APPENDIX B — BH I/DD TAILORED PLAN CRITERIA

UPDATED: July 16, 2019

Pursuant to Session Law 2015-245, as amended by Session Law 2018-48¹, populations meeting eligibility requirements for the BH I/DD Tailored Plan shall be exempt from Medicaid Managed Care until such point that BH I/DD Tailored Plans are available. Prior to implementation of the BH I/DD Tailored Plan, beneficiaries meeting BH I/DD Tailored Plan eligibility criteria and not otherwise excluded from Standard Plans will continue to receive coverage through their current delivery system (fee-for-service [FFS] and the Local Management Entity/Managed Care Organizations [LME/MCOs] for most beneficiaries).

Per Session Law 2018-48, beneficiaries eligible for the BH I/DD Tailored Plan include those with a serious mental illness (SMI), a serious emotional disturbance (SED), a severe substance use disorder (SUD), an I/DD, or who have survived a traumatic brain injury (TBI) and who are receiving TBI services, who are on the waiting list for the TBI waiver, or whose TBI otherwise is a knowable fact. DHHS identified specific data criteria, as outlined in this document, for populations described in Session Law 2018-48 that will be used to identify beneficiaries eligible for the BH I/DD Tailored Plan. Additionally, new Medicaid beneficiaries and Standard Plan beneficiaries who are not identified as eligible for BH I/DD Tailored Plans based on data reviews will be able to request a review to be exempt from mandatory enrollment in Standard Plans.

Along with meeting BH I/DD Tailored Plan eligibility criteria, beneficiaries must also be eligible for Medicaid Managed Care through the BH I/DD Tailored Plan. The following populations will be eligible to enroll and receive services through the BH I/DD Tailored Plan if they also meet one of the eligibility criteria defined later in this document.

- Populations eligible for the Standard Plan, as outlined in RFP 30-190029-DHB Section V.B.1(d).2
- Beneficiaries enrolled in both Medicare and Medicaid (dual eligible) for whom Medicaid
 coverage is not limited to the coverage of Medicare premiums and cost sharing will only be
 eligible to receive BH, I/DD and TBI services through the BH I/DD Tailored Plan. Note that dual
 eligible beneficiaries otherwise excluded from managed care, such as beneficiaries served
 through the CAP/DA waiver, would not be eligible for the BH I/DD Tailored Plan.
- Non-dual eligible beneficiaries enrolled in the foster care system, formerly enrolled in foster care system up to age 26, or receiving Title IV-E adoption assistance, will have a choice between a Specialized Foster Care Plan and the BH I/DD Tailored Plan.

BH I/DD Tailored Plan Criteria

This section outlines the criteria used prior to Standard Plan implementation to identify beneficiaries eligible for the BH I/DD Tailored Plan. The BH I/DD Tailored Plan criteria below will be used to determine BH I/DD Tailored Plan eligibility based on application to the FFS claims, LME/MCO encounters, State eligibility system, and/or other sources. DHHS will evaluate data based on dates of service from January 2018 forward to determine the population meeting the BH I/DD Tailored Plan criteria. Beneficiaries who are not identified based on one of the criteria below but need the services or level of care available only through the BH I/DD Tailored Plans can request a review for BH I/DD Tailored Plan eligibility.

¹ https://www.ncleg.net/Sessions/2017/Bills/House/PDF/H403v6.pdf

² https://files.nc.gov/ncdhhs/30-19029-DHB-1.pdf

Behavioral Health and Intellectual/Developmental Disability Tailored Plan Eligibility and Enrollment

- 1. Innovations Waiver Beneficiaries with a Special Coverage Code of "IN" or "CM." Although the "IN" Special Coverage Code is the predominant indicator of Innovations Waiver enrollment, since this exercise evaluates a historical study period, the data logic also leverages the historical "CM" Special Coverage Code to identify Innovations Waiver participants. Innovations Waiver beneficiaries are excluded from Standard Plan enrollment.
- 2. TBI Waiver Beneficiaries with a Special Coverage Code of "BH" or "BN." DHHS maintains a list of these beneficiaries as reported by Alliance. TBI Waiver beneficiaries are excluded from Standard Plan enrollment.
- 3. Transition to Community Living Initiative (TCLI) DHHS maintains a list of all beneficiaries targeted per the TCLI as reported by the LME-MCOs. Certain beneficiaries on the TCLI list have an applicant status indicating that they were "removed" from TCLI, and thus these beneficiaries will not be considered eligible for the BH I/DD Tailored Plan per the TCLI criteria.
- 4. Innovations Waiver Waitlist DHHS maintains a list of beneficiaries on the Innovations Waiver Waitlist as reported by the LME-MCOs.
- 5. TBI Waiver Waitlist This is not currently applicable as there are no individuals on the TBI Waiver Waitlist.
- 6. Utilization of Medicaid service only available in BH I/DD Tailored Plan Utilization within the historical FFS claims and/or LME/MCO encounters of a service listed in Table 1.
- 7. Utilization of BH, I/DD or TBI Services Funded with State, Local, Federal or Other Non-Medicaid Funds Identification logic leveraged State-funded claims experience based on data available through NCTracks.
- 8. Children with Complex Needs (CWCN) DHHS maintains a list of all beneficiaries identified as CWCN as reported by the LME-MCOs.
- 9. I/DD Diagnosis FFS claim or LME/MCO encounter with a qualifying I/DD diagnosis code(s) (all diagnosis positions) as listed in Table 2.
- 10. SMI/SED— The following logic was utilized to identify beneficiaries with an SMI or SED:
 - a. FFS claim or LME/MCO encounter with a qualifying SMI/SED diagnosis code(s) as listed in Table 3 (SED) or Table 4 (SMI).
 - i. SMI diagnosis list is applied to the primary diagnosis position only for beneficiaries ages 18 and older. Beneficiaries must also have utilization within the FFS and LME/MCO encounter information of an enhanced BH service as listed in Table 6. The diagnosis and enhanced BH utilization qualifying event do not need to occur on the same claim.
 - ii. SED diagnosis list is applied to beneficiaries under age 18. Diagnoses denoted with an asterisk in Table 3 *do not* require the beneficiary to have also accessed an enhanced BH service (schizophrenia and schizophrenia spectrum diagnoses, in any diagnosis position). Beneficiaries with remaining diagnoses on the list in Table 3 must have a claim with a qualifying diagnosis in the primary diagnosis position only and also have utilization of an enhanced BH service in Table 6. The diagnosis and enhanced BH utilization qualifying event do not need to occur on the same claim.
 - b. Electroconvulsive Therapy Identified in both the FFS claims or LME/MCO encounters based on utilization of CPT code 90870 or revenue code 0901.
 - c. Use of clozapine or long-acting injectable antipsychotics Identified in the FFS claims based on utilization of one of the products listed in Table 7.
- 11. SUD Diagnosis + Enhanced BH Service FFS claim or LME/MCO encounter with a qualifying SUD diagnosis code(s) (primary diagnosis position only) as listed in Table 5 along with utilization within the FFS and LME/Encounter information of an enhanced BH service as listed in Table 6.

