



## **Minnesota Health Care Program Medicaid Managed Care**

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### **Encounter Data Validation Study (2025–2026) PrimeWest Health**

Final

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**Prepared on behalf of:  
The Minnesota Department of Human Services**

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## Executive Summary

The Minnesota (MN) Department of Human Services (DHS) has partnered with IPRO, an external quality review organization (EQRO), to conduct an encounter data validation (EDV) study for its Medicaid expansion program in alignment with the Centers for Medicare & Medicaid Services (CMS) external quality review (EQR) [Protocol 5. Validation of Encounter Data Reported by the Medicaid and CHIP \[Children's Health Insurance Program\] Managed Care Plan: An Optional EQR-Related Activity, February 2023.](#)

CMS encourages states to implement the voluntary EDV protocol due to the foundational need for complete and accurate encounter data to support state quality improvement efforts. Complete and accurate encounter data can lead agencies to drive healthcare improvements that can positively affect the overall population and favorably impact quality of life for those who have high-risk health issues. Frequent EDV activities conducted by state agencies or EQROs can help identify incomplete data, perform missing-data quality checks, and assess the frequency and impact of late encounter data submissions. Additionally, as federal programs transition toward payment reform for demonstrated quality of care, EDV will become increasingly important given the key role that data quality plays in supporting the accuracy and integrity of these programs.

The objective of this study was to verify the completeness, timeliness, and accuracy of encounter data submitted to MN DHS by the Medicaid managed care organization (MCO), PrimeWest Health. The encounter data submitted to MN DHS were reconciled with the corresponding source encounter data from the original adjudicated claims. All data element differences were reported and investigated.

No significant issues were found regarding PrimeWest Health data. The review of electronic encounter data did show that the findings for some data elements need to be reviewed by MN DHS and/or IPRO.

## Background

MN DHS collects encounter data from PrimeWest Health. Encounter submissions include all paid (original, corrected, adjusted/voided, and paid at \$0.00) encounter data and some partial paid or denied encounter data, as defined by MN DHS. All data reported and collected are housed within the state Managed Care Information System and maintained by fiscal intermediary, IBM®.

## Introduction

Encounter data reporting improvements are an ongoing project across federal and state healthcare agencies. Reliable and accurate encounter data can lead agencies to drive healthcare improvements that can positively affect the overall population and those who have high-risk health issues. Yearly EDV activities conducted by state agencies or EQROs can help identify incomplete data, perform missing data quality checks, and assess the frequency and impact of late encounter data submissions.

MN DHS collects encounter data from MCOs. The encounter submissions consist of all paid encounters, including:

- original,
- corrected,
- adjusted/voided,
- paid at zero dollar (alternative payment arrangements), and
- partial payments denied at the line level and paid at the header level.

All claims/encounters submitted to DHS are stored and maintained in MN DHS's Managed Care Information System and maintained by fiscal intermediary, IBM.

During calendar year (CY) 2025–2026, IPRO conducted an EDV study that compared the MCOs' claims data versus the encounter data of MN DHS's Managed Care Information System. To ensure complete and accurate data are received and available for reporting, IPRO compared the two sources of claims data.

The objective of this study was to verify the accuracy of encounter data submitted to DHS by the MCOs. The encounter data submitted to DHS were reconciled to the corresponding source claims data from the originally MCO adjudicated claims. All data element discrepancies were reported and investigated.

## Methodology

IPRO requested MCO claims data residing in the claims system for the periods of service from January 1, 2024, to December 31, 2024 for the eligible encounter types and data elements in **Tables 2, 5, 7, 9, and 11**. The 2025–2026 study was conducted for the following participating Medicaid MCOs:

- Blue Plus
- HealthPartners
- Hennepin Health
- Itasca Medical Care
- Medica
- PrimeWest Health
- South County Health Alliance
- UCare

IPRO requested the MCOs provide all originally adjudicated claims for the review period as noted in the objective, with service dates from January 1, 2024, to December 31, 2024, and submitted to the state between January 1, 2024, and March 31, 2025. For inpatient stays, the statement from-date was requested to be utilized. The MCOs were asked to select claims adjudicated by their organizations/vendors. The claims/encounters provided to IPRO included:

- original,
- corrected,
- adjusted/voided,
- paid at zero dollar (alternative payment arrangements), and
- partial payments denied at the line level and paid at the header level.

