Impact of Fiscal Year Coding Updates, v2022

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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 code lists used to specify the QIs in the AHRQ QI software. For v2022, the FY coding updates reflect ICD-10-CM/PCS coding changes implemented in the Centers for Medicare and Medicaid Services FY 2022 IPPS Final Rule. Through clinical and coding expert review of the Final Rule, AHRQ determined whether the concepts captured in the coding changes were applicable to the code lists used to specify the QIs.

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

1. Added (new updates)
2. Revised (commonly, change in code description)
3. Removed (remove/delete code from list)
4. Retained for backwards compatibility

Version 2022 Updates

Code lists with updated ICD-10 diagnosis and procedure codes were collated and implemented in v2022 AHRQ QI software. Table 1 provides a summary of the 24 code lists with FY 2022 coding updates and the number of codes associated with each action listed above. Across modules, 25 QIs were affected by one or more of the 24 code lists with FY coding updates. However, there is no impact on QI numerators, denominators, or rate calculations in the 2019 reference population because FY 2022 coding updates are not present in the data year.

Table 1. Summary of Fiscal Year 2022 Code list Updates

	CODE LIST	DESCRIPTION	NOTES	IMPACTED INDICATOR
1	ABDOMI15P	Abdominopelvic surgery, procedure codes	Codes added – 12	PSI 15

	CODE LIST	DESCRIPTION	NOTES	IMPACTED INDICATOR
2	ABDOMIPOPEN	Abdominopelvic surgery, open approach, procedure codes	Codes added – 3	PSI 14
3	ABDOMIPOTHER	Abdominopelvic surgery, other than open approach, procedure codes	Codes added – 3; Codes removed – 2508	PSI 14
4	ACSCARP	Cardiac procedure codes	Codes added – 274; Codes retained for backward compatibility – 4; Codes removed – 136	PQI 07, PQI 08
5	CANCEID	Cancer diagnosis codes	Codes added – 3	PSI 02, PSI 07
6	CANITD	Cancer diagnosis codes without leukemia/lymphoma	Codes added – 2	PDI 12
7	CARDSIP	Potentially trans-pleural cardiac procedures	Codes added – 355	PDI 05, PSI 06
8	DIALY2P	Dialysis access procedure codes	Codes added – 4	PQI 07, PSI 10
9	DRGF2T	MS-DRG to Modified DRG	Codes revised – 2	PDI 10, PSI 02
10	FTR5PR	Shock or cardiac (resuscitation) procedure codes	Codes added – 1	PSI 04
11	HEMOTH2P	Control of hemorrhage and evacuation of hematoma procedures	Codes added – 12	PDI 08, PSI 09
12	IMMUITD	Intermediate-risk immunocompromised state diagnosis codes	Codes added – 7	PDI 10, PDI 12, PDI 18
13	IMMUNHD	High-risk immunocompromised state diagnosis codes	Codes added – 1	PDI 10, PDI 12, PDI 18
14	IMMUNIP	Immunocompromised state procedure codes	Codes added – 12; Codes retained for backward compatibility – 38; Codes removed – 5	PQI 11, PQI 12, PSI 02, PSI 07
15	INFECID	Infection diagnosis codes	Codes added – 5	PDI 10, PSI 04, PSI 13
16	NEURTRAD	Acute brain or spinal injury diagnosis codes	Codes added – 62	PSI 12
17	NUCRANP	Laryngeal, pharyngeal, nose, mouth and pharynx surgery procedure codes	Codes added – 2	PDI 09, PSI 11

	CODE LIST	DESCRIPTION	NOTES	IMPACTED INDICATOR
18	ORPROC	Operating room procedure codes	Codes added – 1538; Codes retained for backward compatibility – 6; Codes removed – 31	NQI 03, PDI 08, PDI 09, PDI 10, PSI 04, PSI 09, PSI 10, PSI 11, PSI 12, PSI 13
19	PNEUMD	Pneumonia diagnosis codes	Codes added – 1	IQI 20
20	SPINEP	Spine surgery procedure codes	Codes added – 20	PDI 01
21	THROMP	Selected thrombectomy procedure codes	Codes added – 10	PSI 12
22	TRANSPP	High-risk immunocompromised state procedure codes	Codes retained for backward compatibility - 32	PDI 10, PDI 12, PDI 18
23	TRAUMID	Trauma diagnosis codes	Codes added – 2	PSI 02, PSI 04
24	PRCLASS	Procedure Classes Refined for ICD-10-PCS*	Codes added – 233; Codes revised – 1446 Codes removed - 3	PDI 01

Agency for Healthcare Research and Quality. Procedure Classes Refined for ICD-10-PCS. Healthcare Cost and Utilization

Project (HCUP). March 2022. https://www.hcup-us.ahrq.gov/toolssoftware/procedureicd10/procedure_icd10.jsp.