

Supporting Statement – Part A

Data Collection for Quality Measures Using the End-Stage Renal Disease Quality Reporting System (EQRS)

A. Background

Pursuant to section 1881(h) of the Social Security Act (the Act) as amended by section 153(h) of the Medicare Improvements for Patients and Providers Act (MIPPA), the Centers for Medicare and Medicaid Services (CMS) established the End-Stage Renal Disease (ESRD) Quality Incentive Program (QIP) starting in 2011. The ESRD QIP is the first value-based purchasing program established by CMS, and it is aimed at promoting patient health by providing a financial incentive for renal dialysis facilities to deliver high-quality care.

In implementing the ESRD QIP, CMS believes that a successful quality incentive program will promote the delivery of high-quality health care services in the renal dialysis facility setting. Under section 1881(h)(2) of the Act, the Secretary is required to specify quality measures for evaluating the quality of care ESRD patients receive at renal dialysis facilities. While the Act outlines few mandatory measure topics, the Secretary is authorized to adopt measures on specified areas or medical topics determined appropriate by the Secretary (§ 1881(h)(2) of the Act). The ESRD QIP began in calendar year (CY) 2011 with an initial set of three quality measures and has increased and refined the measure set over the intervening years through notice and comment rulemaking.

In order to score facility performance on quality measures, CMS must be able to collect data on these measures. CMS collects these data from multiple sources, including Medicare claims and other tools such as the In-Center Hemodialysis Consumer Assessment of Healthcare Providers and Systems (ICH CAHPS) and the Centers for Disease Control and Prevention's (CDC) National Healthcare Safety Network (NHSN) Dialysis Event Protocol. To further expand the measures used to evaluate the quality of care provided to ESRD patients in renal dialysis facilities, CMS also collects data using the ESRD Quality Reporting System (EQRS), formerly known as the Consolidated Renal Operations in a Web-Enabled Network (CROWNWeb) system. Because of the complexity of the existing systems and because of the need to comply with the protections for private or confidential data, CROWNWeb was implemented in phases starting in February 2009. CROWNWeb went into production nationally on June 14, 2012 and brought together all of CMS' information systems that collect, maintain, and report on data about ESRD patients and provided electronic reporting tools for use by renal dialysis facilities. On November 9, 2020,¹ we launched the EQRS, which contains the functionalities of the three legacy ESRD Systems, including CROWNWeb, in one global application, and aims to provide ongoing support to the ESRD user community to foster accurate and timely monthly data submission. This migration eliminates the need for multiple user accounts, and will in the long-term also improve the overall user experience and reduce burden due to enhanced navigation features.

¹<https://mycrownweb.org/2020/11/november-2020-newsletter/>.

The ESRD QIP is updating this PRA package under OMB control number 0938–1289 to ensure that it remains specific to reporting and validating EQRS data for the payment years addressed in the CY 2024 ESRD PPS final rule (i.e. Payment Year (PY) 2026 and PY 2027).

1. Data Collection for ESRD QIP Measures

In selecting measures for adoption into the ESRD QIP measure set, CMS strives to achieve several objectives. First, the measures should consider national priorities such as those established by the Department of Health and Human Services’ Meaningful Measures Framework. Second, the measures should be tailored to the needs of improved quality in the renal dialysis facility setting; thus, the measures selected are most relevant to renal dialysis facilities. Finally, the burden of measure compliance on renal dialysis facilities should be weighed against the potential for improvements in patient health and well-being resulting from the measure’s collection.

Many measures currently finalized in the ESRD QIP are extracted from Medicare claims and therefore require no additional effort on the part of dialysis facilities to report.² However, some quality data relevant to the care received by ESRD patients cannot be derived from Medicare claims or other administrative forms. For these measures, dialysis facilities are required to submit data via a web-based tool such as EQRS or the CDC’s NHSN system. The burden associated with submitting measure data to the NHSN Bloodstream Infection Modules³ and for the In-Center Hemodialysis Consumer Assessment of Healthcare Providers and Systems survey (ICH CAHPS)⁴ are already captured under previously approved packages. Although we added a new COVID-19 Vaccination Coverage Among Healthcare Personnel (HCP) reporting measure beginning in PY 2025, and are finalizing updates to the measure beginning with PY 2026, that will require measure data to be submitted through the NHSN (burden is accounted for under OMB control number 0920-1317; expiration date March 31, 2026). Therefore, this package is specific to the burdens associated with ESRD QIP measure data submitted via EQRS.

