

**Methods for Members with Special Health Care  
Needs Performance Measures**

**Aged, Blind, or Disabled (ABD)  
Program**

**Provider Agreement Effective through Contract Period ending June 30, 2009**

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## **OVERVIEW**

Beginning in Spring 2008, ODJFS collaborated with the managed care plans (MCPs) to develop criteria to identify members who would benefit the most from care management services. This revamped approach will allow MCPs the flexibility to design care management programs that will direct resources to members demonstrating the greatest health care needs, and increase the potential to positively impact health outcomes, quality of life, and member satisfaction. The ABD MSHCN performance measures were replaced by two MSHCN CM performance measures. The new care management performance measures for MSHCN will be in effect as of January 2009.

### **Data Sources**

The sources of the data for calculating the measures is as follows:

- (1) MCP submitted encounter data.
- (2) ODJFS' Recipient Master File.
- (3) Case management data submitted and accepted in the Case Management System (CAMS).

### **Submission to the Care Management System (CAMS)**

Appendix G, 3.b.iii.c.7 of the SFY 20089 Provider Agreement describes the required components of care management.

### **Report Periods**

January - March 2009

April - May 2009

## Care Management of High Risk Members

**Measure:** *The percent of high risk members who have had at least three consecutive months of enrollment in one MCP that are care managed.*

**Numerator:** Number of members in the denominator who are receiving care management services (excluding low and medium risk stratification levels as described in Appendix G) at any time from the most recent event for which they were identified as high risk and the end of the report period.

**Denominator:** Number of members statewide who: 1) were continuously enrolled in the MCP during the report period; 2) were identified through encounter data claims as being high risk by at least one of the following criteria:

- I. One hospital readmission within 90 days within the year prior to the report period.
- II. Three or more acute inpatient hospitalizations during the year prior to the report period.
- III. Two or more emergency department (ED) visits within 180 days within the year prior to the report period with a primary diagnosis of any of the following conditions: asthma, coronary artery disease (CAD), chronic obstructive pulmonary disorder (COPD), non-mild hypertension, congestive heart failure (CHF), severe mental disorder, substance abuse, or diabetes.
- IV. Two or more preventable ED visits (defined by NYU algorithm) within the year prior to the report period. This identification criteria will include only those ED visits that have primary diagnoses codes that the NYU algorithm assigns a probability of being primary care treatable and/or preventable/avoidable, excluding those diagnoses that have a probability of only being non-emergent.

**Data Source:** Encounter Data  
CAMS

**Report Period:** January – March, 2009  
April – June, 2009

### Codes to Identify Acute Inpatient Hospitalizations

UB-92 Type of Bill
111, 121, 411, 421

### Exclusions:

- Delivery encounters will be excluded from calculations of inpatient hospitalizations, hospital readmissions, and ED visits.

## Codes Used To Identify Deliveries

### ICD-9 Procedure Codes:

- 72.x Forceps, vacuum, and breech delivery
- 73.x Other procedures inducing or assisting delivery
- 74.0 Cesarean section and removal of fetus; Classical cesarean section
- 74.1 Cesarean section and removal of fetus; Low cervical cesarean section
- 74.2 Cesarean section and removal of fetus; Extraperitoneal cesarean section
- 74.4 Cesarean section and removal of fetus; Cesarean section of other specified type
- 74.99 Cesarean section of unspecified type

### ICD-9 Diagnosis Codes to Identify Live Births:

- 650 Normal Delivery
- V27.0 Single liveborn
- V27.2 Twins, both liveborn
- V27.3 Twins, one liveborn and one stillborn
- V27.5 Other multiple birth, all liveborn
- V27.6 Other multiple birth, some liveborn

### **The following codes must have a 5th digit equal to 1 or 2:**

- 640-648; Complications mainly related to pregnancy
- 651-659; Normal delivery and other indications for care in pregnancy, labor, and delivery
- 660-669; Complications occurring mainly during the course of labor and delivery
- 670-676; Complications of the puerperium.

