

## Provider Data Catalog: Doctors and Clinicians Data Dictionary

### Performance Year 2021

This data dictionary describes the eight Doctors and Clinicians downloadable data files available in the Provider Data Catalog (PDC) for performance year (PY) 2021 of the Quality Payment Program and calendar year 2020 for the utilization data. The data files include:

- Demographic data describing individual doctors and clinicians (one file);
- Facility affiliations data (one file);
- Clinician, group, and virtual group Merit-based Incentive Payment System (MIPS) performance information (four files);
- Clinician overall MIPS Final Score and performance category score information (one file); and
- Clinician utilization data (one file).

#### Table of Contents

##### [National Downloadable File](#) (*DAC\_NationalDownloadableFile.csv*)

The Doctors and Clinicians national downloadable file is organized such that each line is unique at the clinician/enrollment record/group/address level. Clinicians with multiple Medicare enrollment records and/or single enrollments linking to multiple practice locations are listed on multiple lines.

##### [Facility Affiliation Data](#) (*Facility\_Affiliation.csv*)

This is the facility affiliations data publicly reported in the Provider Data Catalog.

##### [PY 2021 Clinician Public Reporting: MIPS Measures and Attestations](#) (*ec\_public\_reporting.csv*)

This file contains performance information for Merit-Based Incentive Payment System (MIPS) Quality, Promoting Interoperability, and Improvement Activities performance information submitted by clinicians.

##### [PY 2021 Clinician Public Reporting: Overall MIPS Performance](#) (*ec\_score\_file.csv*)

This file contains Merit-Based Incentive Payment System (MIPS) Final Scores and performance category scores for clinicians. For further details on 2021 MIPS scoring, see the [2021 Traditional MIPS Scoring Guide](#).

[PY 2021 Group Public Reporting: MIPS Measures and Attestations](#) (*grp\_public\_reporting.csv*)

This file contains performance information for Merit-Based Incentive Payment System (MIPS) Quality, Promoting Interoperability, and Improvement Activities performance information submitted by groups.

[PY 2021 Group Public Reporting: Patient Experience](#) (*grp\_public\_reporting\_cahps.csv*)

This file contains performance information for the Consumer Assessment of Healthcare Providers and Systems (CAHPS) for MIPS measures submitted by groups.

[PY 2021 Virtual Group Public Reporting: MIPS Measures and Attestations](#) (*vg\_public\_reporting.csv*)

This file contains performance information for Merit-Based Incentive Payment System (MIPS) Quality, Promoting Interoperability, and Improvement Activities performance information submitted by virtual groups.

[2020 Clinician Utilization Data](#) (*ClinicianUtilization\_2020.csv*)

This is the clinician utilization data publicly reported in the Provider Data Catalog. This is a subset of the 2020 [Medicare Provider Utilization and Payment Data: Physician and Other Supplier](#) data, listed as Healthcare Common Procedure Coding System (HCPCS) codes.

[Additional Information](#)

This page provides reasons why the downloadable files may not exactly match the information as displayed on Medicare Care Compare profile pages.

## Doctors and Clinicians National Downloadable File

The Doctors and Clinicians national downloadable file is organized at the individual clinician level; each line is unique at the clinician-enrollment record-group-address (NPI-Ind\_enrl\_ID-Org\_PAC\_ID-adrs\_id) level. Clinicians with multiple Medicare enrollment records and/or single enrollments linking to multiple practice locations are listed on multiple lines.

Variable Name	Variable Label	Description	Length	Values
<b>Professional Identification</b>				
NPI	NPI	Unique clinician ID assigned by NPPES	10	string
Ind_PAC_ID	PAC ID	Unique individual clinician ID assigned by PECOS	10	string
Ind_enrl_ID	Clinician Enrollment ID	Unique ID for the clinician enrollment that is the source for the data in the observation	15	string
Provider Last Name	Provider Last Name	Individual clinician last name	35	string
Provider First Name	Provider First Name	Individual clinician first name	25	string
Provider Middle Name	Provider Middle Name	Individual clinician middle name	25	string
suff	Suffix	Individual clinician suffix	10	string
gnr	Gender	Individual clinician gender	1	M/F/U
<b>Medical Credentials</b>				
Cred	Credential	Medical credential such as MD, DO, DPM, etc.	3	string
Med_sch	Medical school name	Individual clinician's medical school	100	string
Grd_yr	Graduation year	Individual clinician's medical school graduation year	4	numeric
Pri_spec	Primary specialty	Primary medical specialty reported by the individual clinician in the selected enrollment	60	string
Sec_spec_1	Secondary specialty 1	First secondary medical specialty reported by the individual clinician in the selected enrollment	60	string
Sec_spec_2	Secondary specialty 2	Second secondary medical specialty reported by the individual clinician in the selected enrollment	60	string

