



STATE OF NORTH CAROLINA  
DEPARTMENT OF HEALTH AND HUMAN SERVICES

ROY COOPER  
GOVERNOR

KODY H. KINSLEY  
SECRETARY

June 8, 2022

**SENT VIA ELECTRONIC MAIL**

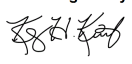
Mr. Mark Trogdon, Director  
Fiscal Research Division  
Suite 619, Legislative Office Building  
Raleigh, NC 27603-5925

Dear Director Trogdon:

Session Law 2018-81, Section 1 requires the Department of Health and Human Services to report quarterly on the status and implementation of the 1915(c) waiver for individuals with traumatic brain injury (TBI) that has been submitted to the Centers for Medicare and Medicaid Services in accordance with Section 12H.6 of S.L. 2015-241. This report is due to the Joint Legislative Oversight Committee on Medicaid and NC Health Choice, the Joint Legislative Oversight Committee on Health and Human Services, the Senate Appropriations Committee on Health and Human Services, the House of Representatives Appropriations Committee on Health and Human Services, and the Fiscal Research Division. Pursuant to the provisions of law, the Department is pleased to submit the attached reports for January and April 2022.

Should you have any questions regarding this report, please contact John Furnari, Program/Policy Analyst, at [John.Furnari@dhhs.nc.gov](mailto:John.Furnari@dhhs.nc.gov).

Sincerely,

DocuSigned by:  
  
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Kody H. Kinsley  
Secretary

cc: Mark Collins      Joyce Jones      Lisa Wilks      Jessica Meed  
Theresa Matula      Katherine Restrepo      Amy Jo Johnson      Luke MacDonald  
Nathan Babcock      [reports@ncleg.gov](mailto:reports@ncleg.gov)

WWW.NCDHHS.GOV  
TEL 919-855-4800 • FAX 919-715-4645  
LOCATION: 101 BLAIR DRIVE • ADAMS BUILDING • RALEIGH, NC 27603  
MAILING ADDRESS: 2001 MAIL SERVICE CENTER • RALEIGH, NC 27699-2000  
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**SENT VIA ELECTRONIC MAIL**

The Honorable Joyce Krawiec, Chair  
Senate Appropriations Committee on  
Health and Human Services  
North Carolina General Assembly  
Room 308, Legislative Office Building  
Raleigh, NC 27603

The Honorable Jim Burgin, Chair  
Senate Appropriations Committees on  
Health and Human Services  
North Carolina General Assembly  
Room 620, Legislative Office Building  
Raleigh, NC 27603

The Honorable Jim Perry, Chair  
Senate Appropriations Committee on  
Health and Human Services  
North Carolina General Assembly  
Room 311, Legislative Office Building  
Raleigh, NC 27603

Dear Chairmen:

Session Law 2018-81, Section 1 requires the Department of Health and Human Services to report quarterly on the status and implementation of the 1915(c) waiver for individuals with traumatic brain injury (TBI) that has been submitted to the Centers for Medicare and Medicaid Services in accordance with Section 12H.6 of S.L. 2015-241. This report is due to the Joint Legislative Oversight Committee on Medicaid and NC Health Choice, the Joint Legislative Oversight Committee on Health and Human Services, the Senate Appropriations Committee on Health and Human Services, the House of Representatives Appropriations Committee on Health and Human Services, and the Fiscal Research Division. Pursuant to the provisions of law, the Department is pleased to submit the attached reports for January and April 2022.

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**SENT VIA ELECTRONIC MAIL**

The Honorable Donna White, Chair  
House Appropriations Committee on  
Health and Human Services  
North Carolina General Assembly  
Room 307, Legislative Office Building  
Raleigh, NC 27603

The Honorable Larry Potts, Chair  
House Appropriations Committees on  
Health and Human Services  
North Carolina General Assembly  
Room 307B1, Legislative Office Building  
Raleigh, NC 27603

The Honorable Kristin Baker, Chair  
House Appropriations Committee on  
Health and Human Services  
North Carolina General Assembly  
Room 306A3, Legislative Office Building  
Raleigh, NC 27603

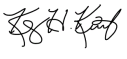
The Honorable Wayne Sasser, Chair  
House Appropriations Committees on  
Health and Human Services  
North Carolina General Assembly  
Room 529, Legislative Office Building  
Raleigh, NC 27603

Dear Chairmen:

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The Honorable Jim Burgin, Chair  
Joint Legislative Oversight Committee on  
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North Carolina General Assembly  
Room 620, Legislative Office Building  
Raleigh, NC 27603

The Honorable Donny Lambeth, Chair  
Joint Legislative Oversight Committee on  
Health and Human Services  
North Carolina General Assembly  
Room 303, Legislative Office Building  
Raleigh, NC 27603


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Room 307B1, Legislative Office Building  
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Joint Legislative Oversight Committee on  
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Room 311, Legislative Office Building  
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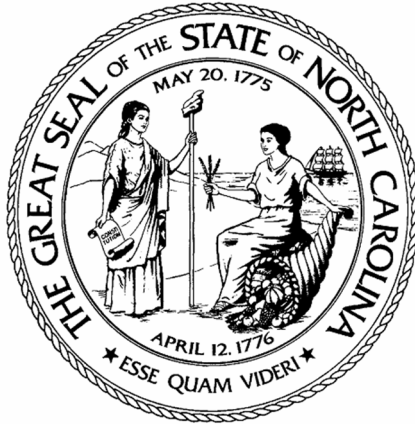
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**Traumatic Brain Injury Waiver Quarterly Legislative Report  
Quarter Ending September 30, 2021**