### CPT Codes:

- 59409 Vaginal delivery (with or without episiotomy and/or forceps)
- 59514 Cesarean delivery only
- 59612 Vaginal delivery only, after previous cesarean delivery (with or without episiotomy and/or forceps)
- 59620 Cesarean delivery only, following attempted vaginal delivery after previous cesarean delivery

### Codes to Identify Emergency Department Visits

<b>UB-92 Revenue</b>		<b>UB-92 Type of Bill</b>
<b>45x, 981</b>	<b>AND</b>	<b>13x</b>
<i>OR</i>		
<b>CPT</b>		<b>POS</b>
<b>10040 – 69979</b>	<b>AND</b>	<b>23</b>
<i>OR</i>		
<b>CPT</b>		
<b>99281-99285</b>		

### Exclusions:

1. Any ED visit, as defined above, with the same member service date as a claim with CPT-4 Code of 99281-99285 in combination with a revenue center code of '456' (urgent care) or place of service code of '20' (urgent care), will be excluded from the numerator.

2. ED visits resulting in an inpatient stay (i.e., ED visits on the day prior to, or the same day, as the first day of an inpatient admission) will be excluded from the numerator. Inpatient stays are identified by Type of Bill codes 11x, 12x, 41x, 42x, and 84x on UB-92 claims.

### Codes to Identify Asthma

ICD-9 Diagnosis Code	
493.xx	Asthma

### Codes to Identify COPD

ICD-9 Diagnoses Codes	
491.XX	Chronic bronchitis
492.X	Emphysema
496	Chronic airway obstruction, not elsewhere classified

### Codes to Identify CHF

ICD-9 Diagnosis Codes	
428.xx	Heart failure
398.91	Rheumatic heart failure (congestive)

### Codes to Identify Severe Mental Disability – Behavioral Health

ICD-9 Principal Diagnosis Codes	
293.xx	Transient mental disorders due to conditions classified elsewhere
294.xx	Persistent mental disorders due to conditions classified elsewhere
295.xx	Schizophrenic disorders
296.xx	Episodic mood disorders
297.x	Delusional disorders
298.x	Other nonorganic disorders
299.xx	Pervasive developmental disorders

### Codes to Identify AOD – Behavioral Health

ICD-9 Diagnosis Codes	
291.xx	Alcohol induced mental disorders
292.xx	Drug induced mental disorders
303.xx	Alcohol dependence syndrome
304.xx	Drug dependence
305.0x	Alcohol abuse
305.2x- 305.9x	Other drug abuse
535.3	Alcohol gastritis
571.1	Acute alcohol hepatitis

### Codes to Identify Diabetes

ICD-9 Diagnosis Codes	
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250.xx	Diabetes mellitus	366.41	Diabetic cataract
357.2	Polyneuropathy in diabetes	648.0	Diabetes mellitus
362.0	Diabetic retinopathy		

### Codes to identify Hypertension (non-mild)

CPT Code	
362.11	Hypertensive retinopathy
401.0	Essential hypertension, malignant
402.xx	Hypertensive heart disease
403.xx	Hypertensive kidney disease
404.xx	Hypertensive heart and kidney disease
437.2	Hypertensive encephalopathy

### Table CAD-1: Codes to Identify Coronary Artery Disease

ICD-9 Diagnosis Codes	
410.xx	Acute Myocardial Infarction
411.xx	Other acute/subacute forms of ischemic heart disease
412.xx	Old myocardial infarction
413.x	Angina pectoris
414.0x	Coronary atherosclerosis
414.8	Other specified forms of ischemic heart disease
414.9	Chronic ischemic heart disease, unspecified
429.2	Cardiovascular disease, unspecified
996.03	Mechanical complication of cardiac device/coronary bypass graft
V45.81	Aortocoronary bypass status

### Primary Care Treatable and/or Preventable/Avoidable ED Diagnosis Codes

ICD-9 Diagnoses Codes	
003.0	Salmonella gastroenteritis
011.9	Pulmonary tuberculosis, unspecified
034.0	Streptococcal sore throat
034.1	Scarlet Fever
035.0	Erysipelas
038.10	Staphylococcal septicemia, unspecified
038.0	Streptococcal septicemia
038.9	Unspecified septicemia
790.7	Bacteremia
053.9	Herpes Zoster without mention of complication
057.0	Erythema infectiosum
057.9	Viral exanthema, unspecified
074.3	Hand, foot, and mouth disease
097.1	Latent syphilis, unspecified
099.0	Chancroid
099.9	Veneral disease, unspecified
112.0	Candidiasis of mouth
112.1	Candidiasis of vulva and vagina
112.9	Candidiasis of of unspecified sites
131.01	Trichomonal vulvovaginitis

