

Virginia Department of Behavioral Health and  
Developmental Services

*My Life, My Community*

Refreshed Rate Models

prepared by:

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

August 5, 2019

Option II

**Virginia Department of Behavioral Health and Developmental Services  
Refreshed Rate Models**

**Table of Contents**

Notes to Accompany Refreshed Rates.....	1
Comparison of Current and Refreshed Rates.....	2
Final Rate Models	
In-Home Support Services.....	5
Supported Living Residential.....	6
Sponsored Residential.....	8
Group Home Residential.....	10
Shared Living.....	28
Independent Living Support Services.....	29
Group Supported Employment.....	30
Group Day Support.....	31
Community Engagement.....	33
Community Coaching and Workplace Assistance.....	35
Therapeutic Consultation - Therapists.....	36
Therapeutic Consultation - Psychologist/Psychiatrist.....	37
Therapeutic Consultation - Other Professionals.....	38
Community Guide.....	39
Peer Mentoring.....	40
Appendices	
Appendix A: Wage Assumptions	
Appendix B: Benefits Assumptions	
Appendix C: Productivity Assumptions	
Appendix D: Group Home Staff Hour Assumptions	
Appendix E: Supported Living Staff Hour Assumptions	

## **Virginia Department of Behavioral Health and Developmental Services Refreshed Rate Models**

The Refreshed Rate Models incorporate the following revisions:

- An across-the-board increase of 9.0 percent to all wage assumptions based on the change in the overall statewide median wage between 2014 (\$18.05) and 2018 (\$19.63, the most recent year available). This across-the-board approach was employed rather than occupation-specific adjustments because the latter approach would have resulted in some wage assumptions remaining effectively unchanged.
- Adoption of the 2019 IRS mileage rates of \$0.58 per mile, inclusive of \$0.260 for depreciation.
- Increasing the assumed cost of health insurance from \$375 per month per direct care worker to \$425.
- Increasing the assumed cost of state unemployment insurance from 1.11 percent to 2.51 percent (the rate for new employers in 2019).
- Calculation of benefit rates based on the exact wage assumption rather than based on the wage assumption rounded down to the nearest dollar.
- Adjustments to the home payment amounts in the Sponsored Placement rates by applying the overall change in the 4 or fewer person group home rate for the corresponding region and rate tier (the NOVA home payment was calculated by applying the corresponding group home rate increase described above to the ROS home payment and applying the resultant increase to the existing NOVA home payment assumption).
- In the Shared Living rate models, updating the HUD Fair Market Rent and USDA food plan costs with 2019 data.
- In the Independent Living rate models, updating the rate assumption for the personal care component of the model to reflect the rate currently in effect.

**Virginia Department of Behavioral Health and Developmental Services  
Refreshed Rate Models**

**Comparison of Current and Refreshed Rates**

Service	Unit	Area	Current	Refresh	% Change
In-Home Support Services, Size 1	Hour	ROS	\$25.61	\$27.22	6.3%
		NOVA	\$29.84	\$31.97	7.1%
In-Home Support Services, Size 2	Hour	ROS	\$14.09	\$14.97	6.2%
		NOVA	\$16.41	\$17.59	7.2%
In-Home Support Services, Size 3	Hour	ROS	\$10.24	\$10.89	6.3%
		NOVA	\$11.94	\$12.79	7.1%
Supported Living Residential, Tier 1	Day	ROS	\$136.76	\$145.11	6.1%
		NOVA	\$160.03	\$171.08	6.9%
Supported Living Residential, Tier 2	Day	ROS	\$177.12	\$188.68	6.5%
		NOVA	\$208.22	\$223.48	7.3%
Supported Living Residential, Tier 3	Day	ROS	\$205.98	\$219.83	6.7%
		NOVA	\$242.67	\$260.95	7.5%
Supported Living Residential, Tier 4	Day	ROS	\$259.25	\$277.32	7.0%
		NOVA	\$306.26	\$330.10	7.8%
Sponsored Residential, Tier 1	Day	ROS	\$131.98	\$139.59	5.8%
		NOVA	\$161.80	\$170.50	5.4%
Sponsored Residential, Tier 2	Day	ROS	\$180.98	\$192.17	6.2%
		NOVA	\$222.80	\$235.47	5.7%
Sponsored Residential, Tier 3	Day	ROS	\$232.60	\$247.58	6.4%
		NOVA	\$287.16	\$304.10	5.9%
Sponsored Residential, Tier 4	Day	ROS	\$301.19	\$321.24	6.7%
		NOVA	\$372.57	\$395.38	6.1%
Group Home Residential - 4 or Fewer Person Homes, Tier 1	Day	ROS	\$201.76	\$215.27	6.7%
		NOVA	\$237.62	\$255.47	7.5%
Group Home Residential - 4 or Fewer Person Homes, Tier 2	Day	ROS	\$240.00	\$256.55	6.9%
		NOVA	\$283.29	\$305.13	7.7%
Group Home Residential - 4 or Fewer Person Homes, Tier 3	Day	ROS	\$264.26	\$282.74	7.0%
		NOVA	\$312.26	\$336.63	7.8%
Group Home Residential - 4 or Fewer Person Homes, Tier 4	Day	ROS	\$315.36	\$337.89	7.1%
		NOVA	\$373.27	\$402.96	8.0%
Group Home Residential - 5 Person Homes, Tier 1	Day	ROS	\$188.09	\$200.78	6.7%
		NOVA	\$221.80	\$238.54	7.5%
Group Home Residential - 5 Person Homes, Tier 2	Day	ROS	\$210.93	\$225.43	6.9%
		NOVA	\$249.07	\$268.19	7.7%
Group Home Residential - 5 Person Homes, Tier 3	Day	ROS	\$233.76	\$250.08	7.0%
		NOVA	\$276.33	\$297.84	7.8%
Group Home Residential - 5 Person Homes, Tier 4	Day	ROS	\$274.86	\$294.44	7.1%
		NOVA	\$325.40	\$351.21	7.9%
Group Home Residential - 6 Person Homes, Tier 1	Day	ROS	\$182.38	\$194.62	6.7%
		NOVA	\$214.99	\$231.13	7.5%
Group Home Residential - 6 Person Homes, Tier 2	Day	ROS	\$202.36	\$216.19	6.8%
		NOVA	\$238.84	\$257.07	7.6%
Group Home Residential - 6 Person Homes, Tier 3	Day	ROS	\$225.20	\$240.84	6.9%
		NOVA	\$266.10	\$286.72	7.7%
Group Home Residential - 6 Person Homes, Tier 4	Day	ROS	\$267.72	\$286.74	7.1%
		NOVA	\$316.88	\$341.94	7.9%