IPRO provided MCOs detailed documentation specifying the data elements used to compare to the claims/encounters IPRO received from DHS. The MCOs submitted applicable claims by claim type to IPRO. The EDV study was conducted utilizing the following methodology:

1. MCOs submitted specified data elements obtained from their adjudicated source claims that correspond to the selected audit period. To verify the source claims data, IPRO requested that the MCOs include the internal control number (ICN) if available; the ICN is obtained when the encounter is adjudicated in the state Medicaid Management Information System (MMIS).
2. IPRO imported the MCO files and generated separate data tables per encounter type per MCO. Analyses were conducted using SAS®.
3. IPRO identified the MCO encounters that matched with the MN DHS source data by DHS ICN and DHS line number for institutional, professional, and dental claim types. For pharmacy claim type, IPRO identified the MCO encounters that matched with the MN DHS source data by Medicaid member ID, dispense date, National Drug Code (NDC), prescribing provider NPI, amount paid, and DHS ICN.
4. For the MCO encounters that did not match with MN DHS source data, IPRO selected a random sample of 1,000 no match records for each encounter type for each MCO.
5. To identify discrepancies, IPRO compared the values of each data element from the MCO source data to values of the corresponding data element from MN DHS source data.
6. The percentage of records with discrepant values were calculated for each data element, and those with less than a 95.00% match rate were identified.
7. IPRO reviewed discrepancies and categorized the data element discrepancies for each encounter type, where applicable.
8. Among data elements with less than a 95.00% match rate, IPRO selected a random sample of 1,000 discrepant records for each encounter type and discrepancy category for each MCO. IPRO provided counts of all discrepant records by discrepancy category to MN DHS. The sample size was determined based on the number of discrepancies.

## Interviews with MCOs

I PRO conducted teleconferences with the MCOs to discuss the following:

- review of claim discrepancies identified by I PRO;
- review of discrepant claims on the MCO's claim adjudication system and the 837-encounter submission string for institutional, professional, and dental claims;
- review of discrepant claims on the National Council for Prescription Drug Program (NCPDP), for pharmacy claims;
- MCO demonstration of discrepant values from several claims included in the discrepant sample files were reviewed and displayed on the MCO's claims adjudication system; and
- following the review of the discrepant claims, MCOs displayed how each ICN's data elements appeared on the 837 submission string (institutional, professional, and dental claims) or the NCPDP (pharmacy claims) encounter extracts submitted to DHS.

Following the interviews with the MCOs, I PRO identified data inconsistencies that were discussed with MN DHS, to identify any inconsistencies between the values and/or information provided by the MCOs and confirmed the information DHS received for each data element by encounter type.

## Findings for PrimeWest Health by Claim Type

The PrimeWest Health EDV study call was conducted on January 5, 2026. PrimeWest Health's system was reviewed for discrepancies of data elements present in the encounter types between the submitted EDV data file and the data submitted to DHS. The attendees of the EDV study call included DHS, PrimeWest Health, Cirdan Health Systems and Consulting, MedImpact Healthcare Systems, and IPRO. Data elements with less than a 95.00% match rate were reviewed. IPRO reviewed discrepancies and categorized them for each encounter type. Findings are summarized in **Tables 2, 5, 7, 9, and 11**.

### Professional Claim Type

IPRO compared claims received in PrimeWest Health's EDV study data file to the encounter data received from MN DHS by DHS ICN and DHS line number. Encounters that did not match on DHS ICN and DHS line number were reviewed by PrimeWest Health, MN DHS, and IPRO. The non-matches were attributed to encounters that were voided and not included in the file from MN DHS.

**Table 1** identifies the match rates for the professional claim type.

**Table 1: Match Rate for the Professional Claim Type**

Encounter Data Type	Total Encounter Lines (n)	Matched Encounter Lines (n)	Match Rate (%)
Professional	1,555,569	1,528,768	98.28

IPRO compared each data element in PrimeWest Health's EDV study data file to the encounter data received from MN DHS. Data elements with less than a 95.00% match rate were reviewed by PrimeWest. During the teleconference, PrimeWest and IPRO reviewed the discrepancies. Findings are summarized in **Table 2**. Match rate percentages are rounded to the nearest hundredth.