131.9	Trichomoniasis, unspecified
133.0	Scabies
136.9	Unspecified infectious and parasitic diseases
242.90	Thyrotoxicosis without mention of goiter or other cause without mention of thyrotoxic crisis or storm
250.00	Diabetes mellitus without mention of complication
250.02	Diabetes mellitus without mention of complication; Type II or unspecified type, uncontrolled
250.03	Diabetes mellitus without mention of complication; Type I uncontrolled
250.1	Diabetes with ketoacidosis
250.80	Diabetes with other specified manifestations; Type II or unspecified type, not stated as uncontrolled
250.60	Diabetes with neurological manifestations, Type II or unspecified type, not stated as uncontrolled
250.61	Diabetes with neurological manifestations, Type I, not stated as uncontrolled
250.81	Diabetes with other specified manifestations; Type I, not stated as uncontrolled
250.82	Diabetes with other specified manifestations; Type II or unspecified type, uncontrolled
250.83	Diabetes with other specified manifestations; Type I, uncontrolled
250.90	Diabetes with unspecified complication, Type II or unspecified type, not stated as uncontrolled
251.2	Hypoglycemia, unspecified
251.0	Hypoglycemic coma
276.5	Volume depletion
276.1	Hyposmolality and/or hyponatremia
278.0	Overweight and obesity
296.2	Major depressive disorder, single episode
296.24	Major depressive disorder, single episode; severe, specified as with psychotic behavior
296.7	Bipolar I disorder, most recent episode (or current) unspecified
302.72	Psychosexual dysfunction with inhibited sexual excitement
304.0	Opioid type dependence
305.6	Cocaine abuse, continuous
304.2	Cocaine dependence; unspecified
307.46	Sleep arousal disorder
308.9	Unspecified acute reaction to stress
308.0	Predominant disturbance of emotions
310.1	Personality change due to conditions classified elsewhere
312.30	Impulse control disorder, unspecified
312.9	Unspecified disturbance of conduct
314.00	Attention deficit disorder without mention of hyperactivity
314.00	Attention deficit disorder with hyperactivity
332.0	Paralysis agitans
333.2	Myoclonus
358.0	Myasthenia gravis
362.10	Background retinopathy, unspecified
364.3	Unspecified iridocyclitis
366.9	Unspecified cataract
367.0	Hypermetropia
369.9	Unspecified visual loss
372.40	Pterygium, unspecified
373.12	Hordeolum internum
373.2	Chalazion
379.91	Pain in or around eye
380.10	Infective otitis externa, unspecified

380.4	Impacted cerumen
382.00	Acute suppurative otitis media without spontaneous rupture of ear drum
381.4	Nonsuppurative otitis media, not specified as acute or chronic
381.00	Acute nonsuppurative otitis media, unspecified
382.9	Unspecified otitis media
381.01	Acute serous otitis media
384.20	Perforation of tympanic membrane, unspecified
872.61	Open wound of ear drum, without mention of complication
386.30	Labyrinthitis, unspecified
388.10	Noise effects on inner ear, unspecified
388.69	Other otorrhea
388.8	Other disorders of ear
401.9	Essential hypertension; unspecified
402.91	Hypertensive heart disease, unspecified, with heart failure
403.91	Hypertensive kidney disease, unspecified with chronic kidney disease
403.93	Hypertensive kidney disease, unspecified with heart failure and chronic kidney disease
410.90	Acute myocardial infarction, unspecified site, episode of care unspecified
411.1	Intermediate coronary syndrome
413.9	Other and unspecified angina pectoris
414.00	Coronary atherosclerosis of unspecified type of vessel, native or graft
414.9	Chronic ischemic heart disease, unspecified
428.0	Congestive heart failure, unspecified
451.9	Phlebitis and thrombophlebitis; of unspecified site
454.0	Varicose veins of lower extremities with ulcer
454.9	Asymptomatic varicose veins
455.0	Internal hemorrhoids without mention of complication
455.3	External hemorrhoids without mention of complication
455.6	Unspecified hemorrhoids without mention of complication
459.0	Hemorrhage, unspecified
461.0	Acute sinusitis, maxillary
462	Acute pharyngitis
034.0	Streptococcal sore throat
463	Acute tonsillitis
464.0	Acute laryngitis
464.10	Acute tracheitis, without mention of obstruction
465.9	Acute upper respiratory infections of unspecified site
460	Acute nasopharyngitis [common cold]
465.8	Acute upper respiratory infections of other multiple sites
466.0	Acute bronchitis
490	Bronchitis, not specified as acute or chronic
473.0	Chronic sinusitis, maxillary
477.0	Allergic rhinitis, due to pollen
478.1	Other diseases of nasal cavity and sinuses
480.9	Viral pneumonia, unspecified
481	Pneumococcal pneumonia [Streptococcus pneumoniae pneumonia]
482.1	Pneumonia due to Pseudomonas
482.4	Pneumonia due to Staphylococcus
482.83	Pneumonia due to other gram-negative bacteria
482.89	Pneumonia due to other specified bacteria
486	Pneumonia, organism unspecified
485	Bronchopneumonia, organism unspecified
491.20	Obstructive chronic bronchitis without exacerbation

