MAINE STATE LEGISLATURE

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Rate Review for Personal Care and Related Services

Proposed Rate Models

- prepared for -

Maine Office of Aging and Disability Services

- prepared by -

Burns & Associates, Inc. 3030 North 3rd Street, Suite 200 Phoenix, Arizona 85012 (602) 241-8520 www.burnshealthpolicy.com

September 30, 2015

Maine Office of Aging and Disability Services

Rate Review for Personal Care and Related Services Proposed Rate Models

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Comparison of Current and Proposed Rates

Service		Unit	Proposed		Current MaineCare Rates										
			Benchmark	Section 12			Section 19			Se	ection 22		Section 96		
			Rates	Code	Rate	% of	Code	Rate	% of	Code	Rate	% of	Code	Rate	% of
						Bench.			Bench.			Bench.			Bench.
D/	Short-Term	15 min.	\$5.13				T1019	\$4.10	79.9%				T1019	\$4.10	79.9%
Personal Care/	Long-Term	15 min.	\$4.54				11019	φ4.10	90.3%				11019	φ4.10	90.3%
Personal Support Svcs.	Visit	Visit	\$21.57										S5125 TF ¹	\$19.25	89.2%
Personal Support -	Short-Term	15 min.	\$3.73	S5125 U2	\$2.91	78.0%	S5125	\$3.21	86.1%	S5125 U2	\$2.72	72.9%	S5125	\$3.71	99.5%
Consumer-Directed	Long-Term	15 min.	\$3.23	33123 02	\$2.91	90.1%	33123	\$5.21	99.4%	33123 02	\$2.72	84.2%	33123	\$5.71	114.9%
Home Health Aide/	Short-Term		\$5.50				T1004/	\$4.30	78.2%				T1004	\$4.30	78.2%
	Long-Term	15 min.	\$4.89				G0156(?)	\$4.50	87.9%				11004	\$4.50	87.9%
Certified Nursing Asst.	Visit	Visit	\$22.91												
Skilled Nursing,	Short-Term	15 min.	\$13.74				C0154 TD ²	\$11.06/	80.5%				T1002	\$10.58/	77.0%
Registered Nurse	Long-Term	15 min.	\$11.70				G0154 TD ²	\$8.17	94.5%				T1000 TD	\$8.17	90.4%
Registered Nurse	Visit	Visit	\$53.60												
Skilled Nursing,	Short-Term	15 min.	\$9.75				G0154 TE	\$6.32	64.8%				T1003	\$6.32/	64.8%
Licensed Practical Nurse	Long-Term	15 min.	\$8.23			·	1 00134 IE	φυ.32	76.8%			·	T1000 TD TT	\$6.13	76.8%
Licensed Fractical Nurse	Visit	Visit	\$39.05												

Service		Unit	Proposed		Cu	rrent Stat	e-Only Rate	es			
			Benchmark	OA	ADS Manu	al	OADS Manual				
			Rates	Ch	ı. 5, Sec. 63	3^3	Part 2, Ch. 1		l ⁴		
				Code	Rate	% of	Code	Rate	% of		
						Bench.			Bench.		
Personal Care/	Short-Term	15 min.	\$5.13	N/A	\$4.10	79.9%					
Personal Support Svcs.	Long-Term	15 min.	\$4.54	IN/A	\$4.10	90.3%					
reisonal Support Sves.	Visit	Visit	\$21.57	N/A	\$19.25	89.2%					
Personal Support -	Short-Term	15 min.	\$3.73	N/A	\$3.71	99.5%	N/A	\$2.61	70.0%		
Consumer-Directed	Long-Term	15 min.	\$3.23	11/71	ψ3.71	114.9%	IN/A		80.8%		
Home Health Aide/	Short-Term	15 min.	\$5.50	N/A	\$4.30	78.2%					
Certified Nursing Asst.	Long-Term	15 min.	\$4.89	11/71	φ4.50	87.9%					
Certified Nursing Asst.	Visit	Visit	\$22.91								
Skilled Nursing,	Short-Term	15 min.	\$13.74	N/A ²	\$11.06/	80.5%					
Registered Nurse	Long-Term	15 min.	\$11.70	N/A	\$8.17	94.5%					
Registered Nurse	Visit	Visit	\$53.60								
Skilled Nursing,	Short-Term	15 min.	\$9.75	N/A	\$6.32	64.8%			•		
Licensed Practical Nurse	Long-Term	15 min.	\$8.23	1 N /A	φ0.32	76.8%			•		
Licensed Fractical Nurse	Visit	Visit	\$39.05								

¹Current visit rate is billed in 15-minute increments, but is presented as an hourly amount (as providers are permitted to bill four units per visit) for comparative purposes

²Lower rate applies to independent providers. The percent of benchmark calculations apply to agency providers, which account for the large majority of services.

