

5.3.4 Validity Testing Results

CBE ID 5598, Standardized Modality Switch Ratio for Incident Dialysis Patients (SMoSR)

Table 1. Spearman Correlation between SMoSR and other Quality Measures , 2021-2024

Measure	Spearman's Rho	p-value
SMR (2021 – 2024)	0.064	<0.0001
FYSMR (2021 – 2024)	-0.03	0.0113
SHR (2024)	-0.02	0.0964

Table 2. Concordance of SWR and SMoSR (Gamma = 0.414; p<0.0001)

*	*	SWR**			*
*	Facility Performance	Worse than expected	As expected	Better than expected	Total
SMoSR	Worse than expected	50 (1.2%)	355 (8.6%)	14 (0.3%)	419 (10.1%)
	As expected	125 (3.0%)	2,998 (72.8%)	168 (4.1%)	3,291 (78.9%)
	Better than expected	5 (0.1%)	366 (8.9%)	38 (0.9%)	409 (9.9%)
*	Total	180 (4.4%)	3,719 (90.3%)	220 (5.3%)	4,119 (100%)

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**Only facilities reported on DFCC for SWR included

Table 3. Association of facility performance on SMoSR with ICH-CAHPS score – The Linearized Top Box Score of “Providing Information To Patients” (Person's r = 0.108)

*	SMoSR		
Facility Performance	Worse than expected	As expected	Better than expected
The linearized score of providing information to patients	77.59	79.46	80.55

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Table 4: Association of Facility Performance on SMoSR with Percentage of Patients on Home Dialysis Modality (Person's $r = 0.444$)**

* Facility Performance	SMoSR		
	Worse than expected	As expected	Better than expected
Percentage of home dialysis patients at the end of 2024	10.90%	20.77%	33.57%

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**Only facilities with at least 1 home dialysis patient included

Table 5: Association Between SMoSR and Facility Having Zero Home Dialysis Patients / Percentage of Home Dialysis Patients – Two Part Semi-Continuous Model

	Logistic Regression among All Facilities (Outcome: Facility Having Zero Home Dialysis Patients)			Linear Regression among Facilities with Non-zero Number of Home Dialysis Patients (Outcome: Percent of Home Dialysis Patients)		
Covariate	OR	95% CI	p-value	Coefficient	95% CI	p-value
SMoSR	0.84	0.73, 0.96	0.012	4.6	4.2, 4.9	<0.0001

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Data element validity

Per the executive summary [1], the rate of correct matches between data extracted from medical records and the same data fields in EQRS was 97.0% for all data elements. A total of 1.7% of entries in either EQRS (.1%) or Medical Records (1.6%) contained missing information. The rate of discrepant comparisons (incorrect matches between data elements in the medical record and EQRS) was 1.3% in CY2024. Of note, this overall error rate has been steadily declining over the past 5 years for a rate of 4.9% in CY2020. Of the 60 data elements examined, error rates generally ranged from 0 - 2.6%

References:

[1] End Stage Renal Disease Facility Data Validation. CMS QualityNet.
https://qualitynet.cms.gov/files/68d58e4e9fb3148bd3307ea6?filename=2025_EQRS_ExecSummary.pdf (accessed 5/12/2026)