**Table 2: Professional Data Element Discrepancies and Findings**

Data Element Name	Match (n)	Match Rate (%)	Notable Findings
MEDICAID_MEMBER_ID	1,528,768	100.00	-
MCO_ICN	1,528,768	100.00	-
MCO_TRACKING_ICN	1,527,665	99.93	-
DTE_FIRST_SVC	1,528,768	100.00	-
DTE_LAST_SVC	1,528,768	100.00	-
POS_CD	1,528,768	100.00	-
DIAGCD1	1,528,768	100.00	-
DIAGCD2	1,528,754	100.00	-
DIAGCD3	1,528,727	100.00	-
DIAGCD4	1,528,753	100.00	-
DIAGCD5	1,528,759	100.00	-
DIAGCD6	1,528,750	100.00	-
DIAGCD7	1,528,743	100.00	-
DIAGCD8	1,528,756	100.00	-
DIAGCD9	1,528,753	100.00	-
DIAGCD10	1,528,748	100.00	-
DIAGCD11	1,528,756	100.00	-
DIAGCD12	1,528,753	100.00	-

Data Element Name	Match (n)	Match Rate (%)	Notable Findings
AMT_OTH_INS_PD_HDR	1,437,373	94.02	Data element is summarized from AMT_OTH_INS_PD_HDR.  IPRO to discuss removing the data element from future EDV studies with MN DHS.
PAIDDATE_DTL	1,528,768	100.00	-
AMT_MCO_PAID_DTL	1,528,768	100.00	-
AMT_OTH_INS_PD_DTL	1,526,038	99.82	-
CLM_STATUS_DTL	1,528,768	100.00	-
PROC_CD	1,528,768	100.00	-
QTY_UNITS_BILLED	1,528,083	99.96	-
PROF_PROC_MOD_CD1	1,528,153	99.96	-
PROF_PROC_MOD_CD2	1,528,453	99.98	-
PROF_PROC_MOD_CD3	1,528,683	99.99	-
PROF_PROC_MOD_CD4	1,528,732	100.00	-
NDC_CODE	1,528,768	100.00	-
BILLING_PROV_NPI	1,528,373	99.97	-
RENDERING_PROV_NPI	1,528,328	99.97	-

EDV: encounter data validation; MN: Minnesota; DHS: Department of Human Services; ICN: internal control number; MCO: managed care organization; NDC: National Drug Code; NPI: National Provider Identifier.

### Institutional Inpatient Claim Type

IPRO compared each data element in PrimeWest Health’s EDV study data file to the encounter data received from MN DHS by DHS ICN and DHS line number. **Table 3** identifies the match rates for the institutional inpatient claim type. Encounters that did not match on DHS ICN and DHS line number were reviewed by PrimeWest Health, MN DHS, and IPRO. The non-matches were attributed to the following reasons:

- The encounters with a type of bill of Skilled Nursing Facility (“021”) or Residential Facility (“086”) were included in the EDV study data file as institutional inpatient claims and were received from MN DHS as institutional outpatient claims. **Table 4** identifies the match rates with the institutional outpatient file received from MN DHS for the encounters that did not match on DHS ICN and DHS line number.
- The encounters in the EDV study file received from PrimeWest Health were voided and not included in the file from MN DHS. Some of these claims were active as of March 31, 2025 but were subsequently voided and not in the file received from MN DHS.
- The encounters in the EDV study file received from PrimeWest Health included service-through dates that extended beyond the review period and were not in the file received from MN DHS.

**Table 3: Match Rate for the Institutional Inpatient Claim Type**

Encounter Data Type	Total Encounter Lines (n)	Matched Encounter Lines (n)	Match Rate (%)
Inpatient	80,127	68,807	85.87

**Table 4: Match Rate with the Outpatient DHS File**

Total Encounter Lines (n)	Not Matched Encounter Lines (n)	Match Rate by DHS ICN and DHS Line Number (%)	Match Rate by Encounter Lines by DHS ICN (%)	Match Rate Encounter Lines by DHS ICN and TOB 21 and 86 (%)
80,127	11,320	77.40	77.40	77.29

DHS: Department of Human Services; ICN: internal control number; TOB: type of bill.