Behavioral Health and Intellectual/Developmental Disability Tailored Plan Eligibility and Enrollment

- The diagnosis and enhanced BH utilization qualifying event do not need to occur on the same claim.
- 12. Two or More Psychiatric Hospitalizations or Readmissions Identified in the FFS claims based on DRGs 876, 880-887, 894–897, and in the LME/MCO encounters based on Revenue Codes 101–182,184–219.
- 13. Admission to State Psychiatric Hospitals or Alcohol and Drug Abuse Treatment Centers (ADATCs) This includes, but is not limited to, individuals known to DHHS to have had one or more involuntary treatment episode in a State-owned facility.
- 14. Two or More Visits to the Emergency Department for a Psychiatric Problem Identified in the FFS claims based on Revenue Code 450 and a qualifying diagnosis in the primary position per Tables 3–5 (on the same claim), and in the LME/MCO encounters based on Revenue Code 450 alone.
- 15. Two or More Episodes using BH Crisis Services Identified in both the FFS claims and LME/MCO encounters based on utilization of the procedure codes listed below.
 - 90839 and 90840 (psychotherapy for crisis)
 - H0010 (non-hospital medical detox)
 - H2011 (mobile crisis management)
 - H2036 (medically supervised detox crisis stabilization)
 - S9484 (facility based crisis service)

Table 1: Services Only Available in the BH I/DD Tailored Plan

Description	Code ³	Applicable Dataset ⁴
Medicaid State Plan Services		
Substance Abuse (SA) Non-Medical Community Residential	H0012	FFS Claims and/or
Treatment		LME/MCO Encounters
SA Medically Monitored Community Residential Treatment	H0013	_
High Risk Intervention (HRI) Residential	H0019	_
Assertive Community Treatment Team	H0040	_
HRI Residential	H0046	_
Child/Adolescent Day Treatment	H2012	_
Community Support	H2015	_
Psychosocial Rehabilitation	H2017	_
HRI Residential	H2020	
Intensive In-Home Services	H2022	_
Multi-Systemic Therapy	H2033	_
HRI Residential	S5145	
ICF/IID	State Category of	FFS Claims
	Service (SCOS) ⁵ 0021	
	OR 0047	
	Revenue Code 100 OR 183	LME/MCO Encounters

³ Unless otherwise noted, identification logic does not leverage the modifier field.

⁴ In some instances, the BH I/DD Tailored Plan service criteria was only run against the LME/MCO encounters (and not the FFS claims) as certain services are only offered through the LME/MCOs and procedure code detail may double as another State Plan/1915(c) waiver service in the FFS claims.

⁵ The State-defined SCOS field is based on provider taxonomy.

Description	Code ³	Applicable Dataset ⁴
PRTF	SCOS 0017 OR 0041	FFS Claims
	Revenue Code 911	LME/MCO Encounters
1915(b)(3) Services ⁶		,
Transitional Living Skills (Cardinal Only)	H2022 U4	LME/MCO Encounters
Intensive Recovery Supports	T1012	_
Personal Care/Individual Support	T1019	_
Respite	H0045	_
One Time Transitional Cost	H0043	_
Supported Employment	H2023	_
Supported Employment Maintenance	H2026	
Innovations Waiver Services	See List Below	_
Innovations Waiver Services		
Crisis Intervention & Stabilization Supports	H2011	LME/MCO Encounters
Community Networking	H2015	_
Residential Supports (modifier differentiates Levels 1 and 4)	H2016	_
Supported Employment	H2025	_
Natural Supports Education	S5110	_
Natural Supports Education — Conference	S5111	
Personal Care	S5125	_
Respite Care	S5150	_
Home Modifications	S5165	
Respite Care Nursing	T1005	_
In-Home Intensive Supports	T1015	_
Individual Goods and Services	T1999	_
Community Living and Supports	T2013	_
Residential Support Level 2	T2014	_
Residential Support Level 3	T2020	_
Day Supports	T2021	
Specialized Consultative Services	T2025	
Day Supports — Developmental Day	T2027	
Assistive Technology — Equipment and Supplies	T2029	<u></u>
Supported Living	T2033	<u></u>
Crisis Services — Out of Home	T2034	
Community Transition Supports	T2038	<u></u>
Vehicle Adaptations	T2039	<u></u>
Community Navigator	T2041	

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⁶ Note that DHHS will submit a State Plan Amendment to add Peer Supports (currently a 1915(b)(3) service) to the State Plan. Once approved, this service will be offered via the Standard and BH I/DD Tailored Plans. As such, this service was not used to qualify beneficiaries as eligible for the BH I/DD Tailored Plan.