**Session Law 2018-81, Section 1**



**Report to**

**Joint Legislative Oversight Committee on  
Health and Human Services**

**Joint Legislative Oversight Committee on  
Medicaid and NC Health Choice**

**House Appropriations Committee on  
Health and Human Services**

**Senate Appropriations Committee on  
Health and Human Services**

**Fiscal Research Division**

**by**

**North Carolina  
Department of Health and Human Services**

**June 8, 2022**

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## I. Background

Session Law 2018-81, Sec. 1 (see *Appendix A*) directed the NC Department of Health and Human Services (DHHS) to report quarterly to the Joint Legislative Oversight Committee on Health and Human Services on the status and implementation of the 1915(c) waiver for individuals with traumatic brain injury (TBI) submitted to the Centers for Medicare and Medicaid Services (CMS) in accordance with Session Law 2015 241, Section 12H.6. (see *Appendix B*).

DHHS worked with TBI advocates, stakeholders, and providers to develop the NC TBI Waiver. The waiver was approved by CMS for three years effective May 1, 2018. The first phase of the TBI Waiver is limited to one local management entity/managed care organization (LME/MCO) catchment area: Alliance Health (Alliance), which authorizes and coordinates care and services in Cumberland, Durham, Johnston, and Wake counties. After a 90-day agreed upon period to prepare, Alliance implemented the waiver on August 1, 2018.

The NC TBI Waiver provides community-based alternatives for individuals with traumatic brain injuries who are currently in nursing facilities or specialty rehabilitation hospitals, or who are in the community and at risk for placement in a nursing home or specialty rehabilitation hospital. The waiver provides for a continuum of care (see *Appendix C*) that includes both short- and long-term rehabilitation services that are provided within the home and community of enrolled individuals.

The target waiver population consists of adults with cognitive, behavioral, and physical support needs who require supervised and supportive care. Most targeted individuals have either completed a course of intensive rehabilitation and continue to need a less-intensive rehabilitative schedule or are in need of long-term services and supports. Approximately 10% of the individuals served would benefit from a more intensive course of rehabilitation. The adults in the target population are Medicaid beneficiaries who:

- Have a traumatic brain injury, which occurred on or after their twenty-second birthday;
- Have a need for a combination and sequence of special interdisciplinary care or general care, treatment, or other services that are of a lifelong or extended duration and that are individually planned and coordinated;
- Meet admission criteria for placement in a nursing facility or specialty rehabilitation hospital; and
- Have needs that would not be better met under the NC Innovations Waiver for individuals with intellectual disabilities or the Community Alternatives Program for Disabled Adults (CAP-DA) Waiver.



## **II. Implementation overview**

### **A. Beneficiaries**

There are 107 slots available in the extended year 3 for the NC TBI Waiver, and slots are awarded on a first-come, first-served basis. Alliance developed a TBI Waiver Interest List to track and support individuals who have expressed interest in the waiver and those individuals who have been identified as possibly benefiting from the waiver. Alliance also employs a TBI Guide staff member to assist individuals on the Interest List with gathering the clinical documentation necessary for the TBI Waiver Level of Care process that determines if the individual meets the level of care as outlined in the waiver. The TBI Guide assists individuals on the Interest List who, if not already covered, to apply for Medicaid.

As of October 1, 2021, 12 individuals are actively in the enrollment phase, 77 Levels of Care assessments have been approved, and 47 individuals are actively receiving services<sup>1</sup>.

As a result of collaborative meetings between Alliance, DMH/DD/SAS, and NC Medicaid, Alliance has begun triaging TBI related calls and maintaining contact with individuals with TBI through Alliance's Access Department. This change in handling TBI related calls will allow for callers to receive information immediately and to maintain contact with one staff person. Alliance has established a TBI Guide relationship with a nonprofit organization to assist TBI individuals with gathering information needed to apply for the TBI Waiver, to assist with the Medicaid application process, and to begin making community connections.

### **B. Providers**

Alliance is contracting with TBI providers to serve waiver participants. Providers added to the TBI waiver after CMS approval are reviewed to ensure compliance with the Home and Community Based Services (HCBS) Final Rule, which provides additional protections for waiver beneficiaries to ensure full access to the benefits of community living. The HCBS Final Rule applies to residential supports, day supports, adult day health, and supported employment services. There are currently 24 providers in Alliance's TBI provider network and there is at least one provider per TBI waiver service within the Alliance Network. Alliance is currently working with two providers to develop TBI Specific Residential options for the TBI Waiver.

### **C. Training**

Alliance has a provider collaborative with its enrolled TBI waiver providers to ensure that its provider pool continues to expand its TBI specific knowledge base and understands both clinical practice guidelines and best practices related to TBI. Alliance contracts with the Brain Injury Association of North Carolina (BIANC) to offer providers and their staff access to the Certified Brain Injury

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<sup>1</sup> The Traumatic Brain Injury Waiver Quarterly Report for the Quarter Ending June 30, 2021 erroneously stated that 10 individuals were in the active enrollment phase; 78 level of care assessments were approved; and 57 individuals were actively receiving services. Upon further review, the Division determined that for the quarter ending June 30, 2021, there were 12 individuals in the active enrollment phase; 56 level of care assessments were approved; and 45 individuals were actively receiving services.

