



RESOURCE AND PATIENT MANAGEMENT SYSTEM

# **IHS Clinical Reporting System (BGP)**

## **National GPRA & PART Report Performance Measure List and Definitions**

Version 9.0  
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Office of Information Technology (OIT)  
Division of Information Resource Management  
Albuquerque, New Mexico

## REVISION HISTORY

Date	Revision	Description	Author
03/04/09	N/A	Distribution to field leads for review.	S. Klepacki
03/11/09	1	Diabetic Retinopathy: Clarified definition for diabetic eye exam. This is a text change only and does not require a program logic change.	S. Klepacki
03/11/09	2	Colorectal Cancer Screening: Added "(old code)" to code G0394 for refusal of fecal occult blood test.	S. Klepacki
03/19/09	3	Distribution to GPRA Coordinators and CRS listserv.	S. Klepacki
05/12/09	4	Tobacco Use and Exposure Assessment: Removed denominator #2 for pregnant patients and its associated definitions since the denominator is not included in this report. Also removed in denominator the reference to the breakdown by age and gender groups since this report does not contain that level of information.	S. Klepacki
05/14/09	5	Revised GPRA targets for all diabetes and dental measures.	S. Klepacki
07/15/09	6	(1) Revised denominator description for all topics that use the Active Diabetic denominator to reflect the current wording from the CRS report. There are no actual logic changes.  (2) Tobacco Use and Exposure Assessment: Removed references to pregnant patients denominator since the denominator is not included in this report.  (3) HIV Screening, pregnancy definition: Indicated the corrections that were made to CRS programming logic to make it consistent with the CRS textual description of the logic. The textual description of the performance measure definition did not change.	S. Klepacki

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## 1.0 CRS 2009 National GPRA & PART Report

The following performance measures will be reported in the Clinical Reporting System (CRS) 2009 National Government Performance and Results Act of 1993 (GPRA) & Program Assessment Rating Tool (PART) Report.

### Note:

**Font** indicates official GPRA measures reported in the National GPRA Report submitted to Office of Management and Budget (OMB) and Congress.

*Font* indicates changes from CRS version 8.0 Patch 3.

+ Not an official GPRA measure but is included in the National GPRA Report provided to OMB and Congress to provide context to a GPRA measure(s).

\* Not an official GPRA measure and is not included in the National GPRA Report provided to OMB and Congress. This measure is included to provide context to a GPRA measure(s).

\*\* GPRA Developmental measure. Has the potential to become a GPRA measure in the future. This measure is *not* included in the National GPRA Report submitted to OMB and Congress.

\*\*\* PART measure included in the PART Report submitted to OMB.

### DIABETES GROUP

#### Diabetes Prevalence

+Diabetes Diagnosis Ever

\*Diabetes Diagnosis during GPRA Year

#### Glycemic Control

+Documented Alc

**GPRA: Poor Glycemic Control**

**GPRA: Ideal Glycemic Control**

#### Blood Pressure Control

\*BP Assessed

**GPRA: Controlled BP**

#### LDL Assessment

**GPRA: LDL Assessed**

\*LDL <= 100

#### Nephropathy Assessment

**GPRA: Estimated GFR & Quantitative**

**GPRA: Urinary Protein or History of ESRD**

#### Retinopathy Assessment

**GPRA: Retinopathy Evaluation or Refusal**

\*Refusal of Retinopathy Evaluation

*\*\*GPR Developmental: Retinopathy Evaluation (no refusals)*

## **DENTAL GROUP**

### Access to Dental

#### **GPR: Annual Dental Visit or Refusal**

\*Refusal of Dental Exam

*\*\*GPR Developmental: Annual Dental Visit (no refusals)*

### Dental Sealants

#### **GPR: Dental Sealants or Refusal (count; not rate)**

\*Refusal of Dental Sealant

*\*\*GPR Developmental: Dental Sealant (no refusals)*

### Topical Fluoride

#### **GPR: Topical Fluoride Application or Refusal (count; not rate)**

\*Refusal of Topical Fluoride Application

*\*\*GPR Developmental: Topical Fluoride Application (no refusals)*

## **IMMUNIZATIONS**

### Adult Immunizations (65+): Influenza

#### **GPR: Influenza Immunization or Refusal**

\*Refusal of Influenza Immunization

*\*\*GPR Developmental: Influenza Immunization (no refusals)*

### Adult Immunizations (65+): Pneumovax

#### **GPR: Pneumovax Ever or Refusal**

\*Refusal of Pneumovax Immunization

*\*\*GPR Developmental: Pneumovax Ever (no refusals)*

### Childhood Immunizations (19–35 months)

\*Active Clinical Pts w/4:3:1:3:3

#### **GPR: Active IMM Pts w/4:3:1:3:3 or Refusal**

\*Active IMM Refusal of 4:3:1:3:3

*\*\*GPR Developmental: Active IMM 4:3:1:3:3 (no refusals)*

*\*\*GPR Developmental: Active IMM Pts w/4:3:1:3:3:1 or Refusal*

\*Active IMM Refusal of 4:3:1:3:3:1

*\*\*GPR Developmental: Active IMM Pts w/4:3:1:3:3:1 (no refusals)*

*\*\*GPR Developmental: Active IMM Pts w/4:3:1:3:3:1:4 or Refusal*

\*Active IMM Refusal of 4:3:1:3:3:1:4

*\*\*GPR Developmental: Active IMM Pts w/4:3:1:3:3:1:4 (no refusals)*

\*4 DTaP

\*3 Polio

\*1 MMR

\*3 HiB

\*3 Hepatitis B

\*1 Varicella

\*4 Pneumococcal`

**CANCER SCREENING**Pap Smear Rates**GPRA: Pap Smear or Refusal**

\*Refusal of Pap Smear

*\*\*GPRA Developmental: Pap Smear (no refusals)*Mammogram Rates**GPRA: Mammogram or Refusal**

\*Refusal of Mammogram

*\*\*GPRA Developmental: Mammogram (no refusals)*Colorectal Cancer Screening**GPRA: Fecal Occult Blood Test during Report Period, Flexible Sigmoidoscopy or DCBE in past 5 years, or Colonoscopy in past 10 years, or Refusal**

\*Refusal of Colorectal Cancer Screening

*\*\*GPRA Developmental: Fecal Occult Blood Test during Report Period, Flexible Sigmoidoscopy or DCBE in past 5 years, or Colonoscopy in past 10 years (no refusals)*

\*Fecal Occult Blood Test

Tobacco Use and Exposure Assessment

\*Tobacco Assessment

\*Tobacco Users

\*Smokers

\*Smokeless Users

\*Exposed to Environmental Tobacco Smoke (ETS)

Tobacco Cessation**GPRA: Tobacco Cessation Counseling or Refusal or Smoking Cessation Aid**

\*Refusal of Tobacco Cessation Counseling

*\*\*GPRA Developmental: Tobacco Cessation Counseling or Smoking Cessation Aid (no refusals)*

\*Quit Tobacco Use

*\*Tobacco Cessation Counseling or Refusal, Smoking Cessation Aid, or Quit Tobacco Use***BEHAVIORAL HEALTH**Alcohol Screening (FAS Prevention)**GPRA: Alcohol Screening or Refusal**

\*Refusal of Alcohol Screening

*\*\*GPRA Developmental: Alcohol Screening (no refusals)*Intimate Partner Violence/Domestic Violence Screening**GPRA: Intimate Partner Violence/Domestic Violence Screening or Refusal**

\*Refusal of Intimate Partner Violence/Domestic Violence Screening

*\*\*GPRA Developmental: Intimate Partner Violence/Domestic Violence Screening (no refusals)*

Depression Screening

**GPRA: Depression Screening or Refusal or Mood Disorder Diagnosis**

\*Depression Screening

\*Mood Disorder Diagnosis

\*Refusal of Depression Screening

*\*\*GPRA Developmental: Depression Screening or Mood Disorder Diagnosis (no refusals)*

**CARDIOVASCULAR DISEASE-RELATED**

Obesity Assessment

\*Obesity Assessment

\*Assessed as Overweight

\*Assessed as Obese

\*Assessed as Overweight or Obese

Childhood Weight Control (Children 2-5)

*\*BMI 95% and Up (changed from annual to long-term GPRA measure)*

\*BMI 85-94%

\*BMI  $\geq$  85%

Comprehensive CVD-Related Assessment

**GPRA: BP, LDL, and Tobacco Assessed, BMI or Refusal, and Lifestyle Counseling**

*\*With Refusal of BMI*

*\*\*GPRA Developmental: BP, LDL, and Tobacco Assessed, BMI (no BMI refusals), and Lifestyle Counseling*

*\*With BMI (no refusals)*

\*Depression Screen

**STD GROUP**

HIV Screening

**GPRA: Prenatal HIV Screening or Refusal**

\*Refusal of HIV Screening

*\*\*GPRA Developmental: Prenatal HIV Screening (no refusals)*

**OTHER CLINICAL**

Breastfeeding Rates

Patients 45-394 days of age screened for infant feeding choice (IFC) at least once.

Patients 45-394 days of age screened for IFC at the age of two months.

Patients 45-394 days of age screened for IFC at the age of six months.

Patients 45-394 days of age screened for IFC at the age of nine months.

Patients 45-394 days of age screened for IFC at the age of one year.

*\*\*\*PART: 45-394 days of age who were exclusively or mostly breastfed at two months of age*

Patients 45-394 days of age who were exclusively or mostly breastfed at six months of age.

Patients 45-394 days of age who were exclusively or mostly breastfed at nine months of age.

Patients 45-394 days of age who were exclusively or mostly breastfed at the age of one year.

Definitions for all performance measure topics included in CRS begin on Page 8. Definitions for numerators and denominators preceded by “GPRA” represent measures that are reported to OMB and Congress. Definitions for numerators and denominators preceded by “PART” are reported for the OMB PART.

## 1.1 CRS Denominator Definitions

### 1.1.1 For All Denominators

- All patients with name “DEMO,PATIENT” will be excluded automatically for all denominators.
- For all measures, except as noted, patient age is calculated as of the beginning of the report period.

### 1.1.2 Active Clinical Population for National GPRA & PART Reporting

- Must have two visits to medical clinics in the past three years. Chart reviews and telephone calls from these clinics do not count; the visits must be face-to-face. At least one visit must be to a core medical clinic. Refer to the *Clinical Reporting System (CRS) for FY2009 Clinical Measures User Manual* for listing of these clinics.
- Must be alive on the last day of the report period.
- Must be American Indian/Alaska Native (AI/AN) — defined as Beneficiary 01.
- Must reside in a community specified in the site’s GPRA community taxonomy, defined as all communities of residence in the defined Contract Health Service (CHS) catchment area.

### 1.1.3 Active Clinical Population for Local Reports

- Must have two visits to medical clinics in the past three years. Chart reviews and telephone calls from these clinics do not count; the visits must be face-to-face. At least one visit must be to a core medical clinic. Refer to the *Clinical Reporting System (CRS) for FY2009 Clinical Measures User* for listing of these clinics.