Data elements with less than a 95.00% match rate were reviewed. Findings are summarized in **Table 5**. Match rate percentages are rounded to the nearest hundredth.

**Table 5: Institutional Inpatient Data Element Discrepancies and Findings**

Data Element Name	Match (n)	Match Rate (%)	Notable Findings
MEDICAID_MEMBER_ID	68,807	100.00	-
MCO_ICN	68,807	100.00	-
MCO_TRACKING_ICN	68,723	99.88	-
ADMIT_TYPE_CD	68,807	100.00	-
FAC_ADM_DT	68,807	100.00	-
START_DT	68,807	100.00	-
END_DT	68,807	100.00	-
DIS_STAT	68,807	100.00	-
TYPEBILL	68,807	100.00	-
TYPEBILL_FREQ	68,606	99.71	-
DIAGCD1	68,807	100.00	-
DIAGCD2	68,807	100.00	-
DIAGCD3	68,807	100.00	-
DIAGCD4	68,807	100.00	-
DIAGCD5	68,807	100.00	-
DIAGCD6	68,807	100.00	-
DIAGCD7	68,807	100.00	-
DIAGCD8	68,807	100.00	-
DIAGCD9	68,807	100.00	-
DIAGCD10	68,807	100.00	-
DIAGCD11	68,807	100.00	-
DIAGCD12	68,807	100.00	-
DIAGCD13	68,807	100.00	-
DIAGCD14	68,807	100.00	-
DIAGCD15	68,807	100.00	-
DIAGCD16	68,807	100.00	-
DIAGCD17	68,807	100.00	-
DIAGCD18	68,807	100.00	-
DIAGCD19	68,807	100.00	-
DIAGCD20	68,807	100.00	-
DIAGCD21	68,807	100.00	-
DIAGCD22	68,807	100.00	-
DIAGCD23	68,807	100.00	-

Data Element Name	Match (n)	Match Rate (%)	Notable Findings
DIAGCD24	68,807	100.00	-
DIAGCD25	68,807	100.00	-
DX_ADMIT	68,807	100.00	-
PATIENT_RSON_VIS_1	68,807	100.00	-
PATIENT_RSON_VIS_2	68,807	100.00	-
PATIENT_RSON_VIS_3	68,807	100.00	-
ECODE_1	67,111	97.54	-
ECODE_2	66,557	96.73	-
ECODE_3	68,177	99.08	-
ECODE_4	68,631	99.74	-
ECODE_5	68,785	99.97	-
ECODE_6	68,807	100.00	-
ECODE_7	68,807	100.00	-
ECODE_8	68,807	100.00	-
ECODE_9	68,807	100.00	-
ECODE_10	68,807	100.00	-
ECODE_11	68,807	100.00	-
ECODE_12	68,807	100.00	-
SURG1	68,807	100.00	-
SURG2	68,807	100.00	-
SURG3	68,807	100.00	-
SURGDTE1	68,807	100.00	-
SURGDTE2	68,807	100.00	-
SURGDTE3	68,807	100.00	-
PAIDDATE_HDR	68,807	100.00	-
AMT_MCO_PAID_HDR	68,807	100.00	-
AMT_OTH_INS_PD_HDR	68,513	99.57	-
AMT_OTH_INS_PD_DTL	68,807	100.00	-
CLM_STATUS_HDR	68,796	99.98	-
UNITS_BILLED	68,806	100.00	-
REVENUE_CODE	68,807	100.00	-
BILLING_PROV_NPI	68,807	100.00	-
ATTENDING_PROV_NPI	65,810	95.64	-

ICN: internal control number; MCO: managed care organization; NPI: National Provider Identifier.

### Institutional Outpatient Claim Type

IPRO compared each data element in PrimeWest Health’s EDV study data file to the encounter data received from MN DHS. **Table 6** identifies the match rates for the institutional outpatient claim type. Encounters that did not match on DHS ICN and DHS line number were reviewed by PrimeWest Health, MN DHS, and IPRO. The non-matches were attributed to voided encounter version of the claim.