491.21	Obstructive chronic bronchitis with acute exacerbation
493 xx	Asthma
496	Chronic airway obstruction, not elsewhere classified
518.4	Acute edema of lung, unspecified
522.0	Pulpitis
521.0	Dental caries
522.5	Periapical abscess without sinus
523.1	Chronic gingivitis
523.3	Acute periodontitis
523.4	Chronic periodontitis
523.9	Unspecified gingival and periodontal disease
524.4	Malocclusion, unspecified
525.9	Unspecified disorder of the teeth and supporting structures
528.0	Stomatitis
054.2	Herpetic gingivostomatitis
074.0	Herpangina
528.2	Oral aphthae
528.3	Cellulitis and Abscess
528.5	Diseases of lips
528.9	Other and unspecified diseases of the oral soft tissues
530.1	Esophagitis
530.81	Esophageal reflux
531.9	Gastric ulcer; unspecified as acute or chronic, without mention of hemorrhage or perforation
535.1	Atrophic gastritis
535.3	Alcoholic gastritis
553.9	Hernia of unspecified site
558.9	Other and unspecified noninfectious gastroenteritis and colitis
560.1	Paralytic ileus
565.0	Anal fissure
569.3	Hemorrhage of rectum and anus
569.89	Other specified disorders of intestine, other
579.8	Other specified intestinal malabsorption
590.10	Acute pyelonephritis without lesion of renal medullary necrosis
590.80	Pyelonephritis, unspecified
593.9	Unspecified disorder of kidney and ureter
594.2	Calculus in urethra
599.0	Urinary tract infection, site not specified
595.9	Cystitis, unspecified
595.0	Acute cystitis
600.xx	Hyperplasia of prostate
604.90	Orchitis and epididymitis, unspecified
605	Redundant prepuce and phimosis
607.1	Balanoposthitis
607.89	Other specified disorders of penis; Other
608.9	Unspecified disorder of male genital organs
611.71	Mastodynia
614.9	Unspecified inflammatory disease of female pelvic organs and tissues
614.2	Salpingitis and oophoritis not specified as acute, subacute, or chronic
614.3	Acute parametritis and pelvic cellulites
615.9	Unspecified inflammatory disease of uterus
616.0	Cervicitis and endocervicitis
616.10	Vaginitis and vulvovaginitis, unspecified