- Must be alive on the last day of the report period.
- User defines population type: AI/AN patients only, non-AI/AN, or both.
- User defines general population: single community, group of multiple communities (community taxonomy), user-defined list of patients (patient panel), or all patients regardless of community of residence.

#### **1.1.4 User Population for National GPRA & PART Reporting**

- Must have been seen at least once in the three years prior to the end of the time period, regardless of the clinic type, and the visit must be either ambulatory (including day surgery or observation) or a hospitalization; the rest of the service categories are excluded.
- Must be alive on the last day of the report period.
- Must be AI/AN — defined as Beneficiary 01.
- Must reside in a community specified in the site's GPRA community taxonomy, defined as all communities of residence in the defined CHS catchment area.

#### **1.1.5 User Population for Local Reports**

- Must have been seen at least once in the three years prior to the end of the time period, regardless of the clinic type, and the visit must be either ambulatory (including day surgery or observation) or a hospitalization; the rest of the service categories are excluded.
- Must be alive on the last day of the report period.
- User defines population type: AI/AN patients only, non-AI/AN, or both.
- User defines general population: single community, group of multiple communities (community taxonomy), user-defined list of patients (patient panel), or all patients regardless of community of residence.

#### **1.1.6 Active Clinical CHS Population for National GPRA & PART Reporting (CHS-only sites)**

- Must have two CHS visits in the three years prior to the end of the report period, and the visits must be either ambulatory (including day surgery or observation) or a hospitalization; the rest of the service categories are excluded.
- Must be alive on the last day of the report period.
- Must be AI/AN — defined as Beneficiary 01. This data item is entered and updated during the Patient Registration process.

- Must reside in a community included in the site’s “official” GPRA community taxonomy, defined as all communities of residence in the CHS catchment area specified in the community taxonomy specified by the user.

### **1.1.7 Active Clinical CHS Population for Local Reports (CHS-only sites)**

- Must have two CHS visits in the three years prior to the end of the report period, and the visits must be either ambulatory (including day surgery or observation) or a hospitalization; the rest of the service categories are excluded.
- Must be alive on the last day of the report period.
- User defines population type: AI/AN patients only, non-AI/AN, or both.
- User defines general population: single community, group of multiple communities (community taxonomy), user-defined list of patients (patient panel), or all patients regardless of community of residence.

## 2.0 CRS National GPRA & PART Report Performance Measure Topics and Definitions

The following sections define the performance measure topics and their definitions that are included in the CRS 2009 version 9.0 National GPRA & PART Report.

**Note:** *Bold italic* font indicates new or edited definitions.

Year 2009 targets reflect preliminary targets that were established based on the House Subcommittee markup as a placeholder. Official targets will not be released until final targets are established.

### 2.1 Diabetes Group

#### 2.1.1 Diabetes Prevalence

**No changes from version 8.0 Patch 3.**

**Owner/Contact**

Diabetes Program/Dr. Marie Russell

**National Reporting**

NATIONAL (included in IHS Performance Report; *not* reported to OMB and Congress)

**Denominator**

User Population patients

**Numerator**

- 1) Anyone diagnosed with diabetes (POV 250.00-250.93) ever.
- 2) Anyone diagnosed with diabetes during the Report Period.

**Definition**

- 1) **Diabetes:** At least one diagnosis 250.00-250.93 recorded in the V POV file.

**Patient List**

Diabetic patients with most recent diagnosis.

## 2.1.2 Diabetes: Glycemic Control

### *Changes from Version 8.0 Patch 3, as noted*

#### Owner/Contact

Diabetes Program/Dr. Marie Russell

#### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

#### Denominator

**GPRA:** Active Diabetic patients; defined as all Active Clinical patients diagnosed with diabetes (POV 250.00-250.93) prior to the report period, *and* at least two visits in the past year, *and* two DM-related visits ever. Key denominator for this and all diabetes-related topics below.

#### Numerators

- 1) Hemoglobin A1c documented during the report period.
- 2) **GPRA:** Poor control: A1c greater than (>) 9.5.
- 3) **GPRA:** Ideal control: A1c less than (<) 7.

#### Definition

- 1) **A1c:** Searches for most recent A1c test with a result during the report period. If more than one A1c test is found on the same day and/or the same visit and one test has a result and the other does not, the test with the result will be used. If an A1c test with a result is not found, CRS searches for the most recent A1c test without a result. A1c defined as any of the following: CPT 83036, 83037, 3044F-3047F; LOINC taxonomy or site-populated taxonomy DM AUDIT HGB A1C TAX.

CPT 3044F represents A1c < 7 and will be included in the Ideal Control numerator.

#### GPRA 2009 Target

**Poor Glycemic Control:** During FY 2009, achieve the target rate of 18% for the proportion of patients with diagnosed diabetes who have poor glycemic control (defined as A1c > 9.5).

**Ideal Glycemic Control:** During FY 2009, achieve the target rate of 30% for the proportion of patients with diagnosed diabetes who have ideal glycemic control (defined as A1c < 7).

#### Patient List Options

List of diabetic patients with a documented Alc.

List of diabetic patients without a documented Alc.

List of diabetic patients with poor glycemic control (Alc greater than (>) 9.5).

List of diabetic patients with ideal glycemic control (A1c less than (<) 7).

## 2.1.3 Diabetes: Blood Pressure Control

### No changes from version 8.0 Patch 3.

#### Owner/Contact

Diabetes Program/Dr. Marie Russell

#### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

#### Denominator

**GPRA:** Active Diabetic patients; defined as all Active Clinical patients diagnosed with diabetes (POV 250.00-250.93) prior to the Report Period, *and* at least two visits in the past year, *and* two DM-related visits ever. Key denominator for this and all diabetes-related topics below. Key denominator for this and all diabetes-related topics below.

#### Numerators

- 1) Patients with Blood Pressure documented during the Report Period.
- 2) **GPRA:** Controlled BP, < 130/80.

#### Definitions

- 1) **BP Documented:** CRS uses mean of last three Blood Pressures (BPs) documented on non-ER visits during the report period. If three BPs are not available, uses mean of last two non-ER BPs. If a visit contains more than one BP, the lowest BP will be used. The mean Systolic value is calculated by adding the last 3 (or 2) systolic values and dividing by 3 (or 2). The mean Diastolic value is calculated by adding the diastolic values from the last 3 (or 2) blood pressures and dividing by 3 (or 2). If the systolic and diastolic values do not *both* meet the criteria for controlled, then the value is considered not controlled.
- 2) **Controlled BP:** CRS uses a mean, as described above where BP is <130/80. If the mean systolic and diastolic values do not *both* meet the criteria for controlled, then the value is considered not controlled.

If CRS is not able to calculate a mean BP, it will search for the most recent of any of the following CPT codes documented on non-ER visits during the report period: 3074F, 3075F, 3077F, 3078F, 3079F, and 3080F. The systolic and diastolic values do NOT have to be recorded on the same day. If there are multiple values on the same day, the CPT indicating the lowest value will be used. The following combination represents BP <130/80 and will be included in the numerator: CPT 3074F AND 3078F. All other combinations will not be included in the Controlled BP numerator.

**GPRA 2009 Target**

During FY 2009, achieve the target rate of 36% for the proportion of patients with diagnosed diabetes who have achieved BP control (defined as <130/80).

**Patient List Options**

List of diabetic patients who had their BP assessed.

List of diabetic patients who did *not* have their BP assessed.

List of diabetic patients with controlled BP, defined as <130/80.

List of diabetic patients with uncontrolled BP, defined as >130/80.

## 2.1.4 Diabetes: LDL Assessment

### *Changes from version 8.0 Patch 3, as noted.*

#### Owner/Contact

Diabetes Program/Dr. Marie Russell

#### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

#### Denominator

**GPRA:** Active Diabetic patients; defined as all Active Clinical patients diagnosed with diabetes (POV 250.00-250.93) prior to the Report Period, *and* at least two visits in the past year, *and* two DM-related visits ever. Key denominator for this and all diabetes-related topics below. Key denominator for this and all diabetes-related topics below.

#### Numerators

- 1) **GPRA:** Patients with LDL completed during the report period, regardless of result.
- 2) LDL  $\leq$  100

#### Definitions

- 1) **LDL:** Searches for most recent LDL test with a result during the report period. If more than one LDL test is found on the same day and/or the same visit and one test has a result and the other does not, the test with the result will be used. If an LDL test with a result is not found, CRS searches for the most recent LDL test without a result. LDL test defined as any of the following: CPT 80061, 83700, 83701, 83704, 83715 (old code), 83716 (old code), 83721, 3048F, 3049F, 3050F; LOINC taxonomy; site-populated taxonomy DM AUDIT LDL CHOLESTEROL TAX. For numerator LDL  $\leq$ 100, CPT 3048F will count as meeting the measure.

#### GPRA 2009 Target

During FY 2009, achieve the target rate of 60% for the proportion of patients with diagnosed diabetes who are assessed for dyslipidemia (LDL cholesterol).

#### Patient List Options

List of diabetic patients with LDL completed, regardless of result.

List of diabetic patients without LDL completed.

## 2.1.5 Diabetes: Nephropathy Assessment

***Changes from version 8.0 Patch 3, as noted.***

### Owner/Contact

Diabetes Program/Dr. Marie Russell

### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

### Denominator

**GPRA:** Active Diabetic patients; defined as all Active Clinical patients diagnosed with diabetes (POV 250.00-250.93) prior to the report period, *and* at least two visits in the past year, *and* two DM-related visits ever. Key denominator for this and all diabetes-related topics below. Key denominator for this and all diabetes-related topics below.

### Numerator

**GPRA:** Patients with nephropathy assessment, defined as an estimated GFR *and* a quantitative urinary protein assessment during the report period *or* with evidence of diagnosis and/or treatment of ESRD at any time before the end of the report period.

### Definitions

- 1) **Estimated GFR:** Site-populated taxonomy BGP GPRA ESTIMATED GFR TAX or LOINC taxonomy.
- 2) **Quantitative Urine Protein Assessment:** CPT 82042, 82043, or 84156; LOINC taxonomy (*added codes 53121-0, 53530-2, 53531-0, and 53532-8*); or site-populated taxonomy BGP QUANT URINE PROTEIN.

**Note:** Be sure and check with your laboratory supervisor that the names you add to your taxonomy reflect quantitative test values.

- 3) **End Stage Renal Disease:**
  - A) ANY diagnosis ever of 585.5, 585.6, V42.0, V45.1 (*old code*), **V45.11**, **V45.12**, or V56\*,
  - B) ANY CPT in the range of 36145, 36800, 36810, 36815, 36818, 36819, 36820, 36821, 36831-36833, 50300, 50320, 50340, 50360, 50365, 50370, 50380, **90951-90970 or old codes** 90918-90925, 90935, 90937, 90939 (*old code*), 90940, 90945, 90947, 90989, 90993, 90997, 90999, 99512, G0257, G0308-G0327, **G0392, G0393**, or S9339, or
  - C) V Procedure 38.95, 39.27, 39.42, 39.43, 39.53, 39.93-39.95, 54.98, or 55.6\*.