³Services are billed in half-hour increments, but are presented as quarter hours for comparative purposes

⁴Services are billed in hourly increments, but are presented as quarter hours for comparative purposes

Personal Support Services - Agency-Directed

		Visit	Short-Term	Long-Term
	Unit of Service	Visit ¹	15 Minutes ²	15 Minutes ²
	Wages			
fits	Direct Staff Hourly Wage	\$10.28	\$10.28	\$10.28
Direct Support Staff Wages and Benefits	Employee Benefits			
1 B(Benefit Rate (as a percent of wages)	46.4%	46.4%	46.4%
anc				
ses	Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$15.05	\$15.05	\$15.05
Nag	Productivity Assumptions			
Ή	Total Hours	40.00	40.00	40.00
Sta	- Travel Time (Between Consumers)	8.00	2.00	-
ort	- Employer and One-on-One Supervision Time	0.50	0.50	0.50
ddr	- Training	0.50	0.50	0.50
t Sı	- Missed Appointments	0.50	0.50	-
rec	"Billable" Hours	30.50	36.50	39.00
Di	Productivity Adjustment	1.31	1.10	1.03
	Staff Cost After Productivity Adjustment	\$19.74	\$16.49	\$15.44
40	- Number of Miles Traveled per Week	250	60	0
Mileage	- Amount per Mile	\$0.575	\$0.575	\$0.575
/Iile	Weekly Mileage Cost	\$143.75	\$34.50	\$0.00
Z	Mileage Cost per Billable Hour	\$4.71	\$0.95	\$0.00
d/ gr				
hea atir	Cost per Billable Hour Before Operating and Overhead	\$24.45	\$17.44	\$15.44
Overhead/ Operating	- Operating and Overhead Rate	15.0%	15.0%	15.0%
0	Operating and Overhead Costs per Billable Hour	\$4.31	\$3.08	\$2.72
	Total Cost per Billable Hour	\$28.76	\$20.52	\$18.16
	Rate per 15 Minutes	420.70	\$5.13	\$4.54
	Rate for a Visit (Based on 0.75 Hours)	\$21.57		,
Se				
Rati	2 Consumers	100/	100	100/
er]	Rate Premium	10%	10%	10%
un	Total Hourly Rate Peter per Consumer per 15 Minutes (Visit)	\$23.73 \$11.87	\$22.57 \$2.82	\$19.98 \$2.50
Multiple Consumer Rates	Rate per Consumer per 15 Minutes (Visit)	ф11.0/	\$4.0Z	\$4.50
e C	3 Consumers			
tipl	Rate Premium	20%	20%	20%
/ul	Total Hourly Rate	\$25.88	\$24.62	\$21.79
7	Rate per Consumer per 15 Minutes (Visit)	\$8.63	\$2.05	\$1.82

¹The visit rate can be billed only once per day per client and cannot be billed on the same day as a 15-minute rate

²The 'short-term' rate may be billed for the first 24 units of service in a day (6 hours); all subsequent units will be billed at the long-term rate

