

# MarketScan Commercial Classroom Edition Database

## Meeting the Needs of our Academic clients

Merative MarketScan® Research databases have long served the academic market, with many clients requesting a version specifically for classroom use. As the needs of the academic market evolve and some competitors exit this space, Merative is introducing the new MarketScan Commercial Classroom Edition.

MarketScan captures person-specific clinical utilization, expenditures, and enrollment across inpatient, outpatient, prescription drug, and carve-out services for commercially insured populations. The databases aggregate claims and enrollment data from large, self-insured employers, health plans, government, and public organizations, linking paid claims to detailed patient information across sites, providers, and time.

## MarketScan Commercial Classroom Edition Database

The Classroom Edition is derived from the MarketScan Commercial Database, meeting the standards of a Limited Data Set (LDS) and academic standards for classroom use. It includes annual releases of MarketScan Commercial Set A, covering up to five million members with data from 2013 to 2017. Only individuals with a low risk of re-identification are included in this database.

## Key Differences in the Classroom Edition

The Classroom Edition retains most data elements from the MarketScan Commercial claims database but includes some modifications to comply with LDS and academic standards.

## Here is a summary of these changes:

### New Variables:

- Service Order (SVCORDER): Orders the sequence of inpatient or outpatient services or when a prescription was filled, incremented by the number of days between services and reset annually.
- Length of Service (SVCLLEN): The number of days between the Date Service Incurred and the Date Service Ended.

### Geography:

- Region (REGION): Retained.
- MSA and EGEOLOC: Removed.

### Date Fields:

- Converted to years and linked to SVCORDER and SVCLLEN.
- Admit Date (ADMDATE), Discharge Date (DISDATE), Date Service Ended (TSVCDAT), Date Service Incurred (SVCDATE): Aggregated to year.

### Enrollment Detail Table (T):

- Annual Enrollment Table (A): Modified to replace monthly fields with annual fields.

### Age:

- Age Group (AGEGRP): Included.
- Age (AGE): Removed.
- Year of Birth (DOBYR): Modified; ages over 90 re-coded to age 90.

### Additional Field Modifications:

- Values of CASEID, EFAMID, ENROLID, FACHDID, MSCLMID, SEQNUM modified to prevent matching to MarketScan Standard.