**Table 6: Match Rate for the Institutional Outpatient Claim Type**

Encounter Data Type	Total Encounter Lines (n)	Matched Encounter Lines (n)	Match Rate (%)
Outpatient	1,104,424	1,054,031	95.44

Data elements with less than a 95.00% match rate were reviewed. Findings are summarized in **Table 7**. Match rate percentages are rounded to the nearest hundredth.

**Table 7: Institutional Outpatient Data Element Discrepancies and Findings**

Data Element Name	Match (n)	Match Rate (%)	Notable Findings
MEDICAID_MEMBER_ID	1,054,031	100.00	-
MCO_ICN	1,054,031	100.00	-
MCO_TRACKING_ICN	1,050,560	99.67	-
ADMIT_TYPE_CD	1,054,031	100.00	-
FAC_ADM_DT	1,054,031	100.00	-
START_DT	1,054,030	100.00	-
END_DT	1,054,031	100.00	-
DTL_SVC_DT	1,054,029	100.00	-
DIS_STAT	1,054,031	100.00	-
TYPEBILL	1,053,999	100.00	-
TYPEBILL_FREQ	1,048,453	99.47	-
DIAGCD1	1,054,031	100.00	-
DIAGCD2	1,054,031	100.00	-
DIAGCD3	1,054,031	100.00	-
DIAGCD4	1,054,031	100.00	-
DIAGCD5	1,054,031	100.00	-
DIAGCD6	1,054,031	100.00	-
DIAGCD7	1,054,031	100.00	-
DIAGCD8	1,054,031	100.00	-
DIAGCD9	1,054,031	100.00	-
DIAGCD10	1,054,031	100.00	-
DIAGCD11	1,054,031	100.00	-
DIAGCD12	1,054,031	100.00	-
DIAGCD13	1,054,031	100.00	-
DIAGCD14	1,054,031	100.00	-
DIAGCD15	1,054,031	100.00	-
DIAGCD16	1,054,031	100.00	-
DIAGCD17	1,054,031	100.00	-
DIAGCD18	1,054,031	100.00	-
DIAGCD19	1,054,031	100.00	-
DIAGCD20	1,054,031	100.00	-
DIAGCD21	1,054,031	100.00	-
DIAGCD22	1,054,031	100.00	-
DIAGCD23	1,054,031	100.00	-
DIAGCD24	1,054,031	100.00	-
DIAGCD25	1,054,031	100.00	-

Data Element Name	Match (n)	Match Rate (%)	Notable Findings
DX_ADMIT	1,054,031	100.00	-
PATIENT_RSON_VIS_1	1,054,031	100.00	-
PATIENT_RSON_VIS_2	1,054,031	100.00	-
PATIENT_RSON_VIS_3	1,054,031	100.00	-
ECODE_1	990,199	93.94	PrimeWest confirmed the values it provided on the EDV study matched the values in the 837I file and its claims system.  IPRO to discuss this discrepancy with MN DHS.
ECODE_2	1,037,976	98.48	See finding for ECODE_1.
ECODE_3	1,049,781	99.60	See finding for ECODE_1.
ECODE_4	1,053,246	99.93	See finding for ECODE_1.
ECODE_5	1,053,982	100.00	See finding for ECODE_1.
ECODE_6	1,054,031	100.00	See finding for ECODE_1.
ECODE_7	1,054,031	100.00	See finding for ECODE_1.
ECODE_8	1,054,031	100.00	See finding for ECODE_1.
ECODE_9	1,054,031	100.00	See finding for ECODE_1.
ECODE_10	1,054,031	100.00	See finding for ECODE_1.
ECODE_11	1,054,031	100.00	See finding for ECODE_1.
ECODE_12	1,054,031	100.00	See finding for ECODE_1.
SURG1	1,054,031	100.00	-
SURG2	1,054,031	100.00	-
SURG3	1,054,031	100.00	-
SURGDTE1	1,054,031	100.00	-
SURGDTE2	1,054,031	100.00	-
SURGDTE3	1,054,031	100.00	-
PAIDDATE_HDR	1,054,031	100.00	-
AMT_MCO_PAID_HDR	1,054,031	100.00	-
AMT_OTH_INS_PD_HDR	913,103	86.63	Data element is summarized from AMT_OTH_INS_PD_DTL.  IPRO to discuss removing the data element from future EDV studies with MN DHS.
PAIDDATE_DTL	1,054,031	100.00	-
AMT_MCO_PAID_DTL	1,054,031	100.00	-
AMT_OTH_INS_PD_DTL	1,053,962	99.99	-
CLM_STATUS_HDR	1,053,547	99.95	-
CLM_STATUS_DTL	1,054,031	100.00	-
PROC_CD	1,054,031	100.00	-
UNITS_BILLED	1,054,014	100.00	-
MODIFIER1	1,049,823	99.60	-
MODIFIER2	1,051,401	99.75	-
MODIFIER3	1,052,866	99.89	-
MODIFIER4	1,053,646	99.96	-