Specialist (CBIS) Certification training program. The TBI Provider Collaborative held twenty (20)<sup>2</sup> meetings between September 21, 2018 and October 2021 which covered the following topics:

- Collaborative Overview
- TBI Training – “Basics and Strategies”
- Provider Q&A
- What’s in a Behavior?
- TBI, Intellectual / Developmental Disabilities, and Behavioral De-escalation  
Provider Showcase with presentations directly from providers about the services and supports that their individual programs offer
- Continuation of the Provider Showcase and “Beyond Person-Centered Care: Philosophy to Action”
- Provider Network Development
- Traumatic Brain Injury Clinical Modules
- Provider Documentation
- NC Assistive Technology Center Presentation
- Supported Living
- Steps for Recovery – The Role of Allied Health in the Rehabilitative process post TBI
- Incident Reporting
- Assistive Technology
- TBI Clubhouse Models
- Community Skills: Therapy without Borders
- Presentation from Care Coordinator who is an Occupational Therapist
- “ Falls Prevention and TBI” by BIANC
- Community Partnership Presentation
- Who Am I to Stop It: A TBI Awareness Event (A documentary on isolation, art, and transformation after traumatic brain injury. A panel discussion with individuals with lived experience and experts will follow, along with a question and answer period.)
- Direct Support Training” How do you engage direct support staff? What are some tips for success?
- Specialized Consultative Services

Alliance also provides TBI specific online trainings through their Recovery University. Alliance’s Recovery University is an online learning program that utilizes RELIAS Learning.

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<sup>2</sup> The Traumatic Brain Injury Waiver Quarterly Report for the Quarter Ending June 30, 2021 erroneously stated that 22 TBI Provider Collaborative meetings had been held by July 1, 2021. Upon further review, the Division determined that for the quarter ending June 30, 2021, the TBI Provider Collaborative had held 16 meetings.

## D. Technical Support

Alliance facilitates TBI provider technical assistance calls to discuss the clinical and support needs of enrolled beneficiaries. These meetings also help guide the further development of supports and to ensure that provider sites are fully compliant with the HCBS Final Rule. The first call was held on August 27, 2018 and these calls continue on a bi-weekly basis.

## III. Next Steps

### A. Alliance

- Alliance will continue to provide technical assistance to its provider network on waiver operations and to educate and offer support to waiver beneficiaries.
- Alliance will continue to support its a local stakeholder group to solicit feedback on implementation issues, operational procedures, and policies. This Stakeholder group began in May of 2019 and meets monthly.
- Alliance has established a relationship with a local nonprofit to assist with TBI Waiver onboarding and to help develop community connections prior the individual accessing the TBI Waiver. Alliance will provide monthly status updates on the success of the TBI Waiver onboarding project and barriers for success.
- Alliance and DHHS are actively meeting to discuss needs related to residential programs.
- Alliance is creating a TBI Waiver Guidebook that can be utilized by other LME/MCO to operationalize the TBI Waiver in different catchment areas.

### B. DHHS

- DHHS will continue to develop TBI waiver guidance based on assessment of the TBI Waiver's successes and barriers.
- DHHS will continue to work with Alliance to resolve issues related to eligibility, services, and supports.
- DHHS is leveraging connections of the Money Follows the Person Program to identify people with TBI who are in Skilled Nursing Facilities.
- DHHS is working with the State Prison system to determine the feasibility of screening for TBI in the Prison system.
- DHHS will continue to work with other states with successful TBI programs to refine operational tools, assessment tools, and policies, and will continue to provide waiver operations technical assistance as needed to Alliance.
- DHHS will continue to develop a best practice model system that includes the continuum of care in *Appendix C* and will review and adjust reimbursement rates as needed to maintain adequate reimbursement to attach and retain a network of quality, specialized providers.
- DHHS is currently in the process of gathering and analyzing NC TBI data to learn more about the TBI needs in NC. This data will help guide waiver renewal discussions.
- DHHS formed a State stakeholder group, including representation from the Alliance stakeholder group, to solicit feedback on implementation issues, operational procedures, and policies. This group will also assist the State in exploring the viability of statewide implementation. The State Stakeholder group's first meeting was held on December 3, 2018. The second meeting was held on May 6, 2019. The third meeting was held on August 5, 2019.

The fourth meeting was held on January 13, 2020. The fifth meeting was held on June 29, 2020. The sixth meeting was held on October 28, 2020. This Stakeholder Group was placed on hold during the TBI Waiver Renewal and will resume with waiver renewal.

- DHHS submitted and received approval from the Centers of Medicaid & Medicare Services to implement COVID-19 specific flexibilities through an Appendix K disaster application. DHHS has provided COVID-19 specific technical assistance to Alliance Health as well as providers.

#### TBI Waiver Renewal

- Through the State Stakeholder meeting and through work with Alliance Health DHHS and Stakeholders have developed the following recommendations regarding the TBI Waiver renewal and the potential expansion to other catchment areas. The following recommendations are being pursued:
  - Lowering the age of injury from 22 years of age to 18 years of age.
  - Increasing the Federal Poverty Level from 100% to 300%.
  - Adding Supported Living as a service definition
  - Expanding the TBI Waiver to Alliance Health's additional catchment areas of Mecklenburg and Orange Counties.
  - Adding a Stand-Alone Remote Supports Definition.
- The TBI Waiver was submitted to the Centers of Medicare & Medicaid Services (CMS) on March 3, 2021 and DHHS continues to be actively engaged in approval process with CMS.

