### Rate Study for Behavioral Health and Targeted Case Management Services

# Draft Rate Models for Adult and Children Outpatient & School Health-Related Services (Section 65)

- prepared for -

Maine Department of Health and Human Services

- prepared by -

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### **Comparison of Current and Draft Rates**

Service		Unit	Current	Draft Rates	Comments
Section 6:	5				
	Psychologist, One-to-One - Office	15 min.	\$22.48	\$31.75	
	Psychologist, Group - Office	15 min.	\$5.62	\$10.34	Rates apply to both mental health and substance abuse agencies and cover
	LCSW/ LCPC/ LMFT/ APRN, One-to-One - Office	15 min.	\$22.48	\$25.73	comprehensive assessment and therapy as
<u></u>	LCSW/ LCPC/ LMFT/ APRN, Group - Office	15 min.	\$5.62	\$8.41	well as co-occurring cases and deaf and
ıerap	LADC, One-to-One - Office	15 min.	\$22.48	\$21.89	home-based services.
Outpatient Therapy	LADC, Group - Office	15 min.	\$9.63	\$9.57	Rates are for both agency and independent
utien	CADC, One-to-One - Office	15 min.	\$15.52	\$19.75	practitioners
utpa	CADC, Group - Office	15 min.	\$7.49	\$8.65	
0	Psychologist - Community	15 min.	\$22.48	\$38.37	
	LCSW/ LCPC/ LMFT/ APRN - Community	15 min.	\$22.48	\$31.26	
	LADC - Community	15 min.	\$22.48	\$26.73	
	CADC - Community	15 min.	\$15.52	\$24.20	
Medicatio	on Management, Phys Asst/Nurse Prac.	15 min.	¢02.74	\$56.38	
Medicatio	on Management, Physician	15 min.	\$82.64	\$130.40	
MAT - M	etadone	Weekly	\$115.43	\$148.27	
Neuropsy	chological and Psychological Testing, Physician/Psychol	ο <sub>ξ</sub> Hour	\$84.77	\$112.32	
Neuropsyo	chological and Psychological Testing, Psychological Exa	m Hour	\$53.76	\$73.46	
Adaptive .	Assessments	Hour	\$88.87	\$85.41	
Specialize	ed Group Services				
Wellness 1	Recovery Action Planning (WRAP)			\$106.49	
Recovery	Workbook Group	1.5	Φ11 <b>0</b> 1	\$106.49	Propose changing from 15 minute rate to a
Гrauma R	ecovery and Empowerment Group (TREM)	15 min.	\$11.21	\$87.91	session rate
Dialectica	al Behavior Therapy (DBT)			\$118.89	
ž	BHP, One-to-One - School	Hour	\$62.72	\$67.88	
h Da	BHP, Group of 2 - School	Hour	\$31.37	\$37.53	
lealt	BHP, Group of 3 - School	Hour	\$20.90	\$26.49	m
oral E ient	BHP, Group of 4 - School	Hour	\$15.68	\$21.09	
avior atme	Master's, One-to-One - School	Hour	\$101.69	\$94.88	
3ehavio Treatm	Master's, Group of 2 - School	Hour	\$50.84	\$51.40	
n's J	Master's, Group of 3 - School	Hour	\$33.83	\$36.27	
Children's Behavioral Health Day Treatment	Master's, Group of 4 - School	Hour	\$25.43	\$28.86	
	BCBA Support	15 min.	New	\$32.75	
Multisyste	emic Therapy	Week	\$601.05	\$671.23	
-	emic Therapy - Problem Sexualized Behavior	Week	\$776.61	\$853.98	
	l Family Therapy	Week	\$302.26	\$347.68	
	ocused Cognitive Behavioral Therapy	15 min.	\$27.21	\$31.81	

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### Children's Behavioral Health Day Treatment, BHP - School

	-	One-to-One	Group of 2	Group of 3	Group of 4
	Unit of Service	15 Minutes	15 Minutes	15 Minutes	15 Minutes
	- BHP Hourly Wage	\$24.41	\$24.41	\$24.41	\$24.41
	- Benefit Rate (as a percent of wages)	30.0%	30.0%	30.0%	30.0%
	Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$31.73	\$31.73	\$31.73	\$31.73
×o.	Productivity Assumptions				
BHP Wages and Benefits	Total Hours	36.00	36.00	36.00	36.00
3en(	- Missed Appointments	0.66	-	-	-
Id E	- Coordination and Collateral Contacts (non-billable)	0.44	0.88	1.32	1.75
s an	- Participating in Assessments and Planning Meetings	0.44	0.88	1.32	1.75
ခ်င်း	- Program Set-Up/ Clean-Up	1.32	1.32	1.32	1.32
8	- Recordkeeping and Reporting	3.07	3.51	3.95	4.39
$\oplus$	- Employer and One-on-One Supervision Time	1.32	1.32	1.32	1.32
函	- Training	0.96	0.96	0.96	0.96
	- Paid time off	3.46	3.46	3.46	3.46
	"Billable" Hours	24.33	23.67	22.35	21.05
	Productivity Adjustment	1.48	1.52	1.61	1.71
	Staff Cost After Prod. Adj. per Member per Billable Hour	\$46.96	\$48.23	\$51.09	\$54.26
	- Square Feet of Service Space for BHP	35	35	35	35
>	- Annual Cost per Square Foot	\$16.00	\$16.00	\$16.00	\$16.00
Facility	Annual Service Space Cost	\$560.00	\$560.00	\$560.00	\$560.00
Fa	- Annual Hours of Service Space Utilization	1,000	1,000	1,000	1,000
	Service Space Cost per Billable Hour	\$0.56	\$0.56	\$0.56	\$0.56
nd ort	Cost per Billable Hour Before Admin. and Program Support	\$47.52	\$48.79	\$51.65	\$54.82
. ar	- Program Support Rate	15.0%	20.0%	20.0%	20.0%
Admin. and Prog. Support	Program Support Cost per Billable Hour	\$10.18	\$15.01	\$15.89	\$16.87
Adr rog	- Administrative Rate	15.0%	15.0%	15.0%	15.0%
, Pı	Administrative Cost per Billable Hour	\$10.18	\$11.26	\$11.92	\$12.65
	Rate per Member per Hour	\$67.88	\$37.53	\$26.49	\$21.09

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### Children's Behavioral Health Day Treatment, Master's - School

	- Will	One-to-One	Group of 2	Group of 3	Group of 4
	Unit of Service	15 Minutes	15 Minutes	15 Minutes	15 Minutes
its	- Master's-Level Staff Hourly Wage - Benefit Rate (as a percent of wages)	\$31.16 25.8%	\$31.16 25.8%	\$31.16 25.8%	\$31.16 25.8%
nef	Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$39.20	\$39.20	\$39.20	\$39.20
Master's-Level Staff Wages and Benefits	Productivity Assumptions				
an	Total Hours	40.00	40.00	40.00	40.00
ges	- Missed Appointments	1.08	0.00	0.00	0.00
× a	- Coordination and Collateral Contacts (non-billable)	1.29	1.72	2.15	2.58
Œ	- Participating in Assessments and Planning Meetings	1.29	1.72	2.15	2.58
Sta	- Program Set-Up/ Clean-Up	1.29	1.29	1.29	1.29
/el	- Recordkeeping and Reporting	4.30	4.73	5.16	5.59
Le	- Employer and One-on-One Supervision Time	1.29	1.29	1.29	1.29
S	- Training - Paid time off	0.96	0.96	0.96	0.96
ste	- Paid time off "Billable" Hours	4.62	4.62	4.62	4.62
Ma		23.88 1.68	23.67 1.69	22.38	21.09
	Productivity Adjustment	1.08	1.09	1.79	1.90
	Staff Cost After Prod. Adj. per Member per Billable Hour	\$65.86	\$66.25	\$70.17	\$74.48
	- Square Feet of Service Space for Master's-Level Staff	35	35	35	35
₹	- Annual Cost per Square Foot	\$16.00	\$16.00	\$16.00	\$16.00
Facility	Annual Service Space Cost	\$560.00	\$560.00	\$560.00	\$560.00
F	- Annual Hours of Service Space Utilization	1,000	1,000	1,000	1,000
	Service Space Cost per Billable Hour	\$0.56	\$0.56	\$0.56	\$0.56
Admin. and Prog. Support	Cost per Billable Hour Before Admin. and Program Support	\$66.42	\$66.81	\$70.73	\$75.04
ı. aı upp	- Program Support Rate	15.0%	20.0%	20.0%	20.0%
Admin. and rog. Suppor	Program Support Cost per Billable Hour	\$14.23	\$20.56	\$21.76	\$23.09
Adı rog	- Administrative Rate	15.0%	15.0%	15.0%	15.0%
, <u>P</u>	Administrative Cost per Billable Hour	\$14.23	\$15.42	\$16.32	\$17.32
	Rate per Member per Hour	\$94.88	\$51.40	\$36.27	\$28.86

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### Children's Behavioral Health Day Treatment, BCBA

	Unit of Service	15 Minutes
S	- BCBA Hourly Wage - Benefit Rate (as a percent of wages) Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$41.32 22.1% \$50.45
BCBA Wages and Benefits	Productivity Assumptions Total Hours - Coordination and Collateral Contacts (non-billable)	40.00 4.30
Wages	<ul> <li>- Missed Appointments</li> <li>- Recordkeeping and Reporting</li> <li>- Employer and One-on-One Supervision Time</li> </ul>	2.15 4.30 1.29
BCBA	- Training - Paid time off "Billable" Hours	0.96 4.62 22.38
	Productivity Adjustment Staff Cost After Productivity Adj. per Billable Hour	1.79 <b>\$90.31</b>
BCBA Office Space	- Square Feet of Office Space - Annual Cost per Square Foot Annual Cost of Office Space Office Space Cost per Billable Hour	100 \$16.00 \$1,600.00 \$1.37
Admin. and Prog. Support	Cost per Billable Hour Before Admin. and Program Support - Program Support Rate Program Support Cost per Billable Hour - Administrative Rate Administrative Cost per Billable Hour	\$91.68 15.0% \$19.65 15.0% \$19.65
	Total Cost per Billable Hour Rate per 15 Minutes	\$130.98 <b>\$32.75</b>

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### Outpatient Therapy, Agency, Psychologist/Psychiatrist - Office

	200	One-to-One	Groups
	Unit of Service	15 Minutes	15 Minutes
	- Pscychologist Hourly Wage	\$41.32	\$41.32
	- Benefit Rate (as a percent of wages)	22.1%	22.1%
	Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$50.45	\$50.45
	Productivity Assumptions	40.00	40.00
its	Total Hours	40.00	40.00
nef	- Coordination and Collateral Contacts (non-billable)	2.58	3.01
Be	- Participating in Assessments and Planning Meetings - Missed Appointments	0.65 2.15	0.86
pun	- Recordkeeping and Reporting	4.30	4.73
S S	- Employer and One-on-One Supervision Time	1.29	1.29
'age	- Training	0.96	0.96
≱	- Paid Time Off	4.62	4.62
gis	"Billable" Hours	23.45	24.53
olo	Productivity Adjustment	1.71	1.63
Pscyhologist Wages and Benefits	Psychologist Cost After Productivity Adj. per Billable Hour	\$86.27	\$82.23
	Staffing Ratio for Group Services - Scheduled Members per Psychologist		4.0
	- Member Attendance Rate		80%
	- Attendance-Adjusted Number of Members per Psychologist		3.20
	Staff Cost After Prod. Adj. per Member per Billable Hour	\$86.27	\$25.70
Direct Svc. Office Space		200	200
Direct Svc. Office Space	- Square Feet of Office Space - Annual Cost per Square Foot	200 \$16.00	300 \$16.00
rec	Annual Cost of Office Space	\$3,200.00	\$4,800.00
Di Off	Office Space Cost per Member per Billable Hour	\$3,200.00 \$2.62	\$4,800.00 \$1.18
. +:			
Admin. and Prog. Support	Cost per Member per Billable Hour Before Admin. and Support	\$88.89	\$26.88
in. Sup	- Program Support Rate	15.0%	20.0%
dmi	Program Support Cost per Member per Billable Hour - Administrative Rate	\$19.05 15.0%	\$8.27 15.0%
A Prc	Administrative Cost per Member per Billable Hour	\$19.05	\$6.20
	Administrative Cost per Member per Dinable Hour	\$15.03	JU.20
	Total Cost per Member per Billable Hour	\$126.99	\$41.35
	Rate per Member per 15 Minutes	\$31.75	\$10.34

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### Outpatient Therapy, Agency, Psychologist/Psychiatrist - Community

	Unit of Service	15 Minutes
10	- Pscychologist Hourly Wage - Benefit Rate (as a percent of wages) Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$41.32 22.1% \$50.45
Pscyhologist Wages and Benefits	Productivity Assumptions Total Hours - Travel Time (Between Members) - Coordination and Collateral Contacts (non-billable) - Participating in Assessments and Planning Meetings - Missed Appointments - Recordkeeping and Reporting - Employer and One-on-One Supervision Time - Training - Paid Time Off "Billable" Hours Productivity Adjustment	40.00 4.30 2.15 0.43 2.15 4.30 1.29 0.96 4.62 19.80 2.02
	Staff Cost After Productivity Adj. per Billable Hour	\$101.91
Pscyhologis t Mileage	- Number of Miles Traveled per Week - Amount per Mile Weekly Mileage Cost Mileage Cost per Billable Hour	175 \$0.625 \$109.38 \$5.52
Admin. and Prog. Support	Cost per Billable Hour Before Admin. and Program Support - Program Support Rate Program Support Cost per Billable Hour - Administrative Rate Administrative Cost per Billable Hour	\$107.43 15.0% \$23.02 15.0% \$23.02
	Total Cost per Billable Hour Rate per Member per 15 Minutes	\$153.47 <b>\$38.37</b>

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### Outpatient Therapy, Agency, LCSW/ LCPC/ LMFT/ APRN - Office

		One-to-One	Groups
	Unit of Service	15 Minutes	15 Minutes
	- Licensed Clinician Hourly Wage - Benefit Rate (as a percent of wages) Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$32.43 25.2% \$40.60	\$32.43 25.2% \$40.60
Licensed Clinician Wages and Benefits	Productivity Assumptions  Total Hours  - Coordination and Collateral Contacts (non-billable)  - Participating in Assessments and Planning Meetings  - Missed Appointments  - Recordkeeping and Reporting  - Employer and One-on-One Supervision Time	40.00 2.58 0.65 2.15 4.30 1.29	40.00 3.01 0.86 - 4.73 1.29
sed Clinician W	- Training - Paid Time Off "Billable" Hours Productivity Adjustment	0.96 4.62 23.45 1.71	0.96 4.62 24.53 1.63
Licen	Lic. Clinician Cost After Productivity Adj. per Billable Hour  Staffing Ratio for Group Services  - Scheduled Members per Licensed Clinician  - Member Attendance Rate  - Attendance-Adjusted Number of Members per Lic. Clinician	\$69.43	\$66.18 4.0 80% 3.20
	Staff Cost After Prod. Adj. per Member per Billable Hour	\$69.43	\$20.68
Direct Svc. Office Space	- Square Feet of Office Space - Annual Cost per Square Foot Annual Cost of Office Space Office Space Cost per Member per Billable Hour	200 \$16.00 \$3,200.00 \$2.62	300 \$16.00 \$4,800.00 \$1.18
Admin. and Prog. Support	Cost per Member per Billable Hour Before Admin. and Support - Program Support Rate Program Support Cost per Member per Billable Hour - Administrative Rate Administrative Cost per Member per Billable Hour	\$72.05 15.0% \$15.44 15.0% \$15.44	\$21.86 20.0% \$6.73 15.0% \$5.04
	Total Cost per Member per Billable Hour Rate per Member per 15 Minutes	\$102.93 <b>\$25.73</b>	\$33.63 <b>\$8.41</b>

