



Department of
Medicaid



Resilience through
Integrated Systems and Excellence

Intensive Home-Based Treatment and Mobile Response Stabilization Service Preliminary Rate Review

May 27, 2021

2:00 – 4:00 PM

Housekeeping



All participants can mute and unmute their own lines, **so please be sure to mute your line when you're not talking. If you are muted during the meeting and called in, you must press *6 to unmute.**



Please introduce yourself by entering your name, title, and organization in the chat feature.

We hope to have robust oral discussion among Advisory Council members. All other attendees may enter comments or questions using the **chat** feature in Teams.



The slides from this meeting will be available following the meeting on the [OhioRISE Website](#).

Rate Setting Commitment

- Establishing rates for the new/enhanced package of OhioRISE services is a critical stage of our work
- We understand OhioRISE:
 - » Requires simultaneous implementation of a number of new/enhanced services
 - » Draws on the same workforce to implement many of the new/enhanced services
- With the points above in mind, ODM is committed to setting service rates for the program:
 - » Understandably
 - » Transparently
 - » Sustainably

Rate Setting Approach

- Who
 - » Allowable practitioners – driven by competencies needed to perform the service
 - » Supervisors and consulting practitioners
- What
 - » Direct activities required for the service – driven by regulatory framework and fidelity to evidence-based practices
 - » Travel
 - » Indirect activities
 - » Program overhead

Agenda



1 Background



2 Provider Grouping Assumption Development



3 IHBT Rate Development



4 Crisis MR/SS Rate Development

Background

Independent Rate Model

Overview



Ground-up approach

- Rates are built from the ground up
- Based on sum of independently determined rate inputs and components
- Inputs are based on expected resources required to provide the service



Commonly applied method for rate determination for non-institutional home and community-based services

- Many states employ independent rate model approach
- One of accepted methods based on CMS guidance for HCBS services

Benefits

- Provides transparency as to the reasonable costs required to provide the service
- Facilitates streamlined process to update rates in future periods
- Facilitates comparison of actual costs of providing services
- Can be adopted to support future rate modification efforts
- Developed independently from actual costs incurred

Independent Rate Model

Data Sources



Publicly available information, including but not limited to, wage information from the Bureau of Labor Statistics (BLS), specifically for Ohio



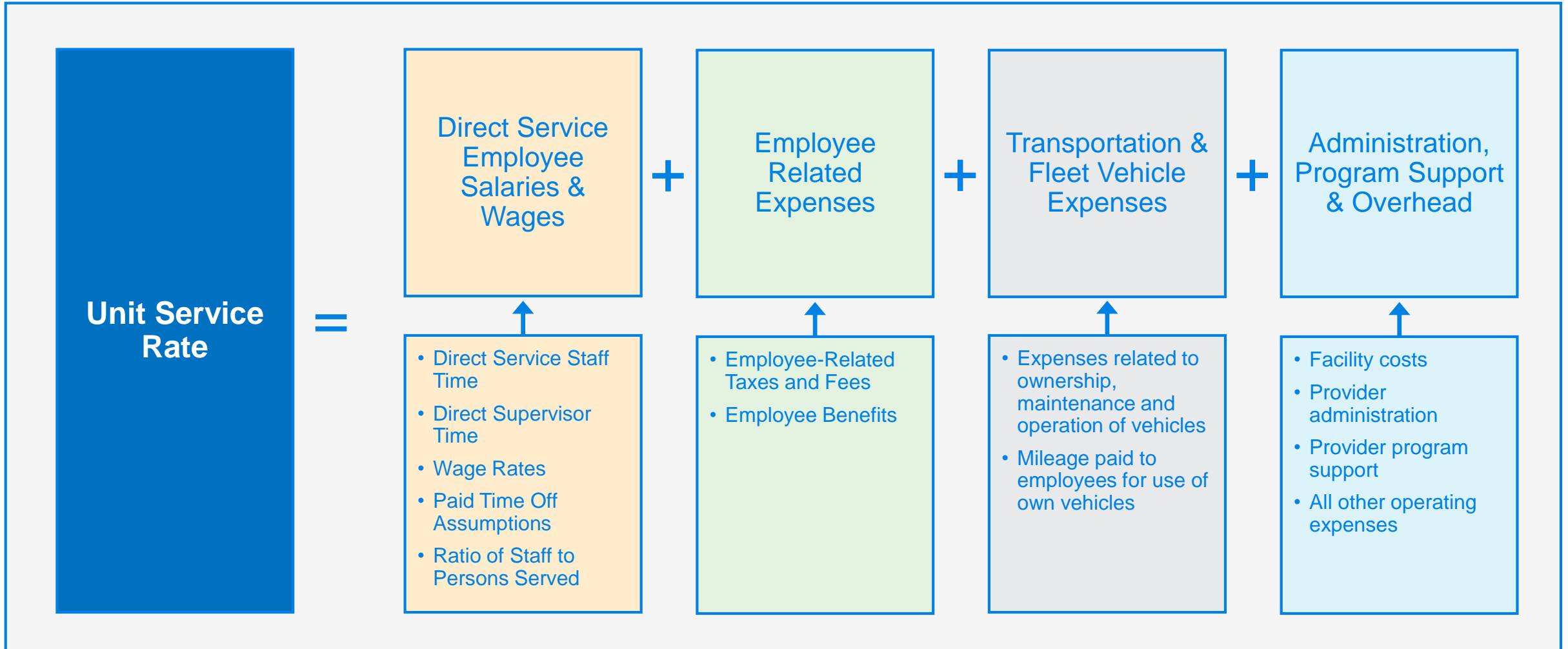
State and stakeholder guidance, reflecting the state and stakeholders' understanding of how the services are provided