a. The CY 2024/PY 2026 ESRD QIP

The CY 2024 ESRD Prospective Payment System (PPS) final rule finalizes updates to program requirements for the CY 2024/PY 2026 ESRD QIP. During CY 2024/PY 2026, we will continue collecting data for the follow measures using EQRS:

- o Hemodialysis Vascular Access: Long-Term Catheter Rate Clinical Measure (82 FR 50777 through 50778): Measures the use of a catheter continuously for 3 months or longer as of the last hemodialysis treatment session of the month. Facilities report in EQRS the vascular access type.

² For example, in the CY 2015 ESRD PPS final rule with comment period, CMS finalized 10 measures using Medicare claims as the primary data source.

³ The NHSN Bloodstream Infection measure is accounted for under OMB Control Number 0920-0666.

⁴ ICH CAHPS is accounted for under OMB Control Number 0938-0926.

- o Hypercalcemia Clinical Measure (76 FR 72203): Proportion of patient-months with 3-month rolling average of total uncorrected serum calcium greater than 10.2 mg/dL.
- o Kt/V Dialysis Adequacy Comprehensive Clinical Measure (80 FR 69053): Percentage of all patient-months for patients whose delivered dose of dialysis (either hemodialysis or peritoneal dialysis) met the specified threshold during the reporting period.
- o Medication Reconciliation for Patients Receiving Care at Dialysis Facilities Reporting Measure (83 FR 57008 through 57010): Percentage of patient-months for which medication reconciliation was performance and documented by an eligible professional.

In the CY 2024 ESRD PPS final rule, we are finalizing several updates to measures in the ESRD QIP measure set beginning with PY 2026. We are converting the Clinical Depression Screening and Follow-Up reporting measure to a clinical measure, and we are also modifying the measure so that a facility will report in EQRS one of four conditions listed for each qualifying patient once before February 1 of the year following the Performance Period. We are also removing the Standardized Fistula Rate clinical measure and the Ultrafiltration Rate reporting measure from the ESRD QIP measure set beginning with PY 2026. We are also adding a new Facility Commitment to Health Equity reporting measure to the ESRD QIP measure set beginning with PY 2026.

Table A. Measures Collected via EQRS in CY 2024

Consensus-Based Entity (CBE) Goal	CBE Endorsement Number	Measure Title	Data Collected
Clinical Care	CBE #2978	Hemodialysis Vascular Access: Long-Term Catheter Rate Clinical Measure	Vascular Access Type
Clinical Care	CBE #1454	Hypercalcemia	Uncorrected serum calcium
Clinical Care	N/A	Dialysis Adequacy Comprehensive	Kt/V Value
Clinical Care	N/A	Clinical Depression Screening and Follow-Up	One of four clinical depression screening and follow up conditions

Consensus-Based Entity (CBE) Goal	CBE Endorsement Number	Measure Title	Data Collected
Safety	CBE #2988	Medication Reconciliation for Patients Receiving Care at Dialysis Facilities Reporting Measure	<ul style="list-style-type: none"> • The date of the medication reconciliation • The type of clinician who completed the medication reconciliation / personal identifier
Health Equity	N/A	Facility Commitment to Health Equity	Facility attests affirmatively to elements in the following 5 domains: <ul style="list-style-type: none"> • Equity is a Strategic Priority • Data Collection • Data Analysis • Quality Improvement • Leadership Engagement