## **Appendix A: Session Law 2018-81, Section 1**

### **AN ACT REGARDING IMPLEMENTATION OF THE 1915(C) MEDICAID WAIVER FOR INDIVIDUALS WITH TRAUMATIC BRAIN INJURY:**

**SECTION 1.** Beginning October 1, 2018, the Department of Health and Human Services (DHHS) shall report quarterly to the Joint Legislative Oversight Committee on Medicaid and NC Health Choice, the Joint Legislative Oversight Committee on Health and Human Services, the chairs of the Senate Appropriations Committee on Health and Human Services, the chairs of the House of Representatives Appropriations Committee on Health and Human Services, and the Fiscal Research Division on the status and implementation of the 1915(c) waiver for individuals with traumatic brain injury (TBI) that has been submitted to the Centers for Medicare and Medicaid Services in accordance with Section 12H.6 of S.L. 2015-241.

As part of the process of implementing the TBI waiver, DHHS shall adopt rules or medical coverage policies relating to service programs for individuals with traumatic brain injury, including setting standards that ensure that individuals with brain injuries who require residential treatment receive appropriate, effective, and high-quality treatment in community-based residential settings. Additionally, DHHS shall develop a best practice model system that includes a comprehensive continuum of care and an array of short-term and long-term treatments, rehabilitation options, and home and community support services as part of the TBI waiver. Finally, DHHS shall strive to maintain adequate reimbursement rates for residential and community-based care programs that serve individuals with traumatic brain injury, which will aid in attracting and retaining quality and highly specialized providers and programs into North Carolina.

**Appendix B: Session Law 2015-241, Section 12H.6.**  
**TRAUMATIC BRAIN INJURY MEDICAID WAIVER**

**SECTION 12H.6.(a)** The Department of Health and Human Services, Division of Medical Assistance and Division of Mental Health, Developmental Disabilities, and Substance Abuse Services (Department), shall submit to the Centers for Medicare and Medicaid Services a request for approval of the 1915(c) waiver for individuals with traumatic brain injury (TBI) that the Department designed pursuant to Section 12H.6 of S.L. 2014-100, which the Joint Legislative Oversight Committee on Health and Human Services recommended as part of its December 2014 report to the General Assembly, and which is further described in the Department's February 1, 2015, report to the General Assembly.

**SECTION 12H.6. (b)** The Department shall report to the Joint Legislative Oversight Committee on Health and Human Services on the status of the Medicaid TBI waiver request and the plan for implementation no later than December 1, 2015. The Department shall submit an updated report by March 1, 2016. Each report shall include the following:

- (1) The number of individuals who are being served under the waiver and the total number of individuals expected to be served.
- (2) The expenditures to date and a forecast of future expenditures.
- (3) Any recommendations regarding expansion of the waiver.

**SECTION 12H.6. (c)** Of the funds appropriated to the Department of Health and Human Services, Division of Medical Assistance, one million dollars (\$1,000,000) for fiscal year 2015-2016 and two million dollars (\$2,000,000) for fiscal year 2016-2017 shall be used to fund the Medicaid TBI waiver.

**SECTION 12H.6. (d)** The waiver and any State Plan amendments required to implement this section shall not be subject to the 90-day prior submission requirement of G.S. 108A-54.1A(e).

## Appendix C: Continuum of Care

The NC TBI Waiver offers supports to people in their home and in a community setting. It includes services that support people in their homes and services for people who cannot or do not want to be supported in their home.

Services to Support a person in her/his own home:

|   |  |
|---|--|
| Life Skills Training                        | Life Skills Training provides rehabilitation and skill building to enable the beneficiary to acquire and maintain skills that support independence.  |
| Personal Care                               | Personal Care Services under North Carolina's State Medicaid Plan differ in service definition and provider type from the services offered under the waiver. Personal Care Services under the waiver include support, supervision and engaging participation with eating, bathing, dressing, personal hygiene, and other activities of daily living.   |
| Respite Care (in-home or at a facility)     | Respite services provide periodic or scheduled support and relief to the primary caregiver(s) from the responsibility and stress of caring for the individual with a TBI.  |
| In-Home Intensive Supports                  | In- Home Intensive support is available to support beneficiaries in their private homes when they need extensive support and supervision.  |
| Assistive Technology Equipment and Supplies | Technology and equipment used to increase, maintain, or improve functional capabilities of beneficiaries.  |
| Home Modifications                          | Home Modifications are physical modifications to a private residence that are necessary to ensure the health, welfare, and safety of the beneficiary or to enhance the beneficiary's level of independence.  |
| Vehicle Modifications                       | Alterations to a vehicle include devices, service or controls that enable beneficiaries to increase independence or physical safety by enabling safe transport in and around the community.  |
| Natural Supports Education                  | Natural Supports Education provides training to families and the beneficiary's natural support network to enhance the decision-making capacity of the natural support network, provide orientation regarding the nature and impact of the TBI and its co-occurring disabilities upon the beneficiary, provide education and training on rehabilitation and/or compensatory intervention and strategies, and provide education and training in the use of specialized equipment and supplies. |
| Specialized Consultative Services           | Specialized Consultative Services provide expertise, training and technical assistance in a specialty area (neuro/psychology, behavior intervention, speech therapy, therapeutic recreation, augmentative communication, assistive technology equipment, occupational therapy, physical therapy, nutrition, and other licensed professionals who assist individuals with traumatic brain injury). These services   |

|                               |  |
|-------------------------------|--|
|                               | help family members, support staff and other natural supports in assisting individuals with traumatic brain injury.  |
| Extended Clinical Services    | Physical therapy, occupational therapy, speech and language services, performed by credentialed professionals at a level higher than or not otherwise covered under the State Plan.  |
| Cognitive Rehabilitation (CR) | Cognitive Rehabilitation is a one-on-one therapy used for the development of thinking skills to improve functional abilities including but not limited to: attention, memory, and problem solving, and to help identify impaired thinking. The initial goal of therapy is to improve cognitive functioning to the fullest extent possible. Compensatory strategies will be introduced as progress slows. |