Variable Name	Variable Label	Description	Length	Values
Sec_spec_3	Secondary specialty 3	Third secondary medical specialty reported by the individual clinician in the selected enrollment	60	string
Sec_spec_4	Secondary specialty 4	Fourth secondary medical specialty reported by the individual clinician in the selected enrollment	60	string
Sec_spec_all	All secondary specialties	All secondary medical specialty reported by the individual clinician in the selected enrollment	200	string
<b>Medical Practice</b>				
Telehlth	Telehealth	Indicator for whether clinician offers telehealth services over video and/or audio Y = Medicare fee-for-service claims indicate that clinician offers telehealth services	1	Y
Facility Name	Facility Name	Legal organization name of the group practice that the individual clinician works with – will be blank if the address is not linked to a group	70	string
Org_PAC_ID	Group PAC ID	Unique group ID assigned by PECOS to the group that the individual clinician works with – will be blank if the address is not linked to a group	10	string
num_org_mem	Number of group members	Total number of individual clinicians affiliated with the group based on Group Practice PAC ID	8	numeric
adr_in_1	Line 1 Street Address	Group or individual's line 1 address	55	string
adr_in_2	Line 2 Street Address	Group or individual's line 2 address	55	string
In_2_sprs	Marker of address line 2 suppression	Marker that the address as reported may be incomplete	1	Y
City/Town	City/Town	Group or individual's city	30	string
State	State	Group or individual's state	2	string
ZIP Code	ZIP Code	Group or individual's ZIP code (9 digits when available)	15	string
Telephone Number	Telephone Number	Phone number is listed only when there is a single phone number available for the address	20	string
<b>Medicare Assignment</b>				

Variable Name	Variable Label	Description	Length	Values
ind_assgn	Clinician accepts Medicare Assignment	Indicator for whether clinician accepts Medicare approved amount as payment in full Y = Clinician accepts Medicare approved amount as payment in full M = Clinician may accept Medicare Assignment	1	Y/M
grp_assgn	Group accepts Medicare Assignment	Indicator for whether group accepts Medicare approved amount as payment in full Y = Group accepts Medicare approved amount as payment in full M = Group may accept Medicare Assignment	1	Y/M
<b>Reference</b>				
adrs_id	Address ID	Unique identifier for the practice location; offices within the same building, but varied by suite or floor, will have the same Address ID aside from the final two characters	25	string

## Doctors and Clinicians Facility Affiliations

This is the facility affiliations data publicly reported in the Provider Data Catalog.

Variable Name	Variable Label	Description	Length	Values
NPI	NPI	Unique clinician ID assigned by NPPES	10	string
Ind_PAC_ID	PAC ID	Unique individual clinician ID assigned by PECOS	10	string
Provider Last Name	Provider Last Name	Individual clinician last name	35	string
Provider First Name	Provider First Name	Individual clinician first name	25	string
Provider Middle Name	Provider Middle Name	Individual clinician middle name	25	string
suff	Suffix	Individual clinician suffix	10	string
facility_type	Facility Type	Facilities can fall into the following type categories: Hospitals Long-term Care Hospital Nursing Home Inpatient Rehabilitation Facility Home Health Agency Hospice Dialysis Facility	40	string
Facility Affiliations Certification Number	Facility Affiliations Certification Number	Medicare CCN of facility type or unit within hospital where an individual clinician provides service	6	string
Facility Type Certification Number	Facility Type Certification Number	The Medicare CCN of the primary hospital where individual clinician provides service, should the clinician provide services in a unit within the hospital	6	string

## Doctors and Clinicians Quality Payment Program PY 2021 Clinician Public Reporting: MIPS Measures and Attestations

*PY 2021 Merit-based Incentive Payment System (MIPS) performance information submitted by clinicians*

Each line is unique at the clinician-measure (NPI-measure\_cd) level. Performance information is listed in the downloadable file using technical titles. To make information more understandable to users, Care Compare profile pages use plain language. A crosswalk showing both technical titles and plain language titles and descriptions can be found on the [Doctors and Clinicians Initiative page](#). More clinician performance information is reported in the Provider Data Catalog (PDC) than on the Care Compare profile pages (see [Additional Information](#)).