616.8	Other specified inflammatory diseases of cervix, vagina, and vulv
616.2	Cyst of Bartholin's gland
623.8	Other specified noninflammatory disorders of vagina
625.4	Premenstrual tension syndromes
626.1	Scanty or infrequent menstruation
648.9	Other current conditions in the mother classifiable elsewhere, but complicating pregnancy, childbirth, or the puerperium; Other current conditions classifiable elsewhere
681.00	Cellulitis and abscess, unspecified
682.x	Other cellulitis and abscess
686.9	Unspecified local infection of skin and subcutaneous tissue
684	Impetigo
685.1	Pilonidal cyst; without mention of abscess
685.0	Pilonidal cyst; with abscess
692.71	Sunburn
696.3	Pityriasis rosea
703.0	Ingrowing nail
703.0	Ingrowing nail
704.01	Alopecia areata
704.8	Other specified diseases of hair and hair follicles
706.1	Other acne
706.2	Sebaceous cyst
706.9	Unspecified disease of sebaceous glands
707.0	Decubitus ulcer
707.1	Ulcer of lower limbs, except decubitus
707.9	Chronic ulcer of unspecified site
708.9	Urticaria, unspecified
709.8	Other specified disorders of skin
709.9	Unspecified disorder of skin and subcutaneous tissue
715.9	Osteoarthritis, unspecified whether generalized or localized
716.95	Arthropathy, unspecified; pelvic region and thigh
717.9	Unspecified internal derangement of knee
719.0	Effusion of joint
719.42	Pain in joint
719.47	Pain in joint
719.9	Unspecified disorder of joint
726.5	Enthesopathy of hip region
726.64	Patellar tendonitis
727.43	Ganglion, unspecified
772.9	Unspecified hemorrhage of newborn
780.39	Other convulsions
782.2	Localized superficial swelling, mass, or lump
782.8	Changes in skin texture
783.6	Polyphagia
784.41	Aphonia
785.2	Undiagnosed cardiac murmurs
785.6	Enlargement of lymph nodes
786.51	Precordial pain
787.1	Heartburn
787.2	Dysphagia
787.3	Flatulence, eructation, and gas pain
787.91	Diarrhea
788.1	Dysuria

788.4	Frequency of urination and polyuria
788.41	Urinary frequency
788.42	Polyuria
788.43	Nocturia
789.3	Abdominal or pelvic swelling, mass, or lump
789.30	Abdominal or pelvic swelling, mass, or lump; unspecified site
796.4	Other abnormal clinical findings
802.8	Fracture of face bones; Other facial bones, closed
802.4	Fracture of face bones; Malar and maxillary bones, closed
804.0	Multiple fractures involving skull or face with other bones; closed without mention of intracranial injury
816.12	Fracture of one or more phalanges of hand; open; distal phalanx or phalanges
821.00	Fracture of other and unspecified parts of femur; unspecified part of femur
822.0	Fracture of patella; closed
832.00	Dislocation of elbow; closed dislocation; elbow unspecified
832.09	Dislocation of elbow; closed dislocation; other
833.00	Dislocation of wrist; closed dislocation; wrist, unspecified part
836.2	Dislocation of knee; other tear of cartilage or meniscus of knee, current
836.3	Dislocation of knee; Dislocation of patella, closed
842.09	Sprains and strains of wrist and hand; wrist; other
843.8	Sprains and strains of hip and thigh; other specified sites of hip and thigh
845.19	Sprains and strains of ankle and foot; foot; other
847.2	Sprains and strains of other and unspecified parts of back; lumbar
847.1	Sprains and strains of other and unspecified parts of back; thoracic
848.5	Other and ill-defined sprains and strains; pelvis
848.5	Other specified sites of sprains and strains
870.0	Laceration of skin of eyelid and periocular area
878.2	Open wound of genital organs (external), including traumatic amputation; scrotum and testes, without mention of complication
879.08	Invalid code
881.01	Open wound of elbow, forearm, and wrist; without mention of complication; elbow
895.0	Traumatic amputation of toe(s) (complete) (partial); without mention of complication
894.0	Multiple and unspecified open wound of lower limb; without mention of complication
906.1	Late effect of open wound of extremities without mention of tendon injury
910.5	Superficial injury of face, neck, and scalp except eye; Insect bite, nonvenomous, infected
910.4	Superficial injury of face, neck, and scalp except eye; Insect bite, nonvenomous, without mention of infection
911.4	Insect bite, nonvenomous, without mention of infection
913.5	Superficial injury of elbow, forearm, and wrist; insect bite, nonvenomous, infected
913.4	Superficial injury of elbow, forearm, and wrist; insect bite, nonvenomous, without mention of infection
914.1	Superficial injury of hand(s) except finger(s) alone; abrasion or friction burn, infected
914.0	Superficial injury of hand(s) except finger(s) alone; abrasion or friction burn without mention of infection
914.5	Superficial injury of hand(s) except finger(s) alone; insect bite, nonvenomous, infected
915.5	Superficial injury of finger(s); insect bite, nonvenomous, infected
916.2	Superficial injury of hip, thigh, leg, and ankle; blister without mention of infection
917.5	Superficial injury of foot and toe(s); insect bite, nonvenomous, infected
916.5	Superficial injury of hip, thigh, leg, and ankle; insect bite, nonvenomous, infected
916.4	Superficial injury of hip, thigh, leg, and ankle; insect bite, nonvenomous, without mention of infection
921.1	Contusion of eyelids and periocular area