Services to support a person in an out-of-home setting:

|                                   |  |
|-----------------------------------|--|
| Residential Supports              | Residential Supports provide individualized services and supports to enable a person to live successfully in a Group Home or Alternate Family Living setting of their choice and be an active participant in his or her community. Residential Supports includes three tiers of support. Tier 1 includes individuals with lower needs, and Tier 3 includes individuals with more significant support needs.  |
| Natural Supports Education        | Natural Supports Education provides training to families and the beneficiary's natural support network to enhance the decision-making capacity of the natural support network, provide orientation regarding the nature and impact of the TBI and its co-occurring disabilities upon the beneficiary, provide education and training on rehabilitation and/or compensatory intervention and strategies, and provide education and training in the use of specialized equipment and supplies.   |
| Specialized Consultative Services | Specialized Consultative Services provide expertise, training and technical assistance in a specialty area (neuro/psychology, behavior intervention, speech therapy, therapeutic recreation, augmentative communication, assistive technology equipment, occupational therapy, physical therapy, nutrition, and other licensed professionals who assist individuals with traumatic brain injury). These services help family members, support staff and other natural supports in assisting individuals with traumatic brain injury. |
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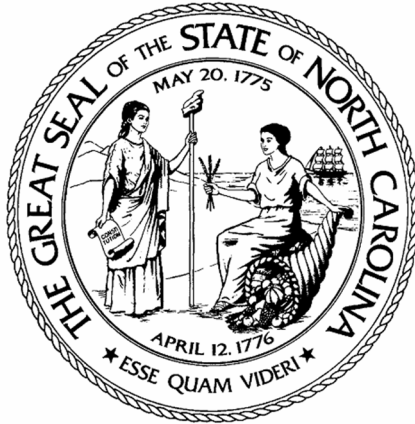
Services to support a person in the community\*:

|                       |   |
|-----------------------|---|
| Adult Day Health      | This service is for beneficiaries who need a structured day program of activities and services with nursing supervision.  |
| Day Supports          | Day Supports is a group, facility-based service that provides assistance to individual with rehabilitation, retention, or modification of socialization and daily living skills and is one option for a meaningful day.   |
| Supported Employment  | Provides assistance with choosing, acquiring, and maintaining a job when competitive employment has not been achieved, has been interrupted, or is intermittent. This includes pre- job training, coaching, and long term follow along.   |
| Community Networking  | Community Networking services provide individualized day activities that support the beneficiary's definition of a meaningful day in an integrated community setting with persons who are not disabled.   |
| Resource Facilitation | Resource Facilitation promotes the coordination of medical, behavioral, social and unpaid supports to address the beneficiary's needs. Resource Facilitation also informs the planning process with the team and assists beneficiaries with assuring coordinated supports, including direct services. |

\* These services can be utilized to support an individual who lives in their own home or in an out-of-home placement.

**Traumatic Brain Injury Waiver Quarterly Legislative Report  
Quarter Ending December 31, 2021**

**Session Law 2018-81, Section 1**



**Report to**

**Joint Legislative Oversight Committee on  
Health and Human Services**

**Joint Legislative Oversight Committee on  
Medicaid and NC Health Choice**

**House Appropriations Committee on  
Health and Human Services**

**Senate Appropriations Committee on  
Health and Human Services**

**Fiscal Research Division**

**by**

**North Carolina  
Department of Health and Human Services**

**June 8, 2022**

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## I. Background

Session Law 2018-81, Sec. 1 (see *Appendix A*) directed the NC Department of Health and Human Services (DHHS) to report quarterly to the Joint Legislative Oversight Committee on Health and Human Services on the status and implementation of the 1915(c) waiver for individuals with traumatic brain injury (TBI) submitted to the Centers for Medicare and Medicaid Services (CMS) in accordance with Session Law 2015 241, Section 12H.6. (see *Appendix B*).

DHHS worked with TBI advocates, stakeholders, and providers to develop the NC TBI Waiver. The waiver was approved by CMS for three years effective May 1, 2018. The first phase of the TBI Waiver is limited to one local management entity/managed care organization (LME/MCO) catchment area: Alliance Health (Alliance), which authorizes and coordinates care and services in Cumberland, Durham, Johnston, and Wake counties. After a 90-day agreed upon period to prepare, Alliance implemented the waiver on August 1, 2018.

The NC TBI Waiver provides community-based alternatives for individuals with traumatic brain injuries who are currently in nursing facilities or specialty rehabilitation hospitals, or who are in the community and at risk for placement in a nursing home or specialty rehabilitation hospital. The waiver provides for a continuum of care (see *Appendix C*) that includes both short- and long-term rehabilitation services that are provided within the home and community of enrolled individuals.