Variable Name	Variable Label	Description	Length	Values
NPI	NPI	Unique clinician ID assigned by NPPES	10	string
Ind_PAC_ID	PAC ID	Unique individual clinician ID assigned by PECOS	10	string
Provider Last Name	Provider Last Name	Individual clinician last name	35	string
Provider First Name	Provider First Name	Individual clinician first name	25	string
APM_affl_1	APM Affiliation 1	Name of the Alternative Payment Model (APM) in which the individual eligible clinician participates	6	string
APM_affl_2	APM Affiliation 2	Name of the Alternative Payment Model (APM) in which the individual eligible clinician participates	6	string
APM_affl_3	APM Affiliation 3	Name of the Alternative Payment Model (APM) in which the individual eligible clinician participates	6	string
measure_cd	Measure Code	Components of measure code: [program]_[reporting entity]_[measure number]_[stratum] where program is defined as MIPS, QCDR, PI, or IA; reporting entity is indicated as EC for individual eligible clinician; measure number denotes the measure number or string identifier; and stratum indicates whether it is an overall rate or a single stratum	50	string
measure_title	Measure or Attestation Title	Measure or attestation title	481	string

Variable Name	Variable Label	Description	Length	Values
invs_msr	Inverse Measure	Indicator for whether a measure is an inverse measure	10	Y/N
attestation_value	Attestation Value	Attestation value	50	Y/N
prf_rate	Measure Performance Rate	Measure performance rate	8	numeric
patient_count	Denominator Count	Number of patients included in the measure denominator	8	numeric
star_value	Star Value	Star rating, assigned based on performance at the measure, stratum, collection type, and entity type level	8	numeric
five_star_benchmark	Five Star Benchmark	The established ABC™ benchmark used to assign a five-star rating for a given measure and collection type	8	numeric
collection_type	Collection Type	Collection types are defined as ATT for Web Attestation, CLM for Claims, EHR for Electronic Health Record, QCDR for Qualified Clinical Data Registry, and REG for Qualified Registry  Note: Collection type is not published for PI and IA attestations	20	string
CCXP_ind	Reported on DAC profiles	Indicator for whether the measure/attestation is reported on Care Compare profile pages (i.e., measures with an N value are only available in the PDC)	50	Y/N



## Doctors and Clinicians Quality Payment Program PY 2021 Clinician Public Reporting: Overall MIPS Performance

### *PY 2021 Merit-based Incentive Payment System (MIPS) Overall Clinician Performance*

Each line is unique at the clinician-group (NPI-Org\_PAC\_ID) level. Final scores and performance category scores (Quality, Promoting Interoperability, Improvement Activities, and Cost) are publicly reported for clinicians participating in the Merit-based Incentive Payment System (MIPS). More information regarding scoring can be found on the [Traditional MIPS Scoring Guide for the 2021 Performance Year](#).

Individual clinician MIPS Final Scores and performance category scores are listed in the Provider Data Catalog as required by law. Final Scores and performance category scores are not currently reported on Care Compare profile pages.

Variable Name	Variable Label	Description	Length	Values
NPI	NPI	Unique clinician ID assigned by NPPES	10	string
Org_PAC_ID	Organization PAC ID	Unique group ID assigned by PECOS to the group this individual participated in	10	string
Provider Last Name	Provider Last Name	Individual clinician last name	35	string
Provider First Name	Provider First Name	Individual clinician first name	25	string
source	Source of scores	Method by which the clinician achieved scores (“individual”, “group”, “virtual group”, or “apm”); if the source is “apm”, this indicates that the MIPS APM scoring standard was applied for this set of scores	20	string
Facility-based scoring Certification Number	Facility-based scoring Certification Number	If facility-based, the Medicare Certification Number of the facility through which the clinician’s quality and cost categories <sup>1</sup> were scored under the Hospital Value-Based Purchasing program <sup>2</sup>	6	string

<sup>1</sup> Cost will be weighted at 0% for all MIPS Eligible Clinicians for the 2022 Performance Period in response to the COVID-19 pandemic. Further details can be found on the [QPP 2021 Cost Requirements page](#).