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### Outpatient Therapy, Agency, LCSW/LCPC/LMFT/APRN - Community

	Unit of Service	15 Minutes
efits	- Licensed Clinician Hourly Wage - Benefit Rate (as a percent of wages) Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$32.43 25.2% \$40.60
Licensed Clinician Wages and Benefits	Productivity Assumptions  Total Hours  - Travel Time (Between Members)  - Coordination and Collateral Contacts (non-billable)  - Participating in Assessments and Planning Meetings  - Missed Appointments  - Recordkeeping and Reporting  - Employer and One-on-One Supervision Time  - Training  - Paid Time Off  "Billable" Hours  Productivity Adjustment	40.00 4.30 2.15 0.43 2.15 4.30 1.29 0.96 4.62 19.80 2.02
Lic. Clinician Mileage	- Number of Miles Traveled per Week - Amount per Mile Weekly Mileage Cost Mileage Cost per Billable Hour	\$82.01 175 \$0.625 \$109.38 \$5.52
Admin. and Brog. Support	Cost per Billable Hour Before Admin. and Program Support - Program Support Rate Program Support Cost per Billable Hour - Administrative Rate Administrative Cost per Billable Hour	\$87.53 15.0% \$18.76 15.0% \$18.76
	Total Cost per Billable Hour Rate per Member per 15 Minutes	\$125.05 <b>\$31.26</b>

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### Outpatient Therapy, Agency, Licensed Alcohol and Drug Counselor - Office

		One-to-One	Groups
	Unit of Service	15 Minutes	15 Minutes
enefits	- LADC Hourly Wage - Benefit Rate (as a percent of wages) Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$26.74 28.3% \$34.31	\$26.74 28.3% \$34.31
Licensed Alcohol and Drug Counselor Wages and Benefits	Productivity Assumptions  Total Hours  - Coordination and Collateral Contacts (non-billable)  - Participating in Assessments and Planning Meetings  - Missed Appointments  - Recordkeeping and Reporting  - Employer and One-on-One Supervision Time  - Training  - Paid Time Off  "Billable" Hours  Productivity Adjustment	40.00 2.58 0.65 2.15 4.30 1.29 0.96 4.62 23.45 1.71	40.00 3.01 0.86 4.73 1.29 0.96 4.62 24.53 1.63
Licensed Alcoho	LADC Cost After Productivity Adj. per Billable Hour  Staffing Ratio for Group Services - Scheduled Members per LADC - Member Attendance Rate - Attendance-Adjusted Number of Members per LADC  Staff Cost After Prod. Adj. per Member per Billable Hour	\$58.67	\$55.93 3.0 80% 2.40 \$23.30
Direct Svc. Office Space	- Square Feet of Office Space - Annual Cost per Square Foot Annual Cost of Office Space  Office Space Cost per Member per Billable Hour	200 \$16.00 \$3,200.00 \$2.62	300 \$16.00 \$4,800.00 \$1.57
Admin. and Prog. Support	Cost per Member per Billable Hour Before Admin. and Support - Program Support Rate Program Support Cost per Member per Billable Hour - Administrative Rate Administrative Cost per Member per Billable Hour	\$61.29 15.0% \$13.13 15.0% \$13.13	\$24.87 20.0% \$7.65 15.0% \$5.74
	Total Cost per Member per Billable Hour Rate per Member per 15 Minutes	\$87.55 <b>\$21.89</b>	\$38.26 <b>\$9.57</b>

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### Outpatient Therapy, Agency, Licensed Alcohol and Drug Counselor - Community

	Unit of Service	15 Minutes
Jages and	- LADC Hourly Wage - Benefit Rate (as a percent of wages) Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$26.74 28.3% \$34.31
Licensed Alcohol and Drug Counselor Wages and Benefits	Productivity Assumptions  Total Hours  - Travel Time (Between Members)  - Coordination and Collateral Contacts (non-billable)  - Participating in Assessments and Planning Meetings  - Missed Appointments  - Recordkeeping and Reporting  - Employer and One-on-One Supervision Time  - Training  - Paid Time Off  "Billable" Hours  Productivity Adjustment  Staff Cost After Productivity Adj. per Billable Hour	40.00 4.30 2.15 0.43 2.15 4.30 1.29 0.96 4.62 19.80 2.02
LADC Mileage	- Number of Miles Traveled per Week - Amount per Mile Weekly Mileage Cost Mileage Cost per Billable Hour	175 \$0.625 \$109.38 \$5.52
Admin. and Prog. Support	Cost per Billable Hour Before Admin. and Program Support - Program Support Rate Program Support Cost per Billable Hour - Administrative Rate Administrative Cost per Billable Hour	\$74.83 15.0% \$16.04 15.0% \$16.04
	Total Cost per Billable Hour Rate per Member per 15 Minutes	\$106.91 <b>\$26.73</b>

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### Outpatient Therapy, Agency, Certified Alcohol and Drug Counselor - Office

		One-to-One	Groups
	Unit of Service	15 Minutes	15 Minutes
	- CADC Hourly Wage - Benefit Rate (as a percent of wages) Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$23.57 30.7% \$30.81	\$23.57 30.7% \$30.81
CADC Wages and Benefits	Productivity Assumptions  Total Hours  - Coordination and Collateral Contacts (non-billable)  - Participating in Assessments and Planning Meetings  - Missed Appointments  - Recordkeeping and Reporting  - Employer and One-on-One Supervision Time  - Training  - Paid Time Off  "Billable" Hours  Productivity Adjustment	40.00 2.58 0.65 2.15 4.30 1.29 0.96 4.62 23.45 1.71	40.00 3.01 0.86 4.73 1.29 0.96 4.62 24.53 1.63
O	CADC Cost After Productivity Adj. per Billable Hour  Staffing Ratio for Group Services  - Scheduled Members per CADC  - Member Attendance Rate  - Attendance-Adjusted Number of Members per CADC	\$52.69	\$50.22 3.0 80% 2.40
	Staff Cost After Prod. Adj. per Member per Billable Hour	\$52.69	\$20.93
Direct Svc. Office Space	- Square Feet of Office Space - Annual Cost per Square Foot Annual Cost of Office Space Office Space Cost per Member per Billable Hour	200 \$16.00 \$3,200.00 \$2.62	300 \$16.00 \$4,800.00 \$1.57
Admin. and Prog. Support	Cost per Member per Billable Hour Before Admin. and Support - Program Support Rate Program Support Cost per Member per Billable Hour - Administrative Rate Administrative Cost per Member per Billable Hour	\$55.31 15.0% \$11.85 15.0% \$11.85	\$22.50 20.0% \$6.92 15.0% \$5.19
	Total Cost per Member per Billable Hour Rate per Member per 15 Minutes	\$79.01 <b>\$19.75</b>	\$34.61 <b>\$8.65</b>

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### Outpatient Therapy, Agency, Certified Alcohol and Drug Counselor - Community

	Unit of Service	15 Minutes
	- CADC Hourly Wage - Benefit Rate (as a percent of wages) Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$23.57 30.7% \$30.81
CADC Wages and Benefits	Productivity Assumptions  Total Hours  - Travel Time (Between Members)  - Coordination and Collateral Contacts (non-billable)  - Participating in Assessments and Planning Meetings  - Missed Appointments  - Recordkeeping and Reporting  - Employer and One-on-One Supervision Time  - Training  - Paid Time Off  "Billable" Hours  Productivity Adjustment	40.00 4.30 2.15 0.43 2.15 4.30 1.29 0.96 4.62 19.80 2.02
	Staff Cost After Productivity Adj. per Billable Hour	\$62.24
CADC Mileage	- Number of Miles Traveled per Week - Amount per Mile	175 \$0.625
CA	Weekly Mileage Cost	\$109.38
	Mileage Cost per Billable Hour	\$5.52
Admin. and Prog. Support	Cost per Billable Hour Before Admin. and Program Support - Program Support Rate Program Support Cost per Billable Hour - Administrative Rate Administrative Cost per Billable Hour	\$67.76 15.0% \$14.52 15.0% \$14.52
	Total Cost per Billable Hour Rate per Member per 15 Minutes	\$96.80 <b>\$24.20</b>

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### **Medication Management**

		Physician	Phys. Asst./ Nurse Prac.
	Unit of Service	15 Minutes	15 Minutes
	- Clinician Hourly Wage - Benefit Rate (as a percent of wages)	\$177.06 10.0%	\$71.04 17.3%
	Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$194.77	\$83.33
Clinician Wages and Benefits	Productivity Assumptions	•	,
l Be	Total Hours	40.00	40.00
anc	- Coordination and Collateral Contacts (non-billable)	4.30 0.86	4.30 0.86
ges	- Participating in Assessments and Planning Meetings - Missed Appointments	2.15	2.15
Way	- Recordkeeping and Reporting	4.30	4.30
an	- Employer and One-on-One Supervision Time	1.29	1.29
nici	- Training	0.96	0.96
Cli	- Paid time off	4.62	4.62
	"Billable" Hours	21.52	21.52
	Productivity Adjustment	1.86	1.86
	Staff Cost After Productivity Adj. per Billable Hour	\$362.27	\$154.99
e an	- Square Feet of Office Space	200	200
Clinician Office Space	- Annual Cost per Square Foot	\$16.00	\$16.00
Clii.	Annual Cost of Office Space	\$3,200.00	\$3,200.00
	Office Space Cost per Billable Hour	\$2.86	\$2.86
nd ort	Cost per Billable Hour Before Admin. and Program Support	\$365.13	\$157.85
Admin. and Prog. Support	- Program Support Rate	15.0%	15.0%
	Program Support Cost per Billable Hour	\$78.24	\$33.83
	- Administrative Rate	15.0%	15.0%
P.	Administrative Cost per Billable Hour	\$78.24	\$33.83
	Total Cost per Billable Hour	\$521.61	\$225.51
	Rate per 15 Minutes	\$130.40	\$56.38

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#### **Medication-Assisted Treatment with Methadone**

- \* DHHS recommends benchmarking to Medicare's rate (table below) and recommends the same rates for services to children and adults
- \* DHHS would like provider input regarding whether there are differences between Medicare's and MaineCare's requirements for the service that would have an impact on the appropriateness of using Medicare's rate as the benchmark
- \* Consistent with the % used on other sections of the MaineCare Benefits Manual, DHHS would pay at 72.4% of the current year Medicare rate (so \$148.27 would be the CY2022 rate, to be updated once CMS announces the CY23 Medicare rate)

Service Description	Billing Unit	Current Rate	Medi- care Rate	Draft Rate	% Chg.
HCPCS G2067 - Medication assisted treatment, methadone; weekly bundle including dispensing and/or administration, substance use counseling, individual and group therapy, and toxicology testing, if performed (provision of the services by a Medicare-enrolled Opioid Treatment Program).	Weekly	\$115.43	\$204.79	\$148.27	28.5%

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### Neuropsychological and Psychological Testing

		Physician/ Psychologist	Psych. Examiner
	Unit of Service	Hour	Hour
Psychologist/ Psychological Examiner Wages and Benefits	- Pscyhologist/ Examiner Hourly Wage - Benefit Rate (as a percent of wages) Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$41.32 22.1% \$50.45	\$26.74 28.3% \$34.31
ical Exam nefits	Productivity Assumptions Total Hours - Coordination and Collateral Contacts (non-billable)	40.00 0.86	40.00
Psychological ] and Benefits	- Missed Appointments - Recordkeeping and Reporting - Employer and One-on-One Supervision Time - Training	1.29 3.23 1.29 0.96	1.29 1.72 1.29 0.96
chologist/	- Paid Time Off "Billable" Hours Productivity Adjustment	4.62 27.75 1.44	4.62 30.12 1.33
Psy	Staff Cost After Productivity Adj. per Billable Hour	\$72.65	\$45.63
Test Costs	- Cost per Assessment (per-copy cost and related expenses) - Hours per Assessment (total time to complete assessment)  Test Cost per Billable Hour	\$15.00 4.00 \$3.75	\$15.00 4.00 \$3.75
Psychologist/ Examiner Office Space	- Square Feet of Office Space - Annual Cost per Square Foot Annual Cost of Office Space Office Space Cost per Billable Hour	\$16.00 \$3,200.00 \$2.22	200 \$16.00 \$3,200.00 <b>\$2.04</b>
Admin. and Prog. Support	Cost per Billable Hour Before Administration - Program Support Rate Program Support Cost per Billable Hour - Administrative Rate Administrative Cost per Billable Hour	\$78.62 15.0% \$16.85 15.0% \$16.85	\$51.42 15.0% \$11.02 15.0% \$11.02
	Rate per Hour	\$112.32	\$73.46

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#### **Adaptive Assessments**

	Unit of Service	Hour
80	- Assessor Hourly Wage - Benefit Rate (as a percent of wages)	\$32.43 25.2%
nefit	Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$40.60
Assessor Wages and Benefits	Productivity Assumptions Total Hours	40.00
es at	- Missed Appointments	1.29
Wag	- Recordkeeping and Reporting - Employer and One-on-One Supervision Time	1.72 1.29
SSOL	- Training	0.96
Asse	- Paid time off "Billable" Hours	4.62 30.12
7	Productivity Adjustment	1.33
	Staff Cost After Productivity Adj. per Billable Hour	\$54.00
Test	- Cost per Assessment (per-copy cost and related expenses)	\$15.00
7 22	- Hours per Assessment (total time to complete assessment)  Test Cost per Billable Hour	4.00 \$3.75
oor e	- Square Feet of Office Space	200
Assessor Office Space	- Annual Cost per Square Foot Annual Cost of Office Space	\$16.00 \$3,200.00
A O	Office Space Cost per Billable Hour	\$3,200.00 <b>\$2.04</b>
nd	Cost per Billable Hour Before Administration	\$59.79
in. a Supp	- Program Support Rate	15.0%
Admin. and Prog. Support	Program Support Cost per Billable Hour - Administrative Rate	\$12.81 15.0%
, Pı	Administrative Cost per Billable Hour	\$12.81
	Rate per Hour	\$85.41

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### **Specialized Group Services**

