

Est. Form Completion Time: _____

A PROJECT TO DEVELOP AN OUTCOME-BASED CONTINUOUS
QUALITY IMPROVEMENT SYSTEM AND CORE OUTCOME AND
COMPREHENSIVE ASSESSMENT DATA SET FOR PACE

**DRAFT COCOA DATA SET
UTILIZATION FORM**

Conducted by:
Center for Health Services Research
University of Colorado Health Sciences Center

for:

Department of Health and Human Services
Centers for Medicare & Medicaid Services

Inpatient Utilization

Staff Member Completing Form (Name): _____

Site ID: _____

Month and Year of Service (MM/YY): _____

All inpatient and transitional housing stays which occur any time during the month are to be recorded on this form in the following manner:

1. List all participants in inpatient facilities at the start of the month (information may be transferred from the previous month's form).
2. List all admissions as they occur during the month.
3. When participant is admitted, fill out the participant number, admission date, and type of admission. When participant is discharged, fill out the rest of the information.
4. List each admission separately and use a new line for each inpatient stay. If participant is transferred from one institution to another, use a separate line for each stay.
5. If participant remains in the hospital, nursing home, or transitional housing at the end of the month, place an "*" in the Discharge Date box and enter the stay on the Inpatient Utilization Form for the following month.

| Participant ID | Participant Name (optional) | Admit Type ^a | Admission Date | Discharge Date | Length of Stay ^b | # ICU or CCU Days ^c | Disposition ^d | Primary Discharge Diagnosis ^e | Secondary Discharge Diagnosis ^e | Hospital Admission Reason ^f | Nursing Home Admission Reason ^g | Physician (optional) | Name of Facility (optional) |
|----------------|-----------------------------|-------------------------|----------------|----------------|-----------------------------|--------------------------------|--------------------------|------------------------------------------|--------------------------------------------|----------------------------------------|--------------------------------------------|----------------------|-----------------------------|
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^a **Type of Admission**

- 1 - Acute hospital
- 2 - Nursing home (SNF/ICF)
- 3 - Program transitional housing
- 4 - Rehabilitation unit/facility
- 5 - Psychiatric unit/facility
- 6 - Hospice

^b **Length of Stay, ICU/CCU Days**

To calculate LOS and number of ICU or CCU days, the date of admission to the institution is counted, but the date of discharge is *not* counted.

^c **Number of ICU or CCU days applies to hospital admissions only.**

To calculate number of ICU or CCU days, the date of admission is counted, but the date of discharge is *not* counted.

^d **Disposition Following Discharge**

- 1 - Acute hospital or psychiatric unit/facility
- 2 - Nursing home (SNF/ICF) or rehabilitation unit/facility
- 3 - Home *with* home health nursing or rehab therapy
- 4 - Home *without* home health nursing or rehab therapy
- 5 - Congregate living (group home)
- 6 - Program transitional housing
- 7 - Deceased
- 8 - Other

^e **Record ICD-9 codes** for primary and secondary discharge diagnoses. These are usually available from the hospital discharge summary, hospital medical records department, or physician. A partial list of codes is on the reverse of this form. However, all conditions are not listed and it may be necessary to consult other sources.

^f **Hospital Admission Reason**

- 1 - Emergent (unscheduled)
- 2 - Urgent (scheduled within 24 hours of admission)
- 3 - Elective (scheduled more than 24 hours before admission)
- 9 - Unknown

^g **Nursing Home Admission Reason**

- 1 - Therapy services
- 2 - Respite care
- 3 - Hospice care
- 4 - Permanent placement
- 5 - Unsafe for care at home
- 6 - Other
- 9 - Unknown

LIST OF MEDICAL DIAGNOSIS CODES FOR INPATIENT PLACEMENT RECORDS

NEOPLASTIC DISEASE

(M=malignant, B=Benign)

| M | B | |
|-----|-------|--------------------------|
| 191 | 225 | Brain |
| 174 | 217 | Breast, female |
| 175 | 217 | Breast, male |
| 162 | 212.3 | Lung |
| 151 | 211.1 | Gastric |
| 153 | 211.3 | Colon |
| 154 | 211.4 | Rectal |
| 157 | 211.6 | Pancreatic |
| 179 | 008 | Uterine |
| 180 | 219.0 | Cervical |
| 185 | 222.2 | Prostate |
| 172 | 216 | Skin |
| 239 | | Other neoplastic disease |

ENDOCRINE/METABOLIC

| | | |
|-------|--|-------------------------|
| 250 | | Diabetes mellitus |
| 242.9 | | Hyperthyroidism |
| 244 | | Hypothyroidism |
| 241 | | Thyroid nodule |
| 255 | | Adrenal insufficiency |
| 274 | | Gout |
| 277.9 | | Other metabolic disease |

HEMATOLOGIC

| | | |
|-------|--|---------------------------|
| 280.9 | | Anemia-iron deficiency |
| 281.9 | | Anemia-megaloblastic |
| 281.0 | | Anemia-pernicious |
| 284.9 | | Bone marrow failure |
| 208.9 | | Leukemia |
| 289.8 | | Myelofibrosis |
| 284.8 | | Pancytopenia |
| 289.9 | | Other hematologic disease |

PSYCHIATRIC DISORDERS

| | | |
|-------|--|----------------------------------|
| 311 | | Depression |
| 298.9 | | Psychosis |
| 295 | | Schizophrenia |
| 303.9 | | Alcoholism and related disorders |

