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HEALTH OFFICER MEMORANDUM

DATE: May 9, 2013

HO Memo #13-16

TO: Health Officers
CRF Cancer Program Coordinators

FROM: Carmela Groves, R.N., M.S., Program Manager, Surveillance and Evaluation Unit
Kelly Richardson, M.P.H., Epidemiologist, Surveillance and Evaluation Unit
Center for Cancer Prevention and Control

RE: HEDIS 2012: Measures for Colorectal, Breast, and Cervical Cancer Screening in Maryland, 2010-2012 Reporting Years

This memo and attachments present the most current Healthcare Effectiveness Data and Information Set (HEDIS) screening measures for colorectal cancer (CRC), breast cancer, and cervical cancer in Maryland. These data serve to update screening measures previously presented in HOM #12-12.

The HEDIS, developed by the National Committee for Quality Assurance (NCQA), is a standard set of measures used to assess and report on the performance and quality of a variety of services delivered by managed care plans. The Maryland Health Care Commission (MHCC) currently reports HEDIS performance data for the reporting year 2012, for eight Health Maintenance Organizations (HMOs) and their Point of Service (POS) plans that serve the commercially insured population and that receive over one million dollars in Maryland premiums. In addition, six Maryland preferred provider organizations (PPOs) were required to report HEDIS performance data for 2012 as well.

In 2012, the most recent reporting year, the MHCC required that all plans report on HEDIS measures of care, including screening rates for breast cancer, cervical cancer, and CRC. While breast cancer and cervical cancer screening have been included as HEDIS measures since the early 1990s, CRC

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screening was not included until 2003. This addition of CRC screening has been an important factor not only in increasing public awareness of the importance of CRC screening, but in influencing insurers to cover routine screening services.

Attachment 1 is a synopsis of recent HEDIS data for CRC, breast cancer, and cervical cancer screening from Maryland HMO/POS and PPO providers from the MHCC publication *2012 Health Benefit Plan Quality and Performance Report*. HMO/POS data are presented for the reporting period 2010-2012 (services performed during calendar years [CY] 2009-2011). PPO data are reported for 2012. Attachment 2 contains graphs of the HEDIS measures for CRC and breast cancer screening from Maryland HMO/POS providers for 2008-2012.

Additional information on HEDIS measures and plan performance is available from the following sources:

- NCQA: <http://www.ncqa.org/HEDISQualityMeasurement.aspx>
- MHCC: <http://mhcc.dhmh.maryland.gov/healthplan/Pages/default.aspx>

If you have any questions regarding this memo or HEDIS measures, please contact Kelly Richardson at 410-767-7842 or kelly.richardson@maryland.gov.

Attachments (e-mailed to Health Officers and CRF/CPEST Program Coordinators)

cc: D. Dwyer
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**Colorectal, Breast, and Cervical Cancer Screening in Maryland
Based on Healthcare Effectiveness Data and Information Set (HEDIS) 2012 Measures**

BACKGROUND

The Healthcare Effectiveness Data and Information Set (HEDIS) is a tool used by more than 90 percent of America's health plans to measure performance on important dimensions of care and service. HEDIS consists of 79 measures across 5 domains of care. Because so many plans collect HEDIS data, and because the measures are so specifically defined, HEDIS makes it possible to compare the performance of health plans on an "apples-to-apples" basis. Health plans also use HEDIS results themselves to see where they need to focus their improvement efforts. HEDIS is designed to provide purchasers and consumers with the information they need to reliably compare the performance of health care plans.

HEDIS information reported by the Maryland Health Care Commission (MHCC) includes Health Maintenance Organizations (HMOs) and Point of Service (POS) plans that primarily serve the commercially insured population and receive over one million dollars in Maryland premiums. For reporting year 2012, the MHCC required HMO/POS plans to report on several cancer screening HEDIS measures including colorectal, breast, and cervical cancer. Starting in 2012, the MHCC also required six Maryland preferred provider organizations (PPOs) to report on the same HEDIS measures as the HMO/POS plans.

The eligible population are health plan members 18 years of age and older as of December 31 of the measurement year (2011). Members had to be continuously enrolled in the year prior for 11 out of the 12 months of 2011, and remain enrolled in the plan in 2012.