		WRAP	Recovery Workbook	TREM	DBT
	Unit of Service	Session	Session	Session	Session
efits	- Peer Specialist Hourly Wage - Benefit Rate (as a percent of wages) Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$20.40 33.8% \$27.30	\$20.40 33.8% \$27.30	\$20.40 33.8% \$27.30	\$20.40 33.8% \$27.30
Peer Specialist Wages and Benefits	Productivity Assumptions Total Hours - Employer and One-on-One Supervision Time - Training - Paid time off "Billable" Hours Productivity Adjustment Peer Specialist Cost After Productivity Adj. per Billable Hour	40.00 1.32 0.96 3.85 33.87 1.18 \$32.21	40.00 1.32 0.96 3.85 33.87 1.18 \$32.21	40.00 1.32 0.96 3.85 33.87 1.18 \$32.21	40.00 1.32 0.96 3.85 33.87 1.18 \$32.21
Peer	Number of Peer Specialists Hours per Peer Specialist per Session (w/ set-up, clean-up, and records)	2 4.00	1 4.00	1 3.25	1 4.50
	Cost of Peer Specialists per Session	\$257.68	\$128.84	\$104.68	\$144.95
l Benefits	- Other Qualified Staff Hourly Wage - Benefit Rate (as a percent of wages) Hourly Staff Cost Before Productivity Adj. (wages + benefits)		\$20.40 33.8% \$27.30	\$20.40 33.8% \$27.30	\$20.40 33.8% \$27.30
Other Qualified Staff Wages and Benefits	Productivity Assumptions Total Hours - Employer and One-on-One Supervision Time - Training - Paid time off "Billable" Hours Productivity Adjustment Other Qualified Staff Cost After Productivity Adj. per Billable Hour		40.00 1.32 0.96 3.85 33.87 1.18 \$32.21	40.00 1.32 0.96 3.85 33.87 1.18 \$32.21	40.00 1.32 0.96 3.85 33.87 1.18 \$32.21
Other Qu	Number of Other Qualified Staff Hours per Other Qual. Staff per Session (w/ set-up, clean-up, and records)	0	1 4.00	1 3.25	1 4.50
	Cost of Other Qualified Staff per Session	\$0.00	\$128.84	\$104.68	\$144.95
Direct Svc. Space	- Square Feet of Direct Service Space - Annual Cost per Square Foot Annual Cost of Direct Service Space Cost of Direct Service Space per Session (based on 250 available days)	300 \$16.00 \$4,800.00 \$19.20	300 \$16.00 \$4,800.00 <b>\$19.20</b>	300 \$16.00 \$4,800.00 \$19.20	300 \$16.00 \$4,800.00 \$19.20
Admin. and Prog. Support	Cost per Session Before Admin. and Support - Scheduled Members per Session - Member Attendance Rate - Attendance-Adjusted Number of Members per Session	\$276.88 5.0 80% 4.0	\$276.88 5.0 80% 4.0	\$228.56 5.0 80% 4.0	\$309.10 5.0 80% 4.0
	Session Cost per Member Before Admin. And Program Support	\$69.22	\$69.22	\$57.14	\$77.28
	- Program Support Rate Program Support Cost per Member per Session - Administrative Rate Administrative Cost per Member per Session	20.0% \$21.30 15.0% \$15.97	20.0% \$21.30 15.0% \$15.97	20.0% \$17.58 15.0% \$13.19	20.0% \$23.78 15.0% \$17.83
	Rate per Member per Session	\$106.49	\$106.49	\$87.91	\$118.89

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### **Multisystemic Therapy**

	Unit of Service	Week
Clinician Wages and Benefits	- Hourly Wage - Benefit Rate (as a percent of wages)	\$32.43 25.2%
ian Wag Benefits	Weekly Cost of Wages and Benefits	\$1,624.09
cian Ber	Weekly On-Call Payment per Clinician	\$50.00
Clini	Number of Cases per Clinician	5.0
<u> </u>	Weekly Clinician Cost per Case	\$334.82
	- Hours of Initial Off-Site Training Staff Cost of Initial Training (based on wages and benefits above)	\$1,624.09
Clinician Initial Training	<ul> <li>- Airfare (1 round trip)</li> <li>- Lodging (\$120 per night for 6 nights)</li> <li>- Ground Transportation (\$50 per day for 6 days) shared by 2 staff</li> <li>- Per Diem (\$65 per day for 5 days plus \$15 for the last day)</li> <li>Travel Related Costs of Initial Training</li> </ul>	\$400.00 \$720.00 \$150.00 \$340.00 \$1,610.00
ian I	Attendance Fee for Initial Training	\$950.00
Jinic	Total Initial Training Cost	\$4,184.09
	- Clinician Turnover Rate	30%
	Annual Initial Training Cost per Clinician	\$1,255.23
	Weekly Clinician Initial Training Cost per Case	\$4.81
Clinician Mileage	- Number of Miles Traveled per Week - Amount per Mile	200 \$0.625
Clin	Weekly Mileage Cost	\$125.00
	Weekly Clinician Mileage Cost per Case	\$25.00
Clinician Office	- Square Feet of Service Space - Annual Cost per Square Foot	100 \$16.00
Uiniciar Office	Annual Clinician Office Cost	\$1,600.00
	Weekly Clinician Office Cost per Case	\$6.14
sor	- Hourly Wage	\$34.67
ervis	- Benefit Rate (as a percent of wages) Weekly Cost of Wages and Benefits	24.3% \$1,723.79
Team Supervisor	- Number of Clinicians per Team Supervisor (based on 2 teams) Implied Number of Cases per Team Supervisor	6 30
Ţ	Weekly Team Supervisor Cost per Case	\$57.46
	- Hours of Initial Off-Site Training	16
50	Staff Cost of Initial Training (based on wages and benefits above)	\$689.52
Supervisor Initial Training	- Airfare (1 round trip) - Lodging (\$120 per night for 3 nights)	\$400.00 \$360.00
	- Ground Transportation (\$50 per day for 3 days shared by 2 staff)	\$75.00
nitia	- Per Diem (\$65 per day for 2 days plus \$15 for last day) Travel Related Costs of Initial Training	\$145.00 \$980.00
isor l	Attendance Fee for Initial Training	\$450.00
perv	Total Initial Training Cost	\$2,119.52
Su	- Supervisor Turnover Rate	30%
	Annual Initial Training Cost per Supervisor	\$635.86
	Weekly Supervisor Initial Training Cost per Case	\$0.41

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### **Multisystemic Therapy**

	Unit of Service	Week
Data Collectio n	- Cost Per Case - Average Length of Case (Weeks) Weekly Data Collection Cost per Case	\$100.00 13 \$7.69
'Flexible Funding'	- Flexible Funding per Case - Average Length of Case (Weeks)  Weekly Flexible Funding Cost per Case	\$100.00 13 \$7.69
Consultation Expenses	- Annual Consulting Fees (assumes 2 teams)  - Annual Consultants' Per Diem Cost for Quarterly Trainings  - Number of Clinicians Trained  Annual Consultation Cost per Clinician  Weekly Consultation Cost per Clinician	\$57,000.00 \$3,920.00 6 \$10,153.33 \$194.72
	Weekly Consultation Cost per Case	\$38.94
Annual Licensing Fees	- Annual Agency Licensing Fees - Annual Team Licensing Fees (assumes 2 teams) - Number of Clinicians Covered Annual Licensing Cost per Clinician Weekly Licensing Cost per Clinician	\$4,750.00 \$5,900.00 6 \$1,775.00 \$34.04
,	Weekly Licensing Cost per Case	\$6.81
and apport	Cost per Week Included for Administration and Program Support Rate	\$423.42
Admin. and Program Support	- Program Support Rate Weekly Program Support Cost per Case	15.0% \$90.73
A	- Administrative Rate Weekly Administration Cost per Case	15.0% \$90.73
	Remaining costs excluded from Admin and Program Support Caluculation	\$66.35
	Weekly Case Rate	\$671.23

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### **Multisystemic Therapy - Problem Sexualized Behavior**

	Unit of Service	Week
and	- Hourly Wage	\$32.43
ages its	- Benefit Rate (as a percent of wages) Weekly Cost of Wages and Benefits	25.2% \$1,624.09
Clinician Wages and Benefits	Weekly On-Call Payment per Clinician	\$50.00
micia B	Number of Cases per Clinician	4.0
CI	Weekly Clinician Cost per Case	\$418.52
	- Hours of Initial Off-Site Training	56
	Staff Cost of Initial Training (based on wages and benefits above)	\$2,273.73
guini	- Airfare (2 round trips) - Lodging (\$120 per night for 9 nights)	\$800.00 \$1,080.00
Trai	- Ground Transportation (\$50 per day for 9 days, shared by 2 staff)	\$225.00
nitial	- Per Diem (\$65 per day for 7 days plus \$15 per day for the last day of each trip) Travel Related Costs of Initial Training	\$485.00 \$2,590.00
Clinician Initial Training	Attendance Fee for Initial Training	\$1,425.00
linici	Total Initial Training Cost	\$6,288.73
C	- Clinician Turnover Rate	30%
	Annual Initial Training Cost per Clinician	\$1,886.62
	Weekly Clinician Initial Training Cost per Case	\$9.05
Clinician Mileage	- Number of Miles Traveled per Week	200
Clinician Mileage	- Amount per Mile Weekly Mileage Cost	\$0.625 \$125.00
C	Weekly Clinician Mileage Cost per Case	\$31.25
ian e	- Square Feet of Service Space	100
Clinician Office	- Annual Cost per Square Foot	\$16.00
ט	Annual Clinician Office Cost Weekly Clinician Office Cost per Case	\$1,600.00 <b>\$7.67</b>
±	- Hourly Wage	\$34.67
visc	- Benefit Rate (as a percent of wages)	24.3%
nber	Weekly Cost of Wages and Benefits	\$1,723.79
Team Supervisor	- Number of Clinicians per Team Supervisor (based on two teams)	6 24
Тез	Implied Number of Cases per Team Supervisor	
	Weekly Team Supervisor Cost per Case	\$71.82
	- Hours of Initial Off-Site Training Staff Cost of Initial Training (based on wages and benefits above)	\$689.52
ing	- Airfare (1 round trip)	\$400.00
Supervisor Initial Training	- Lodging (\$120 per night for 3 nights)	\$360.00
	- Ground Transportation (\$50 per day for 3 days shared by 2 staff) - Per Diem (\$65 per day for 2 days plus \$15 for the last day)	\$75.00 \$145.00
	Travel Related Costs of Initial Training	\$143.00
visor	Attendance Fee for Initial Training	\$450.00
uper	Total Initial Training Cost	\$2,119.52
S	- Supervisor Turnover Rate Annual Initial Training Cost per Supervisor	30% \$635.86
	<u> </u>	
	Weekly Supervisor Initial Training Cost per Case	\$0.51

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### **Multisystemic Therapy - Problem Sexualized Behavior**

	Unit of Service	Week
	- Hours of Externship Off-Site Training Staff Cost of Externship Training (based on wages and benefits above)	72 \$3,102.83
Externship Training	<ul> <li>- Airfare (3 round trips)</li> <li>- Lodging (\$120 per night for 8 nights)</li> <li>- Ground Transportation (\$50 per day for 9 days)</li> <li>- Per Diem (\$65 per day for 6 days plus \$15 per day for the last day of each trip)</li> <li>Travel Related Costs of Externship Training</li> </ul>	\$1,200.00 \$960.00 \$450.00 \$435.00 \$3,045.00
ernsh	Attendance Fee for Externship Training (included in annual fee)	\$4,000.00
Ext	Total Externship Training Cost - Supervisor Turnover Rate Annual Externship Training Cost per Supervisor	\$10,147.83 30% \$3,044.35
	Weekly Externship Training Cost per Case	\$2.43
Data Collection	- Cost Per Case - Average Length of Case (Weeks) Weekly Data Collection Cost per Case	\$100.00 15 \$6.67
'Flexible Funding'	- Flexible Funding per Case - Average Length of Case (Weeks) Weekly Flexible Funding Cost per Case	\$100.00 15 \$6.67
Consultation Expenses	- Annual MST Consulting Fees (assumes 2 teams) - Annual Consultants' Per Diem Cost for Quarterly Trainings - Number of Clinicians Trained Annual Consultation Cost per Clinician Weekly Consultation Cost per Clinician	\$58,000.00 \$3,920.00 6 \$10,320.00 \$197.92
	Weekly Consultation Cost per Case	\$49.48
Consultation Expenses	- Additional PSB Consulting Fees (assumes 2 teams) - Number of Clinicians Trained Annual PSB Consultation Cost per Clinician Weekly PSB Consultation Cost per Clinician	\$15,000.00 6 \$2,500.00 \$47.95
Consultatic	- Percent of MST Cases That Are PSB Weighted Average Clinician Caseload Number of PSB Cases per Clinician Weekly PSB Consultation Cost per Case	17% 4.8 0.8 <b>\$59.94</b>
Annual Licensing Fees	- Annual Agency Licensing Fees - Annual Team Licensing Fees (assumes 2 teams) - Number of Clinicians Covered Annual Licensing Cost per Clinician	\$4,750.00 \$5,900.00 6 \$1,775.00
Vnnua	Weekly Licensing Cost per Clinician	\$34.04
·	Weekly Licensing Cost per Case	\$8.51
and	Cost per Week Included for Administration and Program Support Rate	\$529.26
Admin. and Program Support	- Program Support Rate Weekly Program Support Cost per Case (set equal to MST rate)	\$90.73
, Pro	- Administrative Rate Weekly Administration Cost per Case (set equal to MST rate)	\$90.73
	Remaining costs excluded from Admin and Program Support Caluculation	\$143.26
	Weekly Case Rate	\$853.98

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### **Functional Family Therapy**

	Unit of Service	Week
100	- Non-Supervisor Hourly Wage - Benefit Rate (as a percent of wages)	\$32.43 25.2%
efits	Weekly Cost of Wages and Benefits	\$1,624.09
Веп	Percent of Team Cases Carried by Non-Supervisors	88.9%
and	- Supervisor Hourly Wage	\$33.67
ges	- Benefit Rate (as a percent of wages)	24.7%
Wa	Weekly Cost of Wages and Benefits	\$1,679.46
cian	Percent of Team Cases Carried by Supervisors	11.1%
Clinician Wages and Benefits	Weighted Average Weekly Cost of Wages and Benefits	\$1,630.24
	Number of Cases per Clinician (10 per clinician / 5 for supervisors)	9.0
	Weekly Clinician Cost per Case	\$181.14
Annual Fees	- Annual Fee to FFT LLC (Phase 3)	\$9,750.00
nal I	- Annual Per Diem Cost for Consultant Training	\$652.00
\nn\	- Number of Clinicians	5 \$4.43
- 1	Weekly Annual Fee Cost per Case	54.43
	- Hours of Initial Training Staff Cost of Initial Training (based on wages and benefits above)	\$1,461.68
gı	- Airfare (2 round trips)	\$800.00
inis	- Lodging (\$120 per night for 6 nights)	\$720.00
Tre	- Ground Transportation (\$50 per day for 6 days, shared by 2 staff)	\$150.00
itial	- Per Diem (\$65 per day for 4 days plus \$15 per day for the last day of each trip) Travel Related Costs of Initial Training	\$290.00 \$1,960.00
Clinician Initial Training	_	
icia	Attendance Fee for Initial Training	\$1,750.00
Clin	Total Initial Training Cost	\$5,171.68
	- Clinician Turnover Rate Annual Initial Training Cost per Clinician	30% \$1,551.50
_	Weekly Initial Training Cost per Case	\$3.31
Clinician Mileage	- Number of Miles Traveled per Week - Amount per Mile	200 \$0.625
Tini Aile	Weekly Mileage Cost	\$125.00
C	Weekly Clinician Mileage Cost per Case	\$13.89
au	- Square Feet of Service Space	100
Clinician Office	- Annual Cost per Square Foot	\$16.00
Cli	Annual Clinician Office Cost	\$1,600.00
	Weekly Clinician Office Cost per Case	\$3.41