**GPRA 2009 Target**

During FY 2009, achieve the target rate of 47% for the proportion of patients with diagnosed diabetes who are assessed for nephropathy.

**Patient List Options**

List of diabetic patients with nephropathy assessment.

List of diabetic patients without nephropathy assessment.

## 2.1.6 Diabetic Retinopathy

### *Changes from version 8.0 Patch 3, as noted.*

#### Owner/Contact

Diabetes Program/Dr. Mark Horton

#### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

#### Denominator

**GPRA:** Active Diabetic patients; defined as all Active Clinical patients diagnosed with diabetes (POV 250.00-250.93) prior to the report period, *and* at least two visits in the past year, *and* two DM-related visits ever. Key denominator for this and all diabetes-related topics below. Key denominator for this and all diabetes-related topics below.

#### Numerators

- 1) **GPRA:** Patients receiving a qualified retinal evaluation\* during the report period, or a documented refusal of a diabetic retinal exam.
  - A) Patients who refused a diabetic retinal exam during the report period.
- 2) **GPRA Developmental:** *Patients receiving a qualified retinal evaluation during the report period.*

<b>Note:</b> This numerator does <i>not</i> include refusals.
---

#### Definitions

- 1) **Qualified Retinal Evaluation\*:** A) Diabetic retinal exam or documented refusal or B) other eye exam.
  - A) **Diabetic Retinal Exam:** Any of the following during the report period:
    - (1) Exam Code 03 Diabetic Eye Exam (dilated retinal examination *or validated photographic equivalent*) or refusal of Exam 03;
    - (2) CPT 2022F Dilated retinal eye exam; 2024F Seven standard field stereoscopic photos with interpretation by an ophthalmologist or optometrist; 2026F Eye imaging validated to match the diagnosis from seven standard field stereoscopic photos; S0620 Routine ophthalmological examination including refraction; new patient; S0621 Routine ophthalmological examination including refraction; established patient; S3000 Diabetic indicator; retinal eye exam, dilated, bilateral.

**B) Other Eye Exam:**

(1) Non-DNKA (did not keep appointment) visits to ophthalmology, optometry, or validated teleophthalmology retinal evaluation clinics (e.g. JVN, Inoveon, EyeTel, etc.)

(2) non-DNKA visits to an optometrist or ophthalmologist.

Searches for any of the following codes in the following order: Clinic Codes A2, 17, 18, 64; Provider Code 24, 79, 08; CPT 67028, 67038, 67039, 67040, 92002, 92004, 92012, 92014; POV V72.0; Procedure 95.02.details

\*Qualifying Retinal Evaluation: The following methods are qualifying for this measure:

- Dilated retinal evaluation by an optometrist or ophthalmologist.
- Seven standard fields stereoscopic photos (ETDRS) evaluated by an optometrist or Ophthalmologist.
- Any photographic method formally validated to ETDRS, e.g. JVN, Inoveon, EyeTel, etc.

**GPRA 2009 Target**

During FY 2009, achieve the target rate of 47% for the proportion of patients with diagnosed diabetes who receive an annual retinal examination.

**Patient List Options**

List of diabetic patients who received any retinal screening or documented refusal of a diabetic eye exam.

List of diabetic patients who did not receive any retinal screening or documented refusal of a diabetic eye exam.

## 2.2 Dental Group

### 2.2.1 Access to Dental Services

***Changes from version 8.0 Patch 3, as noted.***

#### Owner/Contact

Dental Program/ Dr. Patrick Blahut

#### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

#### Denominator

**GPRA:** User Population patients, broken down by age groups: 0–5, 6–11, 12–19, 20–34, 35–44, 45–54, 55–74, 75 and older.

#### Numerators

- 1) **GPRA:** Patients with a documented dental visit during the report period, including refusals.
  - A) Patients with documented refusal during the report period.
- 2) ***GPRA Developmental: Patients with documented dental visit during the report period.***

<b>Note:</b> This numerator does <i>not</i> include refusals.
---

#### Definitions

- 1) **Dental Visit:** For non-CHS visits, searches for V Dental ADA Code 0000 or 0190; Exam Code 30; or POV V72.2. For CHS visits, searches for any visit with an ADA code. CHS visit defined as Type code of C in Visit file.
- 2) **Refusal of Dental Exam:** For non-CHS visits, searches for refusal of Exam Code 30 or ADA code 0000 or 0190.

#### GPRA 2009 Target

During FY 2009, achieve the target rate of 24% for the proportion of patients who receive dental services.

#### Patient List Options

List of patients with documented dental visit or refusal.

List of patients without documented dental visit or refusal.

## 2.2.2 Dental Sealants

### *Changes from version 8.0 Patch 3, as noted.*

**Owner/Contact**

Dental Program/Dr. Patrick Blahut

**National Reporting**

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

**Denominator**

None

**Numerators**

- 1) **GPRA:** Count only (no percentage comparison to denominator). For patients meeting the User Population definition, the total number of dental sealants and refusals during the Report Period. Age breakouts (HP 2010): <12; 12-18; >18.
  - A) Number of documented refusals.
- 2) **GPRA Developmental:** *For patients meeting the User Population definition, the total number of dental sealants during the Report Period.*

<b>Note:</b> This numerator does <i>not</i> include refusals.
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**Definitions**

- 1) **Dental Sealant:** ADA code 1351. Only two sealants per tooth will be counted during the report period. Each tooth is identified by the data element Operative Site in RPMS.
- 2) **Refusal of Dental Sealant:** Refusal of ADA code 1351. Refusals are only counted if a patient did not have a sealant during the report period. If a patient had both a sealant and a refusal, only the sealant will be counted. If a patient has multiple refusals, only one refusal will be counted.

**GPRA 2009 Target**

During FY 2009, achieve the target count of 229,147 sealants placed per year in AI/AN patients.

**Patient List**

Patients who received or refused dental sealants during report period.

## 2.2.3 Topical Fluoride

### *Changes from version 8.0 Patch 3, as noted.*

#### Owner/Contact

Dental Program/Dr. Patrick Blahut

#### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

#### Denominator

None

#### Numerators

- 1) **GPRA:** Count only (no percentage comparison to denominator). For patients meeting the User Population definition, the total number of patients with at least one topical fluoride treatment or refusal during the Report Period.
  - A) Patients with documented refusal in past year.
- 2) **GPRA Developmental:** *For patients meeting the User Population definition, the total number of patients with at least one topical fluoride treatment during the Report Period. NOTE: This numerator does NOT include refusals.*
- 3) Count only (no percentage comparison to denominator). For patients meeting the User Population definition, the total number of appropriate topical fluoride applications and refusals based on a maximum of four per patient per year.
  - A) Number of documented refusals during past year.

#### Definitions

- 1) **Topical Fluoride Application:** V Dental ADA codes 1201 (old code), 1203, 1204, 1205 (old code), or 1206; or V POV V07.31. A maximum of one application per patient per visit is allowed. A maximum of four topical fluoride applications are allowed per patient per year for the applications measure.
- 2) **Refusal of Topical Fluoride Application:** Refusal of ADA code 1201 (old code), 1203, 1204, 1205 (old code), or 1206. Refusals are only counted if a patient did not have a topical fluoride application during the report period. If a patient had both an application and a refusal, only the application will be counted. If a patient has multiple refusals, only one refusal will be counted.

#### GPRA 2009 Target

During FY 2009, achieve the target count of 114,716 AI/AN patients who receive at least one topical fluoride application.

#### Patient List

Patients who received or refused at least one topical fluoride application during report period.

## 2.3 Immunization Group

### 2.3.1 Adult Immunizations: Influenza

***Changes from version 8.0 Patch 3, as noted.***

#### Owner/Contact

Epidemiology Program/Amy Groom, MPH

#### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

#### Denominator

- 1) **GPRA:** Ages 65 and older.

#### Numerators

- 1) **GPRA:** Patients with influenza vaccine or refusal documented during the report period or with a contraindication documented at any time before the end of the report period.
  - A) Patients with documented refusal.
  - B) Patients with a contraindication or a documented NMI (not medically indicated) refusal.
- 2) ***GPRA Developmental: Patients with influenza vaccine documented during the report period or with a contraindication documented at any time before the end of the report period.***

<b>Note:</b> This numerator does <i>not</i> include refusals.
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#### Definitions

- 1) **Influenza Vaccine:** Any of the following during the report period:
  - A) Immunization/CVX codes 15, 16, 88, or 111;
  - B) POV V04.8 (old code), V04.81, V06.6;
  - C) CPT 90655-90662, 90724 (old code), G0008, G8108;
  - D) ICD Procedure 99.52.
- 2) **Contraindication to Influenza Vaccine:** Any of the following documented at any time before the end of the report period:
  - A) Contraindication in the Immunization Package of “Egg Allergy” or “Anaphylaxis,” or
  - B) PCC NMI Refusal.

**3) Refusal of Influenza Vaccine:**

- A) Refusal of immunization/CVX codes 15, 16, 88, or 111 as documented in PCC Refusal File (i.e. REF), or
- B) in the Immunization Package as contraindication of "Patient Refusal."

**GPRA 2009 Target**

During FY 2009, maintain at the FY 2008 rate of 62% for the proportion of noninstitutionalized adults aged 65 years and older who receive an influenza immunization.

**Patient List Options**

List of patients  $\geq 65$  years who received or refused an Influenza immunization.

List of patients  $\geq 65$  years who did not receive or refuse an Influenza immunization.

## 2.3.2 Adult Immunizations: Pneumovax

### *Changes from version 8.0 Patch 3, as noted.*

#### Owner/Contact

Epidemiology Program/Amy Groom, MPH

#### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

#### Denominator

- 1) **GPRA:** Active Clinical patients ages 65 or older.

#### Numerators

- 1) **GPRA:** Patients with Pneumococcal vaccine or contraindication documented at any time before the end of the Report Period or with a refusal in the past year.
  - A) Documented patient refusals (REF) or NMI.
  - B) Contraindication or a documented NMI refusal.
- 2) ***GPRA Developmental: Patients with Pneumococcal vaccine or contraindication documented at any time before the end of the report period.***

**Note:** This numerator does *not* include refusals.

#### Definitions

- 1) **Pneumovax Vaccine:**
  - A) Immunization/CVX codes 33, 100, 109;
  - B) POV V06.6, V03.82;
  - C) ICD Procedure 99.55;
  - D) CPT 90732, 90669, G0009, G8115.
- 2) **Contraindication to Pneumovax Vaccine:**
  - A) Contraindication in the Immunization Package of “Anaphylaxis,” or
  - B) PCC NMI Refusal.
- 3) **Refusal of Pneumovax Vaccine:**
  - A) Immunization codes 33, 100, or 109, as documented in PCC Refusal File (i.e., REF) or
  - B) Immunization Package contraindication of “Patient Refusal.”

