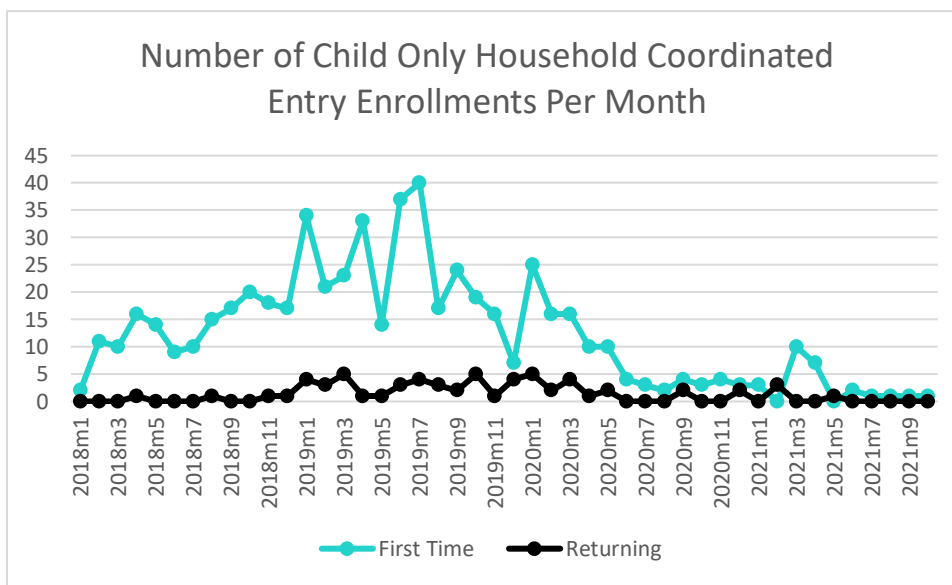


# Appendix E: Quantitative Data Analysis Tables and Charts

## Access and Assessment

### Access - Child Only Households

- The number of child only Households declined prior to June 1 2020. Few if any Child only household come into the system. It is not clear if this is a data issue, an access issue, or if child only households are being diverted to a different service response system.



### Assessment – Multiple Regression outputs

Models included include those where the Adjusted R Squared or the Pseudo R squared was .10 or greater.

#### Adults without Children

- Total Score Controlling for Agency

Source	SS	df	MS	Number of obs	=	3,678
Model	4667.85159	31	150.575858	F(31, 3646)	=	21.26
Residual	25817.7558	3,646	7.08111789	Prob > F	=	0.0000
				R-squared	=	0.1531
				Adj R-squared	=	0.1459
Total	30485.6074	3,677	8.29089132	Root MSE	=	2.661

vi_score	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
region					
Lehigh Valley	.2454076	.1686226	1.46	0.146	-.0851964 .5760117
Northern Tier	-.6307447	.2037504	-3.10	0.002	-1.030221 -.2312686
Pocono	-.3696259	.2113321	-1.75	0.080	-.7839668 .044715
South Central	-.0212992	.1533133	0.14	0.890	-.2792892 .3218876
Outside CoC	.0311499	.4057023	0.08	0.939	-.764276 .8265757
disability_clean	1.274492	.091997	13.85	0.000	1.094121 1.454862
age	-.0183887	.0037602	-4.89	0.000	-.0257611 -.0110163

