National Patient Information Reporting System (NPIRS)

FACT SHEET

OUR BACKGROUND

The Indian Health Service's, National Patient Information Reporting System (NPIRS), serves as the agency's national data repository. NPIRS is a database of financial, environmental, engineering, administrative and clinical healthcare information gathered from direct IHS, Tribal and Urban healthcare sites & regional administrative offices throughout the Indian Health systems. This includes data from over 500 healthcare sites and 12 regional offices in 35 states.

The purpose of NPIRS is to provide an Enterprise Business Intelligence/Analytic environment that enables reporting, data discovery, data mining, predictive analysis and trending of key performance indicators in support of patient care and patient care management by providing strategic actionable information to key stakeholders. NPIRS additionally provides IHS the ability to produce reliable and timely reports in support of statutory, regulatory, and administrative obligations, including user population counts, workload reporting, accreditation, and performance measures.

- Initially instituted in 2006 and re-imagined in 2017
- National Data Warehouse (NDW) + functional/customized data marts
- Internal/External Customers (IHS Headquarters, Program & Area Offices, Congress, OMB, GAO, IG, CDC, CMS, Urban and Tribal, etc.)
- Guided and self-service data delivery (dashboards/scorecards)
- Robust Report Library (approximately 400+ existing customizable, and ad-hoc reports in a myriad of data domains)
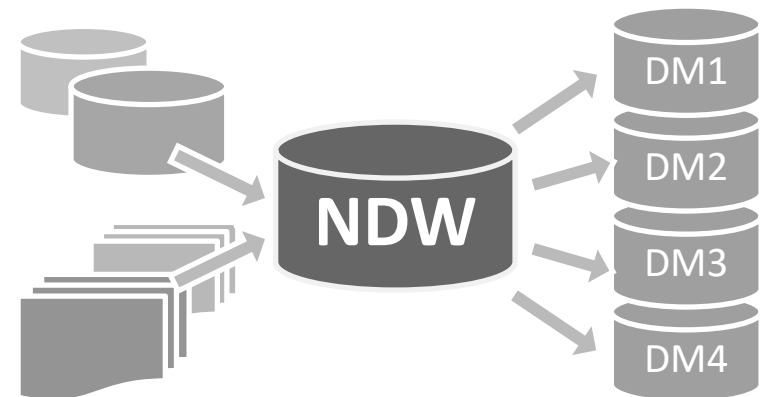
OUR SUPPORT SERVICES

NPIRS customized Business Intelligence (BI) reporting supports various information domains:

- Data Mart & Reporting Support
- Data Submission Services
- Database Infrastructure Support
  - Data Warehousing/Database Architecture
  - Data Collection and Management Services
- Special Data Requests
- Data Access Requests

FACT SHEET

Value Proposition – *Why is NPIRS Important to you….*

- NPIRS enables
  - Insight to improve clinical outcomes
  - Healthcare digital transformation
  - Visibility and transparency into IHS' commitment to uniform quality
  - IHS to extend or acquire knowledge and feedback to significantly reducing risk, waste and costs while improving quality, driving performance and organizational maturity
- Enhances productivity through more effective resource management and training
  - Productivity gains aligned with business/mission operations
- Equips key personnel/stakeholders with the information needed to make more informed decisions
- Optimizes report delivery
- Provides near real-time data analysis for managing the enterprise (including patient care, healthcare providers, suppliers and partners, etc)
- Provides data driven insights to develop the capabilities needed to learn faster and realize mission objectives with available data
- Promotes data accuracy, confidence, integrity and standardization

Alignment to IHS Strategic Objectives

- ➢ Objective 1.3: Increase access to quality health care services.
- ➢ Objective 2.1: Create quality improvement capability at all levels of the organization.
- ➢ Objective 3.1: Improve communication within the organization with Tribes, Urban Indian Organizations, and other stakeholders, and with the general public.
- ➢ Objective 3.2: Secure and effectively manage the assets and resources.
- ➢ **Objective 3.3: Modernize information technology and information systems to support data driven decisions.**

NPIRS Value Based Insights	Technical Enhancements		Business / Mission Enablement	
	DATA	**ANALYTICS**	**PEOPLE**	**PROCESSES**
	Integration of new data sources	Descriptive	Cultural transformation	Business process improvement
	Orchestration	Predictive	Data-enabled decision making	Embedded workflow management
	Privacy compliance	Data visualization	Organizational maturity	Data governance
	Data security	Agile development		Cross functional data sharing
	Near real-time access	What if		

INDIAN HEALTH SERVICE

National Patient Information Reporting System (NPIRS)

FACT SHEET

ENGAGE, FOCUS, INNOVATE

DATA/REPORTING SERVICES - *AT A GLANCE*

The NPIRS team specializes in performing the following report services:

- Data Driven Reporting
- Business Intelligence/Analytic Reporting solutions (SSBI/GA)
- Tabular Reports

- Web Applications/Web-based Reporting Solutions
- Standard Codebook/Reference Data Management
- High value, affordable solutions by leveraging state-of-the-art market technologies and forming strategic partnerships with stakeholders
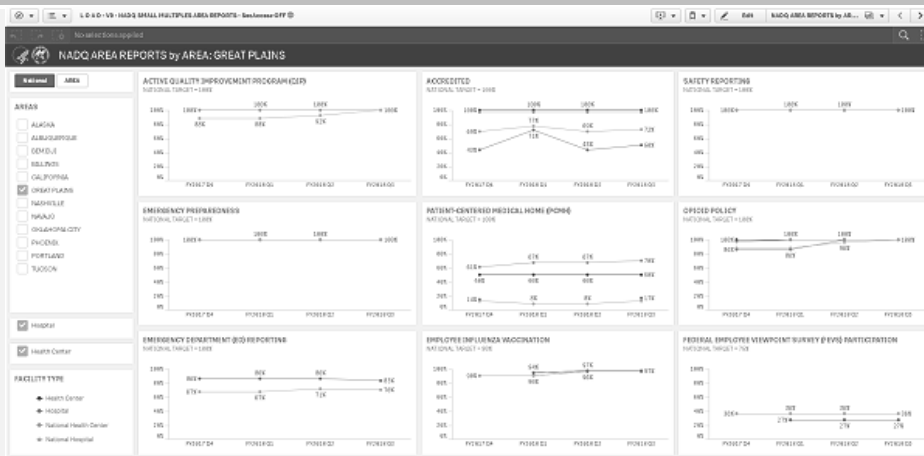
DATA/REPORTING MARTS

NPIRS provides functional or customized reporting marts that support various information domains:

- Baby Friendly
- Behavioral Health
- Clinical
- Controlled Substance
- Environmental Health
- Eye Care
- Financial

- HIV
- Immunization
- Nursing
- Patient Registration/Visit
- Performance Measurement
- Pharmacy
- Public Health

MISSION CRITICAL REPORTS

The following represent a few of the mission critical Indian Health Service reports that NPIRS supports:

- User Population Reports
- Workload Reporting
- GPRA/GPRAMA Performance Measure Reports
- Improving Patient Care (IPC) Reporting
- Wait Time Reporting
- Insurance Eligibility (4a)
- Inpatient/Outpatient Quality Reporting (IQR/OQR)
- Behavioral Health Reporting
- National Accountability Dashboard for Quality (NAD-Q)
- Purchased Referred Care (PRC) Reporting