# ID*Analyze*™

**A more accurate assessment of your duplicate rate and a customized solution for remediation and prevention**

Duplicate patient records continue to plague healthcare organizations. The industry recognizes that duplicate rates hover in the 5% to 15% range. Duplicate records impact the quality of patient care and add significant costs to an organization through repeated tests, delayed collections and the cost to correct. Denied claims attributed to inaccurate patient matching alone cost the average hospital ~$1.5M annually.

## Do You Know What You Don't Know?

If you are relying on the algorithms embedded within your MPI or EHR to identify duplicates, then you are not seeing a true picture of your duplicate rate.

## Why?

This is because the MPI and EHR technologies were not designed to focus on the duplicate record problem. They employ 'basic' or 'intermediate' patient matching algorithms that miss up to 80% of true duplicates. 'Advanced' algorithms, on the other hand, use more sophisticated techniques that can identify in excess of 95% of your true duplicates. The algorithms used by Just Associates fall into the 'advanced' category and will find more true duplicates and at the same time reduce the number of false positives.

> " Just Associates performed a detailed duplicate analysis across several disparate databases using their advanced algorithms and identified over a dozen separate duplication scenarios and more duplicates than Cerner identified."
>
> **Bill Eubanks,** CHCIO
> *Senior Vice P resident and CIO*
> UMC Health System | Lubbock, TX



# Just Associates
### MASTERING PATIENT IDENTITY

Just Associates provides consulting services that decrease data integrity issues and minimize the ongoing costs of maintaining patient data quality. We focus on helping healthcare organizations identify and resolve these issues and ensure accurate patient matching.

# ID*Analyze*™

## Can your MPI/EHR identify this Duplicate?

| NAME | GENDER | DOB | SSN | ADDRESS | PHONE |
|------|--------|-----|-----|---------|-------|
| Annebelle J Wright | Female | 08/12/1996 | 489-34-8734 | 3169 Kinwood Drive Minneapolis, MN 55321 | (612) 459-8765 |
| Annabelle  Wright | Female | 08/22/1996 | 999-99-9999 | 3169 Kenwood Drive Maple Grove, MN 55321 | (612) 459-8765 |

## The answer is likely No!

Our research has demonstrated that over 60% of duplicate records contain two or more discrepant data elements. These types of duplicates are routinely missed by MPI/EHR platforms.
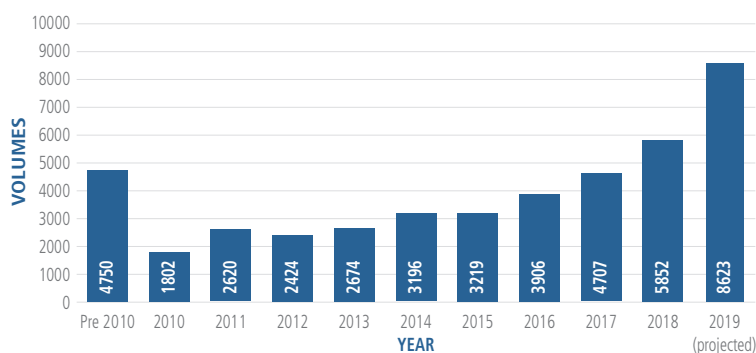
### A Simple Process

- We receive an extract of your MPI data via SFTP
- We analyze your data for possible duplicates/overlaps
- We generate our duplicate reports and benchmark your results
- We review our results and formulate a clean-up plan

### ID*Analyze* Provides Powerful Tools.

- A duplicate record analysis from Just Associates will provide a more accurate view of your duplicate rate.
- You will receive a report identifying possible duplicates and overlaps broken into pairs /multiples and ranked by confidence level.
- Data Integrity summary statistics will help to benchmark your organization's data quality against national averages.
- A thorough assessment of your data can also help identify the sources of your duplicates and help reduce duplicate creation.
- A breakdown of possible duplicates by last visit date can help to prioritize your clean-up efforts.
- A customized solution for resolving your duplicates will be mapped out. This can range from a comprehensive clean-up project to our ID*Manage*® ongoing MPI support services.
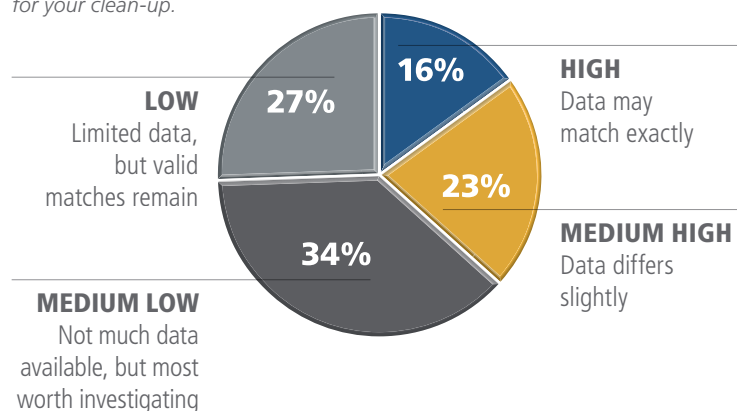
### Possible Duplicates by Last Visit date (Sample Reports)

*Viewing a distribution of possible duplicates by last visit date can help to prioritize your cleanup efforts.*



| YEAR | VOLUMES |
|------|---------|
| Pre 2010 | 4750 |
| 2010 | 1802 |
| 2011 | 2620 |
| 2012 | 2424 |
| 2013 | 2674 |
| 2014 | 3196 |
| 2015 | 3219 |
| 2016 | 3906 |
| 2017 | 4707 |
| 2018 | 5852 |
| 2019 (projected) | 8623 |

### Possible Duplicate Pairs by Probability

*Possible duplicates broken down by probability helps you gauge the work effort for your clean-up.*



- **HIGH** — 16% — Data may match exactly
- **MEDIUM HIGH** — 23% — Data differs slightly
- **MEDIUM LOW** — 34% — Not much data available, but most worth investigating
- **LOW** — 27% — Limited data, but valid matches remain

## Are you prepared to meet the ONC's guidelines for duplicate records: 0.5%?

The Office of the National Coordinator for Health Information Technology (ONC) delivered its vision for achieving an interoperable health IT infrastructure.  Its roadmap included lowering duplicate record rates to 0.5% by 2020 and to 0.01% by 2024.

## Contact Just Associates to schedule your ID*Analyze* Duplicate Record Analysis.

**303.693.4727 | www.justassociates.com**