

eAppendix

This analysis used the following approach to identifying people with serious illness, which was adapted from prior approaches. As noted above, some of these analyses only used the first two conditions (on diagnosis and utilization) and some used all three (adding in functional limitations).

1. Serious Medical Condition Requirement

This requirement is met by any of the following 3 subcomponents.

A. Having 1+ of the following severe conditions (identifiable using combinations of CCW codes):

- *Advanced liver disease, or cirrhosis (1 year)*
- *Breast, colorectal, endometrial, lung cancer (1 year)*
- *Chronic Kidney Disease Stage 5 or End Stage Renal Disease (ESRD) (1 year)*
- *Chronic obstructive pulmonary disease (1 year)*
- *Congestive heart failure (2 years)*
- *Diabetes with ischemic heart disease or peripheral vascular disease*
- *Hip fracture (1 year)*
- *Stroke / Transient Ischemic Attack (1 year)*

OR

B. Having 1+ condition in this category (as identified by the ICD codes¹ in the last pages of this document and attached spreadsheet):

- *Cancers with poor prognosis (solid with metastasis, or hematologic) (1 year)*
- *Dementia (2 years)*

OR

C. 3+ chronic conditions (any 3 of the following selected conditions below as defined by the common CCW codes):

- *Alzheimer's Disease CCW or Alzheimer's Disease and Related Disorders or Senile Dementia CCW (2 years)*
- *Acute myocardial infarction (1 year)*
- *Asthma (1 year)*
- *Atrial Fibrillation (1 year)*
- *Chronic Kidney Disease stage 3 or 4 (1 year)*
- *Depression (1 year)*
- *Diabetes (1 year)*
- *Ischemic Heart Disease (2 years)*
- *Osteoporosis (2 years)*
- *Rheumatoid Arthritis (2 years)*
- *Osteoarthritis (2 years)*

¹ This assumes the use of a validated algorithm of these codes to make sure to represent actual cancer diagnosis and not cancer screening. For example, some professional claims often include cancer diagnosis codes for cancer screenings but a validated algorithm would look for these claims paired with additional ICD codes within a certain amount of time or paired with the beginning of treatment.

2. Utilization Requirement

Have one inpatient hospital admission in the past twelve months

3. Functional Limitation Requirement

Having at least one of the following claims-based proxies for functional limitation

- *any Home Health utilization in the previous 12 months*
OR
- *any SNF utilization in the previous 12 months*
OR
- *any DME claim in the previous 12 months for home oxygen OR hospital bed OR wheel chair*