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### **Functional Family Therapy**

	Unit of Service	Week
Team Supervisor	- Hourly Wage - Benefit Rate (as a percent of wages) Weekly Cost of Wages and Benefits	\$34.67 24.3% \$1,723.79
Feam Su	- Number of Clinicians per Team Supervisor (includes supervisor) Implied Number of Cases per Team Supervisor	5 45
	Weekly Team Supervisor Cost per Case	\$38.31
ining	- Hours of Initial Off-Site Training Staff Cost of Initial Training (based on wages and benefits above)	\$1,379.03
Supervisor Initial (Phase 1) Training	<ul> <li>- Airfare (2 round trips)</li> <li>- Lodging (\$120 per night for 6 nights)</li> <li>- Ground Transportation (\$50 per day for 6 days, shared by 2 staff)</li> <li>- Per Diem (\$65 per day for 4 days plus \$15 per day for the last day of each trip)</li> <li>Travel Related Costs of Initial Training</li> </ul>	\$800.00 \$720.00 \$150.00 \$290.00 \$1,960.00
Initi	Attendance Fee for Initial Training (included in annual fee)	\$0.00
ıpervisor	Total Initial Training Cost - Supervisor Turnover Rate Annual Initial Training Cost per Supervisor	\$3,339.03 30% \$1,001.71
Su	Weekly Supervisor Initial Training Cost per Case	\$1,001.71
gu	- Hours of Externship Off-Site Training Staff Cost of Externship Training (based on wages and benefits above)	72 \$3,102.83
Supervisor Externship Training	<ul> <li>- Airfare (3 round trips)</li> <li>- Lodging (\$120 per night for 8 nights)</li> <li>- Ground Transportation (\$50 per day for 9 days)</li> <li>- Per Diem (\$65 per day for 6 days plus \$15 per day for the last day of each trip)</li> </ul>	\$1,200.00 \$960.00 \$450.00 \$435.00
or Exte	Travel Related Costs of Externship Training  Attendance Fee for Externship Training (included in annual fee)	\$3,045.00 \$4,000.00
Supervisc	Total Externship Training Cost - Supervisor Turnover Rate	\$10,147.83 30%
	Annual Externship Training Cost per Supervisor	\$3,044.35
<u> </u>	Weekly Externship Training Cost per Case	\$1.30
Admin. and Program Support	Cost per Week Included for Administration and Program Support Rate  - Program Support Rate  Weekly Program Support Cost per Case	\$236.75 15.0% \$50.73
Admin. Program S	- Administrative Rate Weekly Administration Cost per Case	15.0% \$50.73
	Remaining costs excluded from Admin and Program Support Caluculation	\$9.47
	Weekly Case Rate	\$347.68

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### **Trauma-Focused Cognitive Behavioral Therapy**

-	Unit of Service	15 Minute
	- Direct Staff Hourly Wage	\$32.43
	- Employee Benefit Rate (as % of wages)	25.2%
its	Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$40.60
Direct Support Staff Wages and Benefits	Productivity Assumptions	
1 Be	Total Hours	40.00
anc	- Performing Evaluations	0.21
ses	- Participating in Care Plan Meetings	0.21
Way	- Session Prep and Planning	1.71
J	- Collateral Contacts - Missed Appointments	2.14 2.14
Sta	- Recordkeeping and Reporting	3.21
ort	- Peer Consultation/ Consultant Supervision	1.28
ldn	- Employer Time	1.07
t S	- Training	1.15
ire	- Paid Time Off	4.62
	"Billable" Hours	22.26
	Productivity Adjustment	1.80
	Staff Cost per Billable Hour	\$73.08
	Cost of Web-Based Classes	\$35.00
	Cost for Initial Training (2 days)	
	- Airfare (1 round trip)	\$400.00
	- Lodging (\$120 per night for 3 nights)	\$360.00
	- Ground Transportation (\$50 per day for 3 days) shared by two staff	\$75.00
	- Per Diem (\$65 per day for 2 days plus \$15 for the last day)	\$145.00
ing	Travel Related Costs of Initial Training	\$980.00
Clinician Initial Training	Attendance Fee for Initial Training	\$250.00
ia.	- Number of Consultation Calls	12
[luit	- Consultant Fee per Call	\$75.00
an	- Number of Clinicians per Call	6
nici	Consultation Call Cost	\$150.00
Cli	- Certification Cost (application and exam)	\$325.00
	- Duration of Certification (in years)	5
	Annual Cost of Certification	\$65.00
	Total Initial Consultation Cost	\$1,480.00
	- Clinician Turnover Rate	30%
	Annual Initial Training Cost per Clinician	\$444.00
	Initial Training Cost per Billable Hour	\$0.38
Clinician Office	- Square Feet of Service Space	200
Jinicia Office	- Annual Cost per Square Foot	\$16.00
ט	Clinician Office Cost per Billable Hour	\$2.76

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### **Trauma-Focused Cognitive Behavioral Therapy**

	Unit of Service	15 Minute
Team Supervisor	- Hourly Wage - Benefit Rate (as a percent of wages) Weekly Cost of Wages and Benefits	\$34.67 24.3% \$1,723.79
am S	- Number of Clinicians per Team Supervisor	6
Te	Team Supervisor Cost per Billable Hour	\$12.91
	Cost of Web-Based Classes	\$35.00
	Cost for Initial Training (2 days)	
	- Airfare (1 round trip)	\$400.00
	- Lodging (\$120 per night for 3 nights)	\$360.00
	- Ground Transportation (\$50 per day for 3 days)	\$75.00
ల్	- Per Diem (\$65 per day for 2 days plus \$15 for the last day)	\$145.00
in in	Travel Related Costs of Initial Training	\$980.00
Supervisor Initial Training	Attendance Fee for Initial Training	\$250.00
tial	- Number of Consultation Calls	12
Ini	- Consultant Fee per Call	\$75.00
sor	- Number of Clinicians per Call	6
ervi	Consultation Call Cost	\$150.00
dns	- Certification Cost (application and exam)	\$325.00
01	- Duration of Certification (in years)	5
	Annual Cost of Certification	\$65.00
	Total Initial Consultation Cost	\$1,480.00
	- Supervisor Turnover Rate	30%
	Annual Initial Training Cost per Supervisor	\$444.00
	Supervisor Initial Training Cost per Billable Hour	\$0.06
10 9.	Cost per Billable Hour Included in Admin. and Program Support Rate	\$88.75
d P	- Program Support Rate	15.0%
in. and I	Program Support Cost per Billable Hour	\$19.02
Admin. and Prog. Support		
Adr	- Administrative Rate	15.0% \$19.02
<u> </u>	Administrative Cost per Billable Hour	\$19.02
	Remaining costs excluded from Admin and Program Support Caluculation	\$0.44
	Total Cost per Billable Hour	\$127.23
	Rate per 15 Minutes	\$31.81

### Rate Study for Behavioral Health and Targeted Case Management Services

### Appendices to Draft Rate Models

- prepared for -

Maine Department of Health and Human Services

- prepared by -

Burns & Associates a Division of Health Management Associates 3030 North 3rd Street, Suite 200 Phoenix, Arizona 85012 (602) 241-8520 www.healthmanagement.com/about/burns-associates/

September 21, 2022

#### prepared for Maine Department of Health and Human Services

### Appendix A: Wage Assumptions Wage Data for Select Job Classifications that Include Duties Related to Waiver Service Job Requirements