State procedure code descriptions and regulations, and program descriptions

Independent Rate Model

Rate Build Up Components



Independent Rate Model

Detailed Framework Components

Component	Elements	Sub-elements	Clarifying Notes
Direct Service Employee Salaries and Wages	Service-related Time	Direct Time	<ul style="list-style-type: none"> Corresponding time unit, or staffing requirement assumptions where not defined Adjusted for staffing ratios for some services (i.e., more than one person served concurrently, e.g., in group counseling sessions or for residential services).
		Indirect Time	<ul style="list-style-type: none"> Service-necessary planning, note taking and preparation time
		Transportation Time	<ul style="list-style-type: none"> Travel time related to providing service
		PTO/Training/Conference Time	<ul style="list-style-type: none"> Paid vacation, holiday, sick, training and conference time. Also considers additional training time attributable to employee turnover
		Supervisor Time	<ul style="list-style-type: none"> Accounted for using a span of control variable
	Wage Rates	Can Vary for Overtime and Weekend Shift Differentials	<ul style="list-style-type: none"> Wage rates based on BLS data and vary by position. BLS wages are blended for certain services.
	Stipends	Payments for on-call capacity	<ul style="list-style-type: none"> Used for selected services
Employee Related Expenses	Payroll-related Taxes and Fees	FICA, FUTA, SUI, Workers Compensation	<ul style="list-style-type: none"> Applicable to all employees, and varies by wage level assumption
	Employee Benefits	Health, Dental, Vision, Life and Disability Insurance, and Retirement Benefits	<ul style="list-style-type: none"> Varies depending on position
Transportation – Fleet Vehicle Expense	Vehicle Operating Expenses	Includes all Ownership and Maintenance-Related Expenses	<ul style="list-style-type: none"> Varies by service. Some assume employee-owned vehicle at federal rate. Other services assume fleet vehicle expenses or vans
Administration, Program Support, Overhead	All other business-related costs	Includes program operating expenses, including management, accounting, legal, IT, etc.	<ul style="list-style-type: none"> Excludes expenses related to managed care administration

Provider Grouping Assumption Development

Qualified Behavioral Health Practitioners for OhioRISE Services

- Principles
 - » Allowable practitioners set for each service
 - » Same wage assumptions for practitioners used across all services
 - » Reimbursement may vary by category of practitioner
- Categories of practitioners – largely aligned with current BH practitioner framework:
 - » Peer recovery specialist (separated from paraprofessionals for OhioRISE rate setting purposes)
 - » Paraprofessionals
 - Care management specialists
 - Qualified mental health specialists
 - » Other licensed practitioners
 - Independently licensed (Psychologist, psych board school psych, LPCC, LISW, LIMFT, LICDC)
 - Dependently licensed (ODE school psych, LPC, LSW, LMFT, LCDC III, LCDC II)
 - Trainees and assistants (Psych-A/I/T, school psych-A/I/T, C-T, SW-A/T, MFT-T, CDC-A)
 - » Medical practitioners
 - MD/DO
 - Advanced practice: APRN, PA, pharmacist

Provider Groupings

Job Title Distribution and Wages by Grouping – 50th Percentile

Category	Bureau of Labor Statistics		
	Most Applicable Job Title	50th Percentile	Weight
Peer	Home Health and Personal Care Aides	\$ 14.25	100.0%
Subtotal Peer		\$ 14.25	100.0%
Paraprofessional	Community Health Workers	\$ 19.70	30.0%
Paraprofessional	Healthcare Support Workers, All Other	\$ 22.06	55.0%
Paraprofessional	Educational, Guidance, and Career Counselors and Advisors	\$ 27.56	15.0%
Subtotal Paraprofessional		\$ 22.18	100.0%
Licensed Professional	Healthcare Social Workers	\$ 29.26	80.0%
Licensed Professional	Marriage and Family Therapists	\$ 24.19	5.0%
Licensed Professional	Mental Health and Substance Abuse Social Workers	\$ 22.64	10.0%
Licensed Professional	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	\$ 24.00	5.0%
Subtotal Licensed Professional		\$ 28.08	100.0%
Independent Licensed Professional	Healthcare Social Workers	\$ 29.26	70.0%
Independent Licensed Professional	Marriage and Family Therapists	\$ 24.19	5.0%
Independent Licensed Professional	Mental Health and Substance Abuse Social Workers	\$ 22.64	10.0%
Independent Licensed Professional	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	\$ 24.00	5.0%
Independent Licensed Professional	Clinical, Counseling, and School Psychologists	\$ 37.95	5.0%
Independent Licensed Professional	Psychologists, All Other	\$ 53.34	5.0%
Subtotal Independent Licensed Professional		\$ 29.72	100.0%
Advanced Practice Professionals	Nurse Practitioners	\$ 53.77	90.0%
Advanced Practice Professionals	Physician Assistants	\$ 55.70	10.0%
Subtotal Advanced Practice Professionals		\$ 53.96	100.0%
MD/DO	Family Medicine Physicians	\$ 90.54	5.0%
MD/DO	General Internal Medicine Physicians	\$ 98.64	5.0%
MD/DO	Psychiatrists	\$ 104.28	90.0%
Subtotal MD/DO		\$ 103.31	100.0%

Notes:

- 1) Wage based on May 2020 Bureau of Labor Statistics data with consideration for CPI trend to 2022.
- 2) Paraprofessionals include Qualified Mental Health Specialist and Case Management Specialist.