I. COLORECTAL CANCER (CRC) SCREENING

The 2012 HEDIS measure for colorectal cancer (CRC) screening is the percentage of adults 50-75 years of age in the measurement year who had "appropriate" screening for CRC. Appropriate CRC screenings must meet one of following three criteria (a person can meet more than one criterion):

- Fecal occult blood test (FOBT) during the measurement year;
- Flexible sigmoidoscopy during the measurement year or the four years prior to the measurement year; or
- Colonoscopy during the measurement year or the nine years prior to the measurement year.

The exclusion criteria are: adults having had colon cancer or a total colectomy.

CRC Screening Measure Results for Maryland (Tables 1 and 2)

Highlights:

- From 2010 to 2012, the Maryland HMO/POS average percent screened for CRC increased 1 percentage point, from 62% to 63% (Table 1). Maryland's 2012 HMO/POS average (63%) was the same as the national average of 63%. Trends in CRC screening

for the period 2008-2012, by HMO/POS, are displayed in the attached graph (Attachment 2).

- In reporting year 2012, CRC screening rates for Maryland HMO plans ranged from 54% to 76%. Three HMO/POS plans were rated significantly better than the Maryland average, one plan received an average score, and four plans received below-average scores.
- Maryland’s 2012 PPO average (62%) (Table 2) was higher than the national average of 48%.
- In reporting year 2012, CRC screening rates for Maryland PPO plans ranged from 53% to 67% (Table 2). Three PPO plans were rated significantly better than the Maryland average, two plans received average scores, and one plan received a below-average score.

Table 1. Trends in Colorectal Cancer Screening Performed by Commercial HMO/POS Providers in Maryland - HEDIS Measure for 2010-2012 Reporting Years

	Comparison of absolute rates			Comparison of relative rates ¹		
	2010	2011	2012	2010	2011	2012
<i>Maryland HMO/POS average</i>	62%	63%	63%			
Aetna	62%	63%	64%	**	**	**
Blue Choice	58%	59%	57%	**	**	*
CIGNA	72%	73%	76%	***	***	***
Coventry	46%	57%	54%	*	*	*
Kaiser Permanente	66%	72%	71%	***	***	***
M.D. IPA	68%	68%	69%	***	***	***
OCI	59%	59%	57%	**	**	*
UnitedHealthcare		55%	57%		*	*

¹ Relative rates represent statistically significant differences between an individual plan rate and the Maryland HMO/POS average for a given reporting year.

*** Plan performed significantly better than the Maryland HMO/POS average.

** Plan performed equivalent to the Maryland HMO/POS average.

* Plan performed significantly worse than the Maryland HMO/POS average.

Table 2. Colorectal Cancer Screening Performed by Preferred Provider Organizations (PPOs) in Maryland – HEDIS Measure for 2012 Reporting Year

	Comparison of absolute rates	Comparison of relative rates ¹
	2012	2012
<i>Maryland PPO average</i>	62%	
Aetna	67%	***
Blue Preferred	62%	**
CGLIC	64%	***
Coventry	53%	*
MAMSI	61%	**
United	65%	***

¹ Relative rates represent statistically significant differences between an individual plan rate and the Maryland PPO average for a given reporting year.

*** Plan performed significantly better than the Maryland PPO average.

** Plan performed equivalent to the Maryland PPO average.

* Plan performed significantly worse than the Maryland PPO average.

II. BREAST CANCER SCREENING

The 2012 HEDIS measure for breast cancer screening measure is the percentage of women aged 40-69 years who had at least one mammogram during the measurement year or one year prior. Exclusion criterion is: women having had a bilateral mastectomy (may occur on the same or separate dates).

Breast Cancer Screening Measure Results for Maryland (Tables 3 and 4)

Highlights:

- Between reporting years 2010 and 2012, five out of seven HMO/POS plans decreased their rate of breast cancer screening. The Maryland HMO/POS average decreased by 1% over this period (Table 3). Trends in breast cancer screening for the period 2008-2012, by HMO/POS, are displayed in the attached graph (Attachment 2).
- In 2012, one plan performed above the Maryland HMO/POS average, six plans were rated as average, and one plan was rated below the Maryland average.
- Maryland's 2012 PPO average (68%) (Table 4) was higher than the national average of 67%.
- In reporting year 2012, breast cancer screening rates for Maryland PPO plans ranged from 64% to 71% (Table 4). Two PPO plans were rated significantly better than the Maryland average, two plans received average scores, and two plans received below-average scores.