Patient	BLS Code and Title	Typical	Typical	Typical On-The-	Bur		abor Stat		ages
11-9151 Social and community service managers				U	1041	`		,	0041
11-9151   Social and community service managers   Bachelor's   Under 5 yrs.   None   \$22.40   \$23.68   \$29.45   \$36.46   \$41.34     19-3033   Clinical and counseling psychologists   Not pub.   Not pub.   Not pub.   Sove pub.   \$27.41   \$30.84   \$36.38   \$50.86   \$76.50     19-3034   School psychologist   Not pub.   Not pub.   Not pub.   Sove pub.   \$29.84   \$34.73   \$37.61   \$39.61   \$49.80     19-3034   School psychologist   Not pub.   Not pub.   Not pub.   Sove pub.   \$29.84   \$34.73   \$37.61   \$39.61   \$49.80     19-3034   School psychologist   Not pub.   Not pub.   Not pub.   Not pub.   \$29.84   \$34.73   \$37.61   \$39.61   \$49.80     19-3034   School psychologist   Not pub.   Not pub.   Not pub.   Not pub.   \$29.84   \$33.75   \$39.61   \$49.80     19-3034   School psychologist   Not pub.   Not pub.   Not pub.   Not pub.   \$29.84   \$33.75   \$39.61   \$49.80     19-3034   School psychologist   Not pub.   Not pub.   Not pub.   Not pub.   Not pub.   \$27.41   \$30.84   \$30.84   \$50.85   \$39.61   \$49.80     19-3034   School psychologist   Not pub.   None   None   \$14.83   \$21.62   \$23.54   \$31.44   \$48.10     21-1015 Rehabilitation counselors   Master's   None   None   \$22.73   \$25.26   \$28.75   \$31.42   \$48.10     21-1018 Subs. use/ behav. disorder/ mult. hith couns   Bachelor's   None   None   \$22.73   \$25.26   \$28.87   \$30.26   \$37.89     21-1019 Health education workers   Master's   None   None   \$18.48   \$22.69   \$23.85   \$30.52   \$33.52     21-1021 Health education specialist   Bachelor's   None   None   S18.48   \$22.69   \$23.85   \$30.52   \$33.52     21-1091 Health education specialist   Bachelor's   None   None   S18.48   \$22.69   \$23.85   \$30.52   \$33.52     21-1094 Community health workers   High School   None   None   \$14.64   \$17.59   \$18.25   \$24.34   \$24.45     22-2052 Special ed. teachers, preschool 1/ Bachelor's   None   None   \$32.66   \$29.84   \$31.13   \$39.01   \$48.22     23-2052 Special ed. teachers, scondary school 1/ Bachelor's   None   None   \$32.60   \$29.84   \$31.33   \$39.01   \$48.22     23-205		Requirement	Experience						
19-3033 Clinical and counseling psychologists         Not pub.         Not pub.         Not pub.         Not pub.         27-41         30.84         33.63         \$50.86         49.80           19-3034 School psychologist         Not pub.         Not pub.         Not pub.         Not pub.         \$29.84         \$34.73         \$3.61         \$39.61         \$49.80           21-1012 Educational/ voc/ school counselors         Master's         None         None         \$18.48         \$22.62         \$21.61         \$30.51         \$37.67           21-1012 Educational/ voc/ school counselors         Master's         None         None         \$14.83         \$21.62         \$23.54         \$31.44         \$48.10           21-1018 Subs. use/ behav. disorder/ mntl. hith couns.         Bachelor's         None         None         \$14.83         \$21.62         \$23.54         \$31.49         \$48.10           21-1012 Healthean social workers         Master's         None         Intern/resident         \$12.82         \$22.50         \$28.55         \$30.52         \$33.52           21-1091 Health education specialist         Bachelor's         None         None         \$18.75         \$18.62         \$22.11         \$23.50         \$23.60         \$23.60         \$23.60         \$23.60         \$23.61	11-9151 Social and community service managers	Bachelor's	Under 5 vrs						
19-3034 School psychologist   Not pub. Not pub. Not pub. Not pub. S29.84   \$3.473   \$37.61   \$39.61   \$49.80			•						
21-1012 Educational/ voce/ school counselors   Master's   None   None   S18.48   S22.62   S24.16   S30.51   S37.67			•	•					
21-1015 Rehabilitation counselors   Master's None None   S17.59   S18.68   S23.41   S29.73   S20.00									
21-1018 Subs. use/ behav. disorder/ mntl. hlth couns   Bachelor's   None   None   S14.83   S1.62   S2.54   S3.14   S4.10   S1-1021 Child/ family/ school social workers   Bachelor's   None   None   S22.73   S25.26   S28.37   S30.26   S37.89   S1-1022 Healtheare social workers   Master's   None   Intern/ resident   S22.80   S23.88   S29.28   S30.55   S37.84   S1-1023 Mental health/ sub. abuse social worker   Master's   None   Intern/ resident   S18.77   S2.07   S2.55   S30.52   S38.36   S1-1091 Health education specialist   Bachelor's   None   None   Short-term OTJ   S14.64   S17.59   S18.33   S1.64   S23.15   S2.05   S2.0							•		
21-1021 Child/ family/ school social workers   Bachelor's   None   None   \$22.73   \$25.26   \$28.37   \$30.26   \$37.89     21-1022 Healthcare social workers   Master's   None   Intern/ resident   \$22.80   \$23.58   \$29.28   \$30.55   \$37.34     21-1023 Mental health/ sub. abuse social work   Master's   None   Intern/ resident   \$18.77   \$22.70   \$28.55   \$30.52   \$38.36     21-1091 Health education specialist   Bachelor's   None   None   \$18.46   \$21.69   \$23.66   \$30.98   \$39.06     21-1093 Social and human service assistants   High School   None   Short-term OTI   \$14.64   \$17.59   \$18.33   \$21.64   \$23.15     21-1094 Community health workers   High School   None   Short-term OTI   \$17.74   \$18.62   \$23.11   \$28.33   \$30.76     25-2051 Special education teachers, preschool I/   Bachelor's   None   None   \$18.39   \$18.64   \$19.53   \$24.34   \$24.43     25-2052 Special ed. teachers, kindergarten/ elem. I/   Bachelor's   None   None   \$23.66   \$29.81   \$31.33   \$39.01   \$48.22     25-2053 Special ed. teachers, secondary school I/   Bachelor's   None   None   \$23.60   \$29.84   \$31.13   \$39.79   \$48.70     25-2058 Special ed. teachers, secondary school I/   Bachelor's   None   None   \$23.60   \$29.84   \$31.13   \$39.79   \$48.46     25-2058 Special ed. teachers, secondary school I/   Bachelor's   None   None   \$23.60   \$29.84   \$31.33   \$39.01   \$48.20     25-2058 Special ed. teachers, secondary school I/   Bachelor's   None   None   \$23.60   \$29.84   \$31.33   \$39.01   \$48.20     25-2058 Special ed. teachers, secondary school I/   Bachelor's   None   None   \$38.01   \$18.25   \$22.81   \$23.07   \$29.01     29-1051 Pharmacists   Doctoral/ prof. None   None   \$47.61   \$48.89   \$40.80   \$40.80   \$40.80     29-1071 Physician assistants   Master's   None   None   \$47.41   \$48.88   \$58.40   \$61.87   \$73.31   \$78.84     29-1216 General internal medicine physicians   Doctoral/ prof. None   Intern/ resident   \$84.02   I/   I/   I/     29-2123 Psychiatrist   Doctoral/ prof. None   Intern/ resident   \$84.02   I/   I/   I/     29-2233									*
21-1022   Healthcare social workers   Master's   None   Intern/ resident   \$22.80   \$23.58   \$29.28   \$30.55   \$37.34     21-1023   Mental health/ sub. abuse social work   Master's   None   Intern/ resident   \$18.77   \$22.70   \$28.55   \$30.52   \$38.36     21-1091   Health education specialist   Bachelor's   None   None   Short-term OTJ   \$14.64   \$17.59   \$18.33   \$21.64   \$23.15     21-1094   Community health workers   High School   None   Short-term OTJ   \$14.64   \$17.59   \$18.33   \$21.64   \$23.15     21-1094   Community health workers   High School   None   Short-term OTJ   \$14.64   \$17.59   \$18.33   \$21.64   \$23.15     21-1094   Community health workers   High School   None   Short-term OTJ   \$14.64   \$17.59   \$18.33   \$21.64   \$23.15     21-2051   Special education teachers, preschool   Bachelor's   None   None   \$18.39   \$18.64   \$19.53   \$24.34   \$24.43     22-2052   Special educateors, kindergarten/ elem   1/ Bachelor's   None   None   \$23.65   \$29.81   \$31.33   \$39.01   \$48.25     22-2053   Special educateors, secondary school   1/ Bachelor's   None   None   \$23.65   \$29.81   \$37.15   \$39.79   \$48.40     22-2053   Special educateors, secondary school   1/ Bachelor's   None   None   \$23.62   \$29.52   \$31.55   \$43.99   \$48.46     23-9045   Teaching assts., except postsecondary   Some college   None   None   \$47.26   \$58.40   \$61.87   \$73.31   \$78.54     29-1051   Pharmacists   Doctoral/ prof.   None   None   \$47.26   \$58.40   \$61.87   \$73.31   \$78.54     29-1171   Nurse practitioners   Bachelor's   None   None   \$47.41   \$48.88   \$82.40   \$62.54   \$77.54     29-1215   Family medicine physicians   Doctoral/ prof.   None   Intern/ resident   \$49.48   \$74.25   \$97.21   1/ 1/ 29-1216   General internal medicine physicians   Doctoral/ prof.   None   Intern/ resident   \$49.48   \$74.25   \$97.21   1/ 1/ 29-1216   General internal medicine physicians   Doctoral/ prof.   None   Intern/ resident   \$84.00   \$14.03   \$14.08   \$14.13   \$17.70   \$18.74     29-2053   Psychiatrist   Doctoral/ prof.   None   Intern/ res									
21-1023 Mental health/ sub. abuse social work   Master's   None   Intern/ resident   \$18.77   \$22.70   \$28.55   \$30.52   \$38.36   \$21-1091   Health education specialist   Bachelor's   None   None   \$18.48   \$22.69   \$23.86   \$30.98   \$39.06   \$21-1093   Social and human service assistants   High School   None   Short-term OTJ   \$14.64   \$17.59   \$18.33   \$21.64   \$23.15   \$21-1094   Community health workers   High School   None   Short-term OTJ   \$17.74   \$18.62   \$23.11   \$28.33   \$30.76   \$25-2051   Special education teachers, preschool I/   Bachelor's   None   None   \$18.39   \$18.64   \$19.53   \$24.43   \$24.43   \$25-2052   Special education teachers, kindergarten/ clem. I/   Bachelor's   None   None   \$23.66   \$29.81   \$31.33   \$39.01   \$48.22   \$25-2057   Special educateachers, kindergarten/ clem. I/   Bachelor's   None   None   \$23.60   \$29.84   \$31.31   \$39.79   \$48.70   \$25-2058   Special educateachers, kindergarten/ clem. I/   Bachelor's   None   None   \$23.60   \$29.84   \$31.31   \$39.79   \$48.70   \$25-2058   Special educateachers, secondary school I/   Bachelor's   None   None   \$23.60   \$29.84   \$31.31   \$39.79   \$48.70   \$25-2058   Special educateachers, secondary school I/   Bachelor's   None   None   \$23.60   \$29.84   \$31.31   \$39.79   \$48.70   \$25-2058   Special educateachers, secondary school I/   Bachelor's   None   None   \$23.60   \$29.84   \$31.31   \$39.79   \$48.70   \$25-2058   Special educateachers, secondary school I/   Bachelor's   None   None   \$47.26   \$28.84   \$51.85   \$23.79   \$24.70   \$29.1051   Pharmacists   Doctoral/ prof.   None   None   \$47.26   \$88.40   \$61.87   \$37.31   \$37.85   \$49.00   \$18.01   \$18.25   \$29.21   \$19.1071   Physician assistants   Master's   None   None   \$47.41   \$48.88   \$58.40   \$61.87   \$37.31   \$39.79   \$19.21	•								
21-1091 Health education specialist   Bachelor's   None   None   S18-48   \$22.69   \$23.86   \$30.98   \$39.06   \$21-1093   Social and human service assistants   High School   None   Short-term OTJ   \$14.64   \$17.59   \$18.33   \$21.64   \$23.15   \$21.1094   Community health workers   High School   None   Short-term OTJ   \$17.74   \$18.62   \$23.11   \$28.33   \$30.76   \$25.2051   Special education teachers, preschool 1/   Bachelor's   None   None   \$18.39   \$18.64   \$19.53   \$24.34   \$24.43   \$25.2052   Special education teachers, kindergarten' elem. 1/   Bachelor's   None   None   None   \$23.68   \$29.84   \$31.13   \$39.01   \$48.22   \$25.2057   Special education, kindergarten' elem. 1/   Bachelor's   None   None   \$23.60   \$29.84   \$31.11   \$39.79   \$48.70   \$25.2058   Special education, kindergarten' elem. 1/   Bachelor's   None   None   \$23.60   \$29.84   \$31.11   \$39.79   \$48.70   \$25.2058   Special education, kindergarten' elem. 1/   Bachelor's   None   None   \$23.60   \$29.85   \$31.33   \$39.01   \$48.22   \$25.2057   Special education, kindergarten' elem. 1/   Bachelor's   None   None   \$23.60   \$29.85   \$31.31   \$39.79   \$48.70   \$29.015   \$29.015   Paramacists   Doctoral/ prof.   None   None   \$32.60   \$32.62   \$29.52   \$31.55   \$34.99   \$34.84   \$29.1051   Pharmacists   Doctoral/ prof.   None   None   \$47.41   \$48.88   \$58.40   \$61.87   \$73.14   \$29.1171   Nurse practitioners   Master's   None   None   \$47.41   \$48.88   \$58.40   \$61.87   \$73.14   \$29.1171   Nurse practitioners   Master's   None   None   \$44.11   \$48.88   \$58.40   \$61.87   \$74.54   \$29.1171   Paramacists   Doctoral/ prof.   None   Intern/ resident   \$49.48   \$74.25   \$97.21   I/   I/   \$29.1216   General internal medicine physicians   Doctoral/ prof.   None   Intern/ resident   \$49.48   \$74.25   \$97.21   I/   I/   \$29.223   Psychiatrist   technicians   Doctoral/ prof.   None   Intern/ resident   \$84.02   I/   I/   I/   \$1.70   \$18.74   \$29.2061   Lic. practical and lic. vocational nurses   Postsec. award   None   Short-term OTJ   \$13.65   \$13.94   \$									
21-1093 Social and human service assistants									
21-1094 Community health workers	21-1091 Health education specialist	Bachelor's	None	None	\$18.48	\$22.69	\$23.86	\$30.98	\$39.06
Special education teachers, preschool I	21-1093 Social and human service assistants	High School	None	Short-term OTJ	\$14.64	\$17.59	\$18.33	\$21.64	\$23.15
25-2052 Special ed. teachers, kindergarten/ elem. 1/         Bachelor's         None         None         \$23.68         \$29.81         \$31.33         \$39.01         \$48.22           25-2057 Special ed. teachers, middle school 1/         Bachelor's         None         None         \$23.60         \$29.84         \$37.11         \$39.79         \$48.70           25-2058 Special ed. teachers, secondary school 1/         Bachelor's         None         None         \$23.62         \$29.52         \$31.55         \$43.99         \$48.46           25-9045 Teaching assits., except postsecondary 1/         Some college         None         None         None         \$18.01         \$18.25         \$22.81         \$23.79         \$29.01           29-1051 Pharmacists         Doctoral/ prof.         None         None         None         \$64.72         \$58.40         \$61.87         \$73.31         \$78.54           29-1071 Physician assistants         Master's         None         None         \$47.41         \$48.88         \$58.40         \$62.54         \$77.54           29-1141 Registered nurses         Bachelor's         None         None         \$46.17         \$48.19         \$57.48         \$61.87         \$64.98           29-1215 Family medicine physicians         Doctoral/ prof.         None	21-1094 Community health workers	High School	None	Short-term OTJ	\$17.74	\$18.62	\$23.11	\$28.33	\$30.76
25-2057 Special ed. teachers, middle school 1/         Bachelor's         None         None         \$23.60         \$29.84         \$37.11         \$39.79         \$48.70           25-2058 Special ed. teachers, secondary school 1/         Bachelor's         None         None         \$23.62         \$29.52         \$31.55         \$43.99         \$48.46           25-9045 Teaching assts., except postsecondary 1/         Some college         None         None         None         \$18.01         \$18.25         \$22.81         \$23.79         \$29.01           29-1051 Pharmacists         Doctoral/ prof.         None         None         None         \$47.26         \$58.40         \$61.87         \$73.31         \$78.54           29-1071 Physician assistants         Master's         None         None         \$48.88         \$58.40         \$62.54         \$77.54           29-1141 Registered nurses         Bachelor's         None         None         None         \$48.19         \$57.48         \$61.87         \$64.98           29-1215 Family medicine physicians         Doctoral/ prof.         None         Intern/ resident         \$49.48         \$74.25         \$97.21         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/ <t< td=""><td>25-2051 Special education teachers, preschool 1/</td><td>Bachelor's</td><td>None</td><td>None</td><td>\$18.39</td><td>\$18.64</td><td>\$19.53</td><td>\$24.34</td><td>\$24.43</td></t<>	25-2051 Special education teachers, preschool 1/	Bachelor's	None	None	\$18.39	\$18.64	\$19.53	\$24.34	\$24.43