Personal Support Services - Consumer-Directed

		Short-Term	Long-Term
	Unit of Service	15 Minutes ¹	15 Minutes ¹
	Wages		
its	Direct Staff Hourly Wage	\$10.28	\$10.28
nef	Employee Benefits		
Be	Benefit Rate (as a percent of wages)	23.9%	23.9%
and	Benefit Rate (as a percent of wages)		23.9%
ses	Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$12.74	\$12.74
Direct Support Staff Wages and Benefits	Productivity Assumptions		
ıff.	Total Hours	40.00	40.00
Sta	- Travel Time (Between Consumers)	2.00	-
oort	- Administrative Activities	1.00	-
Idn	- Training	0.50	0.50
ct S	- Missed Appointments	-	-
ire	"Billable" Hours	36.50	39.50
	Productivity Adjustment	1.10	1.01
	Staff Cost After Productivity Adjustment	\$13.96	\$12.90
e e	- Number of Miles Traveled per Week	60	0
Mileage	- Amount per Mile	\$0.575	\$0.575
Mi	Weekly Mileage Cost	\$34.50	\$0.00
	Mileage Cost per Billable Hour	\$0.95	\$0.00
	Total Cost per Billable Hour	\$14.91	\$12.90
	Rate per 15 Minutes	\$3.73	\$3.23
ses	2 Consumers		
Rat	Rate Premium	10%	10%
ner	Total Hourly Rate	\$16.40	\$14.19
uns	Rate per Consumer per 15 Minutes (Visit)	\$2.05	\$1.77
Multiple Consumer Rates			,
le (3 Consumers Rate Premium	200/	200/
— dtip	Total Hourly Rate	20% \$17.89	20% \$15.48
Mu	Rate per Consumer per 15 Minutes (Visit)	\$17.89 \$1.49	\$13.46 \$1.29
	race per consumer per 13 minutes (visit)	<u>φ</u> 1.47 <i>γ///</i>	φ1.47

¹The 'short-term' rate may be billed for the first 24 units of service in a day (6 hours); all subsequent units will be billed at the long-term rate

Home Health Aide/ Certified Nursing Assistant

		Visit	Short-Term	Long-Term
	Unit of Service	Visit ¹	15 Minutes ²	15 Minutes ²
	Wages			
fits	Direct Staff Hourly Wage	\$11.24	\$11.24	\$11.24
ene	Employee Benefits			
ld B	Benefit Rate (as a percent of wages)	44.1%	44.1%	44.1%
Direct Support Staff Wages and Benefits	Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$16.20	\$16.20	\$16.20
§ S	Productivity Assumptions			
taff	Total Hours	40.00	40.00	40.00
ıt S	- Travel Time (Between Consumers)	8.00	2.00	-
Iodo	- Employer and One-on-One Supervision Time	0.50	0.50	0.50
Sup	- Training - Missed Appointments	0.50 0.50	0.50 0.50	0.50
ect	"Billable" Hours	30.50	36.50	39.00
Dir	Productivity Adjustment	1.31	1.10	1.03
	Staff Cost After Productivity Adjustment	\$21.25	\$17.75	\$16.62
4	Noveless of Miles Tresseled was Week	250	(0	0
Mileage	- Number of Miles Traveled per Week - Amount per Mile	250 \$0.575	60 \$0.575	\$0.575
/Iile	Weekly Mileage Cost	\$143.75	\$34.50	\$0.00
	Mileage Cost per Billable Hour	\$4.71	\$0.95	\$0.00
ad/ ng				
rhe	Cost per Billable Hour Before Operating and Overhead - Operating and Overhead Rate	\$25.96 15.0%	\$18.70 15.0%	\$16.62
Overhead/ Operating	Operating and Overhead Costs per Billable Hour	\$4.58	\$3.30	15.0% \$2.93
	operating and Overnead Costs per Binable Hour	φ-4.30	\$3.30	φ 2.73
	Total Cost per Billable Hour	\$30.54	\$22.00	\$19.55
	Rate per 15 Minutes		\$5.50	\$4.89
	Rate for a Visit (Based on 0.75 Hours)	\$22.91		
ates	2 Consumers			
r R	Rate Premium	10%	10%	10%
me	Total Hourly Rate	\$25.20	\$24.20	\$21.51
nsu	Rate per Consumer per 15 Minutes (Visit)	\$12.60	\$3.03	\$2.69
Multiple Consumer Rates	3 Consumers			
iple	Rate Premium	20%	20%	20%
fulti	Total Hourly Rate	\$27.49	\$26.40	\$23.46
Z	Rate per Consumer per 15 Minutes (Visit)	\$9.16	\$2.20	\$1.96

¹The visit rate can be billed only once per day per client and cannot be billed on the same day as a 15-minute rate

²The 'short-term' rate may be billed for the first 24 units of service in a day (6 hours); all subsequent units will be billed at the long-term rate

Maine Office of Aging and Disability Services Rate Review for Personal Care and Related Services - Proposed Rate Models Skilled Nursing, Registered Nurse