The target waiver population consists of adults with cognitive, behavioral, and physical support needs who require supervised and supportive care. Most targeted individuals have either completed a course of intensive rehabilitation and continue to need a less-intensive rehabilitative schedule or are in need of long-term services and supports. Approximately 10% of the individuals served would benefit from a more intensive course of rehabilitation. The adults in the target population are Medicaid beneficiaries who:

- Have a traumatic brain injury, which occurred on or after their twenty-second birthday;
- Have a need for a combination and sequence of special interdisciplinary care or general care, treatment, or other services that are of a lifelong or extended duration and that are individually planned and coordinated;
- Meet admission criteria for placement in a nursing facility or specialty rehabilitation hospital; and
- Have needs that would not be better met under the NC Innovations Waiver for individuals with intellectual disabilities or the Community Alternatives Program for Disabled Adults (CAP-DA) Waiver.

## **II. Implementation overview**

### **A. Beneficiaries**

There are 107 slots available in the extended year 3 for the NC TBI Waiver, and slots are awarded on a first-come, first-served basis. Alliance developed a TBI Waiver Interest List to track and support individuals who have expressed interest in the waiver and those individuals who have been identified as possibly benefiting from the waiver. Alliance also employs a TBI Guide staff member to assist individuals on the Interest List with gathering the clinical documentation necessary for the TBI Waiver Level of Care process that determines if the individual meets the level of care as outlined in the waiver. The TBI Guide assists individuals on the Interest List who, if not already covered, to apply for Medicaid.

As of January 1, 2022, 8 individuals are actively in the enrollment phase, 78 Levels of Care assessments have been approved, and 60 individuals are actively receiving services.

As a result of collaborative meetings between Alliance, DMH/DD/SAS, and NC Medicaid, Alliance has begun triaging TBI related calls and maintaining contact with individuals with TBI through Alliance's Access Department. This change in handling TBI related calls will allow for callers to receive information immediately and to maintain contact with one staff person. Alliance has established a TBI Guide relationship with a nonprofit organization to assist TBI individuals with gathering information needed to apply for the TBI Waiver, to assist with the Medicaid application process, and to begin making community connections.

### **B. Providers**

Alliance is contracting with TBI providers to serve waiver participants. Providers added to the TBI waiver after CMS approval are reviewed to ensure compliance with the Home and Community Based Services (HCBS) Final Rule, which provides additional protections for waiver beneficiaries to ensure full access to the benefits of community living. The HCBS Final Rule applies to residential supports, day supports, adult day health, and supported employment services. There are currently 24 providers in Alliance's TBI provider network and there is at least one provider per TBI waiver service within the Alliance Network. Alliance is currently working with two providers to develop TBI Specific Residential options for the TBI Waiver.

### **C. Training**

Alliance has a provider collaborative with its enrolled TBI waiver providers to ensure that its provider pool continues to expand its TBI specific knowledge base and understands both clinical practice guidelines and best practices related to TBI. Alliance contracts with the Brain Injury Association of North Carolina (BIANC) to offer providers and their staff access to the Certified Brain Injury Specialist (CBIS) Certification training program. The TBI Provider Collaborative held twenty-two (22) meetings between September 21, 2018 and January 1, 2022 which covered the following topics:

- Collaborative Overview
- TBI Training – “Basics and Strategies”
- Provider Q&A
- What's in a Behavior?

- TBI, Intellectual / Developmental Disabilities, and Behavioral De-escalation Provider Showcase with presentations directly from providers about the services and supports that their individual programs offer
- Continuation of the Provider Showcase and “Beyond Person-Centered Care: Philosophy to Action”
- Provider Network Development
- Traumatic Brain Injury Clinical Modules
- Provider Documentation
- NC Assistive Technology Center Presentation
- Supported Living
- Steps for Recovery – The Role of Allied Health in the Rehabilitative process post TBI
- Incident Reporting
- Assistive Technology
- TBI Clubhouse Models
- Community Skills: Therapy without Borders
- Presentation from Care Coordinator who is an Occupational Therapist
- “ Falls Prevention and TBI” by BIANC
- Community Partnership Presentation
- Who Am I to Stop It: A TBI Awareness Event (A documentary on isolation, art, and transformation after traumatic brain injury. A panel discussion with individuals with lived experience and experts will follow, along with a question and answer period.)
- Direct Support Training” How do you engage direct support staff? What are some tips for success?
- Specialized Consultative Services

Alliance also provides TBI specific online trainings through their Recovery University. Alliance’s Recovery University is an online learning program that utilizes RELIAS Learning.

#### **D. Technical Support**

Alliance facilitates TBI provider technical assistance calls to discuss the clinical and support needs of enrolled beneficiaries. These meetings also help guide the further development of supports and to ensure that provider sites are fully compliant with the HCBS Final Rule. The first call was held on August 27, 2018 and these calls continue on a bi-weekly basis.

### **III. Next Steps**

#### **A. Alliance**

- Alliance will continue to provide technical assistance to its provider network on waiver operations and to educate and offer support to waiver beneficiaries.

- Alliance will continue to support its a local stakeholder group to solicit feedback on implementation issues, operational procedures, and policies. This Stakeholder group began in May of 2019 and meets monthly.
- Alliance has established a relationship with a local nonprofit to assist with TBI Waiver onboarding and to help develop community connections prior the individual accessing the TBI Waiver. Alliance will provide monthly status updates on the success of the TBI Waiver onboarding project and barriers for success.
- Alliance and DHHS are actively meeting to discuss needs related to residential programs.
- Alliance is creating a TBI Waiver Guidebook that can be utilized by other LME/MCO to operationalize the TBI Waiver in different catchment areas.