Behavioral Health and Intellectual/Developmental Disability Tailored Plan Eligibility and Enrollment

Description	Code ³	Applicable Dataset ⁴
In-Lieu-Of Services (ILOS) ⁷		
ILOS utilization was included in the eligibility criteria, with exceptions for the following		LME/MCO Encounters
ILOS that were not included in the BH I/DD Tailored	Plan eligibility criteria as DHHS has	
pre-approved these ILOS to be offered through the	Standard Plan:	

- Behavioral Health Urgent Care
- Outpatient Plus
- Rapid Care Services
- Behavioral Health Crisis Assessment and Intervention
- Child First Outpatient

Table 2: I/DD Diagnosis Code List

The following diagnosis code list was applied to both the FFS claims and LME/MCO encounters.

D82.1Di George's syndromeF84.0Autistic DisorderE70.0Classical phenylketonuriaF84.2Rett's SyndromeE75.02Tay-Sachs diseaseF84.3Other childhood disintegrative disorderE75.19Other GangliosidosisG31.81Alpers diseaseE75.25Krabbe diseaseG31.82Leigh's DiseaseE75.25Metachromatic LeukodystrophyQ05.4Unspecified Spina Bifida With HydrocephalusE75.29Other SphingolipidosisQ05.8Sacral spina bifida without hydrocephalusE75.4Neuronal ceroid lipofuscinosisQ07.02Arnold-Chiari Syndrome with HydrocephalusE76.01Hurler's syndromeQ07.03Arnold-Chiari Syndrome With Spina Bifida And HydrocephalusE76.1Mucopolysaccharidosis, type IIQ85.1Tuberous sclerosisE76.22Sanfilippo MucopolysaccharidosesQ86.0Fetal Alcohol SyndromeE76.29Other MucopolysaccharidosesQ87.1Congenital malformation syndromes predominantly associated with short stature (includes Prader-Willi)E76.3Mucopolysaccharidosis, unspecifiedQ90.9Down Syndrome, UnspecifiedE77.1Defects In Glycoprotein DegradationQ91.7Trisomy 18, unspecifiedE78.71Barth syndromeQ91.7Trisomy 13, unspecifiedE78.72Smith-Lemli-Opitz SyndromeQ93.4Deletion of short arm of chromosome 5F70Mild intellectual disabilitiesQ93.82Williams syndrome (code as of 1/1/2019, previously Q93.5)F72Severe intellectual disabilitiesQ98.4Klin	Code	Description	Code	Description
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E76.3 Mucopolysaccharidosis, unspecified E77.1 Defects In Glycoprotein Degradation E78.71 Barth syndrome E78.72 Smith-Lemli-Opitz Syndrome F70 Mild intellectual disabilities F71 Moderate intellectual disabilities F72 Severe intellectual disabilities Q90.9 Down Syndrome, Unspecified Q91.3 Trisomy 18, unspecified Q91.7 Trisomy 13, unspecified Q93.4 Deletion of short arm of chromosome 5 Williams syndrome (code as of 1/1/2019, previously Q89.8) Q93.51 Angelman syndrome (code as of 1/1/2019, previously Q93.5) E72 Severe intellectual disabilities Q98.4 Klinefelter syndrome, unspecified				predominantly associated with short
E77.1 Defects In Glycoprotein Degradation E78.71 Barth syndrome E78.72 Smith-Lemli-Opitz Syndrome F70 Mild intellectual disabilities F71 Moderate intellectual disabilities F72 Severe intellectual disabilities C93.4 Deletion of short arm of chromosome 5 Code as of 1/1/2019, previously Q89.8) C93.51 Angelman syndrome (code as of 1/1/2019, previously Q93.5) C93.51 Angelman syndrome (code as of 1/1/2019, previously Q93.5) C93.51 Klinefelter syndrome, unspecified				stature (includes Prader-Willi)
E78.71 Barth syndrome Q91.7 Trisomy 13, unspecified E78.72 Smith-Lemli-Opitz Syndrome Q93.4 Deletion of short arm of chromosome 5 F70 Mild intellectual disabilities Q93.82 Williams syndrome (code as of 1/1/2019, previously Q89.8) F71 Moderate intellectual disabilities Q93.51 Angelman syndrome (code as of 1/1/2019, previously Q93.5) F72 Severe intellectual disabilities Q98.4 Klinefelter syndrome, unspecified	E76.3	Mucopolysaccharidosis, unspecified	Q90.9	Down Syndrome, Unspecified
E78.72 Smith-Lemli-Opitz Syndrome F70 Mild intellectual disabilities G93.4 Deletion of short arm of chromosome 5 Q93.82 Williams syndrome (code as of 1/1/2019, previously Q89.8) F71 Moderate intellectual disabilities G93.51 Angelman syndrome (code as of 1/1/2019, previously Q93.5) F72 Severe intellectual disabilities Q98.4 Klinefelter syndrome, unspecified	E77.1	Defects In Glycoprotein Degradation	Q91.3	Trisomy 18, unspecified
F70 Mild intellectual disabilities Q93.82 Williams syndrome (code as of 1/1/2019, previously Q89.8) F71 Moderate intellectual disabilities Q93.51 Angelman syndrome (code as of 1/1/2019, previously Q93.5) F72 Severe intellectual disabilities Q98.4 Klinefelter syndrome, unspecified	E78.71	Barth syndrome	Q91.7	Trisomy 13, unspecified
(code as of 1/1/2019, previously Q89.8) F71 Moderate intellectual disabilities Q93.51 Angelman syndrome (code as of 1/1/2019, previously Q93.5) F72 Severe intellectual disabilities Q98.4 Klinefelter syndrome, unspecified	E78.72	Smith-Lemli-Opitz Syndrome	Q93.4	Deletion of short arm of chromosome 5
F71 Moderate intellectual disabilities Q93.51 Angelman syndrome (code as of 1/1/2019, previously Q93.5) F72 Severe intellectual disabilities Q98.4 Klinefelter syndrome, unspecified	F70	Mild intellectual disabilities	Q93.82	Williams syndrome
(code as of 1/1/2019, previously Q93.5) F72 Severe intellectual disabilities Q98.4 Klinefelter syndrome, unspecified				(code as of 1/1/2019, previously Q89.8)
F72 Severe intellectual disabilities Q98.4 Klinefelter syndrome, unspecified	F71	Moderate intellectual disabilities	Q93.51	Angelman syndrome
				(code as of 1/1/2019, previously Q93.5)
F73 Profound intellectual disabilities Q99.2 Fragile X Chromosome	F72	Severe intellectual disabilities	Q98.4	Klinefelter syndrome, unspecified
	F73	Profound intellectual disabilities	Q99.2	Fragile X Chromosome