- There is not a corresponding BLS job title for each type of provider delivering behavioral health services in Ohio
- BLS job titles were selected to reflect the types of providers delivering behavioral health services within each provider group
- Weights were for each job title based on a review of existing Medicaid behavioral health data by provider type and discussions with ODM
 - Paraprofessional weights were assigned based on the distribution of paraprofessional service units for less than bachelor's degree, bachelor's degree, and master's degree

Employee Related Expenses

ERE for Provider Groupings – 50th Percentile

	A	B	C	D	E	F	G	H	I	J	K
Provider Group	Wage	Annual Employee Salary	FICA	FUTA	SUI	Workers Comp	Insurance	Retirement	ERE per Employee	ERE Percentage	Annual Salary and ERE
Peer	\$ 14.25	\$ 29,636	\$ 2,267	\$ 420	\$ 276	\$ 326	\$ 7,194	\$ 889	\$ 11,372	38.4%	\$ 41,008
Paraprofessional	\$ 22.18	\$ 46,125	\$ 3,529	\$ 420	\$ 276	\$ 507	\$ 7,194	\$ 1,384	\$ 13,310	28.9%	\$ 59,435
Licensed Professional	\$ 28.08	\$ 58,408	\$ 4,468	\$ 420	\$ 276	\$ 642	\$ 7,194	\$ 1,752	\$ 14,753	25.3%	\$ 73,161
Independent Licensed Professional	\$ 29.72	\$ 61,817	\$ 4,729	\$ 420	\$ 276	\$ 680	\$ 7,194	\$ 1,854	\$ 15,153	24.5%	\$ 76,970
Advanced Practice Professionals	\$ 53.96	\$ 112,236	\$ 8,586	\$ 420	\$ 276	\$ 1,235	\$ 7,194	\$ 3,367	\$ 21,078	18.8%	\$ 133,313
MD/DO	\$ 103.31	\$ 214,879	\$ 10,790	\$ 420	\$ 276	\$ 2,364	\$ 7,194	\$ 6,446	\$ 27,490	12.8%	\$ 242,369
Notes	Hourly Wage Rate	$B = A * 2080$	$C = A * 2080 * 7.65\%$ up to \$140,543 taxable limit						$I = \text{SUM} (C \text{ through } H)$	$J = I / B$	$K = B * (1 + J)$

Notes:

1. Wages reflect the sum product of the BLS wages and weights illustrated on the prior slide by provider group.
2. FICA taxes include social security taxes and Medicare taxes. FUTA tax is the federal unemployment tax. <https://www.irs.gov/taxtopics>.
3. Worker's compensation is estimated to be approximately 1.1% of total wages. <https://www.bls.gov/web/ecec/ececqrtn.pdf> page 414.
4. Insurance estimated using hourly rate for private industry health care and social assistance industry group, and is inclusive of health, life, vision, dental, and disability insurance benefits. <https://www.bls.gov/news.release/pdf/ecec.pdf>.
5. Retirement Benefits assume a 3% employer match to a retirement account.

Paid Time Off and Training Time

PTO for Provider Groupings – Baseline

	A	B	C	D	E	F	G	H	I	J	K
Provider Group	Annual productive time	Paid Holidays and PTO per year	On-going training/conference time hours per year	Total	Training hours/inefficient time for each new hire	Turnover percentage	New hire training hours per year	Hours of replacement for non-productive time	Annual hours paid on	PTO/training/conference time adjustment factor	Replacement worker PTO hours
Peer	1,800	184	40	224	160	35%	56	280	2,080	15.6%	43.56
Paraprofessional	1,828	184	40	224	80	35%	28	252	2,080	13.8%	34.74
Licensed Professional	1,844	184	40	224	40	30%	12	236	2,080	12.8%	30.20
Independent Licensed Professional	1,844	184	40	224	40	30%	12	236	2,080	12.8%	30.20
Advanced Practice Professionals	1,848	184	40	224	40	20%	8	232	2,080	12.6%	29.13
MD/DO	1,812	224	40	264	40	10%	4	268	2,080	14.8%	39.64
Notes	$A = I - H$			$D = B + C$			$G = E * F$	$H = D + G$		$J = I / (I - H) - 1$	$K = H * J$

Notes:

1. Paid holidays and PTO reflect 3 weeks PTO and 8 paid holidays per year for all provider groups, except for MD/DO which receives 4 weeks PTO per year.
2. Baseline on-going training and conference time assumes one week per year for all provider groups. ICC/MCC services include two weeks of training per year based on additional state required wrap-around training. IHBT services include three weeks of training per year based on additional training requirements to deliver the services according to model fidelity.
3. Training hours and inefficient time for each new hire reflect best estimates.
4. Turnover percentages for peer and paraprofessional provider groupings are based on BLS turnover rates for health care and social assistance workers. Turnover assumptions were assumed to be lower for licensed professionals as wages increased.

IHBT Rate Development

Refresher: Intensive Home-Based Treatment (IHBT) Draft Rules

MHAS Rule 5122-29-28

- Eligibility for IHBT informed by CANS
- Average caseload per FTE
 - Team of two: 12 or less
 - Individual: 6 or less
- Specialized staff training requirements*
- Annual fidelity review*
- Team compositions
 - MST/FFT EBPs
 - Two Licensed
 - Hybrid (one licensed/one unlicensed)

ODM Rule 5160-59-03.3

- Only available through OhioRISE
- Allows for the provision of telehealth services
- Allows for payment for TBS group (day treatment) in addition to IHBT, when clinically appropriate
- CANS assessment billed separately from IHBT

*Training and technical assistance will be available through the Child and Adolescent Behavioral Health Center of Excellence (CABH-COE).

IHBT Service Activity and Transportation Assumptions

Assumptions Developed Based on Workgroup/ODM Discussions

		Base	MST	FFT
IHBT Time Per Person Per Month Calculation				
A	Annual productive hours	1,764	1,764	1,764
B	Caseload	6	6	9
$C = A / 12 / B$	Total hours per month per caseload	24.5	24.5	16.3
D	Direct hours per week	3.1	2.8	2.1
E	Average minutes of direct time per unit	15	15	15
F	Total time per service unit	28	31	28
G	Travel time per unit (nearest minute)	4	4	2
$H = F - E - G$	Average minutes of indirect time per unit	9	12	11
Transportation Calculation				
A	Minutes per one-way trip	15	15	15
B	Portion of visits in home/community	80%	80%	30%
$C = A * B$	One-way travel time per visit	12	12	4.5
D	Number of one-way trips per visit*	1.25	1.25	1.25
$E = C * D$	Travel time per visit (nearest minute)	15	15	6
F	Units per trip	4	4	4
$G = E / F$	Travel time per unit (nearest minute)	4	4	2
H	Units per 8-hour day	17.1	15.5	17.1
$I = G * H$	Transportation minutes per day per person	68.6	61.9	34.3
Workers per Supervisor		8	8	8

Seeking feedback on the following for each service:

- **Caseload**
- **Portion of visits in home/community**

*Start with 1 assumed trip per day. If visit <2 hours, then add .25 trips, if 2-4 hours, then add .5 trips, if 4+ hours, then add 1 trip.