#### GPRA 2009 Target

During FY 2009, maintain at the FY 2008 rate of 82% for the proportion of adult patients age 65 years and older who receive a pneumococcal immunization.

**Patient List Options**

List of patients =>65 years with pneumovax immunization, contraindication, or refusal.

List of patients =>65 years without pneumovax immunization, contraindication, or refusal.

### 2.3.3 Childhood Immunizations

***Changes from version 8.0 Patch 3, as noted.***

#### Owner/Contact

Epidemiology Program/Amy Groom, MPH

#### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

#### Denominators

- 1) Active Clinical patients ages 19–35 months at end of report period.
- 2) **GPRA:** User Population patients active in the Immunization Package who are 19–35 months at end of report period.

**Note:** Sites must be running the RPMS Immunization package for this denominator. Sites not running the package will have a value of zero for this denominator.

#### Numerators

- 1) **GPRA:** Patients who have received the 4:3:1:3:3 combination (i.e., 4 DTaP, 3 Polio, 1 MMR, 3 HiB, 3 Hepatitis B), including refusals, contraindications, and evidence of disease.
  - A) *Patients with documented REF refusal in PCC or Parent or Patient refusal in the IZ program.<sup>i</sup>*
- 2) **GPRA Developmental:** *Patients who have received the 4:3:1:3:3 combination (i.e. 4 DTaP, 3 Polio, 1 MMR, 3 HiB, 3 Hepatitis B), including contraindications and evidence of disease.<sup>ii</sup>*

**Note:** This numerator does NOT include refusals.

- 3) **GPRA Developmental:** *Patients who have received the 4:3:1:3:3:1 combination (i.e. 4 DTaP, 3 Polio, 1 MMR, 3 HiB, 3 Hepatitis B, 1 Varicella), including refusals, contraindications, and evidence of disease.<sup>iii</sup>*
  - A) *Patients with documented REF refusal in PCC or Parent or Patient refusal in the IZ program.*

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<sup>i</sup> Included with GPRA denominator only.

<sup>ii</sup> Ibid

<sup>iii</sup> Ibid

- 4) ***GPRA Developmental: Patients who have received the 4:3:1:3:3:1 combination (i.e. 4 DTaP, 3 Polio, 1 MMR, 3 HiB, 3 Hepatitis B, 1 Varicella), including contraindications and evidence of disease.<sup>iv</sup>***

**Note:** This numerator does *not* include refusals.

- 5) ***GPRA Developmental: Patients who have received the 4:3:1:3:3:1:4 combination (i.e. 4 DTaP, 3 Polio, 1 MMR, 3 HiB, 3 Hepatitis B, 1 Varicella, and 4 Pneumococcal), including refusals, contraindications, and evidence of disease.<sup>v</sup>***

***A) Patients with documented REF refusal in PCC or Parent or Patient refusal in the IZ program.***

- 6) ***GPRA Developmental: Patients who have received the 4:3:1:3:3:1:4 combination (i.e. 4 DTaP, 3 Polio, 1 MMR, 3 HiB, 3 Hepatitis B, 1 Varicella, and 4 Pneumococcal), including contraindications and evidence of disease.<sup>vi</sup>***

**Note:** This numerator does NOT include refusals.

- 7) Patients with four doses of DTaP, or who have a contraindication or a documented refusal (***removed evidence of disease***).
- 8) Patients with three doses of Polio, or who have evidence of the disease, a contraindication, or a documented refusal.
- 9) Patients with one dose of MMR, or who have evidence of the disease, a contraindication, or a documented refusal.
- 10) Patients with three doses of HiB, or who have a contraindication or a documented refusal (***removed evidence of disease***).
- 11) Patients with three doses of Hepatitis B, or who have evidence of the disease, a contraindication, or a documented refusal.
- 12) ***Patients who have received one dose of Varicella ever, including refusals, contraindications, and evidence of disease.<sup>vii</sup>***
- 13) ***Patients who have received four doses of Pneumococcal conjugate vaccine ever, including refusals, contraindications, and evidence of disease.<sup>viii</sup>***

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<sup>iv</sup> Included with GPRA denominator only.

<sup>v</sup> Ibid

<sup>vi</sup> Ibid

<sup>vii</sup> Ibid

<sup>viii</sup> Ibid

**Definitions**

- 1) **Patient Age:** Since the age of the patient is calculated at the beginning of the report period, the age range will be adjusted to 7–23 months at the beginning of the report period, which makes the patient between the ages of 19–35 months at the end of the report period.
- 2) **Timing of Doses:** Because IZ data comes from multiple sources, any IZ codes documented on dates within 10 days of each other will be considered as the same immunization.
- 3) **Active Immunization Package Patients Denominator:** Same as User Population definition *except* includes only patients flagged as active in the Immunization Package.

**Note:** Only values for the Current Period will be reported for this denominator since currently there is not a way to determine if a patient was active in the Immunization Package during the previous year or baseline periods.

- 4) **Dosage and Types of Immunizations:**
  - A) **4 Doses of DTaP:**
    - 1) 4 DTaP/DTP/Tdap;
    - 2) 1 DTaP/DTP/Tdap and 3 DT/Td;
    - 3) 1 DTaP/DTP/Tdap and 3 each of Diphtheria and Tetanus;
    - 4) 4 DT and 4 *Acellular* Pertussis;
    - 5) 4 Td and 4 *Acellular* Pertussis; or
    - 6) 4 each of Diphtheria, Tetanus, and *Acellular* Pertussis.
  - B) **3 Doses of Polio:**
    - 1) 3 OPV;
    - 2) 3 IPV; or
    - 3) combination of OPV & IPV totaling 3 doses.
  - C) **1 Dose of MMR:**
    - 1) MMR;
    - 2) 1 M/R and 1 Mumps;
    - 3) 1 R/M and 1 Measles; or
    - 4) 1 each of Measles, Mumps, and Rubella.
  - D) 3 doses of Hep B OR 2 doses IF documented with CPT 90743.
  - E) 3 doses of HIB
  - F) *1 dose of Varicella*
  - G) *4 doses of Pneumococcal*

- 5) **Refusal, Contraindication, and Evidence of Disease Information:** Refusals, evidence of disease, and contraindications for individual immunizations will also count toward meeting the definition, as defined below.
- A) Each immunization must be refused and documented separately. For example, if a patient refused Rubella only, then there must be an immunization, contraindication, or separate refusal for the Measles and Mumps immunizations.
  - B) For immunizations where required number of doses is >1, only one refusal is necessary to be counted in the numerator. For example, if there is a single refusal for Hepatitis B, the patient will be included in the numerator.
  - C) For immunizations where required number of doses is >1, only one contraindication is necessary to be counted in the numerator. For example, if there is a single contraindication for HiB, the patient will be included in the numerator.
  - D) Evidence of disease will be checked for at any time in the child's life (prior to the end of the report period.).
- 6) **Refusal Definitions:** Parent/Patient Refusal in Immunization package or PCC Refusal type REF or NMI for IZ codes: **DTaP:** 20, 50, 106, 107, 110, 120, **130**; **DTP:** 1, 22, 102; **Tdap:** 115; **DT:** 28; **Td:** 9, 113; **Tetanus:** 35, 112; **Acellular Pertussis:** 11; **OPV:** 2, 89; **IPV:** 10, 89, 110, 120; **MMR:** 3, 94; **M/R:** 4; **R/M:** 38; **Measles:** 5; **Mumps:** 7; **Rubella:** 6; **HiB:** 17, 22, 46-49; 50, 51, 102, 120; **Hepatitis B:** 8, 42-45, 51, 102, 104, 110; **Varicella:** 21, 94; **Pneumococcal:** 33, 100, 109.
- 7) **Immunization Definitions:**
- A) **DTaP:**
    - 1) Immunization (CVX) codes: 20, 50, 106, 107, 110, 120, **130**;
    - 2) POV V06.1;
    - 3) CPT: 90696, 90698, 90700, 90721, 90723.

DTaP contraindication definition: 1) Immunization Package contraindication of "Anaphylaxis."
  - B) **DTP:**
    - 1) Immunization (CVX) codes: 1, 22, 102;
    - 2) POV: V06.1, V06.2, V06.3;
    - 3) CPT: 90701, 90711 (old code), 90720;
    - 4) Procedure 99.39.

DTP contraindication definition: 1) Immunization Package contraindication of "Anaphylaxis."
  - C) **Tdap:**

- 1) Immunization (CVX) code: 115;
- 2) CPT 90715.

Tdap contraindication definition: 1) Immunization Package contraindication of “Anaphylaxis.”

**D) DT:**

- 1) Immunization (CVX) code 28;
- 2) POV V06.5; 3) CPT 90702.

DT contraindication definition: 1) Immunization Package contraindication of “Anaphylaxis.”

**E) Td:**

- 1) Immunization (CVX) code 9, 113;
- 2) POV V06.5; 3) CPT 90714, 90718.

Td contraindication definition: 1) Immunization Package contraindication of “Anaphylaxis.”

**F) Diphtheria:**

- 1) POV V03.5;
- 2) CPT 90719;
- 3) Procedure 99.36.

~~***Diphtheria evidence of disease definitions: POV or PCC Problem List (active or inactive) V02.4, 032\*.***~~

Diphtheria contraindication definition: 1) Immunization Package contraindication of “Anaphylaxis.”

**G) Tetanus:**

- 1) Immunization (CVX) codes: 35, 112;
- 2) POV V03.7,
- 3) CPT 90703;
- 4) Procedure 99.38.

~~***Tetanus evidence of disease definition: POV or PCC Problem List (active or inactive) 037\*.***~~

Tetanus contraindication definition: 1) Immunization Package contraindication of “Anaphylaxis.”

**H) Acellular Pertussis:**

- 1) Immunization (CVX) code 11;
- 2) POV V03.6;
- 3) Procedure 99.37 (*old code*).

***Pertussis evidence of disease definition: POV or PCC Problem List (active or inactive) 033\*.***

***Acellular Pertussis contraindication definition: 1) Immunization Package contraindication of “Anaphylaxis.”***

**I) OPV:**

- 1) Immunization (CVX) codes: 2, 89;
- 2) CPT 90712.

***OPV contraindication definition: POV: 279, V08, 042, 200-202, 203.0, 203.1, 203.8, 204-208; or Immunization Package contraindication of “Anaphylaxis.”***

**J) IPV:**

- 1) Immunization (CVX) codes: 10, 89, 110, 120, **130**;
- 2) POV V04.0, V06.3;
- 3) CPT: 90696, 90698, 90711 (old code), 90713, 90723;
- 4) Procedure 99.41.

