



Impact of Fiscal Year Coding Updates, v2021

Prepared for:

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Overview

The Agency for Healthcare Research and Quality (AHRQ) Quality Indicators™ (QIs) were developed specifically to meet short-term needs for information on healthcare quality using standardized, user-friendly methods and existing sources of administrative data. AHRQ QI measures have been developed over time with input from numerous teams of clinical and technical experts in collaboration with AHRQ. The AHRQ QIs are updated on a regular basis, incorporating new research evidence, empirical analyses, user feedback, guidance from the National Quality Forum (NQF), and general advances in the science of quality measurement.

The AHRQ QIs are organized around four collections (modules) of indicators: Prevention Quality Indicators (PQIs), Inpatient Quality Indicators (IQIs), Patient Safety Indicators (PSIs), and Pediatric Quality Indicators (PDIs). These modules include area-level indicators which measure ambulatory care sensitive conditions, and hospital-level indicators which measure the outcomes of hospital care.

Update Process

Annual fiscal year (FY) *International Classification of Diseases, 10th Revision, Clinical Modification/ Procedure Coding System (ICD-10-CM/PCS)* coding revisions require updates to a subset of the setnames used to specify the QIs in the AHRQ QI software. For v2021, the FY coding updates reflect ICD-10-CM/PCS coding changes implemented in the Centers for Medicare and Medicaid Services (CMS) FY 2021 Inpatient Prospective Payment System (IPPS) Final Rule. Through clinical and coding expert review of the IPPS Final Rule, we determined whether the concepts captured in the coding changes were applicable to the setnames used to specify the QIs.

Through the FY update process, the following actions are made to the codes within each setname:

1. Added (new updates)
2. Revised (commonly, change in code description)
3. Removed (remove/delete code from list)
4. Retained for backwards compatibility and set to expire after a 7-year support window.

Version 2021 Updates

Setnames with updated ICD-10 diagnosis and procedure codes were collated and implemented in v2021 AHRQ QI software. Table 1 provides a summary of the 34 setnames with FY 2021 coding updates and the number of codes associated with each action listed above. Across modules, 41 QIs were affected by one or more of the 34 setnames with FY coding updates. However, there is no impact on QI numerators, denominators, or rate calculations in the reference population because FY 2021 coding updates are not present in the calendar year 2018 data.

Table 1. Summary of Fiscal Year 2021 Setname Updates

	SETNAME	DESCRIPTION	NOTES	IMPACTED INDICATOR
1	ABDOMI15P	Abdominopelvic surgery, procedure codes	195 codes added, 39 codes removed	PSI 15

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	SETNAME	DESCRIPTION	NOTES	IMPACTED INDICATOR
2	ABDOMIPOPEN	Abdominopelvic surgery, open approach, procedure codes	56 codes added, 2 codes removed	PSI 14
3	ABDOMIPOTHER	Abdominopelvic surgery, other approach, procedure codes	139 codes added, 5 codes removed	PSI 14
4	ACSBA2D	Sickle cell anemia or HB-S disease diagnosis codes	18 codes added	PQI 11
5	ALCHLSM	Alcoholism diagnosis codes	8 codes added	PSI 04
6	CANCEID	Cancer diagnosis codes	105 codes removed	PSI 02, PSI 07
7	CANITD	Cancer diagnosis codes without leukemia/lymphoma	31 codes added	PDI 12
8	CARDSIP	Potentially trans-pleural cardiac procedures	63 codes added, 7 codes removed	PSI 06, PDI 05
9	COAGDID	Coagulation disorders diagnosis codes	2 codes added	PSI 09, PDI 08
10	DRG1C	MS-DRG codes for surgical class 1	5 codes added, 6 codes removed	PDI 10
11	DRG2C	MS-DRG codes for surgical class 2	5 codes added, 1 code removed	PDI 10
12	DRG3C	MS-DRG codes for surgical class 3	2 codes added	PDI 10
13	DRG9C	MS-DRG codes for surgical class 9	1 code added	PDI 10
14	DRGF2T	MS-DRG to Modified DRG	23 codes added	PSI 02, PDI 10
15	FTR3EXB	Viral pneumonia or influenza diagnosis codes	1 code added	PSI 04
16	FTR6DX	Gastrointestinal hemorrhage or acute ulcer diagnosis codes	3 codes added	PSI 04
17	FTR6QD	Qualifying diagnoses associated with a diagnosis of esophageal varices with bleeding	3 codes added	PSI 04, IQI 18
18	GASTRID	Gastrointestinal hemorrhage diagnosis codes for PSI 04	14 codes added	PSI 04
19	HEMOTH2P	Control of hemorrhage and evacuation of hematoma procedures	8 codes added	PSI 09, PDI 08
20	HEPFA2D	Cirrhosis diagnosis codes	1 code removed	PDI 10, PDI 12, PDI 18

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	SETNAME	DESCRIPTION	NOTES	IMPACTED INDICATOR
21	IMMUITD	Intermediate-risk immunocompromised state diagnosis codes	12 codes added	PDI 10, PDI 12, PDI 18
22	IMMUNHD	High-risk immunocompromised state diagnosis codes	59 codes added, 28 codes removed	PDI 10, PDI 12, PDI 18
23	IMMUNID	Immunocompromised state diagnosis codes	4 codes added, 5 codes removed	PSI 02, PSI 07, PSI 14, PQI 11, PQI 12
24	IMMUNIP	Immunocompromised state procedure codes	10 codes added, 9 codes removed	PSI 02, PSI 07, PSI 14, PQI 11, PQI 12
25	INFECID	Infection diagnosis codes	145 codes added	PSI 04, PSI 13, PDI 10
26	MDCF2T	MS-DRG TO MDC	12 codes added	PDI 01, PDI 09, IQI 08, IQI 09, IQI 11, IQI 12, IQI 15, IQI 16, IQI 17, IQI 18, IQI 19, IQI 20, IQI 30, IQI 31, PQI 16, PSI 03, PSI 04, PSI 06, PSI 08, PSI 09, PSI 10, PSI 11, PSI 12, PSI 13, PSI 14, PSI 15, PSI 19
27	MEDIC2R	Medical discharge MS-DRGs	4 codes added	PDI 01, PDI 05, PDI 12, PSI 03, PSI 05, PSI 06, PSI 07, PSI 08, PSI 15
28	MRTGIHD	Gastrointestinal hemorrhage diagnosis codes for IQI 18	3 codes added	IQI 18
29	NEUROMD	Neuromuscular disorders diagnosis codes	5 codes added	PSI 11, PDI 09
30	ORPROC	Operating room procedure codes	208 codes added	PSI 04, PSI 09, PSI 10, PSI 11, PSI 12, PSI 13, NQI 03, PDI 08, PDI 09, PDI 10
31	PRVBACD	Previous Cesarean delivery diagnosis codes	2 codes added	IQI 22, IQI 33, IQI 34
32	SPINEP	Spine surgery procedure codes	2 codes added	PDI 01

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	SETNAME	DESCRIPTION	NOTES	IMPACTED INDICATOR
33	SURGI2R	Surgical discharge MS-DRGs	11 codes added, 3 code removed	PSI 03, PSI 04, PSI 05, PSI 06, PSI 07, PSI 08, PSI 09, PSI 10, PSI 11, PSI 12, PSI 13, PSI 15, PDI 01, PDI 05, PDI 08, PDI 09, PDI 10, PDI 12
34	THORAIP	Thoracic surgery procedure codes	9 codes added, 4 codes removed	PSI 06, PDI 05