



North Carolina
State Health Plan
FOR TEACHERS AND STATE EMPLOYEES



Contract with NC Hospital Foundation for ADT Data Request for Approval

Board of Trustees Meeting

August 1, 2014

A Division of the Department of State Treasurer

Contract Approval Required by Statute

North Carolina General Statutes §135-48.22 and §135-48.33(a) require that the BOT approve all Plan contracts with a value over \$500,000.

The cost of this contract over five years is \$719,020.

This contract is exempt from Department of Administration Purchase & Contract rules pursuant to §135-48.34 as a contract for services related to the implementation of an optional program (population health management).

North Carolina Hospital Foundation

- The North Carolina Hospital Foundation (Foundation) is a 501(c)(3) nonprofit foundation affiliated with the North Carolina Hospital Association.
- The Foundation through a contract with the North Carolina Division of Public Health and a subcontract with Truven Health Care Analytics, Inc. administers the North Carolina Hospital Emergency Surveillance System Investigative Monitoring Capability (NCHESS-IMC) to capture real-time clinical data from 61 hospital information systems.
- As a result, the Foundation is uniquely positioned to provide the Plan with this real-time admission, discharge, and transfer (ADT) data.

Key Contract Deliverables

- Engage all 61 Hospitals to get permission to share ADT data with the Plan. Hospital participation is voluntary; if a hospital agrees to share the data the Foundation will contract directly with the hospital for the release of the data to the Plan.
- Facilitate the collection and delivery of the ADT data from the participating hospitals three times a day to the Plan's population health management vendor. A secure file transfer protocol will be used for the transfer.
- The Foundation will notify the Plan of any issues regarding data integrity or accuracy and work with the Plan and vendor partners to address those issues.

Data Elements

- a. State Employee Health Plan Group Number
- b. Hospital Patient Identification Number
- c. Patient Name
- d. Patient Date of Birth (DOB)
- e. Patient Gender
- f. Patient Address
- g. Patient Phone
- h. Emergency Department (ED)/Inpatient Facility
- i. Date of Admission (DOA)
- j. Chief Complaint
- k. International Classification of Diseases (ICD) 9 and Current Procedural Terminology (CPT) Codes
- l. ED Disposition
- m. Discharge Date
- n. Caregiver Names (Attending, Consulting and Admitting)

Use of the Data

- Data will be used by the Plan's population health management vendor, ActiveHealth Management, to:
 - Develop a care coordination program.
 - Identify high priority members who will benefit from participation in the care coordination program.
 - Deliver care transition services including medication reconciliation, follow up appointments and visits.

Population Health Management Strategy

Receipt of this data can assist the Plan with its goal to reduce avoidable hospitalizations, hospital readmissions and emergency department utilization:

- In 2013, the hospital admission rate for active members was 54/1000 with an all cause readmission rate of 7.9/1000. The average cost of admission was \$14,806.
- The hospital admission rate for Pre-Medicare Retirees was 69/1000 with an all cause readmission rate of 15.7/1000. The average cost of admission was \$22,782.
- Emergency department costs represent \$146 million in annual medical costs (4.2% of spend)
- The data will provide useful information to address:
 - a. Transition of care
 - b. Medication Therapy Management (MTM)/medication reconciliation/medication adherence

Estimated Timeline

August 2014

- SHP and NCHF to execute contract for data sharing
- Amend Contract with Active Health Management

October 2014

- Active Health Management to complete system changes
- NCHF to engage Hospitals to participate
- Data testing and transfer will begin

December 2014

- NCHF will be responsible for having hospital participation agreements executed in all 61 hospitals
- Development of care coordination program complete

2015

- Full implementation complete
- The data will be delivered by NCHF contractor 'Truven Health Analytics' to Active Health Management three times daily

Recommendation

Plan staff recommends approval of the Contract with the North Carolina Hospital Foundation for the real-time transmission of admission, discharge and transfer data.