**Virginia Department of Behavioral Health and Developmental Services  
Refreshed Rate Models**

**Comparison of Current and Refreshed Rates**

Service	Unit	Area	Current	Refresh	% Change
Group Home Residential - 7 Person Homes, Tier 1	Day	ROS	\$176.67	\$188.45	6.7%
		NOVA	\$208.17	\$223.72	7.5%
Group Home Residential - 7 Person Homes, Tier 2	Day	ROS	\$193.80	\$206.95	6.8%
		NOVA	\$228.61	\$245.95	7.6%
Group Home Residential - 7 Person Homes, Tier 3	Day	ROS	\$216.63	\$231.58	6.9%
		NOVA	\$255.88	\$275.61	7.7%
Group Home Residential - 7 Person Homes, Tier 4	Day	ROS	\$260.59	\$279.03	7.1%
		NOVA	\$308.36	\$332.67	7.9%
Group Home Residential - 8 Person Homes, Tier 1	Day	ROS	\$170.97	\$182.30	6.6%
		NOVA	\$201.35	\$216.30	7.4%
Group Home Residential - 8 Person Homes, Tier 2	Day	ROS	\$185.24	\$197.69	6.7%
		NOVA	\$218.40	\$234.84	7.5%
Group Home Residential - 8 Person Homes, Tier 3	Day	ROS	\$208.07	\$222.34	6.9%
		NOVA	\$245.65	\$264.49	7.7%
Group Home Residential - 8 Person Homes, Tier 4	Day	ROS	\$253.45	\$271.33	7.1%
		NOVA	\$299.84	\$323.41	7.9%
Group Home Residential - 9 Person Homes, Tier 1	Day	ROS	\$165.25	\$176.13	6.6%
		NOVA	\$194.54	\$208.90	7.4%
Group Home Residential - 9 Person Homes, Tier 2	Day	ROS	\$176.67	\$188.45	6.7%
		NOVA	\$208.17	\$223.72	7.5%
Group Home Residential - 9 Person Homes, Tier 3	Day	ROS	\$199.51	\$213.10	6.8%
		NOVA	\$235.44	\$253.37	7.6%
Group Home Residential - 9 Person Homes, Tier 4	Day	ROS	\$246.32	\$263.63	7.0%
		NOVA	\$291.32	\$314.14	7.8%
Group Home Residential - 10 Person Homes, Tier 1	Day	ROS	\$159.54	\$169.97	6.5%
		NOVA	\$187.72	\$201.48	7.3%
Group Home Residential - 10 Person Homes, Tier 2	Day	ROS	\$168.10	\$179.21	6.6%
		NOVA	\$197.95	\$212.60	7.4%
Group Home Residential - 10 Person Homes, Tier 3	Day	ROS	\$190.95	\$203.86	6.8%
		NOVA	\$225.21	\$242.25	7.6%
Group Home Residential - 10 Person Homes, Tier 4	Day	ROS	\$239.18	\$255.94	7.0%
		NOVA	\$282.80	\$304.88	7.8%
Group Home Residential - 11 Person Homes, Tier 1	Day	ROS	\$153.83	\$163.80	6.5%
		NOVA	\$180.91	\$194.08	7.3%
Group Home Residential - 11 Person Homes, Tier 2	Day	ROS	\$159.54	\$169.97	6.5%
		NOVA	\$187.72	\$201.48	7.3%
Group Home Residential - 11 Person Homes, Tier 3	Day	ROS	\$182.38	\$194.62	6.7%
		NOVA	\$214.99	\$231.13	7.5%
Group Home Residential - 11 Person Homes, Tier 4	Day	ROS	\$232.05	\$248.23	7.0%
		NOVA	\$274.28	\$295.62	7.8%
Group Home Residential - 12 Person Homes, Tier 1	Day	ROS	\$148.12	\$157.65	6.4%
		NOVA	\$174.09	\$186.66	7.2%
Group Home Residential - 12 Person Homes, Tier 2	Day	ROS	\$150.98	\$160.73	6.5%
		NOVA	\$177.50	\$190.36	7.2%
Group Home Residential - 12 Person Homes, Tier 3	Day	ROS	\$173.82	\$185.38	6.7%
		NOVA	\$204.76	\$220.01	7.4%
Group Home Residential - 12 Person Homes, Tier 4	Day	ROS	\$224.91	\$240.53	6.9%
		NOVA	\$265.76	\$286.34	7.7%