## **B. DHHS**

- DHHS will continue to develop TBI waiver guidance based on assessment of the TBI Waiver's successes and barriers.
- DHHS will continue to work with Alliance to resolve issues related to eligibility, services, and supports.
- DHHS is leveraging connections of the Money Follows the Person Program to identify people with TBI who are in Skilled Nursing Facilities.
- DHHS is working with the State Prison system to determine the feasibility of screening for TBI in the Prison system.
- DHHS will continue to work with other states with successful TBI programs to refine operational tools, assessment tools, and policies, and will continue to provide waiver operations technical assistance as needed to Alliance.
- DHHS will continue to develop a best practice model system that includes the continuum of care in *Appendix C* and will review and adjust reimbursement rates as needed to maintain adequate reimbursement to attract and retain a network of quality, specialized providers.
- DHHS is currently in the process of gathering and analyzing NC TBI data to learn more about the TBI needs in NC. This data will help guide waiver renewal discussions.
- DHHS formed a State stakeholder group, including representation from the Alliance stakeholder group, to solicit feedback on implementation issues, operational procedures, and policies. This group will also assist the State in exploring the viability of statewide implementation. The State Stakeholder group's first meeting was held on December 3, 2018. The second meeting was held on May 6, 2019. The third meeting was held on August 5, 2019. The fourth meeting was held on January 13, 2020. The fifth meeting was held on June 29, 2020. The sixth meeting was held on October 28, 2020. This Stakeholder Group was placed on hold during the TBI Waiver Renewal and will resume with waiver renewal.
- DHHS submitted and received approval from the Centers of Medicaid & Medicare Services to implement COVID-19 specific flexibilities through an Appendix K disaster application. DHHS has provide COVID-19 specific technical assistance to Alliance Health as well as providers.
- DHHS is in the process of submitting an Appendix K from the Centers of Medicaid & Medicare Service to allow for increased TBI Waiver rates effective March 1, 2022.

## TBI Wavier Renewal

- Through the State Stakeholder meeting and through work with Alliance Health DHHS and Stakeholders have developed the following recommendations regarding the TBI Waiver renewal and the potential expansion to other catchment areas. The following recommendations are being pursued:
  - Lowering the age of injury from 22 years of age to 18 years of age.
  - Increasing the Federal Poverty Level from 100% to 300%.
  - Adding Supported Living as a service definition
  - Expanding the TBI Waiver to Alliance Health's additional catchment areas of Mecklenburg and Orange Counties.
  - Adding a Stand-Alone Remote Supports Definition.
- The TBI Waiver was submitted to the Centers of Medicare & Medicaid Services (CMS) on March 3, 2021 and DHHS continues to be actively engaged in approval process with CMS.



## **Appendix A: Session Law 2018-81, Section 1**

### **AN ACT REGARDING IMPLEMENTATION OF THE 1915(C) MEDICAID WAIVER FOR INDIVIDUALS WITH TRAUMATIC BRAIN INJURY:**

**SECTION 1.** Beginning October 1, 2018, the Department of Health and Human Services (DHHS) shall report quarterly to the Joint Legislative Oversight Committee on Medicaid and NC Health Choice, the Joint Legislative Oversight Committee on Health and Human Services, the chairs of the Senate Appropriations Committee on Health and Human Services, the chairs of the House of Representatives Appropriations Committee on Health and Human Services, and the Fiscal Research Division on the status and implementation of the 1915(c) waiver for individuals with traumatic brain injury (TBI) that has been submitted to the Centers for Medicare and Medicaid Services in accordance with Section 12H.6 of S.L. 2015-241.

As part of the process of implementing the TBI waiver, DHHS shall adopt rules or medical coverage policies relating to service programs for individuals with traumatic brain injury, including setting standards that ensure that individuals with brain injuries who require residential treatment receive appropriate, effective, and high-quality treatment in community-based residential settings. Additionally, DHHS shall develop a best practice model system that includes a comprehensive continuum of care and an array of short-term and long-term treatments, rehabilitation options, and home and community support services as part of the TBI waiver. Finally, DHHS shall strive to maintain adequate reimbursement rates for residential and community-based care programs that serve individuals with traumatic brain injury, which will aid in attracting and retaining quality and highly specialized providers and programs into North Carolina.

**Appendix B: Session Law 2015-241, Section 12H.6.**  
**TRAUMATIC BRAIN INJURY MEDICAID WAIVER**

**SECTION 12H.6.(a)** The Department of Health and Human Services, Division of Medical Assistance and Division of Mental Health, Developmental Disabilities, and Substance Abuse Services (Department), shall submit to the Centers for Medicare and Medicaid Services a request for approval of the 1915(c) waiver for individuals with traumatic brain injury (TBI) that the Department designed pursuant to Section 12H.6 of S.L. 2014-100, which the Joint Legislative Oversight Committee on Health and Human Services recommended as part of its December 2014 report to the General Assembly, and which is further described in the Department's February 1, 2015, report to the General Assembly.

**SECTION 12H.6. (b)** The Department shall report to the Joint Legislative Oversight Committee on Health and Human Services on the status of the Medicaid TBI waiver request and the plan for implementation no later than December 1, 2015. The Department shall submit an updated report by March 1, 2016. Each report shall include the following:

- (1) The number of individuals who are being served under the waiver and the total number of individuals expected to be served.
- (2) The expenditures to date and a forecast of future expenditures.
- (3) Any recommendations regarding expansion of the waiver.

**SECTION 12H.6. (c)** Of the funds appropriated to the Department of Health and Human Services, Division of Medical Assistance, one million dollars (\$1,000,000) for fiscal year 2015-2016 and two million dollars (\$2,000,000) for fiscal year 2016-2017 shall be used to fund the Medicaid TBI waiver.

