

Description	CPT Codes	HCPCS	ICD-9-CM Diagnosis	ICD-9-CM Procedure
Fecal Occult Blood Test (FOBT)	82270, 82274	G0328, G0394	V76.51	
Flexible Sigmoidoscopy	45330-45335, 45337-45342, 45345	G0104		45.24,
Colonoscopy	44388-44394, 44397, 45355, 45378-45387, 45391, 45392	G0105, G0121		45.22, 45.23, 45.25, 45.42, 45.43

Codes to *exclude* members for Colorectal Cancer Screening

Description	CPT Codes	HCPCS	ICD-9-CM Diagnosis	ICD-9-CM Procedure
Colorectal Cancer		G0213-G0215, G0231	153, 154.0, 154.1, 197.5, V10.05	
Total Colectomy	44150-44153,			45.8

	44155-44158, 44210-44212			
--	-----------------------------	--	--	--

Note: Enrollees with a documented history of total colectomy appear in the QuickLook sheet with a date for the clinical preventive service set to 09 Sep 9999.

HEDIS® MTF/MCSC Aggregate Report:

Percentage of adults enrolled in TRICARE Prime/Plus, age 51-75, identified as having appropriate colorectal cancer screening. Screening intervals vary according to the method of screening.

Action Report:

List of all adults enrolled in TRICARE Prime/Plus age 50 and older, by Primary Care Manager (PCM) or TRICARE Region. Identifies adults with the date of their most recently documented colorectal cancer screening and those who could not be identified as having a colorectal cancer screening. The action list is based on current DEERS enrollment, in contrast to the HEDIS® aggregate report which specifies continuous enrollment.

Note: Adults with a documented history of total colectomy will not be included in the Action Report, but will appear in the QuickLook sheet with a Colon Ca Scr Date of 09 Sep 9999.

Action Report Data Elements:

- Patient's Name
- Sponsor's Social Security Number (SSN)
- Family Member Prefix (FMP)
- Date of Birth
- Age
- Gender
- Beneficiary Category (BENCAT)
- PCM Name
- Provider Group**
- PCM ID*
- PCMID Type*
- Colonoscopy Date
- Flex Sigmoid Date
- FOBT Date
- DCBE Date²
- CT Colonoscopy Date³
- Source
- Contact Info**
- Defense Medical Information System (DMIS)
- TRO
- Service**

*TRO Action Lists only

****Direct Care Action Lists only**

Recommended Action:

Review medical records of the patients identified as **NOT** having a colorectal cancer screening.

- Schedule/initiate colorectal cancer screening if patient is overdue
- Anticipate those adults who will need colorectal cancer screening in the near future for demand forecasting and the initiation of population health initiatives

Notes:

1. Due to the record reporting lag time, not all of the previous months' records may be included in this reporting period.
2. Double Contrast Barium Enema (DCBE) no longer meets the HEDIS® numerator criteria and will not impact the HEDIS® MTF/MCSC Aggregate Report. Patients who have a history of DCBE in the last 5 years will have the test date included in the Action List for informational purposes only.
3. The US Preventive Services Task Force has concluded that the evidence is insufficient to assess the benefits and harms of computer tomographic (CT) colonoscopy as a screening test for colorectal cancer. The CT colonoscopy date is included in the action list for informative purposes only; CT colonoscopy screens do not qualify for the HEDIS® numerator and therefore do not impact the HEDIS® MTF/MCSC Aggregate Report. CT Colonoscopy dates are for informational purposes only.