



3M™ All Patient Refined Diagnosis Related Groups (APR DRG)

Summary of Changes

for ICD-10-CM/PCS

version 40.0

This product contains material and information that is confidential and proprietary to 3M and its licensors. The use of this product is governed by a license agreement. Except as explicitly permitted in the license agreement or permitted in writing by 3M, no part of this product shall be: (i) reproduced, in whole or in part, by any electronic or mechanical means, (ii) disclosed or otherwise made available to, or accessible by, any third party (iii) sublicensed, leased, lent, or transferred to any third party, (iv) used for the benefit of any party other than the licensee, (v) disassembled, decrypted, decompiled, reverse-engineered, or (vi) used to create derivative works. This product includes commercial technical data and/or computer databases and/or commercial computer software and/or commercial computer software documentation, as applicable, which were developed exclusively at private expense by 3M, its subsidiaries, affiliates and licensors. Applicable FAR/DFARS restrictions, and associated license terms, apply to US Government use. 3M HIS can be contacted at 575 West Murray Boulevard, Murray, UT 84123. It is the policy of 3M Health Information Systems to improve products as new technology and software become available. Because of this, 3M HIS reserves the right to make changes in the specifications and materials contained herein without notice. All features, functions, and operations described herein may not be available in all locations. Consult your 3M HIS representative for the latest information. The example companies, organizations, people, addresses, places and events depicted in this document are fictitious and are included solely for the purposes of illustration. Any association with any real enrollee, company, organization, person, address place or event is unintended and should not be inferred. 3M complies with all applicable federal and state laws and regulations pertaining to patient privacy.

Incorporating the International Statistical Classification of Diseases and Related Health Problems - Tenth Revision (ICD-10), Copyright World Health Organization, Geneva, Switzerland, 1992-2010.

If this product includes CPT® or CPT® Assistant, the following notices are applicable. CPT © 2021 American Medical Association. All rights reserved. CPT is a registered trademark of the American Medical Association. This product includes CPT and/or CPT Assistant which is commercial technical data and/or computer databases and/or commercial computer software and/or commercial computer software documentation, as applicable which were developed exclusively at private expense by the American Medical Association, 330 N. Wabash, Suite 39300, Chicago, IL 60611-5885. The responsibility for the content of any "National Correct Coding Policy" included in this product is with the Centers for Medicare & Medicaid Services and no endorsement by the AMA is intended or should be implied. The AMA disclaims responsibility for any consequences or liability attributable to or related to any use, nonuse or interpretation of information contained in this product. U.S. Government rights to use, modify, reproduce, release, perform, display, or disclose these technical data and/or computer data bases and/or computer software and/or computer software documentation are subject to the limited rights restrictions of DFARS 252.227-7015(b)(2) (June 1995) and/or subject to the restrictions of DFARS 227.7202-1(a) (June 1995) and DFARS 227.7202-3(a) (June 1995), as applicable for U.S. Department of Defense procurements and the limited rights restrictions of FAR 52.277014 (June 1987) and/or subject to the restricted rights provisions of FAR 52.22714 (June 1987) and FAR 52.227-19 (June 1987), as applicable, and any applicable agency FAR Supplements, for non-Department of Defense Federal procurements. Fee schedules, relative value units, conversion factors and/or related components are not assigned by the AMA, are not part of CPT, and the AMA is not recommending their use. The AMA does not directly or indirectly practice medicine or dispense medical services. The AMA assumes no liability for data contained or not contained herein.

If this product includes UB-04 information: Copyright 2022, American Hospital Association ("AHA"), Chicago, Illinois. Reproduced with permission. No portion of this publication may be reproduced, sorted in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior express, written consent of AHA.

3M, 360 Encompass, APCfinder, ChartFact, ChartFax, ChartID, ChartLocator, ChartRelease, ChartReserve, ChartScan, ChartScript, ChartScriptMD, ChartView, ClinTrac, Codefinder, DisclosureTrac, DRG Assurance, DRGfinder, RAAS DL, and VoiceScript are trademarks of 3M Company.

Adobe, Acrobat, and Reader are registered trademarks of Adobe Systems Incorporated in the United States and/or other countries. Microsoft, Windows, Windows NT, Windows Vista, ActiveX, Visual Studio, MS-DOS, Microsoft Word, Word, and Internet Explorer are either trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. z/OS is a registered trademark of IBM Corporation in the United States and/or other countries. UNIX is a registered trademark of The Open Group. WinZip is a registered trademark of WinZip International LLC. Crystal Reports is a registered trademark of SAP. All rights reserved. Comprehensive Ambulatory Care Classification System, CACS, Case Mix Groups, CMG, Resource Intensive Weights, and RIW are trademarks of Canadian Institute for Health Information (CIHI). Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other products and services that are referred to in this document are or may be trademarks of their respective owners.

3M™ APR DRG Summary of Changes

This document identifies changes for the 3M™ All Patient Refined Diagnosis Related Groups (APR DRG) Classification System v40.0, effective October 1, 2022.