Note: The service activity and transportation assumptions are best estimate averages expected to occur over a period of time and do not reflect assumptions for any one individual service.

IHBT Independent Rate Model

Example: Base Licensed Professional – per 15-minute unit

Ref.	Description	Practitioner	Supervisor	Total	Notes
		Licensed Professional	Licensed Professional		
A	Average minutes of direct time per unit	15.00			4 hours and 17 minutes of direct time per 8 hours
B	Average minutes of indirect time per unit	9.00			2 hours and 34 indirect minutes per 8 hours
C	Average minutes of transportation time per unit	4.00			1 hours and 9 transportation minutes per 8 hours 1.25 trips per assessment
D	Total minutes per unit	28.00			D = A + B + C
E	Staffing Ratio	1.00			
F	Supervisor span of control		8.00		8 employees assumed to be managed by 1 supervisor
G	Supervisor time per unit		3.50		G = D / E / F
H	PTO/training/conference time adjustment factor	17.9%	17.9%		Based on separate PTO build
I	Adjusted Total minutes per unit	33.02	4.13		I = D / E * (1 + H) I = G * (1 + H)
J	Hourly wage	\$ 28.08	\$ 32.58		Based on separate wage build
K	Total wages expense per unit	\$ 15.45	\$ 2.24	\$ 17.69	K = J * I / 60
L	Employee related expense (ERE) percentage	25.3%	23.4%		Based on separate ERE build
M	Total ERE expense per unit	\$ 3.90	\$ 0.52	\$ 4.43	M = K * L
N	Estimated average MPH			25.00	Urban 25 MPH
O	Estimated miles driven per unit			1.67	O = C * N / 60
P	Federal reimbursement rate			\$0.58	
Q	Transportation fleet costs per unit			\$0.97	Q = O * P
R	On-Call Expenses			\$ 1.56	
S	Drug Cost			\$ 0.00	No drug expenses
T	Drug Administration			\$ 0.00	No drug administration expenses
U	Administration / program support / overhead			20.0%	Portion of total rate
V	Administration Expenses			\$ 6.16	V = (K + M + Q + R + S + T) / (1 - U)
W	Rate per 15 Minutes			\$30.81	W = (K + M + Q + R + S + T + V)

Ref.	Summary of Rate Model Components			Total	Notes
X	Direct Service Employee Salaries & Wages			\$ 9.48	
Y	Indirect Service Employee Salaries & Wages			\$ 5.69	
Z	Transportation Service Employee Salaries & Wages			\$ 2.53	
AA	Employee Related Expenses			\$ 4.43	
AB	Transportation & Fleet Vehicle Expenses			\$ 0.97	
AC	Administration, Program Support & Overhead			\$ 7.73	
AD	Total Rate			\$30.81	

Note: Supervisor wages were assumed to be the 75th percentile of BLS if the primary clinician was of equal credentials.

IHBT Independent Rate Model

Example: MST Licensed Professional – per 15-minute unit

Ref.	Description	Practitioner	Supervisor	Total	Notes
		Licensed Professional	Licensed Professional		
A	Average minutes of direct time per unit	15.00			3 hours and 52 minutes of direct time per 8 hours
B	Average minutes of indirect time per unit	12.00			3 hours and 6 indirect minutes per 8 hours
C	Average minutes of transportation time per unit	4.00			1 hours and 2 transportation minutes per 8 hours 1.25 trips per assessment
D	Total minutes per unit	31.00			D = A + B + C
E	Staffing Ratio	1.00			
F	Supervisor span of control		8.00		8 employees assumed to be managed by 1 supervisor
G	Supervisor time per unit		3.88		G = D / E / F
H	PTO/training/conference time adjustment factor	17.9%	17.9%		Based on separate PTO build
I	Adjusted Total minutes per unit	36.55	4.57		I = D / E * (1 + H) I = G * (1 + H)
J	Hourly wage	\$ 28.08	\$ 32.58		Based on separate wage build
K	Total wages expense per unit	\$ 17.11	\$ 2.48	\$ 19.59	K = J * I / 60
L	Employee related expense (ERE) percentage	25.3%	23.4%		Based on separate ERE build
M	Total ERE expense per unit	\$ 4.32	\$ 0.58	\$ 4.90	M = K * L
N	Estimated average MPH			25.00	Urban 25 MPH
O	Estimated miles driven per unit			1.67	O = C * N / 60
P	Federal reimbursement rate			\$0.58	
Q	Transportation fleet costs per unit			\$0.97	Q = O * P
R	On-Call Expenses			\$ 1.70	
S	Drug Cost			\$ 0.00	No drug expenses
T	Drug Administration			\$ 0.00	No drug administration expenses
U	Administration / program support / overhead			20.0%	Portion of total rate
V	Administration Expenses			\$ 6.79	V = (K + M + Q + R + S + T) / (1 - U)
W	Rate per 15 Minutes			\$33.95	W = (K + M + Q + R + S + T + V)

Ref.	Summary of Rate Model Components			Total	Notes
X	Direct Service Employee Salaries & Wages			\$ 9.48	
Y	Indirect Service Employee Salaries & Wages			\$ 7.58	
Z	Transportation Service Employee Salaries & Wages			\$ 2.53	
AA	Employee Related Expenses			\$ 4.90	
AB	Transportation & Fleet Vehicle Expenses			\$ 0.97	
AC	Administration, Program Support & Overhead			\$ 8.49	
AD	Total Rate			\$33.95	

Note: Supervisor wages were assumed to be the 75th percentile of BLS if the primary clinician was of equal credentials.