**SECTION 12H.6. (d)** The waiver and any State Plan amendments required to implement this section shall not be subject to the 90-day prior submission requirement of G.S. 108A-54.1A(e).

## Appendix C: Continuum of Care

The NC TBI Waiver offers supports to people in their home and in a community setting. It includes services that support people in their homes and services for people who cannot or do not want to be supported in their home.

Services to Support a person in her/his own home:

|   |  |
|---|--|
| Life Skills Training                        | Life Skills Training provides rehabilitation and skill building to enable the beneficiary to acquire and maintain skills that support independence.  |
| Personal Care                               | Personal Care Services under North Carolina's State Medicaid Plan differ in service definition and provider type from the services offered under the waiver. Personal Care Services under the waiver include support, supervision and engaging participation with eating, bathing, dressing, personal hygiene, and other activities of daily living.   |
| Respite Care (in-home or at a facility)     | Respite services provide periodic or scheduled support and relief to the primary caregiver(s) from the responsibility and stress of caring for the individual with a TBI.  |
| In-Home Intensive Supports                  | In- Home Intensive support is available to support beneficiaries in their private homes when they need extensive support and supervision.  |
| Assistive Technology Equipment and Supplies | Technology and equipment used to increase, maintain, or improve functional capabilities of beneficiaries.  |
| Home Modifications                          | Home Modifications are physical modifications to a private residence that are necessary to ensure the health, welfare, and safety of the beneficiary or to enhance the beneficiary's level of independence.  |
| Vehicle Modifications                       | Alterations to a vehicle include devices, service or controls that enable beneficiaries to increase independence or physical safety by enabling safe transport in and around the community.  |
| Natural Supports Education                  | Natural Supports Education provides training to families and the beneficiary's natural support network to enhance the decision-making capacity of the natural support network, provide orientation regarding the nature and impact of the TBI and its co-occurring disabilities upon the beneficiary, provide education and training on rehabilitation and/or compensatory intervention and strategies, and provide education and training in the use of specialized equipment and supplies. |
| Specialized Consultative Services           | Specialized Consultative Services provide expertise, training and technical assistance in a specialty area (neuro/psychology, behavior intervention, speech therapy, therapeutic recreation, augmentative communication, assistive technology equipment, occupational therapy, physical therapy, nutrition, and other licensed professionals who assist individuals with traumatic brain injury). These services   |

|                               |  |
|-------------------------------|--|
|                               | help family members, support staff and other natural supports in assisting individuals with traumatic brain injury.  |
| Extended Clinical Services    | Physical therapy, occupational therapy, speech and language services, performed by credentialed professionals at a level higher than or not otherwise covered under the State Plan.  |
| Cognitive Rehabilitation (CR) | Cognitive Rehabilitation is a one-on-one therapy used for the development of thinking skills to improve functional abilities including but not limited to: attention, memory, and problem solving, and to help identify impaired thinking. The initial goal of therapy is to improve cognitive functioning to the fullest extent possible. Compensatory strategies will be introduced as progress slows. |

Services to support a person in an out-of-home setting:

|                                   |  |
|-----------------------------------|--|
| Residential Supports              | Residential Supports provide individualized services and supports to enable a person to live successfully in a Group Home or Alternate Family Living setting of their choice and be an active participant in his or her community. Residential Supports includes three tiers of support. Tier 1 includes individuals with lower needs, and Tier 3 includes individuals with more significant support needs.  |
| Natural Supports Education        | Natural Supports Education provides training to families and the beneficiary's natural support network to enhance the decision-making capacity of the natural support network, provide orientation regarding the nature and impact of the TBI and its co-occurring disabilities upon the beneficiary, provide education and training on rehabilitation and/or compensatory intervention and strategies, and provide education and training in the use of specialized equipment and supplies.   |
| Specialized Consultative Services | Specialized Consultative Services provide expertise, training and technical assistance in a specialty area (neuro/psychology, behavior intervention, speech therapy, therapeutic recreation, augmentative communication, assistive technology equipment, occupational therapy, physical therapy, nutrition, and other licensed professionals who assist individuals with traumatic brain injury). These services help family members, support staff and other natural supports in assisting individuals with traumatic brain injury. |
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|  |   |
|--|---|
|  | including but not limited to: attention, memory, and problem solving, and to help identify impaired thinking. The initial goal of therapy is to improve cognitive functioning to the fullest extent possible. Compensatory strategies will be introduced as progress slows. |
|--|---|

Services to support a person in the community\*:

|                       |   |
|-----------------------|---|
| Adult Day Health      | This service is for beneficiaries who need a structured day program of activities and services with nursing supervision.  |
| Day Supports          | Day Supports is a group, facility-based service that provides assistance to individual with rehabilitation, retention, or modification of socialization and daily living skills and is one option for a meaningful day.   |
| Supported Employment  | Provides assistance with choosing, acquiring, and maintaining a job when competitive employment has not been achieved, has been interrupted, or is intermittent. This includes pre- job training, coaching, and long term follow along.   |
| Community Networking  | Community Networking services provide individualized day activities that support the beneficiary's definition of a meaningful day in an integrated community setting with persons who are not disabled.   |
| Resource Facilitation | Resource Facilitation promotes the coordination of medical, behavioral, social and unpaid supports to address the beneficiary's needs. Resource Facilitation also informs the planning process with the team and assists beneficiaries with assuring coordinated supports, including direct services. |

\* These services can be utilized to support an individual who lives in their own home or in an out-of-home placement.