**Virginia Department of Behavioral Health and Developmental Services  
Refreshed Rate Models**

**Comparison of Current and Refreshed Rates**

Service	Unit	Area	Current	Refresh	% Change
Group Supported Employment - 2 or Fewer Members per Staff	Hour	ROS	\$19.25	\$20.38	5.9%
		NOVA	\$20.99	\$22.28	6.1%
Group Supported Employment - More Than 2, Up to 4 Members per Staff	Hour	ROS	\$13.52	\$14.15	4.7%
		NOVA	\$14.70	\$15.42	4.9%
Group Supported Employment - More Than 4 Members per Staff	Hour	ROS	\$11.21	\$11.64	3.8%
		NOVA	\$12.18	\$12.67	4.0%
Group Day Support, Tier 1	Hour	ROS	\$8.60	\$8.90	3.5%
		NOVA	\$10.01	\$10.43	4.2%
Group Day Support, Tier 2	Hour	ROS	\$11.25	\$11.75	4.4%
		NOVA	\$13.12	\$13.84	5.5%
Group Day Support, Tier 3	Hour	ROS	\$13.31	\$13.98	5.0%
		NOVA	\$15.55	\$16.42	5.6%
Group Day Support, Tier 4	Hour	ROS	\$17.34	\$18.33	5.7%
		NOVA	\$20.29	\$21.56	6.3%
Community Engagement, Tier 1	Hour	ROS	\$14.29	\$14.93	4.5%
		NOVA	\$16.19	\$17.02	5.1%
Community Engagement, Tier 2	Hour	ROS	\$16.01	\$16.79	4.9%
		NOVA	\$18.21	\$19.21	5.5%
Community Engagement, Tier 3	Hour	ROS	\$18.38	\$19.34	5.2%
		NOVA	\$21.01	\$22.26	5.9%
Community Engagement, Tier 4	Hour	ROS	\$22.61	\$23.90	5.7%
		NOVA	\$25.98	\$27.65	6.4%
Community Coaching and Workplace Assistance	Hour	ROS	\$29.24	\$31.02	6.1%
		NOVA	\$33.53	\$35.81	6.8%
Therapeutic Consultation, Therapists, Behavior Analysts, Rehab. Engineers	Hour	ROS	\$87.75	\$94.88	8.1%
		NOVA	\$92.85	\$100.40	8.1%
Therapeutic Consultation, Psychologist/ Psychiatrist	Hour	ROS	\$72.75	\$78.51	7.9%
		NOVA	\$83.71	\$90.33	7.9%
Therapeutic Consultation, Other Professionals	Hour	ROS	\$63.12	\$68.03	7.8%
		NOVA	\$70.69	\$76.26	7.9%
Independent Living Supports, Tier 1	Month	ROS	\$1,168.44	\$1,233.05	5.5%
		NOVA	\$1,366.21	\$1,449.33	6.1%
	Part.	ROS	\$584.22	\$616.53	5.5%
		NOVA	\$683.11	\$724.67	6.1%
Independent Living Supports, Tier 2	Month	ROS	\$1,945.28	\$2,058.72	5.8%
		NOVA	\$2,271.36	\$2,419.08	6.5%
	Part.	ROS	\$972.64	\$1,029.36	5.8%
		NOVA	\$1,135.68	\$1,209.54	6.5%
Community Guide	Hour	ROS	\$39.19	\$42.25	7.8%
		NOVA	\$49.62	\$53.58	8.0%
Peer Mentoring	Hour	ROS	\$24.47	\$25.96	6.1%
		NOVA	\$28.49	\$30.24	6.1%