Appendix E: Quantitative Data Analysis Tables and Charts

veteran_clean	-0.3931638	.1911894	-2.06	0.040	-.7680126	-.0183151
enrollment_org						
Bethlehem Emergency Sheltering	-1.692567	.5173477	-3.27	0.001	-2.706886	-.678247
Blair County Community Action Agency	.8956777	.1898645	4.72	0.000	.5234266	1.267929
Bradford County Human Services	.4374174	.3961999	1.10	0.270	-.3393781	1.214213
Center for Community Action	-.1789433	.2584382	-0.69	0.489	-.6856411	.3277545
Central Susquehanna Opportunities	-.8254889	.3932515	-2.10	0.036	-1.596504	-.0544741
Clinton County Housing Coalition	.9602955	.6584612	1.46	0.145	-.3306934	2.251284
Community Action Partnership of Somerset County	.2791193	.253192	1.10	0.270	-.2172927	.7755313
Community CARES	2.79207	.2044047	13.66	0.000	2.391311	3.192829
Cumberland County Housing Authority	3.949473	.4726558	8.36	0.000	3.022777	4.876169
Franklin County Human Services	-.2459079	.292398	-0.84	0.400	-.8191877	.3273719
Housing Transitions, Inc.	.3918331	.5765392	0.68	0.497	-.7385382	1.522205
Lehigh Conference of Churches	-.0097194	.2470282	-0.04	0.969	-.4940465	.4746078
Perry Housing Partnership	.4164919	.8963232	0.46	0.642	-1.340853	2.173836
Pocono Mountains United Way	2.322869	.8988094	2.58	0.010	.56065	4.085088
Resources for Human Development, Inc.	-.2416838	.3240882	-0.75	0.456	-.8770959	.3937282
STEP, Inc.	.6372953	.319561	1.99	0.046	.0107593	1.263831
Servants To All	-.146645	.5256121	-0.28	0.780	-1.177168	.8838779
Third Street Alliance for Women & Children	1.182056	.8113485	1.46	0.145	-.4086859	2.772798
Union-Snyder Community Action Agency	-2.070507	.6971198	-2.97	0.003	-3.437291	-.7037236
VA Healthcare - VISION 4	-1.545409	1.02848	-1.50	0.133	-3.561863	.4710446
Valley Youth House Committee, Inc.	1.814119	.7021814	2.58	0.010	.4374118	3.190826
Veterans Leadership Program of West. PA	-1.04222	1.346932	-0.77	0.439	-3.683035	1.598594
Veterans Multi-Service Center	-.3804176	.5350274	-0.71	0.477	-1.4294	.6685651
_cons	6.934906	.2062259	33.63	0.000	6.530576	7.339235

• Total Score Controlling for Enrollment Creator

Source	SS	df	MS	Number of obs	=	3,678
Model	6571.28594	101	65.0622371	F(101, 3576)	=	9.73
Residual	23914.3215	3,576	6.68745007	Prob > F	=	0.0000
				R-squared	=	0.2156
				Adj R-squared	=	0.1934
Total	30485.6074	3,677	8.29089132	Root MSE	=	2.586