IHBT Independent Rate Model

Example: FFT Licensed Professional – per 15-minute unit

Ref.	Description	Practitioner	Supervisor	Total	Notes
		Licensed Professional	Licensed Professional		
A	Average minutes of direct time per unit	15.00			4 hours and 17 minutes of direct time per 8 hours
B	Average minutes of indirect time per unit	11.00			3 hours and 9 indirect minutes per 8 hours
C	Average minutes of transportation time per unit	2.00			34 transportation minutes per 8 hours 1.25 trips per assessment
D	Total minutes per unit	28.00			D = A + B + C
E	Staffing Ratio	1.00			
F	Supervisor span of control		8.00		8 employees assumed to be managed by 1 supervisor
G	Supervisor time per unit		3.50		G = D / E / F
H	PTO/training/conference time adjustment factor	17.9%	17.9%		Based on separate PTO build
I	Adjusted Total minutes per unit	33.02	4.13		I = D / E * (1 + H) I = G * (1 + H)
J	Hourly wage	\$ 28.08	\$ 32.58		Based on separate wage build
K	Total wages expense per unit	\$ 15.45	\$ 2.24	\$ 17.69	K = J * I / 60
L	Employee related expense (ERE) percentage	25.3%	23.4%		Based on separate ERE build
M	Total ERE expense per unit	\$ 3.90	\$ 0.52	\$ 4.43	M = K * L
N	Estimated average MPH			25.00	Urban 25 MPH
O	Estimated miles driven per unit			0.83	O = C * N / 60
P	Federal reimbursement rate			\$0.58	
Q	Transportation fleet costs per unit			\$0.48	Q = O * P
R	On-Call Expenses			\$ 1.54	
S	Drug Cost			\$ 0.00	No drug expenses
T	Drug Administration			\$ 0.00	No drug administration expenses
U	Administration / program support / overhead			20.0%	Portion of total rate
V	Administration Expenses			\$ 6.04	V = (K + M + Q + R + S + T) / (1 - U)
W	Rate per 15 Minutes			\$30.19	W = (K + M + Q + R + S + T + V)

Ref.	Summary of Rate Model Components		Total	Notes
X	Direct Service Employee Salaries & Wages		\$ 9.48	
Y	Indirect Service Employee Salaries & Wages		\$ 6.95	
Z	Transportation Service Employee Salaries & Wages		\$ 1.26	
AA	Employee Related Expenses		\$ 4.43	
AB	Transportation & Fleet Vehicle Expenses		\$ 0.48	
AC	Administration, Program Support & Overhead		\$ 7.58	
AD	Total Rate		\$30.19	

Note: Supervisor wages were assumed to be the 75th percentile of BLS if the primary clinician was of equal credentials.

IHBT Rate Summary

Component Specific Rates

IHBT - Practitioner at 50th Percentile

Ref.	Description	Base - Peer	Base - Paraprofessional	Base - Licensed Professional	Base - Independent Licensed Professional	MST - Licensed Professional	MST Independent Licensed Professional	FFT - Licensed Professional	FFT - Independent Licensed Professional
A	Direct Service Employee Salaries & Wages	\$ 5.51	\$ 7.80	\$ 9.48	\$ 9.96	\$ 9.48	\$ 9.96	\$ 9.48	\$ 9.96
B	Indirect Service Employee Salaries & Wages	\$ 2.94	\$ 4.68	\$ 5.69	\$ 5.98	\$ 7.58	\$ 7.97	\$ 6.95	\$ 7.31
C	Transportation Service Employee Salaries & Wages	\$ 1.47	\$ 2.08	\$ 2.53	\$ 2.66	\$ 2.53	\$ 2.66	\$ 1.26	\$ 1.33
D	Employee Related Expenses	\$ 3.48	\$ 4.08	\$ 4.43	\$ 4.53	\$ 4.90	\$ 5.02	\$ 4.43	\$ 4.53
E	Transportation & Fleet Vehicle Expenses	\$ 0.97	\$ 0.97	\$ 0.97	\$ 0.97	\$ 0.97	\$ 0.97	\$ 0.48	\$ 0.48
F	Administration, Program Support & Overhead	\$ 5.54	\$ 6.85	\$ 7.73	\$ 7.98	\$ 8.49	\$ 8.77	\$ 7.58	\$ 7.83
G	Total Rate	\$ 19.91	\$ 26.45	\$ 30.81	\$ 32.07	\$ 33.95	\$ 35.34	\$ 30.19	\$ 31.44

IHBT - Practitioner at 75th Percentile

Ref.	Description	Base - Peer	Base - Paraprofessional	Base - Licensed Professional	Base - Independent Licensed Professional	MST - Licensed Professional	MST Independent Licensed Professional	FFT - Licensed Professional	FFT - Independent Licensed Professional
A	Direct Service Employee Salaries & Wages	\$ 6.49	\$ 9.46	\$ 10.81	\$ 11.41	\$ 10.81	\$ 11.41	\$ 10.81	\$ 11.41
B	Indirect Service Employee Salaries & Wages	\$ 3.46	\$ 5.68	\$ 6.48	\$ 6.85	\$ 8.64	\$ 9.13	\$ 7.92	\$ 8.37
C	Transportation Service Employee Salaries & Wages	\$ 1.73	\$ 2.52	\$ 2.88	\$ 3.04	\$ 2.88	\$ 3.04	\$ 1.44	\$ 1.52
D	Employee Related Expenses	\$ 3.69	\$ 4.44	\$ 4.72	\$ 4.85	\$ 5.22	\$ 5.37	\$ 4.72	\$ 4.85
E	Transportation & Fleet Vehicle Expenses	\$ 0.97	\$ 0.97	\$ 0.97	\$ 0.97	\$ 0.97	\$ 0.97	\$ 0.48	\$ 0.48
F	Administration, Program Support & Overhead	\$ 6.04	\$ 7.72	\$ 8.42	\$ 8.73	\$ 9.26	\$ 9.61	\$ 8.27	\$ 8.59
G	Total Rate	\$ 22.37	\$ 30.80	\$ 34.27	\$ 35.85	\$ 37.78	\$ 39.52	\$ 33.65	\$ 35.22

Note: A rate for both the 50th and 75th percentile is being provided for IHBT services to illustrate a range of preliminary results for these services.