		Visit	Short-Term	Long-Term
	Unit of Service	Visit ¹	15 Minutes ²	15 Minutes ²
	Wages			
ts	Direct Staff Hourly Wage	\$29.79	\$29.79	\$29.79
nefi	Employee Benefits			
l Be	Benefit Rate (as a percent of wages)	29.4%	29.4%	29.4%
Direct Support Staff Wages and Benefits	Hourly Staff Cost Before Productivity Adj. (wages + benefits)	\$38.55	\$38.55	\$38.55
Wag	Productivity Assumptions Total Hours	40.00	40.00	40.00
taff	- Travel Time (Between Consumers)	8.00	2.00	40.00
t Si	- Plan-Writing, Other Documentation	2.50	2.50	
por	- Employer and One-on-One Supervision Time	0.50	0.50	0.50
dns	- Training	0.75	0.75	0.75
ct S	- Missed Appointments	0.50	0.50	-
ire	"Billable" Hours	27.75	33.75	38.75
Ω	Productivity Adjustment	1.44	1.19	1.03
	Staff Cost After Productivity Adjustment	\$55.57	\$45.69	\$39.79
ge	- Number of Miles Traveled per Week	250	60	0
eag	- Amount per Mile	\$0.575	\$0.575	\$0.575
Mileage	Weekly Mileage Cost	\$143.75	\$34.50	\$0.00
	Mileage Cost per Billable Hour	\$5.18	\$1.02	\$0.00
Overhead/ Operating	Cost per Billable Hour Before Operating and Overhead	\$60.75	\$46.71	\$39.79
erh	- Operating and Overhead Rate	15.0%	15.0%	15.0%
Ov Op	Operating and Overhead Costs per Billable Hour	\$10.72	\$8.24	\$7.02
	Total Cost per Billable Hour/ Visit Rate	\$71.47	\$54.95	\$46.81
	Rate per 15 Minutes	Ψ,1.1,	\$13.74	\$11.70
	Rate for a Visit (Based on 0.75 Hours)	\$53.60	, ————————————————————————————————————	7
se				
Sati	2 Consumers	100	100	100/
er]	Rate Premium	10%	10%	10%
mn	Total Hourly Rate	\$58.96	\$15.11	\$12.87
Multiple Consumer Rates	Rate per Consumer per 15 Minutes (Visit)	\$29.48	\$7.56	\$6.44
Ď	3 Consumers			
ipl	Rate Premium	20%	20%	20%
fult	Total Hourly Rate	\$64.32	\$16.49	\$14.04
2	Rate per Consumer per 15 Minutes (Visit)	\$21.44	\$5.50	\$4.68

¹The visit rate can be billed only once per day per client and cannot be billed on the same day as a 15-minute rate

²The 'short-term' rate may be billed for the first 24 units of service in a day (6 hours); all subsequent units will be billed at the long-term rate

Maine Office of Aging and Disability Services Rate Review for Personal Care and Related Services - Proposed Rate Models Skilled Nursing, Licensed Practical Nurse