b. The CY 2025/PY 2027 ESRD QIP

For the CY 2025/PY 2027 ESRD QIP, we will continue to collect data using EQRS for the measures referenced earlier in the section for the CY 2024/PY 2026 ESRD QIP. We are also finalizing our proposals to add two new measures to the ESRD QIP measure set beginning with PY 2027: the Screening for Social Drivers of Health clinical measure and the Screen Positive Rate for Social Drivers of Health reporting measure. We will also continue to collect these measures in subsequent years unless we deem their removal appropriate based on the measure removal criteria outlined in the CY 2013 ESRD PPS final rule (77 FR 67475)—further clarified in the CY 2015 ESRD PPS final rule (79 FR 66171 through 66173) and the CY 2019 ESRD PPS final rule (83 FR 56983 through 56985)— via notice and comment rulemaking. We note that we are finalizing our proposal to codify the previously adopted measure removal criteria at 42 CFR 413.178(c)(5) in the CY 2024 ESRD PPS final rule.

2. EQRS Data Validation for the ESRD QIP

One of the critical elements of the ESRD QIP’s success is ensuring that the data submitted to calculate measure scores and facility Total Performance Scores (TPS) are accurate. We began a pilot validation study program for the ESRD QIP in CY 2013. That validation study has continued in subsequent years. In the CY 2019 ESRD PPS final rule, we finalized a policy to make the CROWNWeb validation study a permanent element of the Program rather than a continued pilot study (83 FR 57001 through 57003). Making the CROWNWeb validation study permanent did not alter the methodology that we employ to validate CROWNWeb data and signals the importance that we place on accurate and complete quality data to participating ESRD facilities. Although we have transitioned from CROWNWeb to EQRS, we continue the

validation using the data that was previously submitted to CROWNWeb and is now submitted to EQRS. Specifically, we will continue sampling the same number of records (approximately 10 per facility) from the same number of facilities (300 facilities). If a facility is randomly selected to participate in the validation but does not provide us with the requisite medical records within 60 calendar days of receiving a request, then we will deduct 10 points from the facility's TPS.

B. Justification

1. Need and Legal Basis

Section 1881(h)(2) of the Act requires that the Secretary specify measures for each year of the program and with each successive year of the ESRD QIP, CMS has increased the sophistication and scope of the Program's measure set. While Medicare claims can be an appropriate data source for some measures, claims do not represent the entirety of the ESRD population and are also limited in the depth of information available. For these reasons, in furtherance of our obligations under section 1881(h)(2) of the Act, we have specified several measures utilizing data reported by renal dialysis facilities using the EQRS system described below. These collections are authorized under 42 CFR 494.180(h) of the Conditions for Coverage of End-Stage Renal Disease Facilities, which requires renal dialysis facilities to furnish data and information (both clinical and administrative) electronically to CMS at intervals specified by the Secretary. CMS proposes and finalizes data reporting requirements for the ESRD QIP through notice and comment rulemaking.

Trend summaries included below depict the progression of measure results over the past several years to determine the impact of the ESRD QIP on improved quality and outcomes in ESRD populations. However, those trends cannot be attributed directly to the ESRD QIP. Several other national initiatives such as Fistula First, Catheter Last (a national vascular access improvement initiative), Dialysis Facility Compare (DFC), quality improvement activities by dialysis organizations, the changes to the PPS ESRD Payment Bundle, and technical support provided by the ESRD networks have all collectively contributed to improvements in ESRD care and services. The implementation of the Medicare ESRD PPS in 2011 and the erythropoiesis-stimulating Agents (ESA) labeling change later that year are likely to have contributed to improvements in care for this population.

- Rates of hypercalcemia have declined, meaning improved patient calcium rates over time starting in CY 2013 when the measure was introduced in the ESRD QIP final rule. Hypercalcemia rates improved from 3.7% in CY 2012 to 1.1% in CY 2018.
- Facility performance on the vascular access type (VAT) measures (i.e. fistula and catheter) improved in the first few years that the measures were included in the program and have remained stable over the past four years. Fistula rates have increased from 62.1% in CY 2012 to 66.3% in CY 2018.
- Kt/V Comprehensive rates have improved since the measure was introduced in the ESRD QIP in PY 2019. Rates improved from 94.6% in CY 2016 to 95.9% in CY 2019.
- Performance on risk adjusted measures including readmissions, hospitalizations, and transfusions has remained stable since the measures were introduced in the ESRD QIP, with the exception of the NHSN Bloodstream Infection (BSI) ratio, where facility

performance is improving slightly each year. Average BSI ratios have decreased from 1.05 in CY 2014 to 0.75 in CY 2018.