Crisis MR/SS Rate Development

Refresher: Mobile Response and Stabilization Service (MRSS) Draft Rules

MHAS Rule 5122-29-14

- Mobile response within 60 minutes/De-escalation period up to 72 hours
- Stabilization period for up to 6 weeks
- Team composition
 - One licensed clinician
 - One peer recovery supporter or qualified behavioral health specialist
 - Access to psychiatrist, CNP, or CNS for consultation
- OhioMHAS “Practice Standards for Mobile Response and Stabilization Service”*
- 24/7 availability
- Mobile response must include licensed team member

ODM Rule 5160-27-13

- Available for all children in Medicaid (MCO, OhioRISE, and FFS)
- Two components covered:
 - Mobile response
 - Stabilization service
- Prior authorization not required (except for stabilization services rendered more than six weeks after completion of mobile response)

*Training and technical assistance will be available through the Child and Adolescent Behavioral Health Center of Excellence (CABH-COE).

Crisis MR Service and Transportation Assumptions

Assumptions Developed Based on Discussions with ODM

		Mobile Response	Mobile Follow-Up	Crisis Stabilization
Crisis MR Time Per Unit Calculation				
A	Average minutes of direct time per unit	180	60	15
B	Total time per service unit	300	100	28
C	Total travel time per visit	30	30	8
$D = B - A - C$	Average minutes of indirect time per unit	90	10	5
Transportation Calculation				
A	Minutes per one-way trip	15	15	15
B	Number of one-way trips per visit*	2	2	2
$C = A * B$	Total travel time per visit (nearest minute)	30	30	30
D	Visits per unit	1	1	0.25
$E = C * D$	Transportation minutes per unit (nearest minute)	30	30	8
Workers per Supervisor		10	10	10

Note: The service activity and transportation assumptions are best estimate averages expected to occur over a period of time and do not reflect assumptions for any one individual service.

Crisis Mobile Response Independent Rate Model

Example: Licensed Professional – per day

Ref.	Description	Practitioner	Supervisor	Consultation	Consultation	Total	Notes
		Licensed Professional	Licensed Professional	Advanced Practice Professionals	MD/DO		
A	Average minutes of direct time per unit	180.00		3.96	3.96		4 hours and 48 minutes of direct time per 8 hours
B	Average minutes of indirect time per unit	90.00		2.64	2.64		2 hours and 24 indirect minutes per 8 hours
C	Average minutes of transportation time per unit	30.00		-	-		48 transportation minutes per 8 hours 2 trips spread over 1 units per day
D	Total minutes per unit	300.00		6.60	6.60		D = A + B + C
E	Staffing Ratio	1.00		1.00	1.00		
F	Supervisor span of control		10.00				10 employees assumed to be managed by 1 supervisor
G	Supervisor time per unit		30.00				G = D / E / F
H	PTO/training/conference time adjustment factor	12.8%	12.8%	12.6%	14.8%		Based on separate PTO build
I	Adjusted Total minutes per unit	338.39	33.84	7.43	7.58		
J	Hourly wage	\$ 28.08	\$ 32.58	\$ 53.96	\$ 103.31		Based on separate wage build
K	Total wages expense per unit	\$ 158.37	\$ 18.38	\$ 6.68	\$ 13.04	\$ 196.48	K = J * I / 60
L	Employee related expense (ERE) percentage	25.3%	23.4%	18.8%	12.8%		Based on separate ERE build
M	Total ERE expense per unit	\$ 40.00	\$ 4.30	\$ 1.25	\$ 1.67	\$ 47.22	M = K * L
N	Estimated average MPH					25.00	Urban 25 MPH
O	Estimated miles driven per unit					12.50	O = C * N / 60
P	Federal reimbursement rate					\$0.58	
Q	Transportation fleet costs per unit					\$7.25	Q = O * P
R	On-Call Expenses					\$ 0.00	No on-call expenses
S	Administration / program support / overhead					20.0%	Portion of total rate
T	Rate per Day					\$313.69	S = (K + M + Q) / (1 - R)

Ref.	Summary of Rate Model Components				Total	Notes
U	Direct Service Employee Salaries & Wages				\$ 117.89	
V	Indirect Service Employee Salaries & Wages				\$ 58.94	
W	Transportation Service Employee Salaries & Wages				\$ 19.65	
X	Employee Related Expenses				\$ 47.22	
Y	Transportation & Fleet Vehicle Expenses				\$ 7.25	
Z	Administration, Program Support & Overhead				\$ 62.74	
AA	Total Rate				\$313.69	

Note: Supervisor wages were assumed to be the 75th percentile of BLS if the primary clinician was of equal credentials.