Data Element Name	Match (n)	Match Rate (%)	Notable Findings
REVENUE_CODE	1,054,031	100.00	-
NDC_CODE	1,043,608	99.01	-
BILLING_PROV_NPI	1,054,031	100.00	-
ATTENDING_PROV_NPI	1,008,386	95.67	-
REFERRING_PROV_NPI	1,052,160	99.82	-

EDV: encounter data validation; MN: Minnesota; DHS: Department of Human Services; ICN: internal control number; MCO: managed care organization; NDC: National Drug Code; NPI: National Provider Identifier.

### Dental Claim Type

IPRO compared each data element in PrimeWest Health’s EDV study data file to the encounter data received from MN DHS. Encounters that did not match on DHS ICN and DHS line number were reviewed by PrimeWest Health, MN DHS, and IPRO. The non-matches were attributed to voided encounter version of the claim. **Table 8** identifies the match rates for the dental claim type.

**Table 8: Match Rate for the Dental Claim Type**

Encounter Data Type	Total Encounter Lines (n)	Matched Encounter Lines (n)	Match Rate (%)
Dental	164,955	164,020	99.43

Data elements with less than a 95.00% match rate were reviewed. Findings are summarized in **Table 9**. Match rate percentages are rounded to the nearest hundredth.

**Table 9: Dental Data Element Discrepancies and Findings**

Data Element Name	Match (n)	Match Rate (%)	Notable Findings
MEDICAID_MEMBER_ID	164,020	100.00	-
MCO_ICN	164,020	100.00	-
MCO_TRACKING_ICN	163,978	99.97	-
DTE_FIRST_SVC_HDR	162,193	98.89	-
DTE_LAST_SVC_HDR	162,155	98.86	-
DTE_FIRST_SVC_DTL	164,020	100.00	-
DTE_LAST_SVC_DTL	164,020	100.00	-
UNITS_BILLED	163,072	99.42	-
POS_CD	164,020	100.00	-
PAIDDATE_HDR	161,715	98.59	-
AMT_MCO_PAID_HDR	164,020	100.00	-
AMT_OTH_INS_PD_HDR	163,855	99.90	-
PAIDDATE_DTL	164,020	100.00	-
AMT_MCO_PAID_DTL	164,020	100.00	-
AMT_OTH_INS_PD_DTL	164,017	100.00	-
CLM_STATUS_HDR	163,973	99.97	-
CLM_STATUS_DTL	164,020	100.00	-
DIAGCD1	164,020	100.00	-
DIAGCD2	164,020	100.00	-

Data Element Name	Match (n)	Match Rate (%)	Notable Findings
DIAGCD3	164,020	100.00	-
DIAGCD4	164,020	100.00	-
CDT	164,020	100.00	-
TOOTHNUMBER	164,020	100.00	-
MODIFIER1	164,008	99.99	-
MODIFIER2	164,020	100.00	-
MODIFIER3	164,020	100.00	-
MODIFIER4	164,020	100.00	-
BILLING_PROV_NPI	164,020	100.00	-
RENDERING_PROV_NPI	164,020	98.71	-

ICN: internal control number; MCO: managed care organization; NPI: National Provider Identifier.

### Pharmacy Claim Type

I PRO compared each data element in PrimeWest Health’s EDV study data file to the encounter data received from MN DHS. Encounters that did not match on Medicaid member ID, dispense date, NDC, prescribing provider NPI, amount paid, and DHS ICN were reviewed by PrimeWest Health, MN DHS, and I PRO. **Table 10** identifies the match rates for the pharmacy claim type. The non-matches were attributed to the following reasons:

- The encounters were voided and not included in the file from MN DHS.
- The encounters were initially active in the claim system and subsequently voided. The non-match could be due to timing.
- The encounters were successfully submitted to MN DHS.