25-2058 Special ed. teachers, secondary school 1/ Sachelor's None None \$23.62 \$29.52 \$31.55 \$43.99 \$48.46 \$25-9045 Teaching assts., except postsecondary 1/ Some college None None \$18.01 \$18.25 \$22.81 \$23.79 \$29.01 \$29-1051 Pharmacists Doctoral/ prof. None None \$47.26 \$58.40 \$61.87 \$73.31 \$78.54 \$29-1071 Physician assistants Master's None None \$47.41 \$48.88 \$58.40 \$62.54 \$77.54 \$29-1141 Registered nurses Bachelor's None None \$28.68 \$29.49 \$36.08 \$37.82 \$47.49 \$29-1171 Nurse practitioners Master's None None None \$46.17 \$48.19 \$57.48 \$61.87 \$64.98 \$29-1215 Family medicine physicians Doctoral/ prof. None Intern/ resident \$49.48 \$74.25 \$97.21 \$1/ \$1/ \$29-1223 Psychiatrist Doctoral/ prof. None Intern/ resident \$84.02 \$1/ \$1/ \$1/ \$1/ \$29-2053 Psychiatric technicians Postsec. award Under 5 yrs. Short-term OTJ \$14.03 \$14.08 \$14.13 \$17.70 \$18.74 \$29-2061 Lic. practical and lic. vocational nurses Postsec. award None None \$13.99 \$14.24 \$17.33 \$17.28 \$18.03 \$11-1131 Nursing assistants Postsec. award None None Short-term OTJ \$14.47 \$14.58 \$17.96 \$20.30 \$23.02 \$11-120 Home health and personal care aides High School None Short-term OTJ \$14.47 \$14.58 \$17.96 \$20.30 \$23.02 \$11-120 First-line supervisors of pers. svc. workers Not pub. Not pub. Not pub. \$14.44 \$17.55 \$18.40 \$21.89 \$23.36 \$23.89 \$29.02 \$12.24 \$12.25 \$13.25 \$1	25-2052 Special ed. teachers, kindergarten/ elem. 1/	Bachelor's	None	None	\$23.68	\$29.81	\$31.33	\$39.01	\$48.22
25-9045 Teaching assts., except postsecondary 1/         Some college         None         None         \$18.01         \$18.25         \$22.81         \$23.79         \$29.01           29-1051 Pharmacists         Doctoral/ prof.         None         None         None         \$47.26         \$58.40         \$61.87         \$73.31         \$78.54           29-1071 Physician assistants         Master's         None         None         None         \$47.41         \$48.88         \$58.40         \$62.54         \$77.54           29-1141 Registered nurses         Bachelor's         None         None         None         \$28.68         \$29.49         \$36.08         \$37.82         \$47.49           29-1171 Nurse practitioners         Master's         None         None         \$46.17         \$48.19         \$57.48         \$61.87         \$64.98           29-1215 Family medicine physicians         Doctoral/ prof.         None         Intern/ resident         \$49.48         \$74.25         \$97.21         1/	25-2057 Special ed. teachers, middle school 1/	Bachelor's	None	None	\$23.60	\$29.84	\$37.11	\$39.79	\$48.70
29-1051 Pharmacists         Doctoral/ prof.         None         None         \$47.26         \$58.40         \$61.87         \$73.31         \$78.54           29-1071 Physician assistants         Master's         None         None         \$47.41         \$48.88         \$58.40         \$62.54         \$77.54           29-1141 Registered nurses         Bachelor's         None         None         None         \$28.68         \$29.49         \$36.08         \$37.82         \$47.49           29-1171 Nurse practitioners         Master's         None         None         \$46.17         \$48.19         \$57.48         \$61.87         \$64.98           29-1215 Family medicine physicians         Doctoral/ prof.         None         Intern/ resident         \$49.48         \$74.25         \$97.21         1 /         1/           29-1216 General internal medicine physicians         Doctoral/ prof.         None         Intern/ resident         \$58.73         \$94.00         1/         1/         1/           29-1223 Psychiatrist         Doctoral/ prof.         None         Intern/ resident         \$84.02         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/         1/<	25-2058 Special ed. teachers, secondary school 1/	Bachelor's	None	None	\$23.62	\$29.52	\$31.55	\$43.99	\$48.46
29-1071 Physician assistants	25-9045 Teaching assts., except postsecondary 1/	Some college	None	None	\$18.01	\$18.25	\$22.81	\$23.79	\$29.01
29-1141         Registered nurses         Bachelor's         None         None         None         \$28.68         \$29.49         \$36.08         \$37.82         \$47.49           29-1171         Nurse practitioners         Master's         None         None         \$46.17         \$48.19         \$57.48         \$61.87         \$64.98           29-1215         Family medicine physicians         Doctoral/ prof.         None         Intern/ resident         \$49.48         \$74.25         \$97.21         1/         1/           29-1216         General internal medicine physicians         Doctoral/ prof.         None         Intern/ resident         \$58.73         \$94.00         1/	29-1051 Pharmacists	Doctoral/ prof.	None	None	\$47.26	\$58.40	\$61.87	\$73.31	\$78.54
29-1171 Nurse practitioners         Master's         None         None         \$46.17         \$48.19         \$57.48         \$61.87         \$64.98           29-1215 Family medicine physicians         Doctoral/ prof.         None         Intern/ resident         \$49.48         \$74.25         \$97.21         1/         1/           29-1216 General internal medicine physicians         Doctoral/ prof.         None         Intern/ resident         \$58.73         \$94.00         1/         1/         1/           29-1223 Psychiatrist         Doctoral/ prof.         None         Intern/ resident         \$84.02         1/         1/         1/         1/         1/           29-2053 Psychiatric technicians         Postsec. award         Under 5 yrs.         Short-term OTJ         \$14.03         \$14.08         \$14.13         \$17.70         \$18.74           29-2061 Lic. practical and lic. vocational nurses         Postsec. award         None         None         \$17.80         \$22.41         \$23.03         \$28.28         \$29.56           31-1120 Home health and personal care aides         High School         None         Short-term OTJ         \$13.65         \$13.94         \$14.28         \$17.23         \$18.03           31-1133 Psychiatric aides         High School         None         Short-te	29-1071 Physician assistants	Master's	None	None	\$47.41	\$48.88	\$58.40	\$62.54	\$77.54
29-1215 Family medicine physicians  Doctoral/ prof. None Intern/ resident  29-1216 General internal medicine physicians  Doctoral/ prof. None Intern/ resident  S58.73 \$94.00 1/ 1/ 1/  1/  29-1223 Psychiatrist  Doctoral/ prof. None Intern/ resident  S58.73 \$94.00 1/ 1/ 1/  1/  29-2053 Psychiatrist  Doctoral/ prof. None Intern/ resident  S84.02 1/ 1/ 1/ 1/  1/  29-2053 Psychiatric technicians  Postsec. award Under 5 yrs. Short-term OTJ \$14.03 \$14.08 \$14.13 \$17.70 \$18.74  29-2061 Lic. practical and lic. vocational nurses  Postsec. award None None \$17.80 \$22.41 \$23.03 \$28.28 \$29.56  31-1120 Home health and personal care aides  High School None Short-term OTJ \$13.65 \$13.94 \$14.28 \$17.23 \$18.03  31-1131 Nursing assistants  Postsec. award None None \$13.99 \$14.24 \$17.33 \$17.86 \$18.63  31-1133 Psychiatric aides  High School None Short-term OTJ \$14.47 \$14.58 \$17.96 \$20.30 \$23.02  31-9092 Medical assistants  Postsec. award None None \$14.43 \$17.61 \$18.20 \$21.77 \$23.03  39-1022 First-line supervisors of pers. svc. workers  Not pub. Not pub. Not pub. Short-term OTJ \$12.51 \$13.82 \$14.35 \$17.98 \$22.39	29-1141 Registered nurses	Bachelor's	None	None	\$28.68	\$29.49	\$36.08	\$37.82	\$47.49
29-1216 General internal medicine physicians Doctoral/ prof. None Intern/ resident \$58.73 \$94.00 1/ 1/ 1/ 29-1223 Psychiatrist Doctoral/ prof. None Intern/ resident \$84.02 1/ 1/ 1/ 1/ 1/ 29-2053 Psychiatric technicians Postsec. award Under 5 yrs. Short-term OTJ \$14.03 \$14.08 \$14.13 \$17.70 \$18.74 29-2061 Lic. practical and lic. vocational nurses Postsec. award None None \$17.80 \$22.41 \$23.03 \$28.28 \$29.56 31-1120 Home health and personal care aides High School None Short-term OTJ \$13.65 \$13.94 \$14.28 \$17.23 \$18.03 31-1131 Nursing assistants Postsec. award None None \$13.99 \$14.24 \$17.33 \$17.86 \$18.63 31-1133 Psychiatric aides High School None Short-term OTJ \$14.47 \$14.58 \$17.96 \$20.30 \$23.02 31-9092 Medical assistants Postsec. award None None \$14.43 \$17.61 \$18.20 \$21.77 \$23.03 39-1022 First-line supervisors of pers. svc. workers Not pub. Not pub. Not pub. Short-term OTJ \$12.51 \$13.82 \$14.35 \$17.98 \$22.39	29-1171 Nurse practitioners	Master's	None	None	\$46.17	\$48.19	\$57.48	\$61.87	\$64.98
29-1223 Psychiatrist         Doctoral/ prof.         None         Intern/ resident         \$84.02         1/         1/         1/         1/         1/           29-2053 Psychiatric technicians         Postsec. award         Under 5 yrs.         Short-term OTJ         \$14.03         \$14.08         \$14.13         \$17.70         \$18.74           29-2061 Lic. practical and lic. vocational nurses         Postsec. award         None         None         \$17.80         \$22.41         \$23.03         \$28.28         \$29.56           31-1120 Home health and personal care aides         High School         None         Short-term OTJ         \$13.65         \$13.94         \$14.28         \$17.23         \$18.03           31-1131 Nursing assistants         Postsec. award         None         None         \$13.99         \$14.24         \$17.33         \$17.86         \$18.63           31-9092 Medical assistants         High School         None         Short-term OTJ         \$14.47         \$14.58         \$17.96         \$20.30         \$23.02           39-1022 First-line supervisors of pers. svc. workers         Not pub.         Not pub.         Not pub.         Not pub.         \$14.44         \$17.55         \$18.40         \$21.89         \$23.36           39-9032 Recreation workers         High School	29-1215 Family medicine physicians	Doctoral/ prof.	None	Intern/ resident	\$49.48	\$74.25	\$97.21	1/	1/
29-2053 Psychiatric technicians  Postsec. award Under 5 yrs. Short-term OTJ \$14.03 \$14.08 \$14.13 \$17.70 \$18.74 29-2061 Lic. practical and lic. vocational nurses Postsec. award None None \$17.80 \$22.41 \$23.03 \$28.28 \$29.56 31-1120 Home health and personal care aides High School None Short-term OTJ \$13.65 \$13.94 \$14.28 \$17.23 \$18.03 31-1131 Nursing assistants Postsec. award None None \$13.99 \$14.24 \$17.33 \$17.86 \$18.63 31-1133 Psychiatric aides High School None Short-term OTJ \$14.47 \$14.58 \$17.96 \$20.30 \$23.02 31-9092 Medical assistants Postsec. award None None \$14.43 \$17.61 \$18.20 \$21.77 \$23.03 39-1022 First-line supervisors of pers. svc. workers Not pub. Not pub. Not pub. \$14.44 \$17.55 \$18.40 \$21.89 \$23.36 39-9032 Recreation workers High School None Short-term OTJ \$12.51 \$13.82 \$14.35 \$17.98 \$22.39	29-1216 General internal medicine physicians	Doctoral/ prof.	None	Intern/ resident	\$58.73	\$94.00	1/	1/	1/
29-2061 Lic. practical and lic. vocational nurses       Postsec. award       None       None       \$17.80       \$22.41       \$23.03       \$28.28       \$29.56         31-1120 Home health and personal care aides       High School       None       Short-term OTJ       \$13.65       \$13.94       \$14.28       \$17.23       \$18.03         31-1131 Nursing assistants       Postsec. award       None       None       \$13.99       \$14.24       \$17.33       \$17.86       \$18.63         31-1133 Psychiatric aides       High School       None       Short-term OTJ       \$14.47       \$14.58       \$17.96       \$20.30       \$23.02         31-9092 Medical assistants       Postsec. award       None       None       None       \$14.43       \$17.61       \$18.20       \$21.77       \$23.03         39-1022 First-line supervisors of pers. svc. workers       Not pub.       Not pub.       Not pub.       \$14.44       \$17.55       \$18.40       \$21.89       \$23.36         39-9032 Recreation workers       High School       None       Short-term OTJ       \$12.51       \$13.82       \$14.35       \$17.98       \$22.39	29-1223 Psychiatrist	Doctoral/ prof.	None	Intern/ resident	\$84.02	1/	1/	1/	1/
31-1120 Home health and personal care aides       High School       None       Short-term OTJ       \$13.65       \$13.94       \$14.28       \$17.23       \$18.03         31-1131 Nursing assistants       Postsec. award       None       None       \$13.99       \$14.24       \$17.33       \$17.86       \$18.63         31-1133 Psychiatric aides       High School       None       Short-term OTJ       \$14.47       \$14.58       \$17.96       \$20.30       \$23.02         31-9092 Medical assistants       Postsec. award       None       None       \$14.43       \$17.61       \$18.20       \$21.77       \$23.03         39-1022 First-line supervisors of pers. svc. workers       Not pub.       Not pub.       Not pub.       \$14.44       \$17.55       \$18.40       \$21.89       \$23.36         39-9032 Recreation workers       High School       None       Short-term OTJ       \$12.51       \$13.82       \$14.35       \$17.98       \$22.39	29-2053 Psychiatric technicians	Postsec. award	Under 5 yrs.	Short-term OTJ	\$14.03	\$14.08	\$14.13	\$17.70	\$18.74
31-1131 Nursing assistants         Postsec. award         None         None         \$13.99         \$14.24         \$17.33         \$17.86         \$18.63           31-1133 Psychiatric aides         High School         None         Short-term OTJ         \$14.47         \$14.58         \$17.96         \$20.30         \$23.02           31-9092 Medical assistants         Postsec. award         None         None         \$14.43         \$17.61         \$18.20         \$21.77         \$23.03           39-1022 First-line supervisors of pers. svc. workers         Not pub.         Not pub.         \$14.44         \$17.55         \$18.40         \$21.89         \$23.36           39-9032 Recreation workers         High School         None         Short-term OTJ         \$12.51         \$13.82         \$14.35         \$17.98         \$22.39	29-2061 Lic. practical and lic. vocational nurses	Postsec. award	None	None	\$17.80	\$22.41	\$23.03	\$28.28	\$29.56
31-1133 Psychiatric aides       High School       None       Short-term OTJ       \$14.47       \$14.58       \$17.96       \$20.30       \$23.02         31-9092 Medical assistants       Postsec. award       None       None       \$14.43       \$17.61       \$18.20       \$21.77       \$23.03         39-1022 First-line supervisors of pers. svc. workers       Not pub.       Not pub.       Not pub.       \$14.44       \$17.55       \$18.40       \$21.89       \$23.36         39-9032 Recreation workers       High School       None       Short-term OTJ       \$12.51       \$13.82       \$14.35       \$17.98       \$22.39	31-1120 Home health and personal care aides	High School	None	Short-term OTJ	\$13.65	\$13.94	\$14.28	\$17.23	\$18.03
31-9092 Medical assistants       Postsec. award       None       None       \$14.43       \$17.61       \$18.20       \$21.77       \$23.03         39-1022 First-line supervisors of pers. svc. workers       Not pub.       Not pub.       Not pub.       \$14.44       \$17.55       \$18.40       \$21.89       \$23.36         39-9032 Recreation workers       High School       None       Short-term OTJ       \$12.51       \$13.82       \$14.35       \$17.98       \$22.39	31-1131 Nursing assistants	Postsec. award	None	None	\$13.99	\$14.24	\$17.33	\$17.86	\$18.63
31-9092 Medical assistants       Postsec. award       None       None       \$14.43       \$17.61       \$18.20       \$21.77       \$23.03         39-1022 First-line supervisors of pers. svc. workers       Not pub.       Not pub.       Not pub.       \$14.44       \$17.55       \$18.40       \$21.89       \$23.36         39-9032 Recreation workers       High School       None       Short-term OTJ       \$12.51       \$13.82       \$14.35       \$17.98       \$22.39		High School	None	Short-term OTJ	\$14.47	\$14.58	\$17.96	\$20.30	\$23.02
39-1022 First-line supervisors of pers. svc. workers       Not pub.       Not pub.       \$14.44       \$17.55       \$18.40       \$21.89       \$23.36         39-9032 Recreation workers       High School       None       Short-term OTJ       \$12.51       \$13.82       \$14.35       \$17.98       \$22.39	•	_	None	None					
39-9032 Recreation workers High School None Short-term OTJ \$12.51 \$13.82 \$14.35 \$17.98 \$22.39									
	• •	1	•	-					
	39-9041 Residential advisors	High School	None	Short-term OTJ	\$12.22	\$13.62	\$15.15		\$29.70

