

National Database Services

Core Package 1 - Workload Statistical Information

(Includes Core Packages 2 & 3)

Reports

A wide variety of pre-defined reports exist that are used for determining budgets, billing, health care needs, and trends analysis. This includes an On-Line Analytical Processing (OLAP) tool called “data cube,” which allows a three-dimensional look at a spreadsheet through graphic reporting.

Web-based Posting of Data

- On-request web-based patient registration, user population, workload, Standard Code Book,
- NECOP (equipment), STORES, Public Health Nursing (PHN), and error reporting.
***Consult with your Area Statistical Office on obtaining these reports. Currently the ability for SU to SU data is not available**
- Over 80 workload and statistical reports have been developed and maybe viewed/printed from the NPIRS web site. The following are some examples of these reports:
 - Eligibility Analysis Report by County/Tribe
 - Social Security Number Verification
 - Medicare Roster
 - APC Visits to Service Location by Provider and Month of Service
 - Inpatient Tabulation – Number of Hospital Discharges
 - CHS Visits by Male, Female, Diagnosis, and Age Groups by Area
 - Export Files Status Report. This report identifies the export files that have been received and the number of records processed by Area and facility and can be used as a management tool to identify which facilities are not routinely exporting their data
- Data is posted for viewing the web site within 24 hours from time export files are sent.

Special Request

- Provide User Population information to the Census Bureau.
- Process the annual User Population reports, which are based on patient registration and visit data and are used to establish the distribution of Tribal shares and determine facility planning needs.

Data Extracts for Statistical Purposes

- Assisting the Area Statistical Officers in their review and approval of these reports.

- Receive and transmit data to ORYX database for Areas participating in the ORYX program.

Core Package 2 - Process National Applications

(Includes Core Package 3)

Data Management

- Daily automated movement and merging of export files for both Area and Tribal sites using RPMS or non-RPMS applications.
- Automatic e-mail confirmation sent identifying total number of records received for each export file, including a breakdown of total number of records by facility.
- Transmit data on a quarterly basis to the Social Security Administration in order to validate patients' social security numbers and provide accurate information via RPMS to the Areas for distribution at the local level.
- Transmit data on a quarterly basis to the Health Care Financing administration in order to validate or identify patients' health insurance claims numbers and provide this information to the Areas for distribution at the local level.

Evaluation

- We have expanded our software reporting licenses to accommodate an unlimited number of concurrent users, thus increasing access to users. Security is in place, which allows Areas to view only their own data.

Data Integrity Checks

- Conduct a thorough review of export files being sent to NPIRS and the programs used to process the export files. Identify problems and work with I/T/Us to correct them.

***This is not to be confused with the quality of the data. The quality of the data is the responsibility of the Tribe. What NPIRS does, is check to make sure that the:**

1) The number of records match the expected number of records

2) The field data matches the system data maps correctly to the target data. In other words, ASUFAC records are not being inserted in Location of Encounter

3) That none of the data is truncated.

- Review existing data in the NPIRS database and identify problems and work with I/T/Us to correct the data.
- Monitoring services available to run reports that identify errors with data that would impact workload and/or user population counts and notify/work the Areas and Tribes to correct data so that it can be counted for reporting purposes.

Feedback

- OIT Help Desk
- E-mail troubleshooting
- Phone support

Conversion of Data from Non-RPMS Systems

- Manual processing of export files for non-RPMS users who are unable to implement requirements for automated data movement. Assist users when they are ready to implement those requirements.
***Assist users in understanding the file structure of the HL7 Messaging or if their system is non-HL7, then the requirements of the flat file (which produces just user pop/workload reports**

Core Package 3 - Maintenance/Management of Central DB

- Aggregate Data Input for Reporting to Congress/Other Sources Management of the DB2 relational database, including utilization of development and database management tools to ensure maximum efficiency of the database engine and the programs used by the database.
- Historical data kept for future reporting.

Optional Packages

Value Added Services Provided by the NPIRS Team

- Disaster Recovery Assistance
***Partial recovery based on the data received from Tribe and what is in the Database**
- Federal Compliancy
***Federal Compliancy in relation to HIPAA, FISMA and other Federal Regulations**
- Security (C & A)
***Security of the NPIRS database has been certified and accredited according to standards. This includes the platform that it is running on, the DB software that is used**