<sup>2</sup> For PY2021, there are no clinicians who are facility-based because the Total Performance score in the Hospital-Value Based Purchasing program was not calculated or used in scoring.

Variable Name	Variable Label	Description	Length	Values
Facility Name	Facility-based scoring name	If facility-based, the name of the facility, as it appears on Care Compare, through which the clinician's quality and cost categories <sup>1</sup> were scored under the Hospital Value-Based Purchasing program	100	string
Quality_category_score	Quality category score	Quality performance category score*	8	numeric
PI_category_score	PI category score	Promoting Interoperability (PI) performance category score*	8	numeric
IA_category_score	IA category score	Improvement Activities (IA) performance category score*	8	numeric
Cost_category_score	Cost category score	Cost performance category score*	3	string
final_MIPS_score_without_CPB	MIPS Final Score without CPB	MIPS Final Score without the Complex Patient Bonus (CPB). The CPB is part of the MIPS final score based on the overall medical complexity and social risk for one's patients treated	8	numeric
final_MIPS_score	MIPS Final Score	MIPS Final Score	8	numeric

\*Note: A blank value indicates that the clinician's score for this performance category was weighted to 0 such that it did not contribute to their MIPS Final Score.

## Doctors and Clinicians Quality Payment Program PY 2021 Group Public Reporting: MIPS Measures

*PY 2021 Merit-based Incentive Payment System (MIPS) performance information submitted by groups*

Each line is unique at the group-measure (org\_PAC\_ID-measure\_cd) level. Performance information is listed in the downloadable file using technical titles. To make information more understandable to users, Care Compare profile pages use plain language. A crosswalk showing both technical titles and plain measure titles and descriptions can be found on the [Doctors and Clinicians Initiative page](#). More group performance information is reported in the PDC than on the Care Compare profile pages (see [Additional Information](#)).

Variable Name	Variable Label	Description	Length	Values
Facility Name	Facility Name	Name of the group affiliation, as it appears on Care Compare: Doctors and Clinicians	70	string
org_PAC_ID	Group PAC ID	Unique group ID assigned by PECOS to the group	10	string
ACO_ID_1	ACO ID 1	ID used on Care Compare for the Accountable Care Organization (ACO) with whom the group is affiliated	5	string
ACO_nm_1	ACO Name 1	Name of the Accountable Care Organization (ACO), as it appears on Care Compare	256	string
ACO_ID_2	ACO ID 2	ID used on Care Compare for the Accountable Care Organization (ACO) with whom the group is affiliated	5	string
ACO_nm_2	ACO Name 2	Name of the Accountable Care Organization (ACO), as it appears on Care Compare	256	string

Variable Name	Variable Label	Description	Length	Values
measure_cd	Measure Code	Components of measure code: [program]_[reporting entity]_[measure number]_[stratum] where program is defined as MIPS, QCDR, PI, or IA; reporting entity is indicated as GRP for group; measure number denotes the measure number or string identifier; and stratum indicates whether it is an overall rate or a single stratum	50	String
measure_title	Measure or Attestation Title	Measure or attestation title	481	string
invs_msr	Inverse Measure	Indicator for whether a measure is an inverse measure	10	Y/N
attestation_value	Attestation Value	Attestation value	50	Y/N
prf_rate	Measure Performance Rate	Measure performance rate	8	numeric
patient_count	Denominator count	Number of patients included in the measure denominator	8	numeric
star_value	Star Value	Star rating, assigned based on performance at the measure, stratum, collection type, and entity type level	8	numeric
five_star_benchmark	Five Star Benchmark	The established ABC™ benchmark used to assign a five-star rating for a given measure and collection type	8	numeric
collection_type	Collection Type	Collection types are defined as ATT for Web Attestation, CLM for claims, EHR for Electronic Health Record, QCDR for Qualified Clinical Data Registry, REG for Qualified Registry, and WI for CMS Web Interface  Note: Collection type is not published for Promoting Interoperability and Improvement Activities attestations	20	string