Crisis Mobile Follow-Up Independent Rate Model

Example: Licensed Professional – per day

Ref.	Description	Practitioner	Supervisor	Consultation	Consultation	Total	Notes
		Licensed Professional	Licensed Professional	Advanced Practice Professionals	MD/DO		
A	Average minutes of direct time per unit	60.00		1.32	1.32		4 hours and 48 minutes of direct time per 8 hours
B	Average minutes of indirect time per unit	10.00		0.88	0.88		48 indirect minutes per 8 hours
C	Average minutes of transportation time per unit	30.00		-	-		2 hours and 24 transportation minutes per 8 hours 2 trips spread over 1 units per day
D	Total minutes per unit	100.00		2.20	2.20		D = A + B + C
E	Staffing Ratio	1.00		1.00	1.00		
F	Supervisor span of control		10.00				10 employees assumed to be managed by 1 supervisor
G	Supervisor time per unit		10.00				G = D / E / F
H	PTO/training/conference time adjustment factor	12.8%	12.8%	12.6%	14.8%		Based on separate PTO build
I	Adjusted Total minutes per unit	112.80	11.28	2.48	2.53		
J	Hourly wage	\$ 28.08	\$ 32.58	\$ 53.96	\$ 103.31		Based on separate wage build
K	Total wages expense per unit	\$ 52.79	\$ 6.13	\$ 2.23	\$ 4.35	\$ 65.49	K = J * I / 60
L	Employee related expense (ERE) percentage	25.3%	23.4%	18.8%	12.8%		Based on separate ERE build
M	Total ERE expense per unit	\$ 13.33	\$ 1.43	\$ 0.42	\$ 0.56	\$ 15.74	M = K * L
N	Estimated average MPH					25.00	Urban 25 MPH
O	Estimated miles driven per unit					12.50	O = C * N / 60
P	Federal reimbursement rate					\$0.58	
Q	Transportation fleet costs per unit					\$7.25	Q = O * P
R	On-Call Expenses					\$ 0.00	No on-call expenses
S	Administration / program support / overhead					20.0%	Portion of total rate
T	Rate per Day					\$110.60	S = (K + M + Q) / (1 - R)

Ref.	Summary of Rate Model Components				Total	Notes
U	Direct Service Employee Salaries & Wages				\$ 39.30	
V	Indirect Service Employee Salaries & Wages				\$ 6.55	
W	Transportation Service Employee Salaries & Wages				\$ 19.65	
X	Employee Related Expenses				\$ 15.74	
Y	Transportation & Fleet Vehicle Expenses				\$ 7.25	
Z	Administration, Program Support & Overhead				\$ 22.12	
AA	Total Rate				\$110.60	

Note: Supervisor wages were assumed to be the 75th percentile of BLS if the primary clinician was of equal credentials.

Stabilization Services Independent Rate Model

Example: Licensed Professional – per 15-minute unit

Ref.	Description	Practitioner	Supervisor	Consultation	Consultation	Total	Notes
		Licensed Professional	Licensed Professional	Advanced Practice Professionals	MD/DO		
A	Average minutes of direct time per unit	15.00		0.01	0.01		4 hours and 17 minutes of direct time per 8 hours
B	Average minutes of indirect time per unit	5.00		0.01	0.01		1 hours and 26 indirect minutes per 8 hours
C	Average minutes of transportation time per unit	8.00		-	-		2 hours and 17 transportation minutes per 8 hours 2 trips spread over 4 units per day
D	Total minutes per unit	28.00		0.02	0.02		D = A + B + C
E	Staffing Ratio	1.00		1.00	1.00		
F	Supervisor span of control		10.00				10 employees assumed to be managed by 1 supervisor
G	Supervisor time per unit		2.80				G = D / E / F
H	PTO/training/conference time adjustment factor	12.8%	12.8%	12.6%	14.8%		Based on separate PTO build
I	Adjusted Total minutes per unit	31.58	3.16	0.02	0.02		
J	Hourly wage	\$ 28.08	\$ 32.58	\$ 53.96	\$ 103.31		Based on separate wage build
K	Total wages expense per unit	\$ 14.78	\$ 1.72	\$ 0.02	\$ 0.04	\$ 16.55	K = J * I / 60
L	Employee related expense (ERE) percentage	25.3%	23.4%	18.8%	12.8%		Based on separate ERE build
M	Total ERE expense per unit	\$ 3.73	\$ 0.40	\$ 0.00	\$ 0.00	\$ 4.14	M = K * L
N	Estimated average MPH					25.00	Urban 25 MPH
O	Estimated miles driven per unit					3.33	O = C * N / 60
P	Federal reimbursement rate					\$0.58	
Q	Transportation fleet costs per unit					\$1.93	Q = O * P
R	On-Call Expenses					\$ 0.00	No on-call expenses
S	Administration / program support / overhead					20.0%	Portion of total rate
T	Rate per 15 Minutes					\$28.28	S = (K + M + Q) / (1 - R)

Ref.	Summary of Rate Model Components					Total	Notes
U	Direct Service Employee Salaries & Wages					\$ 8.87	
V	Indirect Service Employee Salaries & Wages					\$ 2.96	
W	Transportation Service Employee Salaries & Wages					\$ 4.73	
X	Employee Related Expenses					\$ 4.14	
Y	Transportation & Fleet Vehicle Expenses					\$ 1.93	
Z	Administration, Program Support & Overhead					\$ 5.66	
AA	Total Rate					\$28.28	

Note: Supervisor wages and ERE were assumed to be the 75th percentile of BLS if the primary clinician was of equal credentials.

