

## National Youth In Transition Database (NYTD) ETL Process

### Extract

1. Extract survey-eligible youth data each month from SACWIS
  - a. Identifiers
  - b. Demographics
  - c. Location information
  - d. Substitute care provider name
  - e. Primary assigned county and staff information
  
2. Extract independent living (IL) service recipient youth data every six months from SACWIS
  - a. Identifiers
  - b. Demographics
  - c. Primary assigned county
  - d. Youth characteristics
  - e. Types of NYTD-eligible services delivered

### Transformation

1. Transform selected demographics in the survey-eligible youth extract to NYTD values
  - a. Client ID
  - b. Demographics that are NYTD reportable
  
2. Transform IL services youth data into NYTD values
  - a. Client ID
  - b. Demographics
  - c. Foster care status
  - d. Primary assigned county to local agency FIPS code
  - e. Youth characteristics
  - f. Types of NYTD-eligible services delivered
  - g. Record-level or value-level text variables for notes
  
3. Merge transformed IL services youth data and outcomes youth data into one NYTD data file

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### **Load**

1. Convert NYTD data into an xml file in the required schema
  - a. Add meta data, including file name, generation date, and type and any file-level or element-level notes
  - b. Add State FIPS code and report date
  - c. Add youth-record data
2. Test xml file with stand-alone NYTD Compliance and Data Quality Utility (NCDQU)
3. Transmit xml file to the National Institute of Health (NIH) Center for Information Technology using Cyberfusion Integration Suite (CFI)

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