 $^{^{7}}$ Please refer to the various LME/MCO rate schedules for a list of ILOS and corresponding procedure codes as this varies by LME/MCO.

Table 3: SED Diagnosis Code List

The following diagnosis code list was applied to both the FFS claims and LME/MCO encounters. Codes denoted with an asterisk do not require enhanced BH service utilization, and meet the criteria when the diagnosis is found in any diagnosis position. All other codes apply to primary diagnosis code position only.

Code	Description	Code	Description
F06.30	Mood disorder due to known physiological	F32.3	Major depressive disorder, single episode,
	condition, unspecified		severe with psychotic features
F06.31	Mood disorder due to known physiological	F32.4	Major depressive disorder, single episode,
	condition with depressive features		in partial remission
F06.32	Mood disorder due to physiological	F32.5	Major depressive disorder, single episode,
. 00.32	condition with major depressive-like	132.3	in full remission
	episode		
F06.8	Other mental disorders due to known	F32.8	Other depressive episodes
	physiological condition	. 52.6	cance depressive opioces
F09	Unspecified mental disorder due to known	F32.9	Major depressive disorder, single episode,
. 03	physiological condition	1 32.3	unspecified
F20.0*	Paranoid schizophrenia	F33.0	Major depressive disorder, recurrent, mild
F20.1*	Disorganized schizophrenia	F33.1	Major depressive disorder, recurrent,
120.1	Disorganized semzopin ema	133.1	moderate
F20.2*	Catatonic schizophrenia	F33.2	Major depressive disorder, recurrent severe
120.2	catatorne semzopin ema	133.2	without psychotic features
F20.3*	Undifferentiated schizophrenia	F33.3	Major depressive disorder, recurrent,
120.5	onumerentiated semzopinema	133.3	severe with psychotic symptoms
F20.5*	Residual schizophrenia	F33.40	Major depressive disorder, recurrent, in
120.5	Residual sellizopili ellia	133.40	remission, unspecified
F20.81*	Schizophreniform disorder	F33.41	Major depressive disorder, recurrent, in
120.01	Schizophreniionn disorder	133.41	partial remission
F20.89*	Other schizophrenia	F33.42	Major depressive disorder, recurrent, in full
120.03	Other Schizophrenia	133.42	remission
F20.9*	Schizophrenia, unspecified	F33.8	Other recurrent depressive disorders
F22*	Delusional disorders	F33.9	Major depressive disorder, recurrent,
122	Belasional disorders	1 33.3	unspecified
F23*	Brief psychotic disorder	F34.1	Dysthymic disorder
F24*	Shared psychotic disorder	F34.8	Other persistent mood [affective] disorders
F25.0*	Schizoaffective disorder, bipolar type	F34.9	Persistent mood [affective] disorder,
. 23.0	someoure disorder, sipolar type	131.3	unspecified
F25.1*	Schizoaffective disorder, depressive type	F39	Unspecified mood [affective] disorder
F25.8*	Other schizoaffective disorders	F40.00	Agoraphobia, unspecified
F25.9*	Schizoaffective disorder, unspecified	F40.01	Agoraphobia with panic disorder
F28	Other psychotic disorder not due to a	F40.02	Agoraphobia without panic disorder
120	substance or known physiological condition	1 40.02	Agoraphosia Without pame alsorael
F29	Unspecified psychosis not due to a	F40.10	Social phobia, unspecified
. 23	substance or known physiological condition	1 10.10	Social phosia, unspecimea
F30.10	Manic episode without psychotic	F40.11	Social phobia, generalized
130.10	symptoms, unspecified	140.11	Social phobia, generalized
F30.11	Manic episode without psychotic	F40.8	Other phobic anxiety disorders
. 50.11	symptoms, mild	1 40.0	other phoble anxiety disorders
F30.12	Manic episode without psychotic	F41.0	Panic disorder without agoraphobia
1 50.12	symptoms, moderate	1 71.0	. a.m. alborder without agoraphobia
F30.13	Manic episode, severe, without psychotic	F41.1	Generalized anxiety disorder
1 30.13	symptoms	1 71.1	Generalized anxiety disorder
	зушришэ		

Code	Description	Code	Description
F30.2	Manic episode, severe with psychotic	F41.3	Other mixed anxiety disorders
	symptoms		
F30.3	Manic episode in partial remission	F41.8	Other specified anxiety disorders
F30.4	Manic episode in full remission	F41.9	Anxiety disorder, unspecified
F30.8	Other manic episodes	F42	Obsessive-compulsive disorder
F30.9	Manic episode, unspecified	F43.10	Post-traumatic stress disorder, unspecified
F31.0	Bipolar disorder, current episode	F43.12	Post-traumatic stress disorder, chronic
	hypomanic		
F31.10	Bipolar disorder, current episode manic	F44.89	Other dissociative and conversion disorders
	without psychotic features, unspecified		
F31.11	Bipolar disorder, current episode manic	F50.00	Anorexia nervosa, unspecified
	without psychotic features, mild		
F31.12	Bipolar disorder, current episode manic	F50.01	Anorexia nervosa, restricting type
	without psychotic features, mod		
F31.13	Bipolar disorder, current episode manic	F50.02	Anorexia nervosa, binge eating/purging
	without psychotic features, severe		type
F31.2	Bipolar disorder, current episode manic	F50.2	Bulimia nervosa
	severe with psychotic features		
F31.30	Bipolar disorder, current episode	F50.8	Other eating disorders
	depressed, mild or mod severity,		
	unspecified		
F31.31	Bipolar disorder, current episode	F50.82	Avoidant/restrictive food intake disorder
	depressed, mild		
F31.32	Bipolar disorder, current episode	F50.9	Eating disorder, unspecified
524.4	depressed, moderate	FC2.4	D
F31.4	Bipolar disorder, current episode	F63.1	Pyromania
	depressed, severe, without psychotic features		
F31.5	Bipolar disorder, current episode	F63.3	Trichotillomania
L21.2	depressed, severe, with psychotic features	F03.3	Tricriotinomania
F31.60	Bipolar disorder, current episode mixed,	F63.81	Intermittent explosive disorder
F31.00	unspecified	103.61	intermittent explosive disorder
F31.61	Bipolar disorder, current episode mixed,	F63.89	Other impulse disorders
131.01	mild	103.03	Other impulse disorders
F31.62	Bipolar disorder, current episode mixed,	F84.0	Autistic disorder
131.02	moderate	104.0	Addistic disorder
F31.63	Bipolar disorder, current episode mixed,	F84.5	Asperger's syndrome
. 52.05	severe, without psychotic features	101.5	/isperger 33/marome
F31.64	Bipolar disorder, current episode mixed,	F90.0	Attention-deficit hyperactivity disorder,
. 52.6 .	severe, with psychotic features	130.0	predominantly inattentive type
F31.70	Bipolar disorder, currently in remission,	F90.1	Attention-deficit hyperactivity disorder,
•	most recent episode unspecified		predominantly hyperactive type
F31.71	Bipolar disorder, in partial remission, most	F90.2	Attention-deficit hyperactivity disorder,
	recent episode hypomanic		combined type
F31.72	Bipolar disorder, in full remission, most	F90.8	Attention-deficit hyperactivity disorder,
	recent episode hypomanic		other type
F31.73		F90.9	Attention-deficit hyperactivity disorder,
. 5 1., 5	Bipolar disorder, in partial remission, most	1 50.5	recention denote try peractivity disorder,
101.70	recent episode manic	130.3	unspecified type
F31.74		F91.0	

Code	Description	Code	Description
F31.75	Bipolar disorder, in partial remission, most recent episode depressed	F91.1	Conduct disorder, childhood-onset type
F31.76	Bipolar disorder, in full remission, most recent episode depressed	F91.2	Conduct disorder, adolescent-onset type
F31.77	Bipolar disorder, in partial remission, most recent episode mixed	F91.3	Oppositional defiant disorder
F31.78	Bipolar disorder, in full remission, most recent episode mixed	F91.8	Other conduct disorders
F31.81	Bipolar II disorder	F91.9	Conduct disorder, unspecified
F31.89	Other bipolar disorder	F94.1	Reactive attachment disorder of childhood
F31.9	Bipolar disorder, unspecified	F94.2	Disinhibited attachment disorder of childhood
F32.0	Major depressive disorder, single episode, mild	F98.8	Other specified behavioral and emotional disorders with onset usually occurring in childhood and adolescence
F32.1	Major depressive disorder, single episode, moderate	F99	Mental disorder, not otherwise specified
F32.2	Major depressive disorder, single episode, severe without psychotic features		

Table 4: SMI Diagnosis Code List *The following diagnosis code list was applied to both the FFS claims and LME/MCO encounters.*

Code	Description	Code	Description
F20.0	Paranoid schizophrenia	F31.74	Bipolar disorder, in full remission, most
			recent episode manic
F20.1	Disorganized schizophrenia	F31.75	Bipolar disorder, in partial remission, most
			recent episode depressed
F20.2	Catatonic schizophrenia	F31.76	Bipolar disorder, in full remission, most
			recent episode depressed
F20.3	Undifferentiated schizophrenia	F31.77	Bipolar disorder, in partial remission, most
			recent episode mixed
F20.5	Residual schizophrenia	F31.78	Bipolar disorder, in full remission, most
			recent episode mixed
F20.8	Other schizophrenia	F31.81	Bipolar II disorder
F20.81	Schizophreniform disorder	F31.89	Other bipolar disorder
F20.89	Other schizophrenia	F31.9	Bipolar disorder, unspecified
F20.9	Schizophrenia, unspecified	F32.0	Major depressive disorder, single episode,
			mild
F21	Schizotypal disorder	F32.1	Major depressive disorder, single episode,
			moderate
F22	Delusional Disorder Unspecified	F32.2	Major depressive disorder, single episode,
			severe without psychotic features
F25.0	Schizoaffective disorder, bipolar type	F32.3	Major depressive disorder, single episode,
			severe with psychotic features
F25.1	Schizoaffective disorder, depressive type	F32.4	Major depressive disorder, single episode,
			in partial remission
F25.8	Other schizoaffective disorders	F32.9	Major depressive disorder, single episode,
			unspecified
F25.9	Schizoaffective disorder, unspecified	F33.0	Major depressive disorder, recurrent, mild

Code	Description	Code	Description
F29	Unspecified psychosis not due to a	F33.1	Major depressive disorder, recurrent,
	substance or known physiological condition		moderate
F30.13	Manic episode, severe, without psychotic	F33.2	Major depressive disorder, recurrent severe
	symptoms		without psychotic features
F30.2	Manic episode, severe with psychotic	F33.3	Major depressive disorder, recurrent,
	symptoms		severe with psychotic symptoms
F31.0	Bipolar disorder, current episode	F33.41	Major depressive disorder, recurrent, in
	hypomanic		partial remission
F31.10	Bipolar disorder, current episode manic	F33.9	Major depressive disorder, recurrent,
	without psychotic features, unspecified		unspecified
F31.11	Bipolar disorder, current episode manic	F40.00	Agoraphobia, unspecified
	without psychotic features, mild		, Moraphica and anopeamed
F31.12	Bipolar disorder, current episode manic	F40.01	Agoraphobia with panic disorder
131.12	without psychotic features, moderate	1 40.01	Agoraphosia with parite disorder
F31.13	Bipolar disorder, current episode manic	F41.0	Panic disorder without agoraphobia
131.13	without psychotic features, severe	141.0	Tame disorder without agoraphobia
F31.2	Bipolar disorder, current episode manic	F41.1	Generalized anxiety disorder
F31.2	severe with psychotic features	F41.1	Generalized anxiety disorder
F21 20	Bipolar disorder, current episode	E42	Obsessive compulsive disorder
F31.30	·	F42	Obsessive-compulsive disorder
	depressed, mild or mod severity,		
F24 24	unspecified	E42.2	Handing disputer
F31.31	Bipolar disorder, current episode	F42.3	Hoarding disorder
F24 22	depressed, mild	F42.40	Dt-t
F31.32	Bipolar disorder, current episode	F43.10	Post-traumatic stress disorder, unspecified
	depressed, moderate		
F31.4	Bipolar disorder, current episode	F43.11	Post-traumatic stress disorder, acute
	depressed, severe, without psychotic		
	features		
F31.5	Bipolar disorder, current episode	F43.12	Post-traumatic stress disorder, chronic
	depressed, severe, with psychotic features		
F31.60	Bipolar disorder, current episode mixed,	F44.2	Dissociative stupor
	unspecified		
F31.61	Bipolar disorder, current episode mixed,	F44.81	Dissociative identity disorder
	mild		
F31.62	Bipolar disorder, current episode mixed,	F44.9	Dissociative and conversion disorder,
	moderate		unspecified
F31.63	Bipolar disorder, current episode mixed,	F50.00	Anorexia nervosa, unspecified
	severe, without psychotic features		
F31.64	Bipolar disorder, current episode mixed,	F50.01	Anorexia nervosa, restricting type
	severe, with psychotic features		
F31.70	Bipolar disorder, currently in remission,	F50.02	Anorexia nervosa, binge eating/purging
	most recent episode unspecified		type
F31.71	Bipolar disorder, in partial remission, most	F50.2	Bulimia nervosa
	recent episode hypomanic		
F31.72	Bipolar disorder, in full remission, most	F53	Puerperal psychosis
	recent episode hypomanic		
	recent episode riypomanie		
F31.73	Bipolar disorder, in partial remission, most	F60.3	Borderline Personality Disorder

Table 5: SUD Diagnosis Code List

The following diagnosis code list was applied to both the FFS claims and LME/MCO encounters.

		ı	
Code	Description	Code	Description
F10.10	Alcohol abuse, uncomplicated	F14.220	Cocaine dependence with intoxication,
			uncomplicated
F10.121	Alcohol abuse with intoxication delirium	F14.23	Cocaine dependence with withdrawal
F10.20	Alcohol dependence, uncomplicated	F14.250	Cocaine dependence with cocaine-induced
			psychotic disorder with delusions
F10.22	Alcohol dependence with intoxication,	F14.251	Cocaine dependence with cocaine-induced
	uncomplicated		psychotic disorder with hallucinations
F10.221	Alcohol dependence with intoxication	F14.29	Cocaine dependence with unspecified
	delirium		cocaine-induced disorder
F10.23	Alcohol dependence with withdrawal,	F15.10	Other stimulant abuse, uncomplicated
	uncomplicated		
F10.231	Alcohol dependence with withdrawal	F15.20	Other stimulant dependence,
	delirium		uncomplicated
F10.232	Alcohol dependence with withdrawal with	F15.220	Other stimulant dependence with
	perceptual disturbance		intoxication, uncomplicated
F10.239	Alcohol dependence with withdrawal,	F15.23	Other stimulant dependence with
	unspecified		withdrawal
F10.25	Alcohol dependence with alcohol-induced	F15.250	Other stimulant dependence with
	psychotic disorder with delusions		stimulant-induced psychotic disorder with
	. ,		delusions
F10.251	Alcohol dependence with alcohol-induced	F15.251	Other stimulant dependence with
	psychotic disorder with hallucinations		stimulant-induced psychotic disorder with
	. ,		hallucinations
F10.29	Alcohol dependence with unspecified	F15.29	Other stimulant dependence with
	alcohol-induced disorder		unspecified stimulant-induced disorder
F10.921	Alcohol use, unspecified with intoxication	F15.929	Other stimulant use, unspecified with
	delirium		intoxication, unspecified
F11.10	Opioid abuse, uncomplicated	F15.93	Other stimulant use, unspecified with
	, ,		withdrawal
F11.120	Opioid abuse with intoxication,	F16.10	Hallucinogen abuse, uncomplicated
	uncomplicated		, ,
F11.129	Opioid abuse with intoxication, unspecified	F16.20	Hallucinogen dependence, uncomplicated
F11.20	Opioid dependence, uncomplicated	F16.220	Hallucinogen dependence with intoxication,
	opiona aspendance, amonipina		uncomplicated
F11.22	Opioid dependence with intoxication,	F16.250	Hallucinogen dependence with
	uncomplicated		hallucinogen-induced psychotic disorder
	,		with delusions
F11.23	Opioid dependence with withdrawal	F16.251	Hallucinogen dependence with
			hallucinogen-induced psychotic disorder
			with hallucinations
F11.25	Opioid dependence with opioid-induced	F16.283	Hallucinogen dependence with
	psychotic disorder with delusions		hallucinogen persisting perception disorder
	1.7,3		(flashbacks)
F11.251	Opioid dependence with opioid-induced	F16.288	Hallucinogen dependence with other
	psychotic disorder with hallucinations	-5.255	hallucinogen-induced disorder
F11.259	Opioid dependence with opioid-induced	F16.29	Hallucinogen dependence with unspecified
. 11.233	psychotic disorder, unspecified	1 10.23	hallucinogen-induced disorder
F11.29	Opioid dependence with unspecified	F18.10	Inhalant abuse, uncomplicated
1 11.23	opioid-induced disorder	1 10.10	illiaiant abuse, uncomplicateu
E11 00		E10 20	Inhalant dependence uncomplicated
F11.90	Opioid use, unspecified, uncomplicated	F18.20	Inhalant dependence, uncomplicated

Code	Description	Code	Description
F11.93	Opioid use, unspecified with withdrawal	F18.220	Inhalant dependence with intoxication,
			uncomplicated
F12.10	Cannabis abuse, uncomplicated	F18.250	Inhalant dependence with inhalant-induced
			psychotic disorder with delusions
F12.20	Cannabis dependence, uncomplicated	F18.251	Inhalant dependence with inhalant-induced
			psychotic disorder with hallucinations
F12.220	Cannabis dependence with intoxication,	F18.29	Inhalant dependence with unspecified
	uncomplicated		inhalant-induced disorder
F12.250	Cannabis dependence with psychotic	F19.10	Other psychoactive substance abuse,
	disorder with delusions		uncomplicated
F12.251	Cannabis dependence with psychotic	F19.20	Other psychoactive substance dependence,
	disorder with hallucinations		uncomplicated
F12.288	Cannabis dependence with other cannabis-	F19.220	Other psychoactive substance dependence
	induced disorder		with intoxication, uncomplicated
F12.29	Cannabis dependence with unspecified	F19.222	Other psychoactive substance dependence
	cannabis-induced disorder		with intoxication with perceptual
			disturbance
F12.90	Cannabis use, unspecified, uncomplicated	F19.230	Other psychoactive substance dependence
			with withdrawal, uncomplicated
F13.10	Sedative, hypnotic or anxiolytic abuse,	F19.231	Other psychoactive substance dependence
	uncomplicated		with withdrawal delirium
F13.20	Sedative, hypnotic or anxiolytic	F19.232	Other psychoactive substance dependence
	dependence, uncomplicated		with withdrawal with perceptual
			disturbance
F13.220	Sedative, hypnotic or anxiolytic	F19.239	Other psychoactive substance dependence
	dependence with intoxication,		with withdrawal, unspecified
	uncomplicated		
F13.230	Sedative, hypnotic or anxiolytic	F19.24	Other psychoactive substance dependence
	dependence with withdrawal,		with mood disorder
	uncomplicated		
F13.231	Sedative, hypnotic or anxiolytic	F19.250	Other psychoactive substance dependence
	dependence with withdrawal delirium		with psychoactive substance-induced
			psychotic disorder with delusions
F13.232	Sedative, hypnotic or anxiolytic	F19.251	Other psychoactive substance dependence
	dependence with withdrawal with		with psychoactive substance-induced
	perceptual disturb		psychotic disorder with hallucinations
F13.239	Sedative, hypnotic or anxiolytic	F19.259	Other psychoactive substance dependence
	dependence with withdrawal, unspecified		with psychotic disorder, unspecified
F13.250	Sedative, hypnotic or anxiolytic	F19.26	Other psychoactive substance dependence
	dependence with sedative, hypnotic or		with persist amnestic disorder
	anxiolytic-induced psychotic disorder with		
	delusions		
F13.251	Sedative, hypnotic or anxiolytic	F19.280	Other psychoactive substance dependence
	dependence with sedative, hypnotic or		with anxiety disorder
	anxiolytic-induced psychotic disorder with		
	hallucinations		
F13.26	Sedative, hypnotic or anxiolytic	F19.281	Other psychoactive substance dependence
	dependence with sedative, hypnotic or		with sexual dysfunction
	anxiolytic-induced persisting amnestic		
	disorder		

Code	Description	Code	Description
F13.29	Sedative, hypnotic or anxiolytic dependence with unspecified sedative, hypnotic or anxiolytic-induced disorder	F19.282	Other psychoactive substance dependence with sleep disorder
F14.10	Cocaine abuse, uncomplicated	F19.288	Other psychoactive substance dependence with other disorder
F14.20	Cocaine dependence, uncomplicated	F19.29	Other psychoactive substance dependence with unspecified disorder

Table 6: Enhanced BH Services

The following service code list was applied to both the FFS claims and LME/MCO encounters.

Description	Code ⁸
Non-Hospital Medical Detoxification	H0010
SA Non-Medical Community Residential Treatment	H0012
SA Medically Monitored Community Residential Treatment	H0013
Ambulatory Detoxification	H0014
SA Intensive Outpatient Program	H0015
HRI Residential	H0019
Opioid Treatment	H0020
Partial Hospital	H0035
Assertive Community Treatment Team	H0040
HRI Residential	H0046
Mobile Crisis Management	H2011
Child/Adolescent Day Treatment	H2012
Community Support	H2015
Psychosocial Rehabilitation	H2017
HRI Residential	H2020
Intensive In-Home Services	H2022
Multi-Systemic Therapy	H2033
SA Comprehensive Outpatient Treatment Program	H2035
Medically Monitored or ADATC Detoxification/Crisis Stabilization	H2036
HRI Residential	S5145
Facility-Based Crisis	S9484

Table 7: Clozapine and Long-Acting Injectable Antipsychotics

The following products were used in the identification of clozapine and long-acting injectable antipsychotics.

Description	Description
ABILIFY MAINTENA ER 300 MG SYR	HALOPERIDOL DEC 100 MG/ML AMP
ABILIFY MAINTENA ER 300 MG VL	HALOPERIDOL DEC 100 MG/ML VIAL
ABILIFY MAINTENA ER 400 MG SYR	HALOPERIDOL DEC 50 MG/ML VIAL
ABILIFY MAINTENA ER 400 MG VL	HALOPERIDOL DEC 500 MG/5 ML VL
ARISTADA ER 1064 MG/3.9 ML SYR	HALOPERIDOL DECAN 50 MG/ML AMP
ARISTADA ER 441 MG/1.6 ML SYRN	INVEGA SUSTENNA 117 MG/0.75 ML
ARISTADA ER 662 MG/2.4 ML SYRN	INVEGA SUSTENNA 156 MG/ML SYRG
ARISTADA ER 882 MG/3.2 ML SYRN	INVEGA SUSTENNA 234 MG/1.5 ML
ARISTADA INITIO ER 675 MG/2.4	INVEGA SUSTENNA 39 MG/0.25 ML

⁸ BH I/DD Tailored Plan data logic did not rely on the modifier field.

Description	Description
CLOZAPINE 100 MG TABLET	INVEGA SUSTENNA 78 MG/0.5 ML
CLOZAPINE 25 MG TABLET	INVEGA TRINZA 273 MG/0.875 ML
CLOZAPINE 50 MG TABLET	INVEGA TRINZA 410 MG/1.315 ML
CLOZAPINE ODT 100 MG TABLET	INVEGA TRINZA 546 MG/1.75 ML
CLOZAPINE ODT 12.5 MG TABLET	INVEGA TRINZA 819 MG/2.625 ML
CLOZAPINE ODT 150 MG TABLET	PERSERIS ER 120 MG SYRINGE KIT
CLOZAPINE ODT 200 MG TABLET	PERSERIS ER 90 MG SYRINGE KIT
CLOZAPINE ODT 25 MG TABLET	RISPERDAL CONSTA 12.5 MG SYR
CLOZARIL 100 MG TABLET	RISPERDAL CONSTA 25 MG SYR
CLOZARIL 25 MG TABLET	RISPERDAL CONSTA 37.5 MG SYR
FAZACLO 100 MG ODT	RISPERDAL CONSTA 50 MG SYR
FAZACLO 12.5 MG ODT	VERSACLOZ 50 MG/ML SUSPENSION
FAZACLO 150 MG ODT	ZYPREXA RELPREVV 210 MG VIAL
FAZACLO 200 MG ODT	ZYPREXA RELPREVV 210 MG VL KIT
FAZACLO 25 MG ODT	ZYPREXA RELPREVV 300 MG VIAL
FLUPHENAZINE DECANOATE LIQUID	ZYPREXA RELPREVV 300 MG VL KIT
FLUPHENAZINE DECANOATE OIL	ZYPREXA RELPREVV 405 MG VIAL
HALDOL DECANOATE 100 AMPUL	ZYPREXA RELPREVV 405 MG VIAL KIT
HALDOL DECANOATE 50 AMPUL	