Variable Name	Variable Label	Description	Length	Values
CCXP_ind	Reported on DAC profiles	Indicator for whether the measure is reported on Care Compare profile pages (i.e., measures with an N value are only available in the PDC)	50	Y/N

## Doctors and Clinicians Quality Payment Program PY 2021 Group Public Reporting: Patient Experience

*PY 2021 Consumer Assessment of Healthcare Providers and Systems (CAHPS) for MIPS measures submitted by groups*

Each line is unique at the group-measure (org\_PAC\_ID-measure\_cd) level. Measures are listed in the downloadable file using technical titles. To make measures more understandable to users, measures on Care Compare profile pages are displayed in plain language. A crosswalk showing both technical measure titles and plain language measure titles and descriptions can be found on the [Doctors and Clinicians Initiative page](#). For PY 2021, CAHPS\_GRP\_6 is reported in the PDC only. More group performance information is reported in the PDC than on the Care Compare profile pages (see [Additional Information](#)).

Variable Name	Variable Label	Description	Length	Values
Facility Name	Facility Name	Name of the group affiliation, as it appears on Care Compare: Doctors and Clinicians profile pages	70	string
org_PAC_ID	Group PAC ID	Unique group ID assigned by PECOS to the group	10	string
measure_cd	Measure Code	Components of measure code: [program]_[reporting entity]_[measure number] where program is defined as CAHPS; reporting entity is indicated as GRP for group; and measure number denotes the CAHPS measure number	50	string
measure_title	Measure Title	CAHPS measure title	481	string
prf_rate	Measure Performance Rate	Measure performance rate	8	numeric
patient_count	Denominator count	Number of patients included in the measure denominator	8	numeric
FN	Footnote	Footnote value 1 indicates that data are suppressed due to insufficient sample size or low reliability	8	1

## Doctors and Clinicians Quality Payment Program PY 2021 Virtual Group Public Reporting

*PY 2021 Merit-based Incentive Payment System (MIPS) performance information reported by virtual groups*

Each line is unique at the virtual group-measure (virtual\_group\_id-measure\_cd) level. Performance information is listed in the downloadable file using technical titles. Virtual group performance information is only reported in the Provider Data Catalog (PDC) and has no corresponding information displayed on Care Compare profile pages.

Variable Name	Variable Label	Description	Length	Values
virtual_group_id	Virtual Group ID	Unique ID assigned to the virtual group	15	string
measure_cd	Measure Code	Components of measure code: [program]_[reporting entity]_[measure number]_[stratum] where program is defined as MIPS, PI, or IA; reporting entity is indicated as VG for virtual group; measure number denotes the measure number or string identifier; and stratum indicates whether it is an overall rate or a single stratum	50	string
measure_title	Measure or Attestation Title	Measure or attestation title	481	string
invs_msr	Inverse Measure	Indicator for whether a measure is an inverse measure	10	Y/N
attestation_value	Attestation Value	Attestation value	50	Y/N
prf_rate	Measure Performance Rate	Measure performance rate	8	numeric
patient_count	Denominator Count	Number of patients included in the measure denominator	8	numeric

Variable Name	Variable Label	Description	Length	Values
collection_type	Collection Type	<p>Collection types are defined as ATT for Web Attestation, CLM for Claims, EHR for Electronic Health Record, REG for Qualified Registry, and WI for CMS Web Interface</p> <p>Note: Collection type is not published for Promoting Interoperability and Improvement Activities attestations</p>	20	string



## Doctors and Clinicians 2020 Clinician Utilization Data

This is the clinician utilization data publicly reported in the Provider Data Catalog (PDC). Each line is unique at the individual-procedure (NPI-hcpcs\_code) level. CMS publicly reports utilization data for the subset of clinicians who met criteria to be included on Care Compare and in the PDC. This is a subset of the 2020 [Medicare Provider Utilization and Payment Data: Physician and Other Supplier](#) data, listed as Healthcare Common Procedure Coding System (HCPCS) codes. The goal in defining this subset was to identify codes that would provide more information about the scope of care clinicians provide. This subset of publicly reported HCPCS codes is based on the top five codes reported by each available Medicare specialty, excluding evaluation and management codes. The evaluation and management codes do not provide descriptive information regarding care and therefore were excluded from the available subset. To define the universe of available HCPCS codes in the PDC, the top five codes for each specialty represented on the website were identified. However, the information available for any given clinician is not limited to their specific specialty but rather includes the subset of codes available in the PDC across all specialties. As a result, clinicians may have data publicly reported for more than five HCPCS codes.