Unit of Service Visit	\$20.32 \$27.11 \$40.00
Direct Staff Hourly Wage \$20.32 \$20.32	33.4% \$27.11
Direct Staff Hourly Wage \$20.32 \$20.32 Employee Benefits Benefit Rate (as a percent of wages) 33.4% 33.4% Hourly Staff Cost Before Productivity Adj. (wages + benefits) \$27.11 \$27.11 Productivity Assumptions Total Hours 40.00 40.00 Travel Time (Between Consumers) 8.00 2.00 Plan-Writing, Other Documentation 2.50 2.50	33.4% \$27.11
Employee Benefits Benefit Rate (as a percent of wages) Hourly Staff Cost Before Productivity Adj. (wages + benefits) Productivity Assumptions Total Hours - Travel Time (Between Consumers) - Plan-Writing, Other Documentation - Travel Time (Between Consumers) - Plan-Writing, Other Documentation - Travel Time (Between Consumers) - Plan-Writing, Other Documentation - Travel Time (Between Consumers) - Plan-Writing, Other Documentation	\$27.11
Benefit Rate (as a percent of wages) Hourly Staff Cost Before Productivity Adj. (wages + benefits) Productivity Assumptions Total Hours - Travel Time (Between Consumers) - Plan-Writing, Other Documentation 33.4% 33.4% \$27.11 \$27.11	\$27.11
Hourly Staff Cost Before Productivity Adj. (wages + benefits) Productivity Assumptions Total Hours - Travel Time (Between Consumers) - Plan-Writing, Other Documentation Hourly Staff Cost Before Productivity Adj. (wages + benefits) \$27.11 \$27.11 \$40.00 \$40.00 \$8.00 \$2.00 \$2.50 \$2.50	
Productivity Assumptions Total Hours - Travel Time (Between Consumers) - Plan-Writing, Other Documentation - Travel Time (Between Consumers) - Plan-Writing, Other Documentation - Travel Time (Between Consumers) - Plan-Writing, Other Documentation	40.00
- Travel Time (Between Consumers) - Plan-Writing, Other Documentation 8.00 2.00 2.50	
- Plan-Writing, Other Documentation 2.50 2.50	-
	-
- Employer and One-on-One Supervision Time 0.50 0.50	0.50
$\left \begin{array}{c} \overline{D} \\ \overline{D} \end{array}\right $ - Training 0.75 0.75	0.75
୍ର - Missed Appointments 0.50 0.50	-
- □ "Billable" Hours 27.75 33.75	38.75
Productivity Adjustment 1.44 1.19	1.03
Staff Cost After Productivity Adjustment \$39.08 \$32.13	\$27.98
- Number of Miles Traveled per Week - Amount per Mile \$0.575 \$0.575 \$0.575 \$0.450 \$0.575 \$0.5	0
물 - Amount per Mile \$0.575 \$0.575 Weekly Mileage Cost \$143.75 \$34.50	\$0.575
	\$0.00 \$0.00
Nileage Cost per biliable flour \$5.10 \$1.02	\$0.00
Cost per Billable Hour Before Operating and Overhead - Operating and Overhead Rate Operating and Overhead Costs per Billable Hour \$44.26 \$33.15 \$15.0% 15.0% 15.0%	\$27.98
불 불 - Operating and Overhead Rate 15.0% 15.0%	15.0%
Ó Ō Operating and Overhead Costs per Billable Hour \$7.81 \$5.85	\$4.94
Total Cost per Billable Hour/ Visit Rate \$52.07 \$39.00	\$32.92
Rate per 15 Minutes \$9.75	\$8.23
Rate for a Visit (Based on 0.75 Hours) \$39.05	ψ 0.2 5
월 2 Consumers	
Rate Premium 10% 10%	10%
Total Hourly Rate \$42.96 \$10.73	\$9.05
Rate per Consumer per 15 Minutes (Visit) \$21.48 \$5.37	\$4.53
2 Consumers Rate Premium 10% 10% 10% Total Hourly Rate \$42.96 \$10.73 \$8.00 \$10.73 \$1.48 \$5.37 \$3 Consumers Rate Premium 20%	
Rate Premium 20% 20%	20%
Total Hourly Rate \$46.86 \$11.70	\$9.88
Rate per Consumer per 15 Minutes (Visit) \$15.62 \$3.90	\$3.29

¹The visit rate can be billed only once per day per client and cannot be billed on the same day as a 15-minute rate

²The 'short-term' rate may be billed for the first 24 units of service in a day (6 hours); all subsequent units will be billed at the long-term rate

Rate Review for Personal Care and Related Services

Appendices of Supporting Documentation for Proposed Rate Models

- prepared for -

Maine Office of Aging and Disability Services

- prepared by -

Burns & Associates, Inc. 3030 North 3rd Street, Suite 200 Phoenix, Arizona 85012 (602) 241-8520 www.burnshealthpolicy.com

Appendix A: Wage Assumptions Bureau of Labor Statistics Information for Job Classifications Used in the Rate Models