Each year, 3M revises the APR DRG grouping logic for two reasons:

- To accommodate changes in code sets used by the hospital industry, most importantly the International Classification of Diseases, Version 10, Clinical Modification (ICD-10-CM) and the International Classification of Diseases, Version 10, Procedure Coding System (ICD-10-PCS). The U.S. Department of Health and Human Services updates the ICD-10-CM and ICD-10-PCS code sets effective October 1 of each year.
- 3M continually performs research to enhance the clinical precision of the APR DRG logic, that is, how each inpatient is assigned to a single base APR DRG, severity of illness (SOI), and risk of mortality (ROM) based on his or her diagnoses, major procedures, and other clinical data.

Table 1. Comparison of ICD-10-CM diagnosis codes

	Effective 10/01/2021	Effective 10/01/2022
Total ICD-10-CM diagnosis codes	72,750	73,639
Number of new diagnosis codes	159 + 6 diagnoses effective 04/01/2021	1,176
Number of deleted diagnosis codes	32 + 1 diagnosis effective 04/01/2021	287
Number of revised diagnosis codes	22	28

Table 2. Comparison of ICD-10-PCS procedure codes

	Effective 10/01/2021	Effective 10/01/2022
Total ICD-10-PCS procedure codes	78,229	78,496
Number of new procedure codes	200	331
Number of deleted procedure codes	107	64
Number of revised procedure codes	62	0

Table 3. Comparison of APR DRG v39.0 and v40.0

	v39.0 effective 10/01/2021	v40.0 effective 10/01/2022
Number of base APR DRGs	332	333
New base APR DRGs	0	1
Deleted base APR DRGs	0	0
Revised base APR DRGs	0	1
Severity of illness levels per base APR DRG	4	4
Risk of mortality levels per base APR DRG	4	4
Error APR DRGs	2	2
Total APR DRGs	1,330	1,334
Total Major Diagnostic Categories (MDCs)	25	25
Procedures changing status from OR to non-OR	168	13
Procedures changing status from non-OR to OR	9	4

With regard to updating the clinical logic, changes have been made to improve the precision of the grouping logic, taking into account recommendations, the shift in coding to ICD-10-CM and ICD-10-PCS, and changes in practice, such as many procedures being performed percutaneously versus an open approach.

Almost all APR DRGs can be aggregated into 25 Major Diagnostic Categories (MDCs), such as Diseases and disorders of the respiratory system. As well, nine base APR DRGs are considered "pre-MDC" while three base APR DRGs (APR DRGs 950-952 Procedures unrelated to principal diagnosis) and two error APR DRGs are not assigned to an MDC.

As summarized in table 3 above, highlights of the changes in the clinical logic are listed below in the following bullets. More detailed information about changes in base APR DRGs, severity of illness (SOI), and risk of mortality (ROM) is provided later in this document.

- Chimeric antigen receptor T-cell (CAR-T) procedures were moved from DRG 08 (Autologous bone marrow transplants) to new DRG 11 (Chimeric antigen receptor (CAR) T-cell and other immunotherapies).
- The logic for birthweight and gestational age conflicts was modified to exclude multiple birth babies.
- A new flag has been created for surgical mortality. The primary intent of mortality measurement is to provide hospitals the incentive and the information to improve mortality performance through quality improvement initiatives. To be effective for quality improvement, the measure of mortality should be limited to patients for whom a hospital is reasonably responsible for the patient outcome and thereby amenable to quality improvement efforts.

This measure included extensive exclusions for patients for whom a hospital was not considered reasonably responsible for the patient outcome, such as patients who left against medical advice, had a secondary diagnosis code of do not resuscitate (poa) or were in critical condition at the time of admission.

The intent of mortality measurement is to provide hospitals the incentive and the information needed to improve mortality performance with reports utilizing the Surgical Mortality Flags.

- There were 13 procedure codes moved from OR to non-OR status.
- There were four procedure codes moved from non-OR to OR status.

APR DRG v40.0 will be accompanied by updates of the Methodology Overview, the Definitions Manual, this Summary of Changes document, and the Weights and Trims with Code Descriptions spreadsheet.

DRG and MDC changes

For APR DRG v40.0, there was one APR DRG added, no deleted APR DRGs, and one revised APR DRG description.

New DRGs

There was one new DRG:

DRG	Description
011	Chimeric antigen receptor (CAR) T-cell and other immunotherapies

Deleted DRGs

There were no deleted DRGs.

Revised DRGs

There was one DRG description change:

DRG	Previous Description	Revised Description
008	Autologous bone marrow transplant or T-cell immunotherapy	Autologous bone marrow transplant

Pre-MDC

DRG 004 Tracheostomy with MV >96 hours with extensive procedure

The following procedure codes were added to DRG 004 Tracheostomy with MV >96 hours with extensive procedure and changed to OR procedures:

Code	Description
0J9R00Z	Drainage of Left Foot Subcutaneous Tissue and Fascia with Drainage Device, Open Approach
0J9Q00Z	Drainage of Right Foot Subcutaneous Tissue and Fascia with Drainage Device, Open Approach

The following procedure codes were removed from DRG 004 Tracheostomy with MV >96 hours with extensive procedure and changed to non-OR procedures: