

1115 Primary Care Network Demonstration Amendment

Adult Social Detoxification Covered Service

Amendment # 19

Section I. Program Description and Objectives

The State of Utah is seeking an amendment to its 1115 Primary Care Network Demonstration waiver to provide clinically managed residential withdrawal management services to Medicaid eligible adults age 18 and older, who reside in Salt Lake County. These services, referred to as social detoxification, are provided to individuals with substance use disorders who need help to safely withdraw from substances. These individuals are medically stable, and therefore do not require inpatient hospital services. These services are provided in a social setting with an emphasis on peer support. Structure and support, as well as daily monitoring to assess medical needs, is provided 24/7 by facility staff. In addition, individuals are offered withdrawal supports such as; psychoeducation groups, health education, recovery support and 12-step meetings, such as Alcoholic Anonymous groups, and assessments for substance abuse treatment. This level of withdrawal management care is called ASAM level 3.2-WM.

Goals and Objectives

The primary objective of this Demonstration is to help individuals withdraw from substances in a safe, least restrictive environment, and then connect the members to needed services. These services are based on the member's needs such as; medication assisted treatment, ASAM based substance abuse treatment, housing needs, employment needs, and medical needs.

The goals of the Demonstration are to reduce non-emergent use of the emergency department, and to reduce inappropriate inpatient stays. The State believes that providing a more appropriate level of care will help in meeting these goals.

Operation and Proposed Timeline

The Demonstration will operate in Salt Lake County only, through Volunteers of America's Adult Detoxification Center and Center for Women and Children (VOA). VOA is licensed by the Utah Office of Licensing to provide social detoxification services (Rule R501-11. Social Detoxification Programs). VOA currently has 96 beds between the two facilities. VOA will continue to coordinate with local hospitals and law enforcement in order to help achieve the above stated goals.

The State intends to implement the Demonstration effective April 1, 2019. The State requests to operate the Demonstration through the end of the current waiver approval period, which is June 30, 2022.

Hypotheses

With the help of an independent evaluator, the State will develop a plan for evaluating the hypotheses indicated below. Utah will identify validated performance measures that adequately assess the impact of the Demonstration to beneficiaries.

The following hypotheses will be tested during the demonstration period:

Hypothesis	Anticipated Measure(s)	Data Sources	Evaluation Approach
The Demonstration will reduce the rate of emergency department stays for substance use disorder (SUD) issues.	<p>-Rate of emergency department for SUD utilization among Salt Lake County members prior to Demonstration.</p> <p>-Rate of emergency department for SUD utilization among Salt Lake County members post Demonstration.</p> <p>-Rate of emergency department for SUD utilization among Utah members outside Salt Lake County prior to Demonstration.</p> <p>-Rate of emergency department for SUD utilization among Utah members outside Salt Lake County members post Demonstration.</p>	<p>Claims/encounter data</p> <p>Enrollment data</p>	Difference-in-Difference comparison of county affected by the Demonstration to other counties not affected by the Demonstration.
The Demonstration will reduce the number of inpatient days due to substance use disorder issues.	<p>-Rate of inpatient utilization for SUD utilization among Salt Lake County members prior to Demonstration.</p> <p>-Rate of inpatient utilization for SUD utilization among Salt Lake County members post Demonstration.</p>	<p>Claims/encounter data</p> <p>Enrollment data</p>	Difference-in-Difference comparison of county affected by the Demonstration to other counties not affected by the Demonstration.

	-Rate of inpatient utilization for SUD utilization among Utah members outside Salt Lake County prior to Demonstration. -Rate of inpatient utilization for SUD utilization among Utah members outside Salt Lake County members post Demonstration.		
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Section II. Demonstration Eligibility

Medicaid eligible adults age 18 and older, who are Salt Lake County residents, and meet criteria for ASAM level of care 3.2-WM, may receive the social detoxification service.

Projected Enrollment

The State estimates an annual enrollment of 2300 unduplicated members.

Section III. Demonstration Benefits and Cost Sharing Requirements

Individuals eligible under this Demonstration will receive withdrawal management services at ASAM level 3.2-WM as described in *The ASAM Criteria* pages 137-139. The specific withdrawal management services provided under this Demonstration are as follows:

- Monitoring for symptoms that may require medical attention;
- Specialized clinical supervision for biomedical, emotional, behavioral, and cognitive problems,
- 24/7 onsite supervision and staffing,
- Daily assessments by specialized staff,
- Psychoeducation therapies designed to increase the understanding of addiction and withdrawal management,
- Access to social support groups such as Alcoholics Anonymous,
- Access to assessments and referrals to substance use disorder treatment, and
- Individualized interdisciplinary treatment plans.

Social detoxification services are exempt from cost sharing.

Section IV. Delivery System

Adult detoxification services provided under this Demonstration will be delivered fee for service using a bundled daily rate. At a future date, the State may transition delivery of these services to managed care under 1915(b) authority or by amendment to this Demonstration.

Section V. Enrollment in Demonstration

Eligible individuals will be delivered the service, if they meet appropriate criteria as determined by the intake assessment performed at VOA by the recovery assistants, or by the referring agency (ie. emergency department, fire department, or police department).

Section VI. Demonstration Financing and Budget Neutrality

Refer to Budget Neutrality-Attachment 1 for the State's historical and projected expenditures for the requested period of the Demonstration.

Funding for the non-federal share for this service will be provided by Salt Lake County through an intergovernmental transfer.

Section VII. Proposed Waiver and Expenditure Authority

The State requests the following proposed waivers and expenditure authorities to operate the Demonstration.

Waiver and Expenditure Authority	Reason and Use of Waiver
Section 1902(a)(10)(B)- Amount, Duration, and Scope of Services and Comparability	To enable the State to provide benefit packages to the Demonstration population that differs from the State plan benefit package.
Section 1902(a)(1)- Statewideness	To enable the State to operate the Demonstration on a less-than-statewide basis.
Section 1902(a)(23)(A)- Freedom of Choice	To enable the State to restrict freedom of choice of providers for Title XIX populations affected by this Demonstration.

Expenditure Authority

The State requests expenditure authority to provide social detoxification service benefits to individuals in this Demonstration group.

Section VIII. Compliance with Public Notice and Tribal Consultation

Public Notice of the State's request for amendment and notice of Public Hearing will be published in the Utah State Bulletin on December 1, 2018 and December 15, 2018. Public notice will also be advertised in the newspapers of widest circulation and sent to an electronic mailing list. The public has through December 31, 2018 to provide comment on this amendment.

A presentation regarding the amendment request will be provided to the Utah Indian Health Advisory Board (UIHAB) on December 14, 2018. This is the first step in our approved consultation process.

Public hearings to take public comment on the amendment request will be held on December 10, 2018 from 4:00 p.m. to 6:00 p.m., and on December 20, 2018 from 2:00 p.m. to 4:00 p.m. during the Medical Care Advisory Committee (MCAC) meeting.

Section IX. Demonstration Administration

Name and Title: Nate Checketts, Deputy Director, Utah Department of Health

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DEMONSTRATION WITHOUT WAIVER (WOW) BUDGET PROJECTION: COVERAGE COSTS FOR POPULATIONS

ELIGIBILITY GROUP	TREND RATE 1	MONTHS OF AGING	BASE YEAR DY 15 (SFY 17)	TREND RATE 2	DEMONSTRATION YEARS (DY)					TOTAL WOW
					DY 16 (SFY 18)	DY 17 (SFY 19)	DY 18 (SFY 20)	DY 19 (SFY 21)	DY 20 (SFY 22)	
Current Eligibles										
Pop Type:										
Medicaid										
Eligible Member Months	0.00%	0	377,866	0.0%	377,866	377,866.00	377,866	377,866.00	377,866	
PMPM Cost	5.30%	0	\$ 949.03	5.3%	\$ 999.33	\$ 1,052.29	\$ 1,108.07	\$ 1,166.79	\$ 1,228.63	
Total Expenditure					\$ 377,612,829.78	\$ 397,626,309.76	\$ 418,700,504.18	\$ 440,891,630.90	\$ 464,258,887.33	\$ 2,099,090,162
Demo Pop I - PCN Adults with Children										
Pop Type:										
Hypothetical										
Eligible Member Months	5.92%	0	104,836	5.9%	111,042	117,615.99	124,579	131,953.93	139,766	
PMPM Cost	5.30%	0	\$ 46.18	5.3%	\$ 48.63	\$ 51.21	\$ 53.92	\$ 56.78	\$ 59.79	
Total Expenditure					\$ 5,399,986.62	\$ 6,022,808.12	\$ 6,717,464.35	\$ 7,492,240.57	\$ 8,356,377.61	\$ 33,988,877
Demo Pop III/IV - UPP Adults with Children										
Pop Type:										
Hypothetical										
Eligible Member Months	34.9%	0	6,067	34.9%	8,181.96	11,034.19	14,880.70	20,068.12	27,063.86	
PMPM Cost	5.3%	0	\$ 150.08	5.3%	\$ 158.03	\$ 166.41	\$ 175.23	\$ 184.51	\$ 194.29	
Total Expenditure					\$ 1,292,995	\$ 1,836,150	\$ 2,607,473	\$ 3,702,809	\$ 5,258,269	\$ 14,697,695
Dental - Targeted Adults										
Pop Type:		Est. Start: 1/1/19								
Expansion										
Eligible Member Months		0			-	18,000	36,000	36,000	36,000	
PMPM Cost	5.3%	0		5.3%	\$ -	\$33.33	\$35.10	\$36.96	\$38.92	
Total Expenditure					\$ -	\$ 600,000	\$ 1,263,600	\$ 1,330,571	\$ 1,401,091	\$ 4,595,262
System of Care										
Pop Type:		Est. Start: 1/1/19								
Hypothetical										
Eligible Member Months		0			-	720	1,440	1,440	1,440	
PMPM Cost	5.3%	0		5.3%	\$ -	\$ 2,100.00	\$2,211.30	\$2,328.50	\$2,451.91	
Total Expenditure					\$ -	\$ 1,512,000	\$ 3,184,272	\$ 3,353,038	\$ 3,530,749	\$ 11,580,060
Dental - Blind/Disabled										
Pop Type:		Hypothetical								
Eligible Member Months	0%	0			412,361	412,361	412,361	412,361	412,361	
PMPM Cost	3.0%	0			\$ 18.42	\$ 18.97	\$ 19.54	\$ 20.13	\$ 20.73	
Total Expenditure					\$ 7,595,689.62	\$ 7,823,560	\$ 8,058,267	\$ 8,300,015	\$ 8,549,016	\$ 40,326,548
Former Foster										
Pop Type:		Hypothetical								
Eligible Member Months	0%	24			10	10	10	10	10	
PMPM Cost	4.8%	24			\$ 990.87	\$ 1,038.43	\$ 1,088.28	\$ 1,140.51	\$ 1,195.26	
Total Expenditure					\$ 9,908.70	\$ 10,384.32	\$ 10,882.76	\$ 11,405.14	\$ 11,952.58	\$ 54,533.50
SUD										
Pop Type:		Hypothetical								
Eligible Member Months	6.9%	18	36,913	6.9%	39,456.31	42,175	45,081	48,187	51,507	
PMPM Cost	5.0%	18	\$ 3,163.77	5.0%	\$ 3,321.96	\$ 3,488.06	\$ 3,662.46	\$ 3,845.58	\$ 4,037.86	
Total Expenditure					\$ 131,072,269	\$ 147,108,390	\$ 165,106,231	\$ 185,306,008	\$ 207,977,324	\$ 836,570,223
Social Detox										
Pop Type:		Hypothetical								
Eligible Member Months	0.0%	0		0.0%	-	1,004	4,018	4,018	4,018	
PMPM Cost	5.0%	0		5.0%	\$ -	\$ 700.00	\$ 735.00	\$ 771.75	\$ 810.34	
Total Expenditure					\$ -	\$ 703,106	\$ 2,953,046	\$ 3,100,699	\$ 3,255,733	\$ 10,012,584.55

Assumes start date of 4/1/19 (3 months of SFY19)