- Mortality rates have steadily declined from 2010 to 2017.
- The data show a substantial decrease in readmission rates from 30.3 in 2011 to 25.2 in 2016.

While the ESRD QIP was not solely intended as a cost saving program, below we show the Program's estimated payment reductions in recent years. We note that the estimated payment reductions for PY 2026 have been updated from the estimates in the CY 2024 ESRD PPS proposed rule, due to updated information about the total number of facilities expected to receive a payment reduction and the estimated impact of policies in the CY 2024 ESRD PPS final rule on facilities.

- PY 2027; \$13,847,479 (CY 2024 ESRD PPS final rule)
- PY 2026; \$15,990,524 (CY 2024 ESRD PPS final rule)
- PY 2025; \$32,457,692.52 (87 FR 67297)
- PY 2024; \$17,104,030.59 (86 FR 62011)
- PY 2023; \$5,548,652.69 (87 FR 67297)
- PY 2022; \$0 (86 FR 62011)⁵
- PY 2021; \$32,196,724 (83 FR 57061)
- PY 2020; \$31,581,441 (81 FR 77960)
- PY 2019; \$15,470,309 (80 FR 69074)
- PY 2018; \$11,576,214 (79 FR 66257)
- PY 2017; \$11,954,631 (79 FR 66255)

2. Information Users

Section 1881(h) of the Act requires the Secretary, generally, to adopt a set of quality measures and to assess the quality of care provided by renal dialysis facilities using those measures. CMS and others use these data to monitor and assess the quality and type of care provided to ESRD patients. Specifically, CMS uses these data to calculate performance scores on certain measures included in the ESRD QIP measure set (described in detail below) and conducts a validation each year to ensure that those data are accurate.

CMS will make available to renal dialysis facilities their scores on individual measures and their total performance score for their use in internal quality improvement initiatives. CMS will also make available to facilities information on the performance of other facilities on individual measures and their total performance score. Most importantly, facility performance on individual measures and their TPS is available to beneficiaries, as well as to the public, to assist them in making decisions about their health care. Although we provide participating facilities the results of validation for their facility, as well as a comparison of their results to facilities that are a similar size and all the facilities in the study, beneficiaries and the public do not have access to validation results. CMS intends to use information on facility performance on measures and their TPS as well as validation results to direct its contractors to focus on areas of improvement and to develop quality improvement initiatives. CMS uses the validation to

⁵ In the CY 2022 ESRD PPS final rule, we finalized a special scoring methodology and payment policy for PY 2022 due to impacts of the COVID-19 public health emergency and EQRS system issues in CY 2020 (86 FR 61918 through 61919). Under this policy, we did not apply any payment reductions to ESRD facilities for PY 2022.

independently sample and test the reliability and validity of the clinical data submitted electronically in EQRS against providers’ source medical records, and to encourage facilities to accurately report data to EQRS.

3. Use of Information Technology

As noted previously, CMS developed EQRS to reduce the burden to renal dialysis facilities of submitting data to CMS. This system brings together all of CMS’ information systems that collect, maintain, and report on data about ESRD patients and provides electronic reporting tools for use by renal dialysis facilities. Renal dialysis facility users are required to open an account under their CMS Certification Number and are then able to complete the necessary data submission.

4. Duplication of Efforts/Similar Information

The information to be collected is not duplicative of similar information collected by the Centers for Medicare and Medicaid Services.

5. Small Businesses

Information collection requirements were designed to impose minimal burdens on small renal dialysis facilities subject to the ESRD QIP, and to facilitate the collection and reporting of required data. Specifically, the EQRS was created to allow small renal dialysis facilities to enter data via a web-based application rather than using paper-based data submissions or employing a full electronic health record, which can be prohibitively expensive for these facilities.