Table 3. Trends in Breast Cancer Screening Performed by Commercial HMO/POS Providers in Maryland - HEDIS Measure for 2010-2012 Reporting Years

	Comparison of absolute rates			Comparison of relative rates ¹		
	2010	2011	2012	2010	2011	2012
<i>Maryland HMO/POS average</i>	70%	69%	69%			
Aetna	69%	69%	68%	**	**	**
Blue Choice	68%	67%	65%	*	*	**
CIGNA	70%	70%	69%	***	***	**
Coventry	69%	68%	67%	*	**	**
Kaiser Permanente	82%	83%	85%	***	***	***
M.D. IPA	66%	65%	67%	*	*	**
OCI	63%	60%	63%	*	*	*
UnitedHealthcare		68%	66%		*	**

¹ Relative rates represent statistically significant differences between an individual plan rate and the Maryland HMO/POS average for a given reporting year.

*** Plan performed significantly better than the Maryland HMO/POS average.

** Plan performed equivalent to the Maryland HMO/POS average.

* Plan performed significantly worse than the Maryland HMO/POS average.

Table 4. Breast Cancer Screening Performed by Preferred Provider Organizations (PPO) in Maryland - HEDIS Measure for 2012 Reporting Year

	Comparison of absolute rates	Comparison of relative rates ¹
	2012	2012
<i>Maryland PPO average</i>	68%	
Aetna	67%	**
Blue Preferred	68%	**
CGLIC	66%	*
Coventry	64%	*
MAMSI	71%	***
United	71%	***

¹ Relative rates represent statistically significant differences between an individual plan rate and the Maryland PPO average for a given reporting year.

*** Plan performed significantly better than the Maryland PPO average.

** Plan performed equivalent to the Maryland PPO average.

* Plan performed significantly worse than the Maryland PPO average.

III. CERVICAL CANCER SCREENING

The 2012 HEDIS measure for cervical cancer screening measure is the percentage of women aged 21-64 years who received one or more Pap tests during the measurement year or 2 years prior. Exclusion criterion is: women having had a complete hysterectomy with no residual cervix.

Cervical Cancer Screening Measure Results for Maryland (Tables 5 and 6)

Highlights:

- The Maryland HMO/POS average for cervical cancer screening was 78% for 2012, with Maryland plans ranging from 75% to 87% (Table 5).
- In 2012, the comparison of relative rates found that one plan performed significantly better than the Maryland HMO/POS average, six plan received average scores, and one plan was rated significantly worse than the Maryland average.
- Maryland's 2012 PPO average (76%) (Table 6) was higher than the national average of 75%.
- In reporting year 2012, cervical cancer screening rates for Maryland PPO plans ranged from 69% to 79% (Table 6). Two PPO plans were rated significantly better than the Maryland average, three plans received average scores, and one plan received a below-average score.

Table 5. Trends in Cervical Cancer Screening Performed by Commercial HMO/POS Providers in Maryland - HEDIS Measure for 2010-2012 Reporting Years

	Comparison of absolute rates			Comparison of relative rates ¹		
	2010	2011	2012	2010	2011	2012
<i>Maryland HMO/POS average</i>	77%	78%	78%			
Aetna	77%	77%	77%	**	*	**
Blue Choice	77%	77%	77%	*	*	**
CIGNA	79%	78%	78%	***	**	**
Coventry	75%	75%	75%	*	*	*
Kaiser Permanente	78%	84%	87%	***	***	***
M.D. IPA	80%	79%	79%	***	***	**
OCI (a)	76%	75%	76%	*	*	**
UnitedHealthcare		79%	78%		***	**

¹ Relative rates represent statistically significant differences between an individual plan rate and the Maryland HMO/POS average for a given reporting year.

- *** Plan performed significantly better than the Maryland HMO/POS average.
- ** Plan performed equivalent to the Maryland HMO/POS average.
- * Plan performed significantly worse than the Maryland HMO/POS average.

Table 6. Cervical Cancer Screening Performed by Preferred Provider Organizations (PPO) in Maryland - HEDIS Measure for 2010-2012 Reporting Years

	Comparison of absolute rates	Comparison of relative rates ¹
	2012	2012
<i>Maryland PPO average</i>	76%	
Aetna	77%	**
Blue Preferred	69%	*
CGLIC	76%	**
Coventry	76%	**
MAMSI	79%	***
United	79%	***

¹ Relative rates represent statistically significant differences between an individual plan rate and the Maryland PPO average for a given reporting year.