NEUROLOGICAL

| | | |
|--------|--|--------------------------------|
| 290.10 | | Dementia of Alzheimer's type |
| 290.40 | | Multi-infarct dementia |
| 293.83 | | Organic brain syndrome |
| 290.0 | | Senile dementia |
| 332.0 | | Parkinson's disease |
| 436 | | Acute cerebrovascular accident |
| 438 | | Old CVA |
| 780.3 | | Seizure disorder |
| 432.1 | | Subdural hematoma |
| 239.6 | | Brain tumor |
| 430 | | Subarachnoid hemorrhage |
| 320 | | Meningitis |
| 348.9 | | Other neurological disease |

EYES, EARS, NOSE, & THROAT

| | | |
|-------|--|--------------|
| 366.1 | | Cataracts |
| 365 | | Glaucoma |
| 362 | | Retinopathy |
| 369 | | Blindness |
| 389 | | Deafness |
| 381 | | Otitis media |
| 472 | | Pharyngitis |

CARDIOVASCULAR

| | | |
|--------|--|-------------------------------------------|
| 410 | | Myocardial infarction |
| 428.0 | | Congestive heart failure |
| 424.90 | | Valvular heart disease |
| 398 | | Rheumatic heart disease |
| 411 | | Arteriosclerotic heart disease |
| 402 | | Hypertensive cardiovasc. disease |
| 425 | | Cardiomyopathy |
| 401 | | Hypertension |
| 401.0 | | Malignant hypertension |
| 427.31 | | Atrial fibrillation |
| 427.41 | | Ventricular arrhythmia |
| 426 | | Heart block (1st or 2nd degree, complete) |
| 427.5 | | Cardiopulmonary arrest |
| 420 | | Pericarditis |
| 443.9 | | Peripheral vascular disease |

RESPIRATORY

| | | |
|-------|--|-----------------------------|
| 493 | | Bronchospasm (asthma) |
| 490 | | Bronchitis |
| 480 | | Pneumonia |
| 511.9 | | Pleural effusion |
| 415 | | Pulmonary embolus |
| 496 | | Chronic obstr. pulmon. dis. |
| 011 | | Tuberculosis |
| 510 | | Empyema |
| 512 | | Pneumothorax |
| 051 | | Pleurisy |

GASTROINTESTINAL

| | | |
|--------|--|-----------------------------|
| 530.1 | | Esophagitis |
| 456.1 | | Esophageal varices |
| 530.3 | | Esophageal stricture |
| 553.3 | | Hiatus hernia |
| 535 | | Gastritis |
| 578 | | Gastrointestinal hemorrhage |
| 531 | | Gastric ulcer |
| 532 | | Duodenal ulcer |
| 537.0 | | Gastric outlet obstruction |
| 560.9 | | Small bowel obstruction |
| 557.1 | | Mesenteric ischemia |
| 556 | | Colitis-ulcerative |
| 001.49 | | Colitis-pseudomembranous |
| 557.9 | | Colitis-ischemic |
| 211.3 | | Colonic polyps |
| 560.2 | | Sigmoid volvulus |
| 560.9 | | Colonic obstruction |
| 564.0 | | Constipation |
| 569.3 | | Rectal bleeding |
| 455 | | Hemorrhoids |
| 070.9 | | Hepatitis |
| 571 | | Cirrhosis |
| 577 | | Pancreatitis |
| 575.0 | | Cholecystitis |
| 576.1 | | Cholangitis |
| 574 | | Cholelithiasis |

GENITOURINARY

| | | |
|--------|--|------------------------------|
| 584 | | Renal failure |
| 585 | | Renal failure, chronic |
| 595.0 | | Urinary tract infection |
| 595.1 | | UTI, chronic |
| 590.0 | | Pyelonephritis |
| 590.1 | | Pyelonephritis, chronic |
| 592.0 | | Renal colic (kidney stone) |
| 602.2 | | Benign prostatic hypertrophy |
| 601.0 | | Prostatitis |
| 601.1 | | Prostatitis, chronic |
| 596.0 | | Bladder outlet obstruction |
| 344.61 | | Neurogenic bladder |
| 599.7 | | Hematuria |
| 621.8 | | Uterine fibroids |
| 616.1 | | Vaginitis |
| 623.8 | | Vaginal bleeding |

DERMATOLOGIC

| | | |
|-----|--|---------------------------|
| 696 | | Psoriasis |
| 681 | | Cellulitis, finger or toe |
| 682 | | Cellulitis, other area |

MUSCULOSKELETAL

| | | |
|--------|--|----------------------|
| 715 | | Osteoarthritis |
| 274.0 | | Gouty arthritis |
| 714.0 | | Rheumatoid arthritis |
| 711.9 | | Infectious arthritis |
| 730.2 | | Osteomyelitis |
| 820 | | Hip fracture |
| 805.8 | | Vertebral fracture |
| 733.00 | | Osteoporosis |

OTHER CONDITIONS

| | | |
|-------|--|-------------------------|
| 276.5 | | Dehydration |
| 038 | | Sepsis |
| 780.6 | | Fever of unknown origin |

These are translations of ICD codes most commonly used for the elderly to the original disease categories.

If the diagnosis is not on this list, it will be necessary to consult other sources for the correct code.