6. Less Frequent Collection

Measures developers employ clinical and statistical knowledge during the measure development process to determine the optimal schedule for collecting measure data. These data are then collected on the schedules provided in Table B to best evaluate the care provided to ESRD patients. Without this frequency of information collection, CMS would be unable to assess the correlations between the endpoints collected and the health and well-being of ESRD patients treated by the renal dialysis facilities participating in the ESRD QIP.

Table B. Measure Collection Schedule/Frequency

Measure Title	Measure Collection Schedule/Frequency
Hypercalcemia	Monthly
Dialysis Adequacy Comprehensive	Monthly
Clinical Depression Screening and Follow-Up	Annually
Hemodialysis Vascular Access Type: Long-Term Catheter Rate Clinical Measure	Monthly

Measure Title	Measure Collection Schedule/Frequency
Medication Reconciliation for Patients Receiving Care at Dialysis Facilities (MedRec) Measure	Monthly
Facility Commitment to Health Equity Measure	Annually
Screening for Social Drivers of Health Measure	Annually
Screen Positive Rate for Social Drivers of Health Measure	Annually

7. Special Circumstances

There are no special circumstances.

8. Federal Register Notice/Outside Consultation

The CY 2024 ESRD PPS proposed rule’s publication, serving as the 60-day Federal Register notice, was published on June 30, 2023 (88 FR 42430). There were no public comments received. The final rule published on November 6, 2023 (88 FR 76344).

9. Payment or Gift to Respondent

Dialysis facilities are required to submit measure data to CMS as part of the Conditions for Coverage of End-Stage Renal Disease Facilities (see 42 CFR 494.180(h)). No additional payments or gifts will be given to respondents for compliance with the reporting requirements of the ESRD QIP measures submitted via EQRS.

10. Confidentiality

CMS adheres to all confidentiality-related statutes, regulations, and agency policies. All information collected under ESRD QIP will conform to all applicable Federal laws and regulations and Federal, HHS, and CMS policies and standards as they relate to information security and data privacy. The laws and regulations that may apply include, but are not limited to: The Privacy Act of 1974; the Federal Information Security Management Act of 2002; the Computer Fraud and Abuse Act of 1986; the Health Insurance Portability and Accountability Act of 1996; the EGovernment Act of 2002, the Clinger Cohen Act of 1996; the Medicare Modernization Act of 2003, and the corresponding implementing regulations. OMB Circular A-130, Management of Federal Resources, Appendix III, Security of Federal Automated Information Resources also applies. Federal, HHS, and CMS policies and standards include but are not limited to: All pertinent National Institute of Standards and Technology publications; the HHS Information Systems Program Handbook and the CMS Information Security Handbook.

SORN #: 09-70-0520 – ESRD Program Management and Medical Information System (PMMIS) published 6/17/2002 (67 FR 41244), updated 5/8/2007 (72 FR 26126), and revised 6/26/2009 (74 FR 30606).

11. Sensitive Questions

There are no questions of a sensitive nature being collected as part of this quality assessment.

12. Burden Estimates

This burden estimate includes measures which CMS is continuing to collect as part of the ESRD QIP and the ongoing EQRS (formerly CROWNWeb) data validation. As noted in section A.1. of this supporting statement, this estimate excludes burden associated the NHSN Bloodstream Infection measure topic and the ICH-CAHPS measure because the burden associated with these measures is captured under OMB control numbers 0920-0666 (NHSN) and 0938-0926 (ICH-CAHPS Survey), respectively. This estimate also excludes burden associated with the COVID-19 Vaccination Coverage among Healthcare Personnel (HCP) reporting measure because the burden associated with this measure is accounted for under OMB control number 0920-1317 (expiration date March 31, 2026). This burden estimate also excludes the burden associated with training facilities to use EQRS, which will continue to be accounted for in OMB Control Number 0938-0386. The burden associated with the NHSN BSI Data Validation is captured under OMB control number 0938-1340.

The assumptions used to compute the estimated burdens associated with submitting ESRD QIP measure data via EQRS and the ongoing EQRS data validation are described here.