Crisis MR/SS Rate Summary

Component Specific Rates

Crisis Mobile Response

Ref.	Description	Peer	Paraprofessional	Licensed Professional	Independent Licensed Professional
A	Direct Service Employee Salaries & Wages	\$ 72.25	\$ 98.56	\$ 117.89	\$ 123.43
B	Indirect Service Employee Salaries & Wages	\$ 36.13	\$ 49.28	\$ 58.94	\$ 61.72
C	Transportation Service Employee Salaries & Wages	\$ 12.04	\$ 16.43	\$ 19.65	\$ 20.57
D	Employee Related Expenses	\$ 38.81	\$ 43.63	\$ 47.22	\$ 48.31
E	Transportation & Fleet Vehicle Expenses	\$ 7.25	\$ 7.25	\$ 7.25	\$ 7.25
F	Administration, Program Support & Overhead	\$ 41.62	\$ 53.79	\$ 62.74	\$ 65.32
G	Total Rate	\$ 208.10	\$ 268.93	\$ 313.69	\$ 326.60

Crisis Mobile Follow-Up

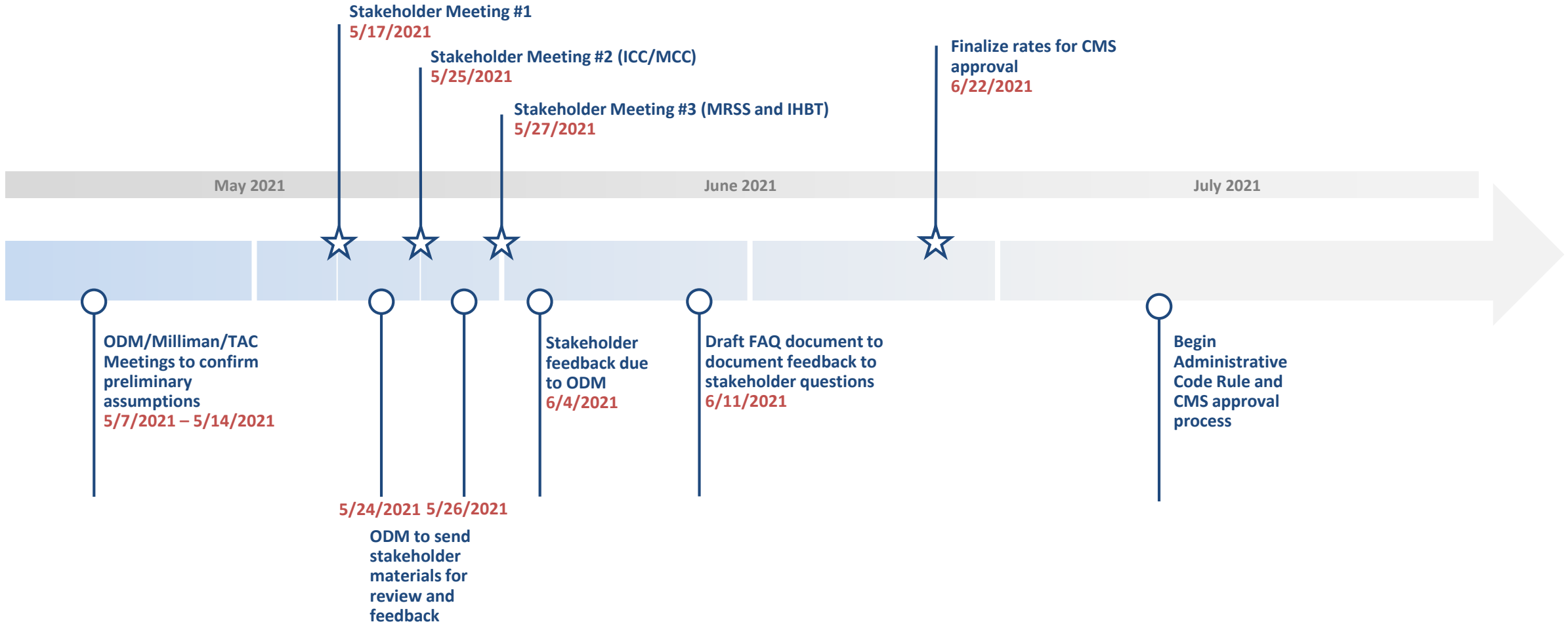
Ref.	Description	Peer	Paraprofessional	Licensed Professional	Independent Licensed Professional
A	Direct Service Employee Salaries & Wages	\$ 24.08	\$ 32.85	\$ 39.30	\$ 41.14
B	Indirect Service Employee Salaries & Wages	\$ 4.01	\$ 5.48	\$ 6.55	\$ 6.86
C	Transportation Service Employee Salaries & Wages	\$ 12.04	\$ 16.43	\$ 19.65	\$ 20.57
D	Employee Related Expenses	\$ 12.94	\$ 14.54	\$ 15.74	\$ 16.10
E	Transportation & Fleet Vehicle Expenses	\$ 7.25	\$ 7.25	\$ 7.25	\$ 7.25
F	Administration, Program Support & Overhead	\$ 15.08	\$ 19.14	\$ 22.12	\$ 22.98
G	Total Rate	\$ 75.41	\$ 95.68	\$ 110.60	\$ 114.91

Crisis Stabilization Services

Ref.	Description	Peer	Paraprofessional	Licensed Professional	Independent Licensed Professional
A	Direct Service Employee Salaries & Wages	\$ 5.06	\$ 7.26	\$ 8.87	\$ 9.33
B	Indirect Service Employee Salaries & Wages	\$ 1.69	\$ 2.42	\$ 2.96	\$ 3.11
C	Transportation Service Employee Salaries & Wages	\$ 2.70	\$ 3.87	\$ 4.73	\$ 4.98
D	Employee Related Expenses	\$ 3.36	\$ 3.81	\$ 4.14	\$ 4.24
E	Transportation & Fleet Vehicle Expenses	\$ 1.93	\$ 1.93	\$ 1.93	\$ 1.93
F	Administration, Program Support & Overhead	\$ 3.69	\$ 4.82	\$ 5.66	\$ 5.90
G	Total Rate	\$ 18.43	\$ 24.11	\$ 28.28	\$ 29.49

Next Steps

Project Timeline



Stakeholder Next Steps

- Provide any comments to ODM on the proposed rate setting methodology and stakeholder process.
- Reach out if you are interested in meeting for a smaller group discussion but we ask that you please try to organize yourselves.
- As these are preliminary rates, please provide data and sources to support your suggested recommendations.

Send feedback to OhioRISE@Medicaid.Ohio.gov and OH.IRM.Feedback@milliman.com