**Table 10: Match Rate for the Pharmacy Claim Type**

Encounter Data Type	Total Encounter Lines (n)	Matched Encounter Lines (n)	Match Rate (%)
Pharmacy	989,540	950,102	96.01

Data elements with less than a 95.00% match rate were reviewed. Findings are summarized in **Table 11**. Match rate percentages are rounded to the nearest hundredth.

**Table 11: Pharmacy Data Element Discrepancies and Findings**

Data Element Name	Match (n)	Match Rate (%)	Notable Findings
MEDICAID_MEMBER_ID	950,102	100.00	-
MCO_ICN	950,102	100.00	-
MCO_TRACKING_ICN	950,102	100.00	-
DTE_FIRST_SVC	950,102	100.00	-
PAIDDATE_HDR	950,102	100.00	-
AMT_MCO_PAID_HDR	950,102	100.00	-

<b>Data Element Name</b>	<b>Match (n)</b>	<b>Match Rate (%)</b>	<b>Notable Findings</b>
COST_INGRD_AMT	143,567	15.11	PrimeWest confirmed the values it provided on the EDV study matched the values in the NCPDP file and its claims system.  I PRO to discuss this discrepancy with MN DHS.
CLM_STATUS_HDR	950,102	100.00	-
PRESC_PROV_NPI	950,102	100.00	-
PRESC_DATE	950,102	100.00	-
NUM_PRESC_ID	950,102	100.00	-
DISPENSE_DATE	950,102	100.00	-
NDC_CODE	950,102	100.00	-
QTY_DISPENSE_DTL	948,242	99.80	-
NUM_DAY_SUPPLY	950,098	100.00	-

EDV: encounter data validation; MN: Minnesota; DHS: Department of Human Services; ICN: internal control number; MCO: managed care organization; NCPDP: National Council for Prescription Drug Program; NDC: National Drug Code; NPI: National Provider Identifier.

## Conclusions and Recommendations

IPRO finds there to be no material electronic encounter data issues. The completeness, timeliness, and accuracy of electronic encounter data collected and submitted are sufficient for the MCO to help inform quality improvement initiatives.

IPRO's findings are based upon the review of the PrimeWest Health EDV study file matches the MN DHS file, review of the values for the sampled electronic encounters, identification and research of the discrepant values, review of the discrepancy reasons received from PrimeWest Health, and discussions with PrimeWest Health and MN DHS.

## Findings for Electronic Encounter Data

### Professional Encounter Data Type Only

- AMT\_OTH\_INS\_PD\_HDR: PrimeWest Health indicated that the data element is summarized from AMT\_OTH\_INS\_PD\_DTL. IPRO to discuss this discrepancy with MN DHS.

### Institutional Outpatient Encounter Data Type Only

- ECODE\_1: In the encounter example that PrimeWest Health reviewed, the values submitted for the EDV study aligned with both the 837I file and its claims system. IPRO will discuss this discrepancy with MN DHS.
- AMT\_OTH\_INS\_PD\_HDR: Data element is summarized from AMT\_OTH\_INS\_PD\_DTL. IPRO to discuss removing the data element from future EDV studies with MN DHS.

### Pharmacy Encounter Data Type Only

- COST\_INGRD\_AMT: In the encounter example that PrimeWest Health reviewed, the values it submitted for the EDV study matched the values in the NCPDP file and its claims system. IPRO will discuss this discrepancy with MN DHS.

### Professional and Institutional Outpatient Encounter Data Types Only

- AMT\_OTH\_INS\_PD\_HDR: PrimeWest Health indicated that the data element is summarized from AMT\_OTH\_INS\_PD\_DTL. IPRO will discuss this discrepancy with MN DHS.

## Recommendations for Future EDV Studies

- AMT\_OTH\_INS\_PD\_HDR: Data element is summarized from AMT\_OTH\_INS\_PD\_DTL. IPRO to discuss removing this data element from future EDV studies with MN DHS.