We estimate the burden hours for reporting measure data using the EQRS system for CY 2024/PY 2026 to be 2,666,144 hours; for CY 2025/PY 2027 this figure is 2,877,743 hours. We estimate that the total annual burden hours associated with the PY 2026 EQRS validation is 750.

a. Data Collection for ESRD QIP Measures Using EQRS

We have used the following equation to estimate the burden associated with these data collection and submission efforts.

$$\text{burden} = \# \text{ patients nationally} * \frac{\# \text{ elements}}{\text{patient year}} * \frac{\text{data entry hrs}}{\text{patient year}} * \frac{\text{wage } \$}{\text{hour}} = \frac{\text{wage } \$}{\text{year}}$$

Table C. EQRS Data Collection Burden Estimate Elements

Burden Estimate Elements	CY 2024/ PY 2026	CY 2025/ PY 2027
Number of facilities ⁶	7,833	7,833
Number of ESRD patients, nationally ⁷	507,837	507,837
Number of data elements per patient	126	136
The time spent for data entry and submission per element ⁸	2.5 minutes	2.5 minutes
Annual Burden Hours Nationally	2,666,144 hours	2,877,743 hours
Median hourly wage of a Medical Records Specialist (Fringe benefit is calculated at 100%).	\$45.38	\$45.38

We estimate the number of patients per facility by calculating the mean number of patients per ESRD PPS-eligible facility nationwide, based on CY 2022 data, even though we recognize that the number of patients per renal dialysis facility is also highly variable, and may vary from month to month within a given facility. To estimate the total burden per facility, the mean number of patients per facility is then multiplied by the number of required elements per patient-year for each measure and the estimated time per element entry, as shown in Table D1. The estimated time per element entry for the EQRS measure is based on historical estimates previously finalized in the CY 2016 ESRD PPS final rule regarding the amount of time required to enter one data element for one patient (i.e. we assumed that it takes 2.5 minutes to report a data element, even though the time required is highly variable) (80 FR 69070).

To derive wage estimates, we used data from the U.S. Bureau of Labor Statistics’ (BLS) May 2022 National Occupational Employment and Wage Estimates.⁹ We anticipate that the labor required to collect and submit these data will be completed by either Medical Records Specialists or similar administrative staff. The median hourly wage of a Medical Records Specialist is \$22.69. Fringe benefits and overhead are calculated at 100% using current HHS department-wide guidance on estimating the cost of fringe benefits and overhead. These are necessarily

⁶ Total number of ESRD PPS facilities in the United States treating ESRD QIP-eligible patients.

⁷ Total number of patients treated at ESRD PPS facilities in the United States.

⁸ As stated in the CY 2016 ESRD PPS final rule (80 FR 69070), we estimate the amount of time required to submit measure data to EQRS (formerly CROWNWeb) to be 2.5 minutes.

⁹ <https://www.bls.gov/oes/current/oes292072.htm>.

rough adjustments both because fringe benefits and overhead costs vary significantly from employer to employer and because methods of estimating these costs vary widely from study to study. Nonetheless, there is no practical alternative and we believe that these are reasonable estimation methods.

Using the assumptions described above, we estimate an hourly labor cost of \$45.38 as the basis of the wage estimates for all collection of information calculations in the ESRD QIP. We also estimate the total annual burden for reporting measure data using the EQRS for CY 2024/PY 2026 to be \$120,989,626 (2,666,144 hours x \$45.38) and the total annual burden for reporting measure data using the EQRS for CY 2025/PY 2027 is \$130,591,977 (2,877,743 hours x \$45.38).

Table D1. CY 2024/PY 2026 EQRS Data Collection Burden Per Measure

Note: Numbers may not add up due to rounding

MEASURE REPORTING Renal Dialysis Facilities CY 2024 Measure Set	Number of Facilities	Number of Patients Nationally	Average number of patients per facility	Number of Elements per Patient-Year	Estimated Time for Data Entry per Element (hours)	Estimated Wage plus Benefits per Hour for Data Entry	Annual Hour Burden per Facility	Annual Burden Facility
Hemodialysis Vascular Access: Long-Term Catheter Rate Clinical Measure	7,833	507,837	64	24	0.042	\$45.38	64.8	\$2,94
Hypercalcemia	7,833	507,837	64	24	0.042	\$45.38	64.8	\$2,94
Comprehensive Dialysis Adequacy	7,833	507,837	64	36	0.042	\$45.38	97.2	\$4,41
Clinical Depression Screening and Follow-Up	7,833	507,837	64	1	0.042	\$45.38	2.7	\$12
Medication Reconciliation for Patients Receiving Care at Dialysis Facilities Reporting Measure	7,833	507,837	64	36	0.042	\$45.38	97.2	\$4,41
Facility Commitment to Health Equity Reporting Measure	7,833	507,837	64	5	0.042	\$45.38	13.5	\$61