1/ The BLS does not publish wages that exceed \$100 per hour (\$208,000 per year).

# Review of Provider Rates for Behavioral Health and Targeted Case Management Services Draft Rate Models prepared for Maine Department of Health and Human Services

### Appendix A: Wage Assumptions Wage Inflation Factor Determination

#### Adjustment for Wage Inflation 1

BLS Dataset Month	May-21
# of Months from May 2021 to May 2022	12
Assumed Wage Inflation for May 2021 to May 2022	9.00%
# of Months from May 2022 to July 2023	14
Assumed Annual Wage Inflation for May 2022 to July 2023	3.60%
Total Inflation Factor	13.59%

<sup>&</sup>lt;sup>1</sup>Inflation amounts based on one-year (2020 - 2021) and ten-year (2011 - 2021) compound annual growth rate for net earnings in Maine; Source Bureau of Economic Analysis: https://apps.bea.gov/regional/bearfacts/action.cfm

#### Review of Provider Rates for Behavioral Health and Targeted Case Management Services **Draft Rate Models** prepared for Maine Department of Health and Human Services

### Appendix A: Wage Assumptions

### **BLS Wage Data With Inflation Adjustments**

BLS Code and Title	Typical Education	Typical Work	Typical On-The- Job Training	Bureau of Labor Statistics Wages (May 2021 with Inflation Adjustment)					
	Requirement	Experience	To Attain	10th	25th	50th	75th	90th	
	requirement	Laperience	Competency	%-ile	%-ile	%-ile	%-ile	%-ile	
11-9151 Social and community service managers	Bachelor's	Under 5 yrs.	None	\$25.44	\$26.90	\$33.45	\$41.41	\$46.96	
19-3033 Clinical and counseling psychologists	Not pub.	Not pub.	Not pub.	\$31.14	\$35.03	\$41.32	\$57.77	\$86.90	
19-3034 School psychologist	Not pub.	Not pub.	Not pub.	\$33.90	\$39.45	\$42.72	\$44.99	\$56.57	
21-1012 Educational/voc./school counselors	Master's	None	None	\$20.99	\$25.69	\$27.44	\$34.66	\$42.79	
21-1015 Rehabilitation counselors	Master's	None	None	\$19.98	\$21.22	\$26.59	\$33.77	\$0.00	
21-1018 Subs. use/ behav. disorder/ mntl. hlth couns.	Bachelor's	None	None	\$16.85	\$24.56	\$26.74	\$35.71	\$54.64	
21-1021 Child/ family/ school social workers	Bachelor's	None	None	\$25.82	\$28.69	\$32.23	\$34.37	\$43.04	
21-1022 Healthcare social workers	Master's	None	Intern/ resident	\$25.90	\$26.78	\$33.26	\$34.70	\$42.41	
21-1023 Mental health/ sub. abuse social work	Master's	None	Intern/ resident	\$21.32	\$25.78	\$32.43	\$34.67	\$43.57	
21-1091 Health education specialist	Bachelor's	None	None	\$20.99	\$25.77	\$27.10	\$35.19	\$44.37	
21-1093 Social and human service assistants	High School	None	Short-term OTJ	\$16.63	\$19.98	\$20.82	\$24.58	\$26.30	
21-1094 Community health workers	High School	None	Short-term OTJ	\$20.15	\$21.15	\$26.25	\$32.18	\$34.94	
25-2051 Special education teachers, preschool 1/	Bachelor's	None	None	\$20.89	\$21.17	\$22.19	\$27.64	\$27.75	
25-2052 Special ed. teachers, kindergarten/ elem. 1/	Bachelor's	None	None	\$26.90	\$33.86	\$35.59	\$44.31	\$54.77	
25-2057 Special ed. teachers, middle school 1/	Bachelor's	None	None	\$26.81	\$33.89	\$42.15	\$45.20	\$55.32	
25-2058 Special ed. teachers, secondary school 1/	Bachelor's	None	None	\$26.83	\$33.53	\$35.84	\$49.97	\$55.05	
25-9045 Teaching assts., except postsecondary 1/	Some college	None	None	\$20.46	\$20.73	\$25.91	\$27.02	\$32.95	
29-1051 Pharmacists	Doctoral/ prof.	None	None	\$53.68	\$66.34	\$70.28	\$83.27	\$89.21	
29-1071 Physician assistants	Master's	None	None	\$53.85	\$55.52	\$66.34	\$71.04	\$88.08	
29-1141 Registered nurses	Bachelor's	None	None	\$32.58	\$33.50	\$40.98	\$42.96	\$53.94	
29-1171 Nurse practitioners	Master's	None	None	\$52.44	\$54.74	\$65.29	\$70.28	\$73.81	
29-1215 Family medicine physicians	Doctoral/ prof.	None	Intern/ resident	\$56.20	\$84.34	\$110.42	1/	1/	
29-1216 General internal medicine physicians	Doctoral/ prof.	None	Intern/ resident	\$66.71	\$106.77	1/	1/	1/	
29-1223 Psychiatrist	Doctoral/ prof.	None	Intern/ resident	\$95.44	1/	1/	1/	1/	
29-2053 Psychiatric technicians	Postsec. award	Under 5 yrs.	Short-term OTJ	\$15.94	\$15.99	\$16.05	\$20.11	\$21.29	
29-2061 Lic. practical and lic. vocational nurses	Postsec. award	None	None	\$20.22	\$25.46	\$26.16	\$32.12	\$33.58	
31-1120 Home health and personal care aides	High School	None	Short-term OTJ	\$15.51	\$15.83	\$16.22	\$19.57	\$20.48	
31-1131 Nursing assistants	Postsec. award	None	None	\$15.89	\$16.18	\$19.69	\$20.29	\$21.16	
31-1133 Psychiatric aides	High School	None	Short-term OTJ	\$16.44	\$16.56	\$20.40	\$23.06	\$26.15	
31-9092 Medical assistants	Postsec. award	None	None	\$16.39	\$20.00	\$20.67	\$24.73	\$26.16	
39-1022 First-line supervisors of pers. svc. workers	Not pub.	Not pub.	Not pub.	\$16.40	\$19.94	\$20.90	\$24.86	\$26.53	
39-9032 Recreation workers	High School	None	Short-term OTJ	\$14.21	\$15.70	\$16.30	\$20.42	\$25.43	
39-9041 Residential advisors	High School	None	Short-term OTJ	\$13.88	\$16.21	\$17.21	\$25.04	\$33.74	

<sup>1/</sup> The BLS does not publish wages that exceed \$100 per hour (\$208,000 per year).

#### prepared for Maine Department of Health and Human Services

**Appendix A: Wage Assumptions** Development of Job Requirements (Using BLS Job Codes) by Service

		ciopinen	. 01 000 1		(00	g 220 0		-, -,	
	Children's Behavioral Health Day Treatment, BHP - School	Children's Behavioral Health Day Treatment, Master's - School	Children's Behavioral Health Day Treatment, BCBA	Outpatient Therapy (Psychologist/ Psychiatrist)	Outpatient Therapy (LCSW/ LCPC/ LMFT/ APRN)	Outpatient Therapy (LADC)	Outpatient Therapy (CADC)	Medication Management (Physician)	Medication Management (Physician Asst./ Nurse Prac.)
BLS Code and Title									
11-9151 Social and community service managers									
19-3033 Clinical and counseling psychologists			100%	100%					
19-3034 School psychologist									
21-1012 Educational/voc./ school counselors									
21-1015 Rehabilitation counselors									
21-1018 Subs. use/ behav. disorder/ mntl. hlth couns.	40%	50%				100%	50%		
21-1021 Child/ family/ school social workers									
21-1022 Healthcare social workers									
21-1023 Mental health/ sub. abuse social work					100%				
21-1091 Health education specialist									
21-1093 Social and human service assistants									
21-1094 Community health workers	40%								
25-2051 Special education teachers, preschool									
25-2052 Special ed. teachers, kindergarten/ elementary		50%							
25-2057 Special education teachers, middle school									
25-2058 Special education teachers, secondary school									
25-9045 Teaching assistants, except postsecondary									
29-1051 Pharmacists									
29-1071 Physician assistants									100%
29-1141 Registered nurses									
29-1171 Nurse practitioners									
29-1215 Family medicine physicians									
29-1216 General internal medicine physicians									
29-1223 Psychiatrist								100%	
29-2053 Psychiatric technicians	20%							10070	
29-2061 Lic. practical and lic. vocational nurses	2070								
31-1120 Home health and personal care aides									
31-1131 Nursing assistants									
31-1131 Nursing assistants 31-1133 Psychiatric aides							50%		
							3070		
31-9092 Medical assistants									
39-1022 First-line supervisors of pers. svc. workers									
39-9032 Recreation workers									
39-9041 Residential advisors	1000	1000	10001	10001	10001	40001	10001	40601	10001
	100%	100%	100%	100%	100%	100%	100%	100%	100%

### prepared for Maine Department of Health and Human Services

Appendix A: Wage Assumptions
Development of Job Requirements (Using BLS Job Codes) by Service

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	Neuropsychological and Psychological Testing (Physician/Psychologist)	Neuropsychological and Psychological Testing (Psych. Examiner)	Adaptive Assessments	Specialized Group Service (Peer Support)	Specialized Group Service (Other Quailified)	Multisystemic Therapy - Clinician	Multisystemic Therapy - Supervisor	Multisystemic Therapy - Problem Sexualized Behavior - Clinician	Multisystemic Therapy - Problem Sexualized Behavior - Supervisor
BLS Code and Title 11-9151 Social and community service managers									
19-3033 Clinical and counseling psychologists	100%								
	100%								
19-3034 School psychologist 21-1012 Educational/voc./ school counselors									
21-1012 Educational/ voc./ school counselors 21-1015 Rehabilitation counselors									
		100%							
21-1018 Subs. use/ behav. disorder/ mntl. hlth couns. 21-1021 Child/ family/ school social workers		100%							
21-1022 Healthcare social workers									
21-1023 Mental health/ sub. abuse social work			100%			100%	100%	100%	100%
21-1091 Health education specialist									
21-1093 Social and human service assistants									
21-1094 Community health workers									
25-2051 Special education teachers, preschool									
25-2052 Special ed. teachers, kindergarten/ elementary									
25-2057 Special education teachers, middle school									
25-2058 Special education teachers, secondary school									
25-9045 Teaching assistants, except postsecondary									
29-1051 Pharmacists									
29-1071 Physician assistants									
29-1141 Registered nurses									
29-1171 Nurse practitioners									
29-1215 Family medicine physicians									
29-1216 General internal medicine physicians									
29-1223 Psychiatrist									
29-2053 Psychiatric technicians									
29-2061 Lic. practical and lic. vocational nurses									
31-1120 Home health and personal care aides									
31-1131 Nursing assistants									
31-1133 Psychiatric aides				100%	100%				
31-9092 Medical assistants									
39-1022 First-line supervisors of pers. svc. workers									
39-9032 Recreation workers									
39-9041 Residential advisors									
	100%	100%	100%	100%	100%	100%	100%	100%	100%

# Review of Provider Rates for Behavioral Health and Targeted Case Management Services Draft Rate Models prepared for Maine Department of Health and Human Services

BLS Code and Title	Functional Family Therapy - Clinician	Functional Family Therapy - Supervisor	Trauma-Focused Cognitive Behavioral Therapy - Clinician	Trauma-Focused Cognitive Behavioral Therapy - Supervisor
11-9151 Social and community service managers				
19-3033 Clinical and counseling psychologists				
19-3034 School psychologist				
21-1012 Educational/ voc./ school counselors				
21-1015 Rehabilitation counselors				
21-1018 Subs. use/ behav. disorder/ mntl. hlth couns.				
21-1021 Child/ family/ school social workers				0
21-1022 Healthcare social workers				
21-1023 Mental health/ sub. abuse social work	100%	100%	100%	100%
21-1091 Health education specialist				0
21-1093 Social and human service assistants				
21-1094 Community health workers				
25-2051 Special education teachers, preschool				
25-2052 Special ed. teachers, kindergarten/ elementary				
25-2057 Special education teachers, middle school				
25-2058 Special education teachers, secondary school				
25-9045 Teaching assistants, except postsecondary				
29-1051 Pharmacists				
29-1071 Physician assistants				
29-1141 Registered nurses				
29-1171 Nurse practitioners				
29-1215 Family medicine physicians				
29-1216 General internal medicine physicians				
29-1223 Psychiatrist				
29-2053 Psychiatric technicians				
29-2061 Lic. practical and lic. vocational nurses				
31-1120 Home health and personal care aides				
31-1131 Nursing assistants				
31-1133 Psychiatric aides				
31-9092 Medical assistants				
39-1022 First-line supervisors of pers. svc. workers				
39-9032 Recreation workers				
39-9041 Residential advisors				
	100%	100%	100%	100%

#### prepared for Maine Department of Health and Human Services

### Appendix A: Wage Assumptions Rate Model Assumptions (Using Adjusted BLS Wage Data and Job Requirement Assumptions)

	Children's Behavioral Health Day Treatment, BHP - School	Children's Behavioral Health Day Treatment, Master's - School	Children's Behavioral Health Day Treatment, BCBA	Outpatient Therapy (Psychologist/ Psychiatrist)	Outpatient Therapy (LCSW/ LCPC/ LMFT/ APRN)	Outpatient Therapy (LADC)	Outpatient Therapy (CADC)	Medication Management (Physician)	Medication Management (Physician Asst./ Nurse Prac.)	Neuropsychological and Psychological Testing (Physician/Psychologist)	Neuropsychological and Psychological Testing (Psych. Examiner)	Adaptive Assessments	Specialized Group Services (Peer Support)	Specialized Group Services (Other Quailified)
Rate Model <sup>1</sup>														
10th %ile	\$17.99	\$21.87	\$31.14	\$31.14	\$21.32	\$16.85	\$16.64	\$95.44	\$53.85	\$31.14	\$16.85	\$21.32	\$16.44	\$16.44
25th %ile	\$21.48	\$29.21	\$35.03	\$35.03	\$25.78	\$24.56	\$20.56		\$55.52	\$35.03	\$24.56	\$25.78	\$16.56	\$16.56
50th %ile	\$24.41	\$31.16	\$41.32	\$41.32	\$32.43	\$26.74	\$23.57		\$66.34	\$41.32	\$26.74	\$32.43	\$20.40	\$20.40
75th %ile	\$31.18	\$40.01	\$57.77	\$57.77	\$34.67	\$35.71	\$29.39		\$71.04	\$57.77	\$35.71	\$34.67	\$23.06	\$23.06
90th %ile	\$40.09	\$54.70	\$86.90	\$86.90	\$43.57	\$54.64	\$40.39		\$88.08	\$86.90	\$54.64	\$43.57	\$26.15	\$26.15

<sup>1</sup>Rate model wage assumptions are bolded, and have been set at the BLS-reported median (50th percentile) hourly wage adjusted for wage growthbased on the assumed job requirements, with the following exceptions:

<sup>-</sup> The BLS does not publish wage percentiles that exceed \$100 per hour; the wage assumption for psychiatrists is therefore based on the reported mean wage (\$155.88 per hour before inflation)

<sup>-</sup> The wage assumption for supervisors in the FFT, MST, and TF-CBT rate models use the 75th percentile for the benchmark occupation

<sup>-</sup> Wage assumptions that fall under the required 125% of minimum wage will be moved to 125% of the January 2023 minimum wage

#### prepared for Maine Department of Health and Human Services

### Appendix A: Wage Assumptions Rate Model Assumptions (Using Adjusted BLS Wage Data and Job Requirement

Multisystemic Therapy - Clinician
Multisystemic Therapy - Supervisor
Multisystemic Therapy - Problem Sexualized Behavior - Clinician
Multisystemic Therapy - Problem Sexualized Behavior - Supervisor
Functional Family Therapy · Clinician
Functional Family Therapy · Supervisor
Trauma-Focused Cognitive Behavioral Therapy - Clinician
Trauma-Focused Cognitive Behavioral Therapy - Supervisor

#### Rate Model<sup>1</sup>

Tutte mouth								
10th %ile	\$21.32	\$21.32	\$21.32	\$21.32	\$21.32	\$21.32	\$21.32	\$21.32
25th %ile	\$25.78	\$25.78	\$25.78	\$25.78	\$25.78	\$25.78	\$25.78	\$25.78
50th %ile	\$32.43	\$32.43	\$32.43	\$32.43	\$32.43	\$32.43	\$32.43	\$32.43
75th %ile	\$34.67	\$34.67	\$34.67	\$34.67	\$34.67	\$34.67	\$34.67	\$34.67
90th %ile	\$43.57	\$43.57	\$43.57	\$43.57	\$43.57	\$43.57	\$43.57	\$43.57

<sup>1</sup>Rate model wage assumptions are bolded, and have been set at the BLS-reported median (50th percentile) hourly wage adjusted for wage growthbased on the assumed job requirements, with the following exceptions:

(\$155.88 per hour before inflation)

- The wage assumption for supervisors in the FFT, MST, and TF-CBT rate models use the 75th percentile for the benchmark occupation
- Wage assumptions that fall under the required 125% of minimum wage will be moved to 125% of the January 2023 minimum wage

<sup>-</sup> The BLS does not publish wage percentiles that exceed \$100 per hour; the wage assumption for psychiatrists is therefore based on the reported mean wage

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#### Appendix B: Benefits Assumptions to Establish Benefit Rates

	% of	% of Employees with			% of Employees Who  Receive ('Participation')				rticipating	<b>//</b>	ive Benefi	
	BLS	Access Rate 1	Model	Receive BLS		pation') Model	BLS	Employees	S Model	(Accoun BLS	ts for Part	icipation) Model
	Data <sup>1</sup>	Prof. Para-		Data <sup>1</sup>	Prof.	Para-	Data <sup>1</sup>	Prof.	Para-	Data <sup>1</sup>	Prof.	Para-
	Data		prof.	Data		prof.	Data		prof.	Bata		prof.
Mandatory Benefit	s											
FICA <sup>2</sup>											7.65%	7.65%
Federal UI <sup>3</sup>											0.60%	0.60%
State UI <sup>4</sup>											2.45%	2.45%
Workers' Comp.											3.00%	3.00%
Paid Time Off <sup>5</sup>												
Holidays	80%	100%	100%	80%	100%	100%	8.0	10.0	10.0	6.4	10.0	10.0
Vacation Leave	76%	1000/	1000/	76%	1000/	1000/	10.0	20.0	15.0	7.6	20.0	15.0
Sick Leave	85%	100%	100%	85%	100%	100%	6.0	20.0	15.0	5.1	20.0	15.0
Total							24.0	30.0	25.0	19.1	30.0	25.0
Health Insurance <sup>6</sup>												
Employee Only					42.4%	42.4%	\$507.89	\$525.00	\$525.00			
Employee + One					13.7%	13.7%		\$900.00	\$900.00			
Family					18.9%	18.9%	\$1,322.52	\$1,300.00	\$1,300.00			
Total	71%	100%	100%	47%	75.0%	75.0%					\$591.34	\$591.34
Other Benefits <sup>7</sup>												
		100%	100%		100%	100%		\$200.00	\$200.00		\$200.00	\$200.00

#### Notes

<sup>&</sup>lt;sup>1</sup>BLS' 2021 National Compensation Survey (https://www.bls.gov/ncs/ebs/benefits/2021/employee-benefits-in-the-united-states-march-2021.pdf); data reported is for private employers in the New England region.