***IPV evidence of disease definitions: POV or PCC Problem List (active or inactive): ~~V12.02, 045\*, 138,~~ 730.70-730.79.***

***IPV contraindication definition: 1) Immunization Package contraindication of “Anaphylaxis” or “Neomycin Allergy.”***

**K) MMR:**

- 1) Immunization (CVX) codes: 3, 94;
- 2) POV V06.4;
- 3) CPT: 90707, 90710;
- 4) Procedure 99.48.

***MMR contraindication definitions: POV: 279, V08, 042, 200-202, 203.0, 203.1, 203.8, 204-208; or Immunization Package contraindication of “Anaphylaxis,” “Immune Deficiency,” “Immune Deficient,” or “Neomycin Allergy.”***

**L) M/R:**

- 1) Immunization (CVX) code 4;
- 2) CPT 90708.

***M/R contraindication definition: 1) Immunization Package contraindication of “Anaphylaxis.”***

**M) R/M:**

- 1) Immunization (CVX) code 38;
- 2) CPT 90709 (old code).

R/M contraindication definition: 1) Immunization Package contraindication of “Anaphylaxis.”

**N) Measles:**

- 1) Immunization (CVX) code 5;
- 2) POV V04.2;
- 3) CPT 90705;
- 4) Procedure 99.45.

Measles evidence of disease definition: POV or PCC Problem List (active or inactive) 055\*.

Measles contraindication definition: 1) Immunization Package contraindication of “Anaphylaxis.”

**O) Mumps:**

- 1) Immunization (CVX) code 7;
- 2) POV V04.6;
- 3) CPT 90704;
- 4) Procedure 99.46.

Mumps evidence of disease definition: POV or PCC Problem List (active or inactive) 072\*.

Mumps contraindication definition: 1) Immunization Package contraindication of “Anaphylaxis.”

**P) Rubella:**

- 1) Immunization (CVX) code 6;
- 2) POV V04.3;
- 3) CPT 90706;
- 4) Procedure 99.47.

Rubella evidence of disease definitions: POV or PCC Problem List (active or inactive) 056\*, 771.0.

Rubella contraindication definition: 1) Immunization Package contraindication of “Anaphylaxis.”

**Q) HiB:**

- 1) Immunization (CVX) codes: 17, 22, 46-49, 50, 51, 102, 120;
- 2) POV V03.81;
- 3) CPT: 90645-90648, 90698, 90720-90721, **90737 (old code)**, 90748.

***HiB evidence of disease definitions: POV or PCC Problem List (active or inactive) 038.41, 041.5, 320.0, 482.2.***

HiB contraindication definition: 1) Immunization Package contraindication of "Anaphylaxis."

**R) Hepatitis B:**

- 1) Immunization (CVX) codes: 8, 42-45, 51, 102, 104, 110;
- 2) CPT: 90636, 90723, 90731 (old code), 90740, 90743-90748, G0010, Q3021 (old code), Q3023 (old code).

Hepatitis B evidence of disease definition: POV or PCC Problem List (active or inactive): V02.61, 070.2, 070.3.

Hepatitis B contraindication definition: 1) Immunization Package contraindication of "Anaphylaxis."

**S) Varicella:**

- 1) *Immunization (CVX) codes: 21, 94;*
- 2) *POV V05.4;* 3) *CPT: 90710, 90716.*

***Varicella evidence of disease definition: 1) POV or PCC Problem List (active or inactive) 052\*, 053\*; or 2) Immunization Package contraindication of "Hx of Chicken Pox" or "Immune."***

***Varicella contraindication definitions: POV: 279, V08, 042, 200-202, 203.0, 203.1, 203.8, 204-208; or Immunization Package contraindication of "Anaphylaxis," "Immune Deficiency," "Immune Deficient," or "Neomycin Allergy."***

**T) Pneumococcal:**

- 1) *Immunization (CVX) codes: 33 Pneumo Polysaccharide; 100 Pneumo Conjugate; 109 Pneumo NOS;*
- 2) *POV: V06.6; V03.82;* 3) *CPT: 90669, 90732, G0009, G8115.*

***Pneumococcal contraindication definition: 1) Immunization Package contraindication of "Anaphylaxis."***

**GPRA 2009 Target**

During FY 2009, maintain the FY 2008 rate of 78% for the proportion of AI/AN children ages 19–35 months who have received the recommended immunizations.

**Patient List Options**

**Note:** Because age is calculated at the beginning of the report period, the patient's age on the list will be between 7–23 months.

List of patients Active Clinical 19–35 months who received the 4:3:1:3:3 combination (4 DTaP, 3 OPV/IPV, 1 MMR, 3 HiB, 3 Hep B).

List of Active Clinical patients 19–35 months who have not received the 4:3:1:3:3 combination (4 DTaP, 3 OPV/IPV, 1 MMR, 3 HiB, 3 Hep B). If a patient did not have all doses in a multiple dose vaccine, the IZ will not be listed. For example, if a patient only had 2 DTaP, no IZ will be listed for DTaP.

List of patients Active Immunization Package patients 19–35 months who received the 4:3:1:3:3 combination (4 DTaP, 3 OPV/IPV, 1 MMR, 3 HiB, 3 Hep B).

List of Active Immunization Package patients 19–35 months who have not received the 4:3:1:3:3 combination (4 DTaP, 3 OPV/IPV, 1 MMR, 3 HiB, 3 Hep B). If a patient did not have all doses in a multiple dose vaccine, the IZ will not be listed. For example, if a patient only had 2 DTaP, no IZ will be listed for DTaP.

*List of Active Immunization Package patients 19–35 months who received the 4:3:1:3:3:1 combination (4 DTaP, 3 OPV/IPV, 1 MMR, 3 HiB, 3 Hep B, and 1 Varicella).*

*List of patients Active Immunization Package patients 19–35 months who have not received the 4:3:1:3:3:1 combination (4 DTaP, 3 OPV/IPV, 1 MMR, 3 HiB, 3 Hep B, and 1 Varicella). If a patient did not have all doses in a multiple dose vaccine, the IZ will not be listed. For example, if a patient only had 2 DTaP, no IZ will be listed for DTaP.*

*List of Active Immunization Package patients 19–35 months who received the 4:3:1:3:3:1:4 combination (4 DTaP, 3 OPV/IPV, 1 MMR, 3 HiB, 3 Hep B, 1 Varicella, and 4 Pneumococcal).*

*List of patients Active Immunization Package patients 19–35 months who have not received the 4:3:1:3:3:1:4 combination (4 DTaP, 3 OPV/IPV, 1 MMR, 3 HiB, 3 Hep B, 1 Varicella and 4 Pneumococcal). If a patient did not have all doses in a multiple dose vaccine, the IZ will not be listed. For example, if a patient only had 2 DTaP, no IZ will be listed for DTaP.*

## 2.4 Cancer Screening Group

### 2.4.1 Cancer Screening: Pap Smear Rates

*Changes from version 8.0 Patch 3, as noted.*

#### Owner/Contact

Carolyn Aoyama

#### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

#### Denominator

**GPRA:** Female Active Clinical patients ages 21 through 64 without a documented history of hysterectomy. Patients must be at least 21 years of age at the beginning of the report period and less than 65 years of age as of the end of the report period.

#### Numerators

- 1) **GPRA:** Patients with documented Pap smear in past three years or refusal in past year.
  - A) Patients with documented refusal in past year.
- 2) **GPRA Developmental: Patients with a Pap smear documented in the past three years.**

<b>Note:</b> This numerator does <i>not</i> include refusals.
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#### Definitions

- 1) **Hysterectomy:** Any of the following ever: A) V Procedure: 68.4-68.8; B) CPT 51925, 56308 (old code), 58150, 58152, 58200-58294, 58548, 58550-58554, **58570-58573**, 58951, 58953-58954, 58956, 59135; or C) V POV 618.5.
- 2) **Pap Smear:**
  - A) V Lab: PAP SMEAR;
  - B) POV: V67.01 Follow-up Vaginal Pap Smear, V76.2 Screen Mal Neop-Cervix, V72.31 Routine Gynecological Examination (corrected description), V72.32 Encounter for Pap Cervical Smear to Confirm Findings of Recent Normal Smear Following Initial Abnormal Smear, V72.3 Gynecological Examination , Pap Cervical Smear as Part of General Gynecological Exam, Pelvic Exam (annual) (periodic) (old code, to be counted for visits prior to 10/1/04 only), V76.47 Vaginal Pap Smear for Post-Hysterectomy Patients, 795.0\*, **or 795.10-16 or 795.19;**
  - C) V Procedure: 91.46;

- D) V CPT: 88141-88167, 88174-88175, ~~G0101~~, G0123, G0124, G0141, G0143-G0145, G0147, G0148, P3000, P3001, Q0091 Screening Pap Smear;
- E) Women's Health: Procedure called Pap Smear;
- F) LOINC taxonomy (*added code 47528-5*);
- G) Site-populated taxonomy BGP GPRA PAP SMEAR;
- H) Refusal Lab Test Pap Smear.

**GPRA 2009 Target**

During FY 2009, maintain at the FY 2008 rate of 59% for the proportion of female patients ages 21 through 64 without a documented history of hysterectomy who have had a Pap screen within the previous three years.

**Patient List Options**

List of female patients with a Pap smear documented in the past three years or refusal in past year.

List of female patients without a Pap smear documented in the past three years or refusal in past year.

## 2.4.2 Cancer Screening: Mammogram Rates

***Changes from version 8.0 Patch 3, as noted.***

### Owner/Contact

Carolyn Aoyama

### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

### Denominator

**GPRA:** Female Active Clinical patients ages 52 through 64, without a documented bilateral mastectomy or two separate unilateral mastectomies.

**Note:** The patients must be less than 65 years of age as of the end of the report period.

### Numerators

- 1) **GPRA:** Patients with documented mammogram in past two years or refusal in past year.
  - A) Patients with documented refusal in past year.
- 2) **GPRA Developmental:** *All patients who had a Mammogram documented in the past 2 years. NOTE: This numerator does NOT include refusals.*

### Definitions

- 1) **Bilateral Mastectomy:**
  - A) V CPT: 19300.50-19307.50 OR 19300-19307 w/modifier 09950 (.50 and 09950 modifiers indicate bilateral), or old codes 19180, 19200, 19220, or 19240, w/modifier of .50 or 09950; or
  - B) ICD Operation codes: 85.42; 85.44; 85.46; 85.48.
- 2) **Unilateral Mastectomy:** Requires two separate occurrences for either CPT or procedure codes on 2 different dates of service.
  - A) V CPT: 19300-19307, or old codes 19180, 19200, 19220, 19240 or
  - B) V Procedures: 85.41, 85.43, 85.45, 85.47.
- 3) **Mammogram:**
  - A) V Radiology or V CPT: 77053-77059 (*removed add-on codes 77051-77052*), ~~76083 (old code)~~, 76090 (old code), 76091 (old code), 76092 (old code), G0206, G0204, G0202;
  - B) POV: V76.11, V76.12, 793.80 Abnormal mammogram, unspecified; 793.81 Mammographic microcalcification; 793.89 Other abnormal findings on radiological exam of breast;

C) V Procedures: 87.36, 87.37;

D) Women's Health: Mammogram Screening, Mammogram Dx Bilat,  
Mammogram Dx Unilat.