BLS Code and Title	Description	Typical Education	Typical Work Experience	Typical On-The- Job Training	Wa	nges (from	May 2014 I	BLS estima	tes)	Used in Rate Models
		Requirement	•	Needed To Attain Competency	10th %-ile	25th %-ile	50th %-ile	75th %-ile	90th %-ile	
Registered Nurses (29-1141)	Assess patient health problems and needs, develop and implement nursing care plans, and maintain medical records. Administer nursing care to ill, injured, convalescent, or disabled patients. May advise patients on health maintenance and disease prevention or provide case management. Licensing or registration required. Includes Clinical Nurse Specialists. Excludes "Nurse Anesthetists" (29-1151), "Nurse Midwives" (29-1161), and "Nurse Practitioners" (29-1171).	Associate's degree	None	None	\$21.85	\$25.43	\$29.79	\$35.34	\$40.88	Skilled Nursing, Registered Nurse
Licensed Practical and Licensed Vocational Nurses (29-2061)	Care for ill, injured, or convalescing patients or persons with disabilities in hospitals, nursing homes, clinics, private homes, group homes, and similar institutions. May work under the supervision of a registered nurse. Licensing required.	Postsecondary non-degree award	None	None	\$15.85	\$17.78	\$20.32	\$22.34	\$23.82	Skilled Nursing, Licensed Practical Nurse
Home Health Aides (31-1011)	Provide routine individualized healthcare such as changing bandages and dressing wounds, and applying topical medications to the elderly, convalescents, or persons with disabilities at the patient's home or in a care facility. Monitor or report changes in health status. May also provide personal care such as bathing, dressing, and grooming of patient.	Less than high school	None	Short-term on-the- job training	\$8.66	\$9.75	\$10.94	\$12.90	\$15.44	50% of Wage for Home Health Aide/ Certified Nursing Assistant
Nursing Assistants (31- 1014)	Provide basic patient care under direction of nursing staff. Perform duties such as feed, bathe, dress, groom, or move patients, or change linens. May transfer or transport patients. Includes nursing care attendants, nursing aides, and nursing attendants.	Postsecondary non-degree award	None	None	\$9.31	\$10.18	\$11.54	\$13.57	\$14.96	50% of Wage for Home Health Aide/ Certified Nursing Assistant

Appendix A: Wage Assumptions Bureau of Labor Statistics Information for Job Classifications Used in the Rate Models

BLS Code and Title	Description	Typical Education	Typical Work Experience	Typical On-The- Job Training	Wa	Used in Rate Models					
		Requirement	Experience	Needed To Attain Competency	10th %-ile	25th %-ile	50th %-ile	75th %-ile	90th %-ile		
Personal Care Aides (39-9021)	Assist the elderly, convalescents, or persons with disabilities with daily living activities at the person's home or in a care facility. Duties performed at a place of residence may include keeping house (making beds, doing laundry, washing dishes) and preparing meals. May provide assistance at non-residential care facilities. May advise families, the elderly, convalescents, and persons with disabilities regarding such things as nutrition, cleanliness, and household activities.	Less than high school	None	Short-term on-the- job training	\$8.16	\$9.03	\$10.28	\$11.41	\$13.17	Personal Support Services	

Appendix B: Benefits Assumptions

	%	of Em	ployees wit	h Access		% of Employees Who Receive ('Participation')				Benefit L	Level for Par Employees			Effective Benefit Level (Accounts for Participation)		
	BLS I	Data ¹	Rate 1	Model]	BLS Data ¹	Rate	Model		BLS Data ¹	Rate	Model		BLS Data ¹	Rate	Model
			PSS-AD	PSS-CD			Agency- Directed	Consumer Directed	-		Agency- Directed	Consumer Directed	-		Agency- Directed	Consumer- Directed
Mandatory Benefit	s															
FICA ²															7.65%	7.65%
Federal UI ³															0.60%	0.60%
State UI ⁴															2.20%	2.20%
Workers' Comp.															3.20%	3.20%
Paid Time Off ⁵										i	Days per yea	r		L	ays per yea	r
Holidays	779	%	100%	0%		77%	100%	0%		8.0	10.0	0.0		6.2	10.0	0.0
Vacation Leave Sick Leave	759 659		100%	0%		75% 65%	100%	0%		10.0 7.0	15.0	0.0		7.5 4.6	15.0	0.0
Total										25.0	25.0	0.0		18.2	25.0	0.0
Health Insurance ⁶										Employer	contribution	per month		Employer o	contribution	per month
	709	%	100%	0%		56%	100%	0%		\$392	\$400	\$0		\$274	\$400	\$0
Retirement										Employer c	ontribution (% of salary)	1	Employer co	ntribution (%	% of salary)
	659	%	100%	0%		50%	100%	0%		NR	0.0%	0.0%		NR	0.0%	0.0%
Other Benefits ⁷										Employer	contribution	per month		Employer o	contribution	per month
			100%	100%			100%	100%			\$25	\$200			\$25	\$200

Notes

BLS' 2013 National Compensation Survey (http://www.bls.gov/ncs/ebs/benefits/2013/ownership_private.htm); data reported is for private employers in the New England region.

²Combined Social Security tax rate of 6.2% and Medicare tax rate of 1.45%.

³Applies to first \$7,000 in wages.

⁴Applies to first \$12,000 in wages.

⁵BLS data for vacation and sick leave is based on employees with 1-5 years of experience (average for those with 6-10 experience is 14 days of vacation and 8 days of sick leave).