- *** Plan performed significantly better than the Maryland PPO average.
- ** Plan performed equivalent to the Maryland PPO average.
- * Plan performed significantly worse than the Maryland PPO average.

Sources

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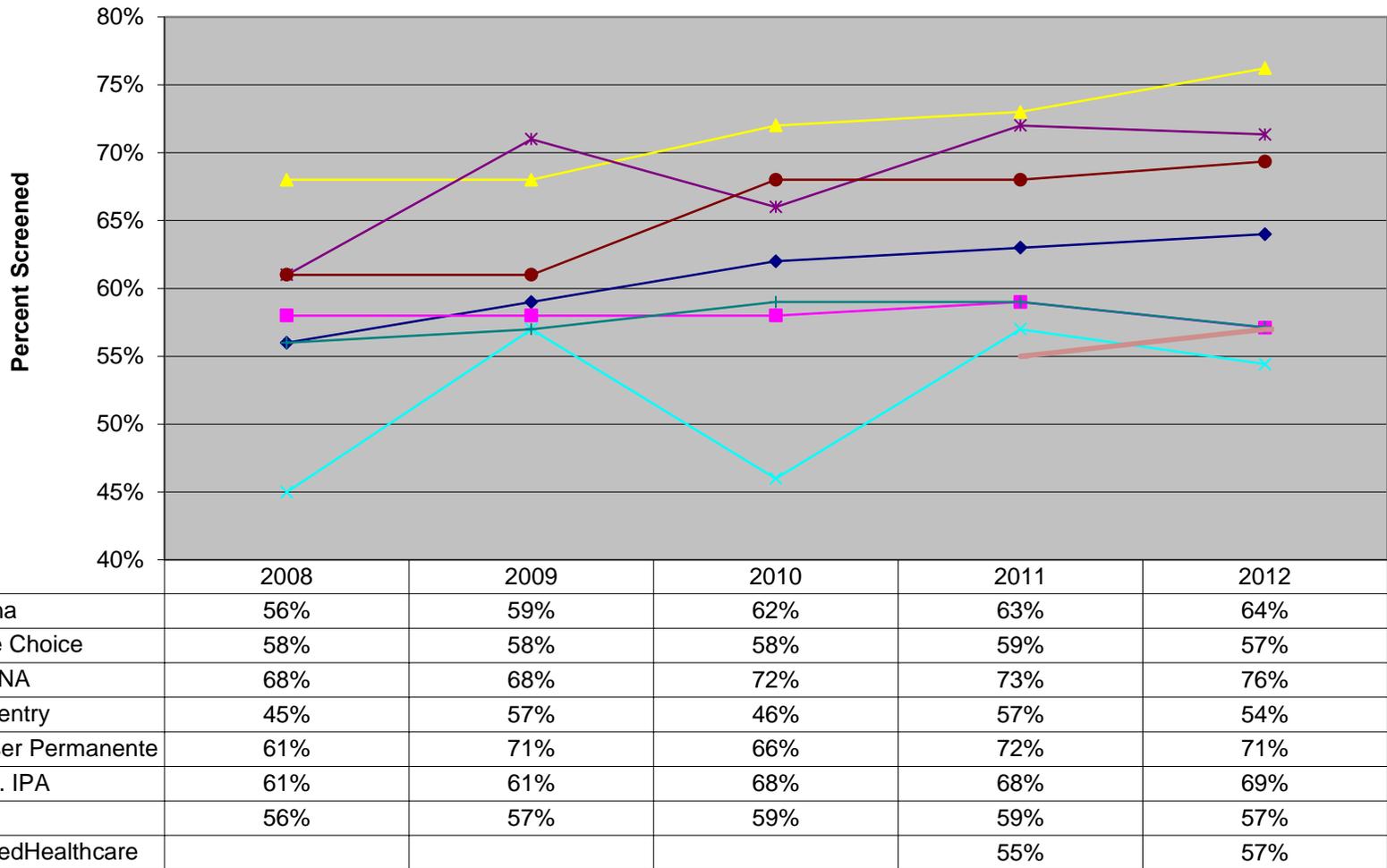
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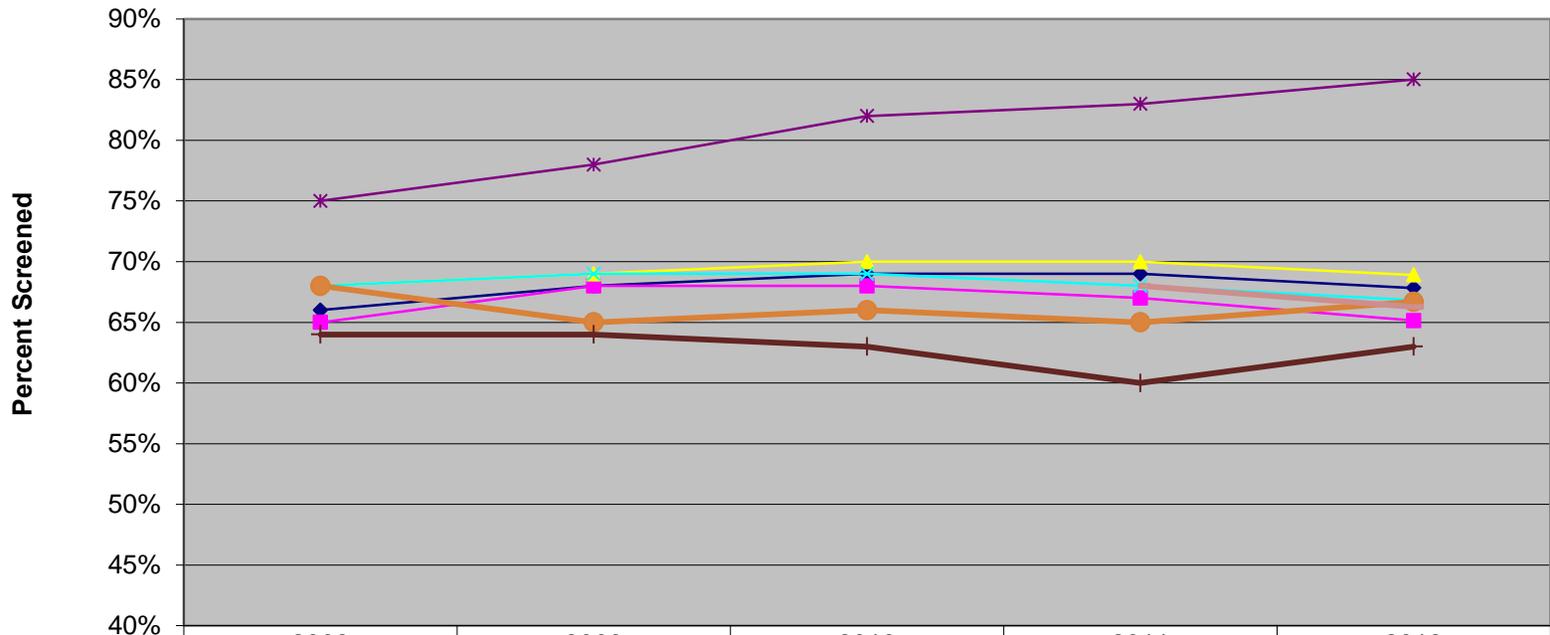
Fallon Community Health Plan-2013 HEDIS Measures (Updated January, 2013):
<http://www.fchp.org/providers/resources/hedis-measures.aspx>

CCSC HO Memo #13-16 Attachment 2
HEDIS Measures for Colorectal Cancer Screening by Commercial HMO/POS Providers in Maryland 2008-2012



Year

CCSC HO Memo #13-16 Attachment 2
HEDIS Measures for Breast Cancer Screening by Commercial HMO/POS Providers in
Maryland 2008-2012



	2008	2009	2010	2011	2012
◆ Aetna (a)	66%	68%	69%	69%	68%
■ Blue Choice	65%	68%	68%	67%	65%
▲ CIGNA	68%	69%	70%	70%	69%
✧ Coventry (a)	68%	69%	69%	68%	67%
* Kaiser Permanente (a)	75%	78%	82%	83%	85%
● M.D. IPA	68%	65%	66%	65%	67%
⊕ OCI	64%	64%	63%	60%	63%
— UnitedHealthcare				68%	66%

Year