- 4) **Refusal Mammogram:** V Radiology MAMMOGRAM for CPT 77051-77059, 76083 (old code), 76090 (old code), 76091 (old code), 76092 (old code), G0206, G0204, G0202.

**GPRA 2009 Target**

During FY 2009, maintain at the FY 2008 rate of 45% for the proportion of female patients ages 52 through 64 who have had mammography screening within the last 2 years.

**Patient List**

List of female patients with a Mammogram documented in the past two years or refusal in past year.

List of female patients without a Mammogram documented in the past two years or refusal in past year.

## 2.4.3 Colorectal Cancer Screening

***Changes from version 8.0 Patch 3, as noted.***

### Owner/Contact

Epidemiology Program/ Dr. Nathaniel Cobb

### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

### Denominator

**GPRA:** Active Clinical patients ages 51-80 without a documented history of colorectal cancer or total colectomy, broken out by gender.

### Numerators

- 1) **GPRA:** Patients who have had ANY CRC colorectal screening, defined as any of the following: Fecal Occult Blood Test (FOBT) or Fecal Immunochemical Test (FIT) during the Report Period; flexible sigmoidoscopy or double contrast barium enema in the past five years; colonoscopy in the past 10 years, or a documented refusal in the past year.

A) Patients with documented refusal in the past year.

- 2) ***GPRA Developmental: Patients who have had ANY CRC screening, defined as any of the following: 1) Fecal Occult Blood Test (FOBT) or Fecal Immunochemical Test (FIT) during the Report period; 2) flexible sigmoidoscopy or double contrast barium enema in the past 5 years; or 3) colonoscopy in the past 10 years.***

**Note:** This numerator does *not* include refusals.

- 3) Patients with FOBT or FIT during the report period.

### Definitions

- 1) **Colorectal Cancer:** POV: 153.\*, 154.0, 154.1, 197.5, V10.05; CPT G0213-G0215, G0231.
- 2) **Total Colectomy:** CPT 44150-44151, 44152 (old code), 44153 (old code), 44155-44158, 44210-44212; V Procedure 45.8 (*old code*).
- 3) **Colorectal Cancer Screening:** The most recent of any of the following during applicable timeframes (changed to look at most recent screening):
  - A) **FOBT or FIT:** CPT 82270, 82274, 89205 (old code), G0107 (old code), G0328, G0394 (*old code*); LOINC taxonomy (*added code 50916-5*), or site-populated taxonomy BGP GPRA FOB TESTS.
  - B) **Flexible Sigmoidoscopy:** V Procedure 45.24, ~~45.42~~ (*moved to colonoscopy definition*); CPT 45330-45345, G0104.

C) **Double Contrast Barium Enema:** CPT or VRad: 74280, G0106, G0120.

D) **Colonoscopy:** V POV V76.51 Colon screening; V Procedure 45.22, 45.23, 45.25, **45.42**, 45.43; CPT 44388-44394, 44397, 45355, 45378-45387, 45391, 45392, ~~45325 (old)~~, G0105, G0121.

E) **Screening Refusals:**

A. **FOBT or FIT:** Refusal of V Lab Fecal Occult Blood test or CPT code 82270, 82274, 89205 (old code), G0107 (old code), G0328, or G0394 (*old code*);

B. **Flexible Sigmoidoscopy:** Refusal of V Procedure 45.24, ~~45.42 (moved to colonoscopy definition)~~ or CPT 45330-45345, G0104;

C. **Double Contrast Barium Enema:** Refusal of V Radiology CPT: 74280, G0106, G0120;

D. **Colonoscopy:** Refusal of V Procedure 45.22, 45.23, 45.25, **45.42**, 45.43 or V CPT 44388-44394, 44397, 45355, 45378-45387, 45391, 45392, ~~45325 (old)~~, G0105, or G0121.

#### **GPRA 2009 Target**

During FY 2009, maintain at the FY 2008 rate of 29% for the proportion of clinically appropriate patients ages 51–80 who have received colorectal screening

#### **Patient List Options**

List of patients 51–80 with CRC screening or refusal in past year.

List of patients 51–80 without CRC screening or refusal in past year

## 2.4.4 Tobacco Use and Exposure Assessment

### No changes from version 8.0 Patch 3.

#### Owner/Contact

Mary Wachacha and Chris Lamer, PharmD/Epidemiology Program, Dr. Nat Cobb

#### National Reporting

NATIONAL (included in IHS Performance Report; *not* reported to OMB and Congress)

#### Denominators

- 1) Active Clinical patients ages 5 and older.

#### Numerators

- 1) Patients screened for tobacco use during the report period.
- 2) Patients identified during the report period as current tobacco users.
  - A) Current smokers
  - B) Current smokeless tobacco users
- 3) Patients exposed to environmental tobacco smoke (ETS) during the report period.

#### Definitions

- 1) **Tobacco Screening:** At least one of the following:
  - A) Any Health Factor for category Tobacco.
  - B) POV or Current PCC Problem List 305.1, 305.1\* (old codes), 649.00-649.04, or V15.82 (tobacco-related diagnosis).
  - C) Dental code 1320.
  - D) Patient Education codes containing “TO-”, “-TO”, “-SHS,” 305.1, 305.1\* (old codes), 649.00-649.04, or V15.82.
  - E) CPT 99406, 99407, G0375 (old code), G0376 (old code), 1034F (Current Tobacco Smoker), 1035F (Current Smokeless Tobacco User), or 1036F (Current Tobacco Non-User).
- 2) **Tobacco Users:**
  - A) Health Factors: Current Smoker, Current Smokeless, Current Smoker and Smokeless, Cessation-Smoker, Cessation-Smokeless.
  - B) POV 305.1, 305.10-305.12 (old codes), or 649.00-649.04.
  - C) CPT 99406, 99407, G0375 (old code), G0376 (old code), 1034F or 1035F.

- 3) **Current Smokers:**
  - A) Health Factors: Current Smoker, Current Smoker and Smokeless, Cessation-Smoker.
  - B) 305.1, 305.10-305.12 (old codes), or 649.00-649.04.
  - C) CPT 99406, 99407, G0375 (old code), G0376 (old code), 1034F.
- 4) **Current Smokeless:**
  - A) Health Factors: Current Smokeless, Current Smoker and Smokeless, or Cessation-Smokeless.
  - B) CPT 1035F.
- 5) **Environmental Tobacco Smoke (ETS):** Health Factors: Smoker in Home, Exposure to Environmental Tobacco Smoke

**Patient List**

Patients with no documented tobacco screening.

## 2.4.5 Tobacco Cessation

### *Changes from version 8.0 Patch 3, as noted.*

**Note:** The Other National Measures (ONM) Report contains a set of denominators, numerators, and logic that is developmental for GPRA and *may* become the GPRA logic in a future GPRA year. This logic is included *only* in the ONM Report.

#### Owner/Contact

Mary Wachacha and Chris Lamer, PharmD/Epidemiology Program, Dr. Nat Cobb

#### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

#### Denominator

**GPRA:** Active Clinical patients identified as current tobacco users prior to the report period, broken down by gender and age groups: <12, 12-17, 18 and older.

#### Numerators

- 1) **GPRA:** Patients who have received or refused tobacco cessation counseling or received a prescription for a smoking cessation aid during the report period.
  - A) Patients who refused tobacco cessation counseling.
- 2) **GPRA Developmental:** *Patients who have received tobacco cessation counseling or received a prescription for a smoking cessation aid during the report period.*

**Note:** This numerator does *not* include refusals.

- 3) Patients identified during the report period as having quit their tobacco use.
- 4) Patients who have received or refused tobacco cessation counseling, received a prescription for a smoking cessation aid, or who quit their tobacco use during the report period.

#### Definitions

- 1) **Current Tobacco Users:** Any of the following documented prior to the report period:
  - A) Health Factors (looks at the last documented): Current Smoker, Current Smokeless, Current Smoker and Smokeless, Cessation-Smoker, Cessation-Smokeless
  - B) Last documented Tobacco-related Diagnoses (POV or active Problem List): 305.1, 305.10-305.12 (old codes), or 649.00-649.04.

- C) Last documented CPT 99406, 99407, G0375 (old code), G0376 (old code), 1034F or 1035F.

If any of the above are found, the patient is considered a tobacco user.

- 2) **Tobacco Cessation Counseling:** Any of the following during the report period:
  - A) Patient Education codes containing "TO-", "-TO", "-SHS", 305.1, 305.1\* (old codes), or 649.00-649.04
  - B) Clinic Code 94
  - C) Dental Code 1320
  - D) CPT code 99406, 99407, G0375 (old code), G0376 (old code), or 4000F
  - E) Documented refusal of patient education codes containing "TO-", "-TO", or "-SHS". Refusals will only be counted if a patient did not receive counseling or a prescription for tobacco cessation aid.
- 3) **Prescription for Tobacco Cessation Aid:** Any of the following:
  - A) Medication in the site-populated BGP CMS SMOKING CESSATION MEDS taxonomy;
  - B) Any medication with name containing “NICOTINE PATCH”, “NICOTINE POLACRILEX”, “NICOTINE INHALER”, or “NICOTINE NASAL SPRAY”;
  - C) CPT 4001F.
- 4) **Quit Tobacco Use:** POV or Current Active Problem List 305.13 (old code) or V15.82; Health Factors Previous Smoker, Previous Smokeless (looks at the last documented health factor).

#### **GPRA 2009 Target**

During FY 2009, maintain the FY 2008 rate of 21% for the proportion of tobacco-using patients who receive tobacco cessation intervention.

#### **Patient List Options**

List of tobacco users with documented tobacco cessation intervention or refusal.

List of tobacco users without documented tobacco cessation intervention or refusal.

List of tobacco users who quit tobacco use.

List of tobacco users with documented tobacco cessation intervention or refusal or who quit tobacco use.

List of tobacco users without documented tobacco cessation intervention or refusal and did not quit tobacco use.

