# Manifest MEDEX

# Improve Your Data Quality with Manifest MedEx

## Explore Our Enhanced Data Services

Data quality remains a challenge in healthcare. In a recent **survey** of health industry producers, users, and supporters of patient data, 68% of participants rated the quality of their enterprise patient data as "mixed" or "poor," citing limited time and resources, unstructured data, and lack of interoperability among the top contributors to poor data quality. These issues can lead to inaccurate patient information — impacting diagnoses, treatment plans, and overall health outcomes. Poor data quality can also lead to inaccurate and incomplete reporting for Healthcare Effectiveness Data and Information Set (HEDIS®) measures, and potentially negatively impact health plan quality ratings, quality improvement initiatives, and reimbursement.

To help health plans improve data quality, Manifest MedEx offers "uplifted," that is, enhanced and improved, normalized data in our **NCQA Data Aggregator Validation Services** and **Longitudinal Patient Summaries**.

## Enhanced Data Process

Manifest MedEx enhances and improves member data by mapping local codes to standard codes for ten data domains, several relevant to HEDIS reporting. Data domains available for uplift may vary by MX product/service. Standardizing thousands of data elements across these data domains to the correct codes ensures consistency across multiple sources, helps identify and correct errors, and ensures the data is valid for reporting. Improperly coded data often errors out of HEDIS engines, leading to underreporting.

## Standardized Data Domains and Designated Standard Codes in Enhanced Data

| Data Domains | Designated Standard Codes |
|---|---|
| **Allergies** | SNOMED CT |
| **Diagnoses** | ICD10CM |
| **Ethnicity** | LOINC |
| **Immunizations** | CVX, NDC |
| **Labs** | LOINC |
| **Medications** | NDC, RXNorm |
| **Problems** | SNOMED CT, ICD10CM |
| **Procedures** | CPT, HCPCS |
| **Race** | LOINC |
| **Vitals** | LOINC |

## Improved Data Quality and Use

In a random uplifted sample of 25,000 longitudinal CCDAs from Manifest MedEx's database, Manifest MedEx was able to improve:

| Allergy codes by | Medication codes by | Condition codes by | Procedure codes by | Immunization codes by | Lab codes by |
|---|---|---|---|---|---|
| **84%** | **36%** | **14%** | **9%** | **7%** | **3%** |

The 84% increase in allergy codes alone is significant. An estimated 12% of **medication errors** are due to a lack of understanding of drug allergies, and 8% to 13% of medication errors are preventable due to an allergy being documented at the time a medication is ordered. While clinicians routinely elicit allergy information, allergies are often poorly documented in electronic health records (EHRs) due to a lack of comprehensive and standard allergy terminology. Most EHRs use proprietary terminology, and the allergy is often entered as uncoded free text when it is not found in the EHR pick list.

Improved data quality in allergy and medication coding can reduce medication errors and better support HEDIS measures such as the Asthma Medication Ratio (AMR) and Medication Management for People with Asthma (MMA). These measures focus on the appropriate use of asthma controller medications to help manage symptoms, which are often triggered by allergens.

## Enhanced Data in NCQA Data Aggregator Validation Services

With MX's Data Aggregator Validation Services, health plans have access to standard supplemental data for HEDIS reporting from hundreds of providers through a single data feed instead of obtaining and validating clinical data from each individual provider directly. Manifest MedEx is one of the first health information organizations in the country with NCQA's Validated Data Stream designation. The designation confirms that validated data provided by Manifest MedEx accurately reflects what is documented in the provider's EHR and can be used as standard supplemental data in HEDIS audits. Manifest MedEx has consecutively passed this rigorous validation process from NCQA since 2021.

Health plans can use this validated data without additional Primary Source Verification (PSV). This reduces the time health plans spend collecting member charts and confirming accurate data. It also reduces the burden for providers. With MX, providers only need to share and validate data once, rather than responding to "chart chases" and validation requests from multiple health plans every year.

With this premium data service, health plans not only save time, but also can report on measures more accurately and completely.

**Enhanced Data Domains and Designated Standard Coding Systems for NCQA Validated Data**

| Data Domains | Designated Standard Codes |
|---|---|
| **Immunizations** | CVX, NDC |
| **Labs** | LOINC |
| **Medications** | NDC, RXNorm |
| **Problems** | SNOMED CT, ICD10CM |
| **Procedures** | CPT, HCPCS |
| **Vitals** | LOINC |

## Enhanced Data in Manifest MedEx's Longitudinal Patient Summaries

Healthcare providers, hospitals, and health plans need as complete a picture as possible of a person's health and health history to assess risk factors, provide education, and enable informed clinical decision-making. However, health data is often fragmented and siloed. Healthcare organizations may lack critical historical and current health information from other providers and facilities if they rely solely on health data found within their own EHR system.

Manifest MedEx aggregates, normalizes, and matches health and social health data across our vast network to create longitudinal health summaries that give healthcare organizations a better and more thorough understanding of a person's health. These individual health summaries include all the encounter information, lab results, medications, immunizations, and other health and demographic information that has been shared by our participants in our health data network in one record. The summaries, which may include CCDAs, HL7 messages, and other types of data, can also be enhanced to improve the quality and consistency of the data and then securely received, ingested, and integrated directly into a health plan or IPA's electronic health records, population health management platform, or care coordination systems. All ten data domains are uplifted in MX's Longitudinal Patient Summaries. The data is provided in the same format as non-enhanced data, minimizing the impact and effort required to use this improved data set.

## About the Manifest MedEx Network

Manifest MedEx seamlessly connects and exchanges data with more than 70 different EHRs across California – from the largest vendors used by hospitals, health plans, larger physician groups, and FQHCs to smaller EHRs more common among independent practices, community health centers, and other providers.

**3,000** PARTICIPANTS

**NCQA** VALIDATED

**50M** RECORDS

**3M** ADT NOTIFICATIONS SENT/MONTH

**19** HEALTH PLANS IN THE NETWORK

**For more information on enhanced data services from Manifest MedEx, please contact us at info@manifestmedex.org.**