<sup>&</sup>lt;sup>2</sup>Combined Social Security tax rate of 6.2% and Medicare tax rate of 1.45%

<sup>&</sup>lt;sup>3</sup>Applies to first \$7,000 in wages

<sup>&</sup>lt;sup>4</sup>Rate model assumption reflects the tax rate assessed to new employers (inclusive of the 0.07 percent Competitive Skills Scholarship Fund assessment and the 0.14 percent for the Unemployment Program Administrative Fund assessment) in 2022; tax applies to first \$12,000 in wages

<sup>&</sup>lt;sup>5</sup>BLS data for vacation and sick leave is based on national data for employees with 1-5 years of experience (average for those with 6-10 experience is 15 days of vacation and 6 days of sick leave)

<sup>&</sup>lt;sup>6</sup>In addition to BLS data, the U.S. DHHS' Medical Expenditure Panel Survey data for Maine was reviewed. The average premium across all employers in 2021 was \$639.75 with an employer share of \$505.33 for an employee-only plan (Tables II.C.1 and II.C.2), \$1,207.08 with an employer share of \$872.83 for an employee-plus-one plan (Tables II.E.1 and II.E.2), and \$1,802.50 with an employer share of \$1,257.50 for a family plan (Tables II.D.1 and II.D.2).

<sup>&</sup>lt;sup>7</sup>BLS provides information for a variety of other benefits that cannot be combined

#### prepared for Maine Department of Health and Human Services

#### Appendix B: Benefits Assumptions Benefit Rates by Wage Level

Hourly Wage	Annual Salary	Effective Benefit Rate - Model Assumptions <sup>1,2</sup> College Grad and Greater Other							
		w/ PTO	w/o PTO	w/ PTO	w/o PTO				
\$17	\$35,360	50.0%	38.5%	48.0%	38.5%				
\$18	\$37,440	48.4%	36.9%	46.5%	36.9%				
\$19	\$39,520	47.0%	35.5%	45.1%	35.5%				
\$20	\$41,600	45.8%	34.3%	43.9%	34.3%				
\$21	\$43,680	44.7%	33.2%	42.7%	33.2%				
\$22	\$45,760	43.6%	32.1%	41.7%	32.1%				
\$23	\$47,840	42.7%	31.2%	40.8%	31.2%				
\$24	\$49,920	41.9%	30.3%	39.9%	30.3%				
\$25	\$52,000	41.1%	29.6%	39.1%	29.6%				
\$26	\$54,080	40.3%	28.8%	38.4%	28.8%				
\$27	\$56,160	39.7%	28.2%	37.7%	28.2%				
\$28	\$58,240	39.0%	27.5%	37.1%	27.5%				
\$29	\$60,320	38.5%	26.9%	36.5%	26.9%				
\$30	\$62,400	37.9%	26.4%	36.0%	26.4%				
\$31	\$64,480	37.4%	25.9%	35.5%	25.9%				
\$32	\$66,560	36.9%	25.4%	35.0%	25.4%				
\$33	\$68,640	36.5%	25.0%	34.6%	25.0%				
\$34	\$70,720	36.1%	24.6%	34.1%	24.6%				
\$35	\$70,720	35.7%	24.2%	33.7%	24.2%				
\$36	\$74,880	35.3%	23.8%	33.4%	23.8%				
\$37	\$76,960	34.9%	23.4%	33.0%	23.4%				
\$38	\$79,040	34.6%	23.1%	32.7%	23.1%				
\$39	\$81,120	34.3%	22.8%	32.4%	22.8%				
\$40	\$83,200	34.0%	22.5%	32.1%	22.5%				
\$41	\$85,280	33.7%	22.2%	31.8%	22.2%				
\$42	\$87,360	33.4%	21.9%	31.5%	21.9%				
\$42 \$43	\$89,440	33.1%	21.6%	31.2%	21.9%				
\$43 \$44	\$91,520	32.9%	21.4%	31.0%	21.4%				
\$45	\$93,600	32.7%	21.4%	30.7%	21.4%				
\$45 \$46	(11111111111111111111111111111111111111	32.4%	20.9%	30.5%	20.9%				
	\$95,680		MIN						
\$47	\$97,760	32.2%	20.7%	30.3%	20.7%				
\$48	\$99,840	32.0%	20.5%	30.1%	20.5%				
\$49	\$101,920	31.8%	20.3%	29.9%	20.3%				
\$50	\$104,000	31.6%	20.1%	29.7%	20.1% 19.2%				
\$55	\$114,400	30.8%	19.2%	28.8%					
\$60	\$124,800	30.0%	18.5%	28.1%	18.5%				
\$65	\$135,200	29.4%	17.9%	27.5%	17.9%				
\$70	\$145,600	28.9%	17.4%	27.0%	17.4%				
\$75	\$156,000	28.5%	17.0%	26.5%	17.0%				
\$80	\$166,400	28.1%	16.6%	26.1%	16.6%				
\$85	\$176,800	27.7%	16.2%	25.8%	16.2%				
\$90	\$187,200	27.4%	15.9%	25.5%	15.9%				
\$95	\$197,600	27.1%	15.6%	25.2%	15.6%				
\$100	\$208,000	26.9%	15.4%	25.0%	15.4%				
\$105	\$218,400	26.7%	15.2%	24.7%	15.2%				
\$110	\$228,800	26.5%	14.9%	24.5%	14.9%				
\$115	\$239,200	26.3%	14.8%	24.3%	14.8%				
\$120	\$249,600	26.1%	14.6%	24.2%	14.6%				
\$125	\$260,000	25.9%	14.4%	24.0%	14.4%				
\$130	\$270,400	25.8%	14.3%	23.9%	14.3%				

<sup>&</sup>lt;sup>1</sup>This table illustrates benefit rates in one dollar wage increments, but benefit rates in rate models are calculated to the penny.

<sup>&</sup>lt;sup>2</sup>Benefit rates in rate models exclude paid time off, which is incorporated in the models as a productivity adjustment or as part of the caseload assumption.

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### **Appendix C: Productivity Assumptions**

	11			1					
	Children's Behavioral Health Day Treatment, BHP - School, One-to- One	Children's Behavioral Health Day Treatment, BHP - School, Group of 2	Children's Behavioral Health Day Treatment, BHP - School, Group of 3	Children's Behavioral Health Day Treatment, BHP - School, Group of 4	Children's Behavioral Health Day Treatment, Master's - School One-to- One	Children's Behavioral Health Day Treatment, Master's - School Group of 2	Children's Behavioral Health Day Treatment, Master's - School Group of 3	Children's Behavioral Health Day Treatment, Master's - School Group of 4	Children's Behavioral Health Day Treatment, BCBA
'Typical Workweek' Without Training and PTO									
Direct services	27.75	27.00	25.50	24.00	27.75	27.50	26.00	24.50	26.00
Coordination and collateral contacts (non-billable)	0.50	1.00	1.50	2.00	1.50	2.00	2.50	3.00	5.00
Participating in assessments and planning meetings	0.50	1.00	1.50	2.00	1.50	2.00	2.50	3.00	-
Travel time (between members)	-	-	-	-	-	-	-	-	-
Transporting members	-	-	-	-	-	-	-	-	-
Program set-up/ clean-up	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	-
Missed appointments	0.75	-	-	-	1.25				2.50
Recordkeeping and reporting	3.50	4.00	4.50	5.00	5.00	5.50	6.00	6.50	5.00
Employer and one-on-one supervision time	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Total	36.00	36.00	36.00	36.00	40.00	40.00	40.00	40.00	40.00
Annual Hours for Training and PTO									
Training	50	50	50	50	50	50	50	50	50
Paid Time Off	180	180	180	180	240	240	240	240	240
Avg. Workweek Adjusted for Training and PTO									_
Direct services	24.33	23.67	22.35	21.05	23.88	23.67	22.38	21.09	22.38
Coordination and collateral contacts (non-billable)	0.44	0.88	1.32	1.75	1.29	1.72	2.15	2.58	4.30
Participating in assessments and planning meetings	0.44	0.88	1.32	1.75	1.29	1.72	2.15	2.58	-
Travel time (between members)	-	-	-	-	-	-	-	-	-
Transporting members	-	-	-	-	-	-	-	-	-
Program set-up/ clean-up	1.32	1.32	1.32	1.32	1.29	1.29	1.29	1.29	-
Missed appointments	0.66	-	-	-	1.08	0.00	0.00	0.00	2.15
Recordkeeping and reporting	3.07	3.51	3.95	4.39	4.30	4.73	5.16	5.59	4.30
Employer and one-on-one supervision time	1.32	1.32	1.32	1.32	1.29	1.29	1.29	1.29	1.29
Training	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Paid time off	3.46	3.46	3.46	3.46	4.62	4.62	4.62	4.62	4.62
Total	36.00	36.00	36.00	36.00	40.00	40.00	40.00	40.00	40.00

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### **Appendix C: Productivity Assumptions**

						•	*		
	Outpatient Therapy, Agency, Psychologist/Psychiatrist - Office One-to-One	Outpatient Therapy, Agency, Psychologist/Psychiatrist - Office Groups	Outpatient Therapy, Agency, Psychologist/Psychiatrist - Community	Outpatient Therapy, Agency, LCSW/ LCPC/ LMFT/ APRN - Office One- to-One	Outpatient Therapy, Agency, LCSW/ LCPC/ LMFT/ APRN - Office Groups	Outpatient Therapy, Agency, LCSW/ LCPC/ LMFT/ APRN - Community	Outpatient Therapy, Agency, Licensed Alcohol and Drug Counselor - Office One-to-One	Outpatient Therapy, Agency, Licensed Alcohol and Drug Counselor - Office Groups	Outpatient Therapy, Agency, Licensed Alcohol and Drug Counselor - Community
'Typical Workweek' Without Training and PTO	•					1		T	
Direct services	27.25	28.50	23.00	27.25	28.50	23.00	27.25	28.50	23.00
Coordination and collateral contacts (non-billable)	3.00	3.50	2.50	3.00	3.50	2.50	3.00	3.50	2.50
Participating in assessments and planning meetings	0.75	1.00	0.50	0.75	1.00	0.50	0.75	1.00	0.50
Travel time (between members)	-	-	5.00	-	-	5.00	-	-	5.00
Transporting members	-	-	-	-	-	-	-	-	-
Program set-up/ clean-up	-	-	-	-	-	-	-	-	-
Missed appointments	2.50	-	2.50	2.50	-	2.50	2.50	-	2.50
Recordkeeping and reporting	5.00	5.50	5.00	5.00	5.50	5.00	5.00	5.50	5.00
Employer and one-on-one supervision time	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Total	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
Annual Hours for Training and PTO									
Training	50	50	50	50	50	50	50	50	50
Paid Time Off	240	240	240	240	240	240	240	240	240
Avg. Workweek Adjusted for Training and PTO									
Direct services	23.45	24.53	19.80	23.45	24.53	19.80	23.45	24.53	19.80
Coordination and collateral contacts (non-billable)	2.58	3.01	2.15	2.58	3.01	2.15	2.58	3.01	2.15
Participating in assessments and planning meetings	0.65	0.86	0.43	0.65	0.86	0.43	0.65	0.86	0.43
Travel time (between members)	-	-	4.30	-	-	4.30	-	-	4.30
Transporting members	-	-	-	-	-	-	-	-	-
Program set-up/ clean-up	-	-	-	-	-	-	-	-	-
Missed appointments	2.15	-	2.15	2.15	-	2.15	2.15	-	2.15
Recordkeeping and reporting	4.30	4.73	4.30	4.30	4.73	4.30	4.30	4.73	4.30
Employer and one-on-one supervision time	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29	1.29
Training	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Paid time off	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62
Total	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00

#### prepared for Maine Department of Health and Human Services

### **Appendix C: Productivity Assumptions**

	Outpatient Therapy, Agency, Certified Alcohol and Drug Counselor - Office One-to-One	Outpatient Therapy, Agency, Certified Alcohol and Drug Counselor - Office Groups	Outpatient Therapy, Agency, Certified Alcohol and Drug Counselor - Community	Specialized Group Services	Medication Management (All Staff)	Neuropsychological and Psychological Testing (Physician/ Psychologist)	Neuropsychological and Psychological Testing (Psych. Examiner)	Adaptive Assessments
'Typical Workweek' Without Training and PTO								
Direct services	27.25	28.50	23.00	38.50	25.00	32.25	35.00	35.00
Coordination and collateral contacts (non-billable)	3.00	3.50	2.50	-	5.00	1.00	-	-
Participating in assessments and planning meetings	0.75	1.00	0.50	-	1.00	-	-	-
Travel time (between members)	-	-	5.00	-	-	-	-	-
Transporting members	-	-	-	-	-	-	-	-
Program set-up/ clean-up	-	-	-	-	-	-	-	-
Missed appointments	2.50	-	2.50	-	2.50	1.50	1.50	1.50
Recordkeeping and reporting	5.00	5.50	5.00	-	5.00	3.75	2.00	2.00
Employer and one-on-one supervision time	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Total	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00
Annual Hours for Training and PTO								
Training	50	50	50	50	50	50	50	50
Paid Time Off	240	240	240	200	240	240	240	240
Avg. Workweek Adjusted for Training and PTO								
Direct services	23.45	24.53	19.80	33.87	21.52	27.75	30.12	30.12
Coordination and collateral contacts (non-billable)	2.58	3.01	2.15	-	4.30	0.86	-	-
Participating in assessments and planning meetings	0.65	0.86	0.43	-	0.86	-	-	-
Travel time (between members)	-	-	4.30	-	-	-	-	-
Transporting members	_	-	1	-	-	-		-
Program set-up/ clean-up	-	-	1	-	-	-	1	-
Missed appointments	2.15	-	2.15	-	2.15	1.29	1.29	1.29
Recordkeeping and reporting	4.30	4.73	4.30	-	4.30	3.23	1.72	1.72
Employer and one-on-one supervision time	1.29	1.29	1.29	1.32	1.29	1.29	1.29	1.29
Training	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
Paid time off	4.62	4.62	4.62	3.85	4.62	4.62	4.62	4.62
Total	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00