⁶In addition to BLS data, other sources were considered. According to U.S. DHHS' 2012 Medical Expenditure Panel, the average premium across all Maine employers was \$488.75 with an employer share of \$395.50 (Tables II.C.1 and II.C.2). According to Kaiser's review of individual health insurance plans offered through the State's health insurance exchange, the benchmark plan for a 40 year-old non-smoker in Portland is \$282 in 2015 (http://files.kff.org/attachment/analysis-of-2015-premium-changes-in-the-affordable-care-acts-health-insurance-marketplaces-issue-brief).

⁷BLS provides information for a variety of other benefits that cannot be combined.

Appendix B: Benefits Assumptions Benefit Rates by Wage Level

Hourly Wage	Annual Salary		Rate Model Assumption	S ¹
		Agency-Directed Personal Support	Consumer-Directed Personal Support	All Other Services
\$9	\$18,720	49.3%	25.3%	49.3%
\$10	\$20,800	46.4%	23.9%	46.4%
\$11	\$22,880	44.1%	22.7%	44.1%
\$12	\$24,960	42.1%	21.7%	42.1%
\$13	\$27,040	40.4%	20.9%	40.4%
\$14	\$29,120	39.0%	20.1%	39.0%
\$15	\$31,200	37.8%	19.5%	37.8%
\$16	\$33,280	36.7%	19.0%	36.7%
\$17	\$35,360	35.7%	18.5%	35.7%
\$18	\$37,440	34.9%	18.1%	34.9%
\$19	\$39,520	34.1%	17.7%	34.1%
\$20	\$41,600	33.4%	17.4%	33.4%
\$21	\$43,680	32.8%	17.0%	32.8%
\$22	\$45,760	32.3%	16.8%	32.3%
\$23	\$47,840	31.7%	16.5%	31.7%
\$24	\$49,920	31.3%	16.3%	31.3%
\$25	\$52,000	30.8%	16.1%	30.8%
\$26	\$54,080	30.4%	15.9%	30.4%
\$27	\$56,160	30.1%	15.7%	30.1%
\$28	\$58,240	29.7%	15.5%	29.7%
\$29	\$60,320	29.4%	15.3%	29.4%
\$30	\$62,400	29.1%	15.2%	29.1%
\$31	\$64,480	28.8%	15.0%	28.8%
\$32	\$66,560	28.6%	14.9%	28.6%
\$33	\$68,640	28.3%	14.8%	28.3%
\$34	\$70,720	28.1%	14.7%	28.1%
\$35	\$72,800	27.9%	14.6%	27.9%

¹Benefit rates based on the wage assumed in rate models, rounded down to the nearest dollar

Appendix C: Productivity Assumptions

	Personal Support Services - Agency-Directed, Visit	Personal Support Services - Agency-Directed, Short-Term	Personal Support Services - Agency-Directed, Long-Term	Personal Support Services - Consumer-Directed, Short-Term	Personal Support Services - Consumer-Directed, Long-Term	Home Health Aide/ Certified Nursing Assistant, Visit	Home Health Aide/ Certified Nursing Assistant, Short-Term	Home Health Aide/ Certified Nursing Assistant, Long-Term	Skilled Nursing, Registered Nurse, Visit	Skilled Nursing, Registered Nurse, Short-Term	Skilled Nursing, Registered Nurse, Long-Term	Skilled Nursing, Licensed Practical Nurse, Visit	Skilled Nursing, Licensed Practical Nurse, Short-Term	Skilled Nursing, Licensed Practical Nurse, Long-Term
Direct services	30.50	36.50	39.00	36.50	39.50	30.50	36.50	39.00	27.75	33.75	38.75	27.75	33.75	38.75
Travel Time (Between Consumers)	8.00	2.00	-	2.00	-	8.00	2.00	-	8.00	2.00	-	8.00	2.00	-
Missed appointments	0.50	0.50	-	-	-	0.50	0.50	-	0.50	0.50	-	0.50	0.50	-
Plan-Writing, Other Documentation	-	-	-	-	-	-	-	-	2.50	2.50	-	2.50	2.50	-
Employer and One-on-One Supervision Time	0.50	0.50	0.50	-	-	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50
Training	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.50	0.75	0.75	0.75	0.75	0.75	0.75
Administrative Activities	-	-	-	1.00	-	-	-	-	-	-	-	-	-	-
Total	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00	40.00