Table E1. CY 2024/PY 2026 EQRS Total Data Collection Burden

Note: Numbers may not add up due to rounding.

Basis	Number of Elements	Annual Hour Burden	Annual Burden
Each Facility	8,168	340.37	\$15,446.14
National	63,987,462	2,666,144	\$120,989,626

Table D2. CY 2025/PY 2027 EQRS Data Collection Burden Per Measure

Note: Numbers may not add up due to rounding

MEASURE REPORTING Renal Dialysis Facilities CY 2025 Measure Set	Number of Facilities	Number of Patients Nationally	Average number of patients per facility	Number of Elements per Patient-Year	Estimated Time for Data Entry per Element (hours)	Estimated Wage plus Benefits per Hour for Data Entry	Annual Hour Burden per Facility	Annual Burden Facility
Hemodialysis Vascular Access: Long-Term Catheter Rate Clinical Measure	7,833	507,837	64	24	0.042	\$45.38	64.8	\$2,94
Hypercalcemia	7,833	507,837	64	24	0.042	\$45.38	64.8	\$2,94
Comprehensive Dialysis Adequacy	7,833	507,837	64	36	0.042	\$45.38	97.2	\$4,41
Clinical Depression Screening and Follow-Up	7,833	507,837	64	1	0.042	\$45.38	2.7	\$12
Medication Reconciliation for Patients Receiving Care at Dialysis Facilities Reporting Measure	7,833	507,837	64	36	0.042	\$45.38	97.2	\$4,41
Facility Commitment to Health Equity Reporting Measure	7,833	507,837	64	5	0.042	\$45.38	13.5	\$61
Screening for Social Drivers of Health Clinical Measure	7,833	507,837	64	5	0.042	\$45.38	13.5	\$61
Screen Positive Rate for Social Drivers of Health Reporting Measure	7,833	507,837	64	5	0.042	\$45.38	13.5	\$61

Table E2. CY 2025/PY 2027 EQRS Total Data Collection Burden

Note: Numbers may not add up due to rounding.

Basis	Number of Elements	Annual Hour Burden	Annual Burden
Each Facility	8,817	367.39	\$16,672.03
National	69,065,832	2,877,743	\$130,591,977

b. EQRS Data Validation

We have used the following equation to estimate the burden associated with the ongoing EQRS data validation:

$$\text{Burden} = \# \text{ Participating facilities} * \frac{\# \text{ records}}{\text{year}} * \frac{.25 \text{ hours}}{\text{record}} * \frac{\text{wage } \$}{\text{hour}} = \frac{\text{wage } \$}{\text{year}}$$

Table F. EQRS Data Validation Burden Estimate Elements

Burden Estimate Element	CY 2024 (PY 2026)
Number of facilities participating in the EQRS (formerly, CROWNWeb) data validation, annually	300
Number of medical records per facility per year	10
Time spent for record collection and submission per facility ¹⁰	2.5 hours (approx. 0.25 hours per record)
Hourly wage per hour engaged in data collection and submission ¹¹	\$45.38

Under the EQRS data validation, we will randomly sample records from 300 facilities. Each sampled facility will be required to produce approximately 10 records. The burden associated with these validation requirements is the time and effort necessary to submit the requested records to a CMS contractor. We estimate that it will take each facility approximately 2.5 hours in total, or 0.25 hours per medical record, to comply with this requirement. We therefore estimate that the total annual hourly burden for the ongoing EQRS data validation for CY 2024 to be 750 hours.