## 2.5 Behavioral Health Group

### 2.5.1 Alcohol Screening (Fetal Alcohol Syndrome [FAS] Prevention)

*Changes from version 8.0 Patch 3, as noted.*

#### Owner/Contact

Dr. Peter Stuart

#### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

#### Denominator

**GPRA:** Female Active Clinical patients ages 15 to 44 (child-bearing age).

#### Numerators

- 1) **GPRA:** Patients screened for alcohol use, had an alcohol-related diagnosis or procedure, received alcohol-related patient education, or refused alcohol screening during the report period.
  - A) Patients with documented refusal in past year.
- 2) **GPRA Developmental: Patients screened for alcohol use, had an alcohol-related diagnosis or procedure, or received alcohol-related patient education during the report period.**

<b>Note:</b> This numerator does <i>not</i> include refusals.
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#### Definitions

- 1) **Alcohol Screening:**
  - A) PCC Exam code 35;
  - B) Any Alcohol Health Factor;
  - C) Screening Diagnosis: V11.3; V79.1, or BHS problem code 29.1;
  - D) CPT 99408, 99409, G0396, G0397, H0049, or
  - E) V Measurement in PCC or BH of AUDT, AUDC, or CRFT.
- 2) **Alcohol-Related Diagnosis or Procedure:**
  - A) Alcohol-related Diagnosis (POV, Current PCC or BHS Problem List): 303.\*, 305.0\*; 291.\*; 357.5\*; BHS POV 10, 27, 29
  - B) Alcohol-related Procedure (V Procedure): 94.46, 94.53, 94.61-94.63, 94.67-94.69

- 3) **Alcohol-Related Patient Education:** All Patient Education codes containing “AOD-” or “-AOD”, “CD-” or “-CD” (old codes), or V11.3, V79.1, 303.\*, 305.0\*, 291.\* or 357.5\*
- 4) **Refusal of Alcohol Screening:** Refusal of:
  - A) PCC Exam code 35.

**GPRA 2009 Target**

During FY 2009, maintain at the FY 2008 rate of 47% for the proportion of female patients ages 15 to 44 who receive screening for alcohol use.

**Patient List Options**

List of female patients with documented screening.

List of female patients without documented screening.

## 2.5.2 Intimate Partner (Domestic) Violence Screening

***Changes from version 8.0 Patch 3, as noted.***

### Owner/Contact

Denise Grenier, LCSW and Dr. Peter Stuart

### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

### Denominator

**GPRA:** Female Active Clinical patients ages 15-40.

### Nominators

- 1) **GPRA:** Patients screened for or diagnosed with intimate partner (domestic) violence during the report period, including documented refusals in past year.
  - A) Patients with documented refusal in past year of an IPV/DV exam or IPV/DV-related education.
- 2) ***GPRA Developmental: Patients screened for intimate partner (domestic) violence at any time during the report period.***

**Note:** This numerator does *not* include refusals.

### Definitions

- 1) **IPV/DV Screening:** PCC Exam Code 34 or BHS IPV/DV exam
- 2) **IPV/DV Related Diagnosis:** POV, Current PCC or BHS Problem List 995.80-83, 995.85, V15.41, V15.42, V15.49; BHS POV 43.\*, 44.\*
- 3) **IPV/DV Patient Education:** Patient Education codes containing “DV-” or “-DV”, 995.80-83, 995.85, V15.41, V15.42, or V15.49
- 4) **IPV/DV Counseling:** POV V61.11
- 5) **Refusals:**
  - A) Any PCC refusal in past year with Exam Code 34 or BHS refusal in past year of IPV/DV exam;
  - B) Any refusal in past year with Patient Education codes containing "DV-" or “-DV.”

### GPRA 2009 Target

During FY 2009, maintain at the FY 2008 rate of 42% for the proportion of female patients ages 15 to 40 who receive screening for domestic violence.

### Patient List Options

List of female patients 15–40 with documented IPV/DV screening or refusal.

List of female patients 15–40 without documented IPV/DV screening or refusal.

## 2.5.3 Depression Screening

### ***Changes from version 8.0 Patch 3, as noted.***

#### **Owner/Contact**

Denise Grenier, LCSW and Drs. David Sprenger and Peter Stuart

#### **National Reporting**

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

#### **Denominator**

**GPRA:** Active Clinical patients ages 18 and older, broken down by gender.

#### **Numerators**

- 1) **GPRA:** Patients screened for depression or diagnosed with mood disorder at any time during the report period, including documented refusals in past year.
  - A) Patients screened for depression during the report period.
  - B) Patients with a diagnosis of a mood disorder during the report period.
  - C) Patients with documented refusal in past year.
- 2) ***GPRA Developmental: Patients screened for depression or diagnosed with a mood disorder at any time during the report period.***

<b>Note:</b> This numerator does <i>not</i> include refusals.
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#### **Definitions**

- 1) **Depression Screening:** Any of the following:
  - A) Exam Code 36,
  - B) POV V79.0,
  - C) BHS problem code 14.1 (screening for depression), or
  - D) V Measurement in PCC or BH of PHQ2 or PHQ9.
- 2) **Mood Disorders:** At least two visits in PCC or BHS during the Report period with POV for: Major Depressive Disorder, Dysthymic Disorder, Depressive Disorder NOS, Bipolar I or II Disorder, Cyclothymic Disorder, Bipolar Disorder NOS, Mood Disorder Due to a General Medical Condition, Substance-induced Mood Disorder, or Mood Disorder NOS. These POV codes are: 296.\*, 291.89, 292.84, 293.83, 300.4, 301.13, or 311 or BHS POV 14 or 15.
- 3) **Screening Refusal:** Any PCC refusal in past year with Exam Code 36.

#### **GPRA 2009 Target**

During FY 2009, maintain at the FY 2008 rate of 35% for the proportion of adults ages 18 and older who receive annual screening for depression.

**Patient List Options**

List of Active Clinical patients =>18 screened for depression/diagnosed with mood disorder.

List of Active Clinical patients =>18 not screened for depression/diagnosed with mood disorder.

## 2.6 Cardiovascular Disease Related Group

### 2.6.1 Obesity Assessment

**No changes from version 8.0 Patch 3.**

#### Owner/Contact

Nutrition Program, Jean Charles-Azure

#### National Reporting

NATIONAL (included in IHS Performance Report; *not* reported to OMB and Congress)

#### Denominator

Active Clinical patients ages 2 through 74, broken down by gender and age groups: 2–5, 6–11, 12–19, 20–24, 25–34, 35–44, 45–54, 55–74.

#### Numerators

- 1) All patients for whom BMI can be calculated, including refusals in the past year.
  - A) Of Numerator 1, patients considered overweight, adults BMI 25–29, age 18 and under based on standard tables.
  - B) Of Numerator 1, patients considered obese, adults BMI  $\geq 30$ , age 18 and under based on standard tables.
  - C) Of Numerator 1, total overweight and obese.
  - D) Of Numerator 1, patients with documented refusal in past year.

#### Definitions

- 1) **BMI:** Calculated using NHANES II. For 18 and under, a height and weight must be taken on the same day any time during the report period. For 19 through 50, height and weight within last five years, not required to be on same day. For over 50, height and weight within last two years, not required to be on same day.
- 2) **Refusals:** Include REF (refused), NMI (not medically indicated) and UAS (unable to screen) and must be documented during the past year. For ages 18 and under, both the height and weight must be refused on the same visit at any time during the past year. For ages 19 and older, the height and the weight must be refused during the past year and are not required to be on the same visit.

#### Patient List Options

List of patients with calculated BMI.

List of patients for whom BMI could not be calculated.

## 2.6.2 Childhood Weight Control

### ***Changes from version 8.0 Patch 3, as noted.***

#### **Owner/Contact**

Nutrition Program, Jean Charles-Azure

#### **National Reporting**

NATIONAL (included in IHS Performance Report; *not* reported to OMB and Congress)

#### **Denominator**

***GPR***A: Active Clinical Patients 2-5 for whom a BMI could be calculated, broken out by age groups. (***Changed from annual to long-term GPR***A measure.)

#### **Numerators**

- 1) Patients with a BMI ***in the*** 85<sup>th</sup> to 94<sup>th</sup> ***percentile***.
- 2) ~~***GPR***A Numerator~~: Patients with a BMI ***at or above*** the 95<sup>th</sup> ***percentile***. (***Changed from annual to long-term GPR***A measure.)
- 3) Patients with a BMI ***at or above*** the 85<sup>th</sup> ***percentile***.

#### **Definitions**

- 1) **Age**: All patients who are between the ages of 2 and 5 at the beginning of the Report Period and who do not turn age 6 during the report period are included in this measure. Age in the age groups is calculated based on the date of the most current BMI found. For example, a patient may be 2 at the beginning of the time period but is 3 at the time of the most current BMI found. That patient will fall into the Age 3 group.
- 2) **BMI**: CRS looks for the most recent BMI in the report period. CRS calculates BMI at the time the report is run, using NHANES II. A height and weight must be taken on the same day any time during the report period. The BMI values for this measure are reported differently than in Obesity Assessment since this age group is children ages 2–6, whose BMI values are age-dependent. The BMI values are categorized as ~~***At-risk for Overweight***~~ ***Overweight*** for patients with a BMI ***in the*** 85<sup>th</sup> to 94<sup>th</sup> ***percentile*** and ~~***Overweight***~~ ***Obese*** for patients with a BMI ***at or above*** the 95<sup>th</sup> ***percentile***.

Patients whose BMI either is greater or less than the Data Check Limit range, as shown in the following table, will not be included in the report counts for ~~*At-risk for Overweight Overweight*~~ or ~~*Overweight Obese*~~.

Low-High Ages	Sex	BMI ( <del><i>RiskOverwt Overweight</i></del> )	BMI ( <del><i>Overwt Obese</i></del> )	Data Check Limits	
				BMI >	BMI <
2-2	Male	17.7	18.7	36.8	7.2
	Female	17.5	18.6	37.0	7.1
3-3	Male	17.1	18.0	35.6	7.1
	Female	17.0	18.1	35.4	6.8
4-4	Male	16.8	17.8	36.2	7.0
	Female	16.7	18.1	36.0	6.9
5-5	Male	16.9	18.1	36.0	6.9
	Female	16.9	18.5	39.2	6.8

#### Patient List

List of patients ages 2–5 with BMI at or above the 95<sup>th</sup> *percentile*.

## 2.6.3 Comprehensive CVD-Related Assessment

### Changes from version 8.0 Patch 3, as noted.

#### Owner/Contact

Dr. Eric Brody/Mary Wachacha and Chris Lamer, PharmD

#### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

#### Denominator

**GPRA:** Active IHD patients ages 22 and older, defined as all Active Clinical patients diagnosed with ischemic heart disease (IHD) prior to the report period, *and* at least 2 visits during the report period, *and* 2 IHD-related visits ever.

#### Numerators

- 1) Patients with Blood Pressure value documented at least twice in prior two years.
- 2) With LDL completed in past five years, regardless of result.
- 3) Screened for tobacco use during the report period.
- 4) For whom a BMI could be calculated, including refusals in the past year.
  - A) ***BMI Available: Patients who refused a height or weight measurement and for whom a BMI could not be calculated.***
- 5) Who have received any lifestyle adaptation counseling, including medical nutrition counseling, or nutrition, exercise or other lifestyle education during the report period.
- 6) **GPRA:** Patients with *all* assessments above.

