



ADJUSTED CLINICAL GROUP INFORMATION CHECKLIST

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MINISTRY OF HEALTH USE ONLY

Table with 2 columns: File Number, Date Received. Row 2: ISP Appendix

PROJECT TITLE

Empty text box for Project Title

APPLIES TO COHORT(S)

Empty text box for Applies to Cohort(s)

DATE RANGE

From (yyyy/mm/dd)

Empty text box for From date

To (yyyy/mm/dd)

Empty text box for To date

OTHER DATE RANGE CRITERIA

Empty text box for Other Date Range Criteria

ADJUSTED CLINICAL GROUPS INFORMATION

The Adjusted Clinical Groups (ACG) is a system of grouping diagnoses, which classifies people according to the burden of disease that they present during a period of time. It was developed at Johns Hopkins University and its aim is to measure the degree of illness in patient populations, on the basis of comorbidity levels in resource consumption. Along with Hierarchical Coexisting Conditions (HCC) or Clinical Risk Conditions (CRC), they currently constitute one of the possible methodologies for risk adjustment, which can be used to evaluate in a more precise and equitable manner, the financing of government health plans (capitation payment for providing groups) or to assess the efficiency in the utilization of health services.

Succinctly, ACG codes are a method of categorizing patients based on their comorbidity (concurrently occurring conditions or diseases). Each person is assigned a single ACG code based on their set of diagnoses seen within a 12-month period. People assigned the same ACG code are expected to have similar healthcare resource requirements. ACGs are not the same thing as a CMG (in DAD), which is based on complexity for a hospital episode.

Current ACGs are available between FY2000-2001 and FY 2014-2015.

ACG Time Frame (select one – should align with the other data)

- Fiscal Year, Calendar Year

## ADJUSTED CLINICAL GROUPS

| DATA VARIABLE   | DEFINITION  | DATA VARIABLE DATABASE LABEL |
|---|---|------------------------------|
| <input type="checkbox"/> PHN – Replaced by study specific identification number | Personal Health Number  | PHNUM                        |
| <input type="checkbox"/> Age  | Age in Years (as at end of year)  | Age                          |
| <input type="checkbox"/> Gender   | Gender ("F", "M", "U")  | Sex                          |
| <input type="checkbox"/> Adjusted Clinical Group                                | Adjusted Clinical Group assigned by the ACG Grouper. Each patient has one ACG for diagnoses over a given period   | ACG                          |
| <input type="checkbox"/> Resource Utilization Band                              | Resource Utilisation Band. Indicates group (0-5) for expected resource use by the patient in the period.<br>"0" - non-user<br>"1" - healthy user<br>"2" - low morbidity<br>"3" - moderate morbidity<br>"4" - high morbidity<br>"5" - very high morbidity  | RUB                          |
| <input type="checkbox"/> Ambulatory Diagnostic Group                            | 34 characters, each representing an ADG (1-34). Character of '1' represents the corresponding ADG was assigned, '0' means not set.  | ADGs                         |
| <input type="checkbox"/> ADG Count  | Count of the number of ADGs for the patient that are major for the given period. Range: 0-8. This is derived using ADGs and age.  | Major_ADG_Cnt                |
| <input type="checkbox"/> Frailty flag   | "1" indicates patient considered to have a frail condition, "0" otherwise   | Frailty_flag                 |
| <input type="checkbox"/> Local Health Area                                      | Local Health Area (unknown coded as 887)  | LHA                          |
| <input type="checkbox"/> Count of Assigned Chronic Conditions                   | Count of assigned Expanded Diagnosis Cluster (EDCs) within a list of 51 chronic conditions  | chronic_cond_cnt             |
| <input type="checkbox"/> Hospital Dominant Conditions                           | "0" (or Null) indicates no Hospital Dominant Conditions<br>"1" - one type of Hospital Dominant morbidity<br>"2" - two types of Hospital Dominant morbidity<br>"3" - three or more types of Hospital Dominant morbidity  | Hosp_Dom_Cnt                 |
| <input type="checkbox"/> Number of days of coverage in the fiscal year          | Number of days of coverage under R&PB in the fiscal year. For most analysis purposes you will want to use this to restrict to individuals covered for 3/4 of the year (e.g. 273 or 274 days of the year). This rule was previously applied to our ACG datasets automatically - now users should apply a filter to obtain similar results. | PDO                          |
| <input type="checkbox"/> Total Cost Predicted Resource Index                    | Estimated total costs (including pharmacy costs) for the patient in the 12 month period following that for which the grouper was run. Expressed as a ratio where 1.0 indicates the average. Based on US reference database.   | tot_pred_resource_index      |
| <input type="checkbox"/> Probability for high total costs                       | Probability that the patient will have high total costs (including pharmacy costs) in the 12 month period following that for which the grouper was run.<br>Range: 0.0 - 1.0   | Prob_High_Tot_cohort         |

## EXPANDED DIAGNOSIS CLUSTER INFORMATION

Part of the Johns Hopkins diagnosis grouping and case-mix tools, this classification tool categorizes ICD-9-CM diagnosis codes found in claims into 190 disease-specific clinical categories (EDCs or Dino-Clusters). These can then be used to identify persons with specific diseases or symptoms without the need to create algorithms. The 190 EDCs are organized into 27 categories called Major Expanded Diagnosis Clusters (MEDCs).

| DATA VARIABLE   | DEFINITION  | DATA VARIABLE DATABASE LABEL |
|---|---|------------------------------|
| <input type="checkbox"/> PHN – Replaced by study specific identification number | Personal Health Number                                    | PHNUM                        |
| <input type="checkbox"/> Expanded Diagnosis Cluster                             | Expanded Diagnosis Cluster, five characters, e.g. "CAR05" | EDC                          |