We anticipate that the labor required to collect and submit these data will be completed by either Medical Records Specialists or similar administrative staff. The median hourly wage of a Medical Records Specialist is \$22.69 per hour. Fringe benefits and overhead are calculated at 100 percent. Therefore, using these assumptions, we estimate an hourly labor cost of \$45.38 as the basis of the wage estimates for all collection of information calculations in the ESRD QIP. These are necessarily rough adjustments, both because fringe benefits and overhead costs vary significantly from employer to employer and because methods of estimating these costs vary widely from study to study. Accordingly, we estimate the total annual burden for the ongoing EQRS data validation for CY 2024 to be \$34,035 (750 hours x \$45.38).

¹⁰ As stated in the CY 2020 ESRD PPS final rule (84 FR 60788), we estimate the amount of time required to submit measure data to CROWNWeb (now EQRS) to be 2.5 minutes.

¹¹ <https://www.bls.gov/oes/current/oes292072.htm> (Estimates are based on national median hourly wage).

Table G. CY 2024/PY 2026 EQRS Data Validation Burden

DATA VALIDATION Renal Dialysis Facilities CY 2024	Number of Facilities	Number of Records per Year	Estimated Time per Record	Estimated Wage plus Benefits per Hour for Record Collection	Annual Hour Burden per Facility	Annual Burden per Facility
EQRS Data Validation	300	10	0.25	\$45.38	2.5	\$113.45

Table H. CY 2024/PY 2026 EQRS Total Data Validation Burden

Basis	Annual Hour Burden	Annual Burden
Each Facility	2.5	\$113.45
National	750	\$34,035

The annual burden hours are 1,848,212 ((2,666,144 + 2,877,743 + 750)/3 years).

13. Capital Cost

There are no capital costs.

14. Cost to Federal Government

The cost to the Federal Government includes costs associated with the collection and validation of the data. The validation costs are an estimated \$535,295 (FY) annually for the validation contract. For the claims-based measures, the cost to the Federal Government is minimal. CMS uses data from the CMS National Claims History system that are already being collected for provider reimbursement; therefore, no additional data will need to be submitted by dialysis facilities for claims-based measures. Additionally, the ESRD QIP program takes three CMS staff at the GS-13 Step 5 level (\$117,516 annually per staff member), for an additional cost of \$352,548. The total annual cost to the Federal Government is 887,843.

15. Changes to Burden

As discussed above, the ESRD QIP has consistently refined its measure set since the inception of the ESRD QIP in CY 2011. For CY 2024, we are finalizing our proposal to add one new measure to be collected using data entered in EQRS beginning with PY 2026, the Facility Commitment to Health Equity reporting measure. We are also finalizing our proposals to remove two measures from the ESRD QIP measure set beginning with PY 2026, the Standardized Fistula Rate clinical measure and the Ultrafiltration Rate reporting measure. For CY 2025, we are finalizing our proposals to add two new measures to be collected using data entered in EQRS beginning with PY 2027, the Screening for Social Drivers of Health reporting

measure and the Screen Positive Rate for Social Drivers of Health reporting measure. Due to these changes to the ESRD QIP measure set, the number of data elements per patient year will decrease from 229 to 126 in PY 2026 and 136 in PY 2027. The corresponding reporting burden will decrease from the currently approved estimate of approximately 4.9 million hours to approximately 2.6 million hours in PY 2026 and 2.8 million hours in PY 2027 across all dialysis facilities. Averaged out over the three years, the annual burden hours are 1,848,212.

16. Publication/Tabulation Date

The goal of the data collection is to evaluate facility performance on measures in the ESRD QIP measure set for the given year in order to assess the payment reductions required under section 1881(h)(1) of the Act. These data are also made publicly available pursuant to section 1881(h)(6) of the Act and is used in other programs within CMS, such as public reporting of dialysis facility quality data on the CMS *Care Compare* website (formerly, Dialysis Facility Compare).

17. Expiration Date

CMS will display the expiration date on the collection instruments.

18. Explain any exceptions to the certification statement “Certification for Paperwork Reduction Act Submissions” of OMB form 83-I.

There are no exceptions to the certification statement “Certification for Paperwork Reduction Act Submissions” of OMB form 83-I.