

Nasdaq Medical Claims Insights

Executive Summary

Nasdaq Medical Claims Insights [NMCI] provides weekly insights into medical and prescription claims of over 250 million US patients. Each month we see hundreds of millions of records from over 100 million US patients. The dataset contains over \$700 billion in claims annually across 500 payer organizations and can be used to track the real-time performance of companies within the healthcare industry and discover emerging trends.

ATTRIBUTE	COMMENT
Length of History	From 2010
Data Frequency	Daily
Delivery Frequency	Weekly
Data Granularity	Raw anonymized medical and pharmacy claims data at the patient level.
Data Reporting Lag	Varies depending on underlying source
Coverage	Covers over 250 million patients, with events from over 25 000 pharmacies and 300 000 medical facilities.

Use Cases

NCMI offers a wide range of use cases for financial market participants, particularly due to the timeliness and granularity of its data. With near real-time insights, users can forecast key metrics such as drug unit prescriptions, new patient starts, total dispenses, medical treatments and more. Beyond topline prescription numbers, the patient-level detail enables deeper analysis. For example, users can measure:

- The percentage of patients who discontinue a prescription after a specific duration
- Dosage distribution across patient populations
- Drug-switching behavior, including transitions from one therapy to another
- Shifts from brand-name drugs to generics
- Market share of similar drugs

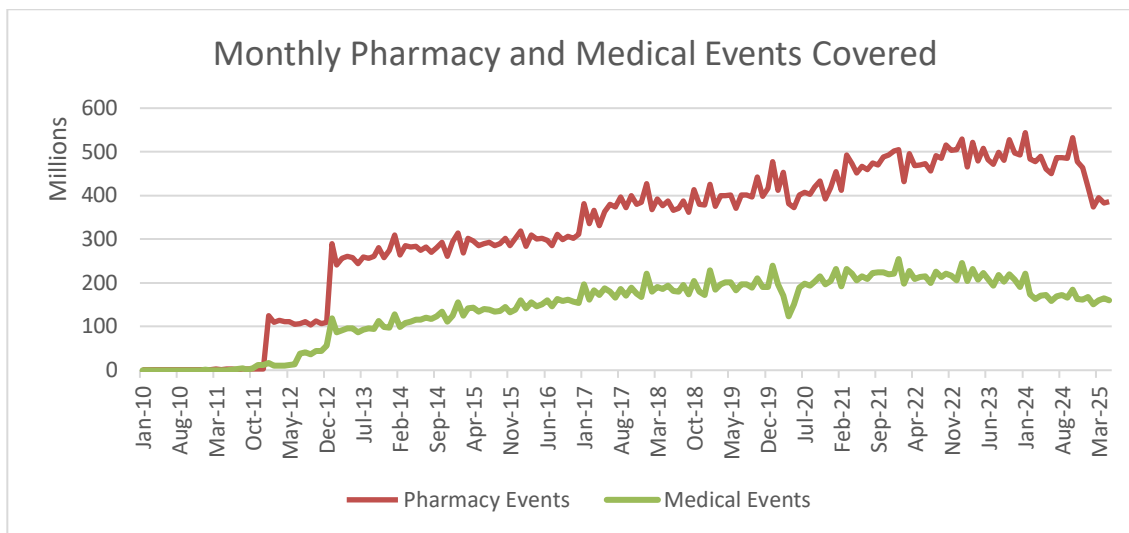
These dynamics are especially critical to monitor following the launch of a new drugs and drugs sold at specialty pharmacies. Additionally, because prescriptions are mapped to the parent company of the dispensing pharmacy, the data can be used to track changes in prescription volume across pharmacy chains. Insurance providers are also mapped, allowing users to analyze claim behavior by insurer—offering valuable insights into payer trends and market access.

