

The Organization:

Our client is a Public Health service provider currently administering federal AIDS Drug Assistance Program (ADAP) services to the states of California and Washington. In California, the program is known as the AIDS Drug Assistance Program (ADAP) while in Washington, the program is known as the AIDS Prescription Drug Program (APDP).

The Business Issue:

The increase in program size as well as the number of eligible, medically indigent population has necessitated a solution that can meet the growing reporting needs for the users. The core of the solution proposed by Jaypar was a data warehouse that would aggregate data from the different operational data sources. The data warehouse platform was Microsoft SQL Server and the ETL tool was Data Integrator from Business Objects. The Business Intelligence solution was Business Objects – Crystal Reports and WebI.

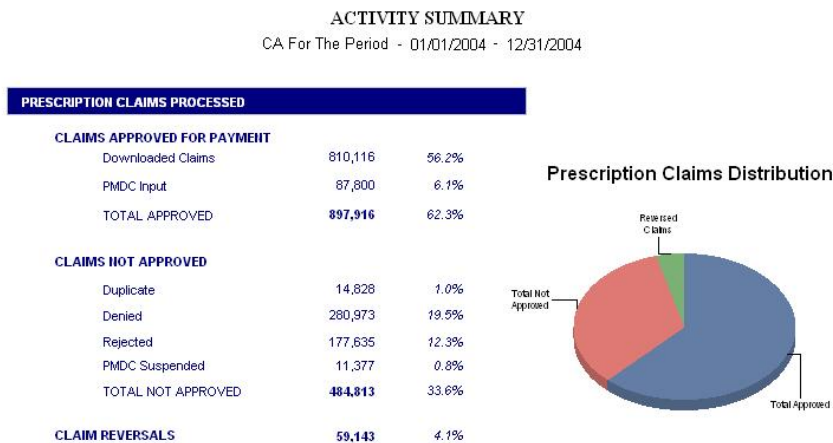
The Solution

Jaypar utilized their domain knowledge in healthcare to analyze the customer’s requirements and designed data warehouse consisting of a staging area and several data marts. Reporting and Analysis was enabled from the data warehouse.

Standard Reporting:

Some of the standard reports developed by Jaypar included:

- Adherence Reports with multi level drill down to Pharmacy, doctor and patient
- Exception Reporting including duplicate claims and suspended claims
- Recommended drug combination effectiveness report



Fraud Detection:

Using data from the data warehouse Jaypar was able to develop reports that detected possible fraudulent behavior patterns among patients.

Analytics:

Using the data warehouse and Business Object’s Web Based Analysis tool – WebI, Jaypar was able to enable key business users to analyze program data and patient statistics without the help of IT intervention increasing their productivity significantly.