DEMONSTRATION WITH WAIVER (WW) BUDGET PROJECTION: COVERAGE COSTS FOR POPULATIONS

ELIGIBILITY GROUP		DY 15	DEMO TREND RATE	DEMONSTRATION YEARS (DY)					TOTAL WW
				DY 16 (SFY 18)	DY 17 (SFY 19)	DY 18 (SFY 20)	DY 19 (SFY 21)	DY 20 (SFY 22)	
Current Eligibles									
Pop Type:		Medicaid							
Eligible Member Months		377,866	0%	377,866	377,866	377,866	377,866	377,866	
PMPM Cost		\$ 949.03	5.3%	\$ 999.33	\$ 1,052.29	\$ 1,108.06	\$ 1,166.79	\$ 1,228.63	
Total Expenditure				\$ 377,612,297	\$ 397,625,749	\$ 418,699,913	\$ 440,891,009	\$ 464,258,232	\$ 2,099,087,200
Demo Pop I - PCN Childless Adults									
Pop Type:		Medicaid							
Eligible Member Months		70,097	4.9%	73,812	77,724	81,844	86,181	90,749	
PMPM Cost		\$ 48.97	5.3%	\$ 51.57	\$ 54.30	\$ 57.18	\$ 60.21	\$ 63.40	
Total Expenditure				\$ 3,806,153	\$ 4,220,297	\$ 4,679,503	\$ 5,188,675	\$ 5,753,250	\$ 23,647,879
Demo Pop III/V - UPP Childless Adults									
Pop Type:		Medicaid							
Eligible Member Months		159	4.9%	167	175	184	193	202	
PMPM Cost		\$ 68.45	5.3%	\$ 72.08	\$ 75.90	\$ 79.92	\$ 84.16	\$ 88.62	
Total Expenditure				\$ 10,702	\$ 11,237	\$ 11,799	\$ 12,388	\$ 13,008	\$ 59,133
Targeted Adults									
Pop Type:		Expansion							
Eligible Member Months			0%	78,000	78,000	78,000	78,000	78,000	
PMPM Cost			5.3%	\$ 979.53	\$ 1,031.45	\$ 1,086.11	\$ 1,143.68	\$ 1,204.29	
Total Expenditure				\$ 76,403,340	\$ 80,452,717	\$ 84,716,711	\$ 89,206,697	\$ 93,934,652	\$ 424,714,116
Dental - Targeted Adults									
Pop Type:		Expansion		Est. Start: 1/1/19					
Eligible Member Months				-	18,000	36,000	36,000	36,000	
PMPM Cost			5.3%	\$ -	\$ 33.33	\$ 35.10	\$ 36.96	\$ 38.92	
Total Expenditure				\$ -	\$ 600,000	\$ 1,263,600	\$ 1,330,571	\$ 1,401,091	\$ 4,595,262
System of Care									
Pop Type:		Hypothetical		Est. Start: 1/1/19					
Eligible Member Months				-	720	1,440	1,440	1,440	
PMPM Cost			5.3%	\$ -	\$ 2,100.00	\$ 2,211.30	\$ 2,328.50	\$ 2,451.91	
Total Expenditure				\$ -	\$ 1,512,000	\$ 3,184,272	\$ 3,353,038	\$ 3,530,749	\$ 11,580,060
Demo Pop I - PCN Adults w/Children									
Pop Type:		Hypothetical							
Eligible Member Months		104,836	5.9%	111,042	117,616	124,579	131,954	139,766	
PMPM Cost		\$ 46.18	5.3%	\$ 48.63	\$ 51.20	\$ 53.92	\$ 56.77	\$ 59.78	
Total Expenditure				\$ 5,399,479	\$ 6,022,242	\$ 6,716,833	\$ 7,491,536	\$ 8,355,592	\$ 33,985,680