Methodology

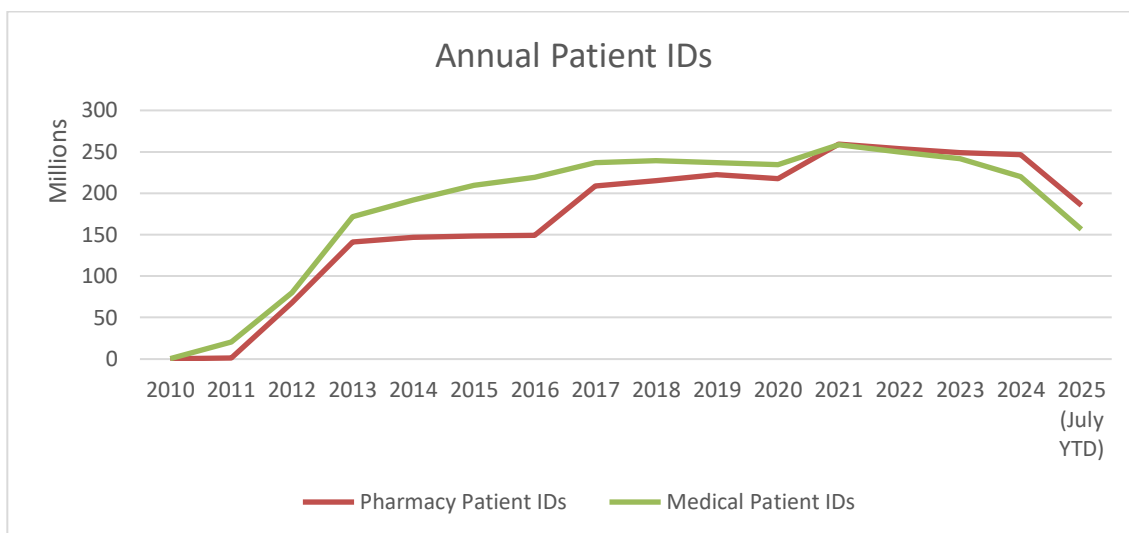
The underlying data is collected from 20+ clearing houses, providers, payers, and health tech companies. Our partner consolidates the data, cleans and unifies them. The data is enhanced by mapping drugs names to labeller names and labeller names to the parent ISIN.

Coverage

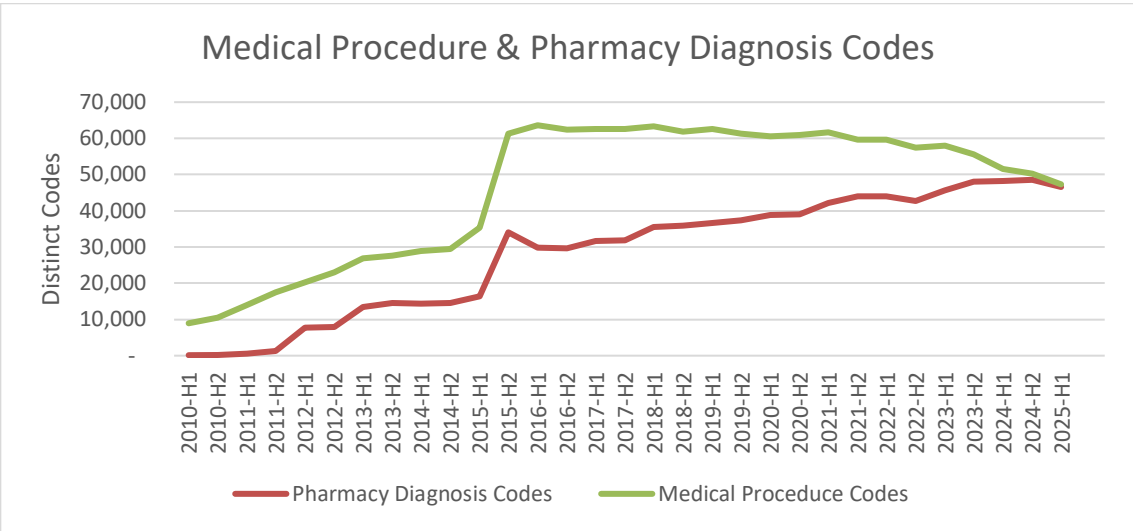
Each month, approximately 185 million medical events and 400 million pharmacy events are captured each month



Approximately 250 million users are covered in the Pharmacy and Medical tables.



There are approximately 60,000 Medical Procedure codes and 50,000 Pharmacy Diagnosis codes tracked.



There are approximately 300,000 NDC11 codes covered in the Pharmacy table and 130,000 NDC11 codes covered in the Medical table.

