

Overview

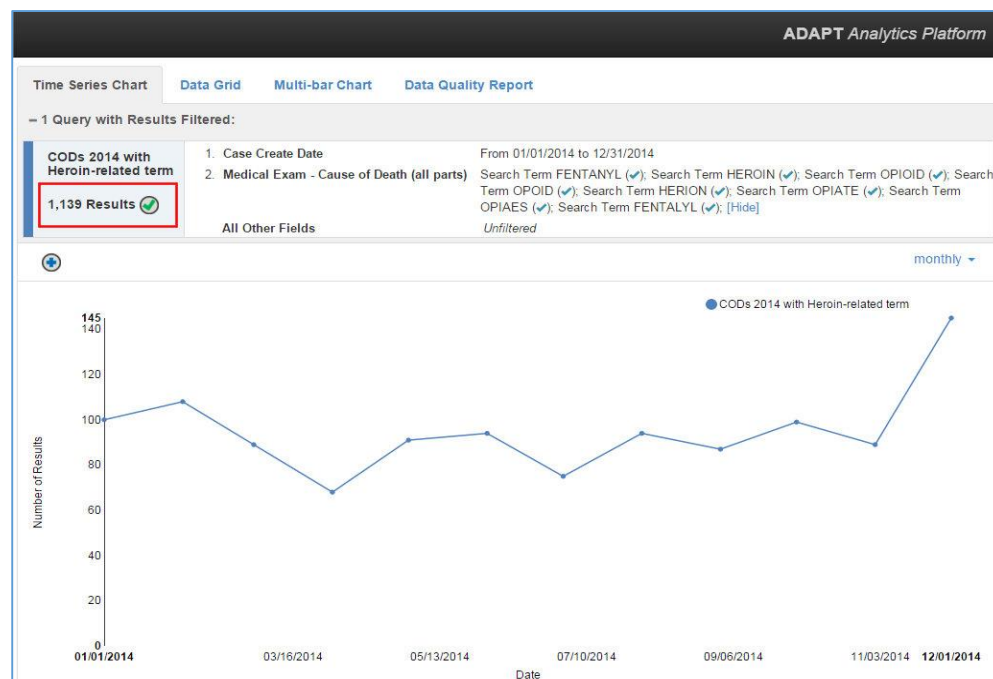
xFact has developed a highly-performant data analytics platform called **ADAPT**. ADPAT delivers knowledge to government executives, agency heads, and analysts by supporting planning, policy initiatives, spending and legislative requests. ADAPT includes a complete data delivery model for problem definition, data design, extraction, transformation, and presentation. In addition, to the data analytics-platform ADAPT provides an analysis tool that enables users to visualize and present data in many ways. ADAPT maximizes **return on information** by making previously unavailable data accessible and usable to aid in decision making.

Use Case & Approach

1. **Critical Question:** Massachusetts Office of the Chief Medical Examiner needs to determine opiate-related cause of deaths; a challenge with current system.
2. **Availability of Data:** xFact found multiple cause of death fields with no standard values and various data quality issues in the source data.
3. **Extract and Transform:** xFact retrieved all causes of deaths and merged into searchable cause of death field.
4. **Package Information:** xFact provided access to searchable cause of death in ADAPT query parameters.
5. **Evaluate and Refine:** Chief Medical Examiner identified ALL results by using ADAPT’s browser based tool.

Use Case Results

Confirmed opiate-related deaths in Massachusetts 2014: **1,139***



* This is for illustrative purposes only and is not an official published figure