DEMONSTRATION WITH WAIVER (WW) BUDGET PROJECTION: COVERAGE COSTS FOR POPULATIONS

ELIGIBILITY GROUP		DY 15	DEMO TREND RATE	DEMONSTRATION YEARS (DY)					TOTAL WW
				DY 16 (SFY 18)	DY 17 (SFY 19)	DY 18 (SFY 20)	DY 19 (SFY 21)	DY 20 (SFY 22)	
Demo Pop III/IV - UPP Adults with Children									
Pop Type:		Hypothetical							
Eligible Member Months		6,067	34.9%	\$ 8,181.96	\$ 11,034.19	\$ 14,880.70	\$ 20,068.12	\$ 27,063.86	
PMPM Cost	\$	150.08	5.3%	\$ 158.04	\$ 166.41	\$ 175.23	\$ 184.52	\$ 194.30	
Total Expenditure				\$ 1,293,049	\$ 1,836,227	\$ 2,607,582	\$ 3,702,963	\$ 5,258,489	\$ 14,698,309
Dental - Blind/Disabled									
Pop Type:		Hypothetical							
Eligible Member Months			0%	412,361	412,361	412,361	412,361	412,361	
PMPM Cost			3.0%	\$ 18.42	\$ 18.97	\$ 19.54	\$ 20.13	\$ 20.73	
Total Expenditure				\$ 7,595,690	\$ 7,823,560	\$ 8,058,267	\$ 8,300,015	\$ 8,549,016	\$ 40,326,548
Former Foster Care									
Pop Type:		Hypothetical							
Eligible Member Months			0%	10	10	10	10	10	
PMPM Cost			4.8%	\$ 990.87	\$ 1,038.43	\$ 1,088.28	\$ 1,140.51	\$ 1,195.26	
Total Expenditure				\$ 9,909	\$ 10,384	\$ 10,883	\$ 11,405	\$ 11,953	\$ 54,534
SUD									
Pop Type:		Hypothetical							
Eligible Member Months			6.9%	39,456	42,175	45,081	48,187	51,507	
PMPM Cost			5.0%	\$ 3,321.96	\$ 3,488.06	\$ 3,662.46	\$ 3,845.58	\$ 4,037.86	
Total Expenditure				\$ 131,072,269	\$ 147,108,390	\$ 165,106,231	\$ 185,306,008	\$ 207,977,324	\$ 836,570,223
Social Detox									
Pop Type:		Hypothetical							
Eligible Member Months			0.0%	-	1,004	4,018	4,018	4,018	
PMPM Cost			5.0%	\$ -	\$ 700.00	\$ 735.00	\$ 771.75	\$ 810.34	
Total Expenditure				\$ -	\$ 703,106	\$ 2,953,046	\$ 3,100,699	\$ 3,255,733	\$ 10,012,585

Assumes start date of 4/1/19 (3 months of SFY19)

NOTES

For a per capita budget neutrality model, the trend for member months is the same in the with-waiver projections as in the without-waiver projections. This is the default setting.

Cost Justification - Other Populations

Dental - Targeted Adults (Childless Adults 0% FPL receiving SUD treatment)

The following estimates were provided by Dr. Glen R. Hanson, D.D.S., Ph.D, Associate Dean, Professor of Pharmacology, School of Dentistry, University of Utah on April 10, 2018

Approximate # of patients per year:	3,000
Member months per year:	36,000
Approximate cost per patient per year:	\$400
Approximate cost per year:	\$1,200,000
PMPM (\$1.2M / 36,000)	\$33.33

System of Care Children/Youth <22 years old

The following information and estimates were provided by Ruth Wilson, Assistant Division Director, Utah Department of Human Services on April 18, 2018

Target population is children/youth under the age of 22.

Who will be eligible?

- Are Medicaid eligible and their families
- Receive CHIP insurance who require crisis stabilization services with incomes up to 200% FPL
- Receive services from multiple providers, or are at risk of...
 - Experiencing significant emotional and/or behavioral challenges
 - Being placed into custody of the state
 - Not returning home from state's custody
 - Placement in residential, inpatient or state hospital

Approximate # of patients per year:	720 ¹
Members served per month	120
Members months per year	1,440
Approximate cost per episode (8-week treatment) ²	\$4,200
Approximate cost per year:	\$3,024,000
PMPM (\$3,024,000 / 1,440)	\$2,100

¹. During fiscal year 2015, there were approximately 7,200 children/youth in custody. Estimated that 10% would use stabilization services.

². Episode includes psycho-social rehabilitation services, psychoeducation, individual skills training and development, case management, family and youth peer support, respite, behavior management, individual and family therapeutic behavioral services, crisis stabilization related transportation, coordination of care, other behavioral support as needed to maintain stabilization.

Social Detox Adults >18

The cost per bed and number of beds used by Medicaid clients were provided by Volunteers of America, the provider for the social detox services.

Target population: adults greater than 18

Starts April 1, 2019

Who will be eligible?

- | | |
|--|---|
| - Medicaid males without children | 1 |
| - Medicaid females (Parent, Caretaker, Relative) | 1 |
| - Medicaid females without children | 1 |

# of beds available	96
Beds used by Medicaid clients per month	77 ²
Medicaid bed days per month ($77 \times 365.25 / 12$)	2,344
Average number of Medicaid bed days per month per client	7
Average number of Medicaid clients per month ($2,344 / 7$)	335
Estimated cost per bed per day	\$100
Estimated Medicaid annual cost ($2,344 \times \$100 \times 12$)	\$2,812,425
Number of Medicaid clients per year (335×12)	4,018
PMPM ($\$2,812,425 / 4,018$)	\$700

1 Resides in Salt Lake County

2 Assumes 100% occupancy once the State implements full Medicaid Expansion