923.03	Contusion of upper limb; Upper arm
923.21	Contusion of upper limb; wrist
924.10	Contusion of lower limb and of other and unspecified sites; lower leg
930.8	Foreign body on external eye; other and combined sites
935.0	Foreign body in mouth, esophagus, and stomach, mouth
944.01	Burn of wrist(s) and hand(s); unspecified degree; single digit (finger [nail]) other than thumb
944.1	Burn of wrist(s) and hand(s); erythema [first degree]
949.3	Burn, unspecified; full-thickness skin loss [third degree NOS]
959.01	Head injury, unspecified
959.09	Injury of face and neck
959.3	Injury, other and unspecified; elbow, forearm, and wrist
959.2	Injury, other and unspecified; shoulder and upper arm
959.4	Injury, other and unspecified; hand, except finger
962.0	Poisoning by hormones and synthetic substitutes; adrenal cortical steroids
968.9	Poisoning by other central nervous system depressants and anesthetics; other and unspecified local anesthetics
976.0	Poisoning by agents primarily affecting skin and mucous membrane, ophthalmological, otorhinolaryngological, and dental drugs; local anti-infectives and anti-inflammatory dr
983.9	Toxic effect of corrosive aromatics, acids, and caustic alkalis; caustic, unspecified
984.9	Toxic effect of lead and its compounds (including fumes); unspecified lead compound
988.2	Toxic effect of noxious substances eaten as food; berries and other plants
989.4	Toxic effect of other substances, chiefly nonmedicinal as to source; other pesticides, not elsewhere classified
989.5	Toxic effect of other substances, chiefly nonmedicinal as to source; venom
989.8	Toxic effect of other substances, chiefly nonmedicinal as to source; other substances, chiefly nonmedicinal as to source
991.9	Unspecified effect of reduced temperature
994.7	Asphyxiation and strangulation
995.81	Adult physical abuse
996.70	Other complications of internal (biological) (synthetic) prosthetic device, implant, and graft; due to unspecified device, implant, and graft
996.73	Other complications of internal (biological) (synthetic) prosthetic device, implant, and graft; due to renal dialysis device, implant, and graft
997.4	Digestive system complications
997.60	Amputation stump complication; unspecified complication
998.3	Disruption of operation wound
998.83	Non-healing surgical wound
998.89	Other specified complications of procedures, not elsewhere classified; other specified complications

## Care Management of Members

*The average monthly care management rate for members who have had at least three consecutive months of enrollment in one MCP (including members assigned to low, medium, and high risk stratification levels).*

**Numerator:** Sum of the numerators used to calculate the monthly care management rates during the report period.

**Denominator:** Sum of the denominators used to calculate the monthly care management rates during the report period.

**Monthly Care Management Rate:**

**Numerator:** The number of members in care management (*including members assigned to low, medium, and high risk stratification levels*) during the reporting month who were in the denominator.

**Denominator:** The sum of all members statewide who: 1) had at least three months of consecutive enrollment in the MCP; and 3) were enrolled during the reporting month.

***Example***

(Report Period: April - June):

	<u>Members Care Managed</u>	Total Number of Members <u>Enrolled</u>	Monthly CM <u>Rate</u>
July:	50	500	10%
August:	60	510	12%
September:	<u>65</u>	<u>525</u>	<u>12.4%</u>
	175	1,535	11.4%

**Data Source:** CAMS, ODJFS' Recipient Master File

**Report Periods:** January - March, 2009  
April - May, 2009