**Note:** This does *not* include depression screening.

- 7) ***GPRA Developmental: Patients with comprehensive CVD assessment, defined as having BP, LDL, and tobacco use assessed, BMI calculated, and lifestyle counseling.***

**Note:** This does *not* include depression screening and does *not* include refusals of BMI.

- 8) ***BMI Available: Patients for whom a BMI could be calculated.***

**Note:** This numerator does *not* include refusals.

- 9) Screened for depression or diagnosed with a mood disorder during the report period, including documented refusals in past year.

**Definitions**

- 1) **Ischemic Heart Disease (IHD):** 410.0-412.\*, 414.0-414.9, 428.\* or 429.2 recorded in the V POV file.
- 2) **Blood Pressure:** Having a minimum of two BPs documented on non-ER visits in past two years. If CRS does not find 2 BPs, it will search for CPT 3074F-3080F documented on non-ER visit during the past 2 years.
- 3) **LDL:** Finds the most recent test done in the last 5 years, regardless of the results of the measurement. LDL Definition: CPT 80061, 83700, 83701, 83704, 83715 (old code), 83716 (old code), 83721, 3048F, 3049F, 3050F; LOINC taxonomy; site-populated taxonomy DM AUDIT LDL CHOLESTEROL TAX.
- 4) **Tobacco Screening:** At least one of the following:
  - A. Any health factor for category Tobacco documented during current report period;
  - B. Tobacco-related diagnoses (POV or current Active Problem List) 305.1, 305.1\* (old codes), 649.00-649.04, or V15.82;
  - C. Dental code 1320;
  - D. Any patient education code containing "TO-", "-TO", "-SHS", 305.1, 305.1\* (old codes), 649.00-649.04, or V15.82;
  - E. CPT 99406, 99407, G0375 (old code), G0376 (old code), 1034F, 1035F, or 1036F.
- 5) **BMI:** CRS calculates BMI at the time the report is run, using NHANES II. For 19 through 50, height and weight must be recorded within last 5 years, not required to be on the same day. For over 50, height and weight within last 2 years, not required to be recorded on same day. Refusals include REF (refused), NMI and UAS (unable to screen) and must be documented during the past year. For ages 19 and older, the height and the weight must be refused during the past year and are not required to be on the same visit.
- 6) **Medical Nutrition Counseling:** CPT 97802-97804, G0270, G0271; Provider codes 07, 29, 97, 99; Clinic codes 67 (dietary) or 36 (WIC). Nutrition education defined as: POV V65.3 dietary surveillance and counseling; patient education codes ending "-N" (Nutrition) or "-MNT" or containing V65.3 (or old code "-DT" (Diet)). Exercise education defined as: POV V65.41 exercise counseling; patient education codes ending "-EX" (Exercise) or containing V65.41. Related exercise and nutrition counseling defined as: patient education codes ending "-LA" (lifestyle adaptation) or containing "OBS-" (obesity) or 278.00 or 278.01.
- 7) **Depression Screening/Mood Disorder DX:** Any of the following during the report period:
  - A) Depression Screening:

- 1) Exam Code 36,
  - 2) POV V79.0,
  - 3) BHS problem code 14.1 (screening for depression),
  - 4) V Measurement in PCC or BH of PHQ2 or PHQ9, or
  - 5) refusal, defined as any PCC refusal in past year with Exam Code 36.
- B) Mood Disorder DX: At least two visits in PCC or BHS during the Report period with POV for: Major Depressive Disorder, Dysthymic Disorder, Depressive Disorder NOS, Bipolar I or II Disorder, Cyclothymic Disorder, Bipolar Disorder NOS, Mood Disorder Due to a General Medical Condition, Substance-induced Mood Disorder, or Mood Disorder NOS. These POV codes are: 296.\*, 291.89, 292.84, 293.83, 300.4, 301.13, or 311 or BHS POV 14 or 15.

**GPRA 2009 Target**

During FY 2009, maintain at the FY 2008 rate of 30% for the proportion of at-risk patients who have a comprehensive assessment.

**Patient List Options**

List of Active IHD patients 22+ with a comprehensive CVD assessment.

List of Active IHD patients 22+ without a comprehensive CVD assessment

## 2.7 STD-Related Group

### 2.7.1 HIV Screening

***Changes from version 8.0 Patch 3, as noted.***

#### Owner/Contact

Drs. Scott Giberson, Marie Russell, Jim Cheek, and John Redd

#### National Reporting

NATIONAL (included in IHS Performance Report; reported to OMB and Congress)

#### Denominator

**GPRA:** All pregnant Active Clinical patients with no documented miscarriage or abortion during the past 20 months and *no* recorded HIV diagnosis ever.

#### Numerators

- 1) **GPRA:** Patients who were screened for or refused an HIV test during the past 20 months.
  - A) Number of documented refusals.
- 2) ***GPRA Developmental Numerator: Patients who were screened for HIV during the past 20 months.***

<b>Note:</b> This numerator does <i>not</i> include refusals.
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#### Definitions

- 1) **Pregnancy:** At least 2 visits with POV: V22.0-V23.9, V72.42, 640.\*-649.\*, 651.\*-676.\* during the past 20 months, with one diagnosis occurring during the reporting period. ***For pregnancy definition, (1) revised logic from looking for the last two pregnancy diagnoses during the 20-month period to the first two diagnoses during the 20-month period. (2) Corrected logic to look for an abortion/miscarriage after the second pregnancy diagnosis. Previously, the logic was looking after the date of the first pregnancy diagnosis it found (which represented the patient's next to last diagnosis). (3) Corrected the logic used to determine if the patient has at least one pregnancy diagnosis that occurs during the report period. Previously, the logic required the next to the last pregnancy diagnosis to occur during the report period. Now, it looks at all of the patient's pregnancy diagnoses during the 20-month period to determine if at least one of them occurs during the report period. It does not require that the first two diagnoses occur during the report period.***
- 2) **Miscarriage:** Occurring after the second pregnancy POV and during the past 20 months. POV: 630, 631, 632, 633\*, 634\*, CPT: 59812, 59820, 59821, 59830

- 3) **Abortion:** Occurring after the second pregnancy POV and during the past 20 months. POV: 635\*, 636\*, 637\*, CPT: 59100, 59120, 59130, 59136, 59150, 59151, 59840, 59841, 59850, 59851, 59852, 59855, 59856, 59857, S2260-S2267, Procedure: 69.01, 69.51, 74.91, 96.49.
- 4) **HIV:** Any of the following documented anytime prior to the end of the report period: V POV or Problem List: 042, 042.0-044.9 (old codes), 079.53, V08, 795.71.
- 5) **HIV Screening:** CPT: 86689, 86701-86703, 87390, 87391, 87534-87539; LOINC taxonomy; site-populated taxonomy BGP GPRA HIV TESTS
- 6) **Refusal of HIV Screening:** Refusal of any laboratory test in site-populated taxonomy BGP HIV TEST TAX.

**Note:** The time frame for both screening and refusals for the pregnant patients denominator is anytime during the past 20 months. *Refusals are allowed during the past 20 months for pregnant patients (vs. only during the report period) in the event the patient is at the end of her pregnancy at the beginning of the report period and refused the HIV test earlier in her pregnancy during the previous year.*

#### **GPRA 2009 Target**

During FY 2009, maintain at the FY 2008 rate of 75% for the proportion of pregnant patients who are screened for HIV.

#### **Patient List Options**

List of pregnant patients with documented HIV test or refusal in past 20 months.

List of pregnant patients without documented HIV test or refusal in past 20 months.

## 2.8 Other Clinical Group

### 2.8.1 Breastfeeding Rates

**Topic moved from the Other National Measures Report to this report.  
No changes from version 8.0 Patch 3.**

**Note:** This measure is used in conjunction with the Childhood Weight Control GPRA long-term measure to support the reduction of the incidence of childhood obesity.

#### Owner/Contact

Cheryl Peterson, RN

#### National Reporting

NATIONAL (*not* included in IHS Performance Report; reported to OMB in the PART Report)

#### Denominators

- 1) Active Clinical patients who are 45–394 days old.
- 2) **PART:** Active Clinical patients who are 45–394 days old who were screened for infant feeding choice at the age of two months (45–89 days).
- 3) Active Clinical patients who are 45–394 days old who were screened for infant feeding choice at the age of six months (165–209 days).
- 4) Active Clinical patients who are 45–394 days old who were screened for infant feeding choice at the age of nine months (255–299 days).
- 5) Active Clinical patients who are 45–394 days old who were screened for infant feeding choice at the age of 1 year (350–394 days)

#### Numerators

- 1) Patients who were screened for infant feeding choice at least once.
- 2) Patients who were screened for infant feeding choice at the age of two months (45–89 days).
- 3) Patients were screened for infant feeding choice at the age of six months (165–209 days).
- 4) Patients who were screened for infant feeding choice at the age of nine months (255–299 days).
- 5) Patients who were screened for infant feeding choice at the age of 1 year (350–394 days).

- 6) **PART:** Patients who, at the age of two months (45–89 days), were either exclusively or mostly breastfed.
- 7) Patients who, at the age of six months (165–209 days), were either exclusively or mostly breastfed.
- 8) Patients who, at the age of nine months (255–299 days), were either exclusively or mostly breastfed.
- 9) Patients who, at the age of 1 year (350–394 days), were either exclusively or mostly breastfed.

**Definitions**

- 1) **Infant Feeding Choice:** The documented feeding choice from the file V Infant Feeding Choice that is closest to the exact age that is being assessed will be used. For example, if a patient was assessed at 45 days old as 1/2 breastfed and 1/2 formula and assessed again at 65 days old as mostly breastfed, the mostly breastfed value will be used since it is closer to the exact age of 2 months (i.e. 60 days). Another example is a patient who was assessed at 67 days as mostly breastfed and again at 80 days as mostly formula. In this case, the 67 days value of mostly breastfed will be used. The other exact ages are 180 days for 6 months, 270 days for 9 months, and 365 days for 1 year.

In order to be included in the age-specific screening numerators, the patient must have been screened at the specific age range. For example, if a patient was screened at 6 months and was exclusively breastfeeding but was not screened at 2 months, then the patient will only be counted in the 6 months numerator.

**Patient List Options**

List of Active Clinical patients 45–394 days who were screened for Infant Feeding Choice at least once.

List of Active Clinical patients 45–394 days who were not screened for Infant Feeding Choice at least once.

List of Active Clinical patients screened at the age of two months (45–89 days) and were either exclusively or mostly breastfed.

List of Active Clinical patients screened at the age of two months (45–89 days) and were not exclusively or mostly breastfed.

## 3.0 Contact Information

If you have any questions or comments regarding this distribution, please contact the OIT Help Desk (IHS).

**Phone:** (505) 248-4371 or (888) 830-7280 (toll free)

**Fax:** (505) 248-4363

**Web:** <http://www.ihs.gov/GeneralWeb/HelpCenter/Helpdesk/index.cfm>

**Email:** [support@ihs.gov](mailto:support@ihs.gov)