A list of the 2020 HCPCS codes that are included in this file can be found on the [Doctors and Clinicians Initiative page](#).

Variable Name	Variable Label	Description	Length	Values
NPI	NPI	Unique clinician ID assigned by NPPEs	10	string
Ind_PAC_ID	PAC ID	Unique individual clinician ID assigned by PECOS	10	string
Provider Last Name	Provider Last Name	Individual clinician last name	35	string
Provider First Name	Provider First Name	Individual clinician first name	25	string
spec	Specialty	Primary medical specialty reported by the individual clinician in the selected PECOS enrollment	35	string
State	State	Individual clinician's state of practice	2	string
hcpcs_code	HCPCS code	Healthcare Common Procedure Coding System (HCPCS) procedural code billed by the individual clinician	5	string

Variable Name	Variable Label	Description	Length	Values
hcpcs_description	Code Description	Description of the HCPCS code for the specific medical service furnished by the individual clinician. HCPCS descriptions associated with CPT codes are consumer friendly descriptions provided by the AMA. CPT Consumer Friendly Descriptors are lay synonyms for CPT descriptors that are intended to help healthcare consumers who are not medical professionals understand clinical procedures on bills and patient portals. CPT Consumer Friendly Descriptors should not be used for clinical coding or documentation. All other descriptions are CMS Level II descriptions provided in long form. Due to variable length restrictions, the CMS Level II descriptions have been truncated to 256 bytes. As a result, the same HCPCS description can be associated with more than one HCPCS code. For complete CMS Level II descriptions, visit <a href="https://www.cms.gov/Medicare/Coding/HCPCSReleaseCodeSets/Alpha-Numeric-HCPCS.html">https://www.cms.gov/Medicare/Coding/HCPCSReleaseCodeSets/Alpha-Numeric-HCPCS.html</a>	258	string
line_srvc_cnt	Service Count	Count of the individual clinician's performance of the associated HCPCS code within the specified calendar year	8	numeric
bene_cnt	Beneficiary Count	The number of eligible beneficiaries that received the service or procedure identified by the individual clinician's HCPCS code	8	numeric

## Additional Information

Information in the Provider Data Catalog may not exactly match the information as displayed on Care Compare profile pages for the following reasons:

- Clinician profiles represent all clinician-level details, while the downloadable file observations are at the clinician/enrollment/address level. If a clinician has more than one enrollment, more than one address per enrollment, and/or more than one group affiliation, the individual clinician will have multiple entries in the downloadable file.
  - This means that a single clinician may have different specialties and different credentials from each enrollment.
- The downloadable physician demographic database focuses on clinicians and their practice locations. There is no group level reporting in the downloadable demographic file.
  - To evaluate demographic data at the group level, users can adjust this file to categorize by group affiliation.
- Clinician IDs (including the NPI, PECOS PAC ID, and PECOS enrollment ID) and group or hospital IDs (including PECOS PAC ID and Medicare Certification Number) are included in the downloadable file to help distinguish clinicians and groups or hospitals with similar names. These IDs also help identify individual clinicians who are affiliated with a group or hospital.
- The marker of line 2 suppression means that there were multiple possible addresses for that clinician in the same building. If users need to find a mailing address for any entries with this flag, users may want to search for additional information like a suite number.
- Only Medicare data (PECOS and claims) are used in the downloadable file. All licensed data are excluded from this demographic dataset.
  - There is no board certification information.
  - There is no residency data.
- There is more performance information represented in the downloadable files in the PDC than on the Care Compare profile pages. CMS decides which performance information to publicly report for doctors and clinicians on Care Compare based on the published public reporting standards. To be included in the PDC, performance information must be statistically valid, reliable, and accurate; be comparable across collection types; and meet the minimum reliability threshold, as determined by statistical testing. To be included on Care Compare profile pages, performance information must also resonate with Medicare patients and caregivers, as determined by user testing.
- There will be clinicians in the Overall MIPS Performance file that do not have Care Compare profile pages or the National Downloadable File because they were assigned Final Scores and performance category scores but did not meet the requirements to be eligible for a profile or the National Downloadable File.