vi_score	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
region					
Lehigh Valley	.1921627	.1659694	1.16	0.247	-.1332415 .517567
Northern Tier	-.5774895	.1993407	-2.90	0.004	-.9683223 -.1866566
Pocono	-.3268685	.2069837	-1.58	0.114	-.7326864 .0789495
South Central	.0658904	.1502768	0.44	0.661	-.2287463 .3605272
Outside CoC	.1504528	.3998436	0.38	0.707	-.6334916 .9343972
disability_clean	1.280035	.0917409	13.95	0.000	1.100166 1.459905
age	-.0199497	.0037068	-5.38	0.000	-.0272173 -.012682
veteran_clean	-.3934083	.1870277	-2.10	0.035	-.7601 -.0267166
en_created_by					
Adriana Madera	-.1706438	.4888775	-0.35	0.727	-1.129151 .7878628
Airika Pollard	-2.125503	1.004876	-2.12	0.034	-4.095691 -.1553151
Alexis Walters	-1.648677	1.500658	-1.10	0.272	-4.590908 1.293555
Alicia Lysinger	.2303483	.5279875	0.44	0.663	-.8048387 1.265535
Alina Monsalve	2.987568	.530041	5.64	0.000	1.948355 4.026782
Alisha Engle	.2452643	.2518515	0.97	0.330	-.2485227 .7390514
Allyson Long	-4.072481	1.499431	-2.72	0.007	-7.012307 -1.132656
Amanda Orner	.3904149	.8342533	0.47	0.640	-1.245245 2.026075
Amber Hodges	1.333334	1.301768	1.02	0.306	-1.218947 3.885616
Amber Urish	.0376621	.2335296	0.16	0.872	-.4202024 .4955266
Andrea Hammers	.5588516	1.066101	0.52	0.600	-1.531376 2.649079
Andrea Kehler	1.784981	2.591726	0.69	0.491	-3.296429 6.866391
Andrea Sanders	-1.205012	.5314018	-2.27	0.023	-2.246893 -.163131
Ariana M Hernandez	-1.565531	.3717987	-4.21	0.000	-2.29449 -.8365723
Arnold M. Matos	-2.223892	.5122978	-4.34	0.000	-3.228318 -1.219467
As-Sata Hall	-.4059126	.6563602	-0.62	0.536	-1.692791 .8809653
Ashley Wright	-1.459301	.9895546	-1.47	0.140	-3.399179 .4811172
Benjamin David Maust	2.82488	2.591575	1.09	0.276	-2.256232 7.905993
Beth Kempf	-1.488512	.9285118	-1.60	0.109	-3.308978 .3319536
Beverly Foor	-.1574904	.581572	-0.27	0.787	-1.297737 .9827557
Carol Mausteller	-5.014782	2.591773	-1.93	0.053	-10.09628 .0667195
Cathryn Harpster	-.8890966	1.165722	-0.76	0.446	-3.174644 1.396451
Cecilia Gerlach	1.289055	.7123484	1.81	0.070	-.107595 2.685705
Cheryl Scheffey	-.1548075	.8771727	-0.18	0.860	-1.874616 1.565001
Chris Kapp	3.366248	.4709593	7.15	0.000	2.442873 4.289624
Christina DiPierro	.5935582	2.592486	0.23	0.819	-4.489341 5.676457
Christine Boonie	-.5872433	.6430193	-0.91	0.361	-1.847965 .673478
Claire Holly	-.6168011	.2130124	-2.90	0.004	-1.034439 -.1991631
Dakota Griffis	-.2967714	.4795122	-0.62	0.536	-1.236916 .6433734
David Hunter	-1.384165	.5535583	-2.50	0.012	-2.469487 -.2988432
Donna Bilger	-6.294818	2.592094	-2.43	0.015	-11.37695 -.1212688
Dorie Dobak	-1.591289	.7089746	-2.24	0.025	-2.981325 -.2012542
Eileen Ondra	-.6289227	.2515118	-2.50	0.012	-1.122044 -.1358017
Elisa Snook	-.9781559	.5300637	-1.85	0.065	-2.017413 .0611016
Elizabeth Bogart	-1.868201	2.59472	-0.72	0.472	-6.955481 3.219079
Erica Matko	1.152531	.3603475	3.20	0.001	.4460239 1.859039
Francisco Figueroa	-.5957723	.2864468	-2.08	0.038	-1.157388 -.0341569
Greg Lynn	.9511534	.9256121	1.03	0.304	-.8636273 2.765934
Hannah Brubaker	-1.846317	.4426847	-4.17	0.000	-2.714257 -.978377
Hasani Worme	-3.688654	2.594208	-1.42	0.155	-8.774929 1.397622
Hayley Miller	-1.683017	1.313134	-1.28	0.200	-4.257584 .89155
Ian Sanchez	-1.275402	.426343	-2.99	0.003	-2.111302 -.4395022
Jackie Condor	.3280321	.6488721	0.51	0.613	-.9441644 1.600229
Jacqueline Hersh	-.8091062	.4537903	-1.78	0.075	-1.69882 .0806075
Jeanette Triano Sinn	-4.974883	2.591633	-1.92	0.055	-10.05611 .1063442

Appendix E: Quantitative Data Analysis Tables and Charts

Jessica Velazquez-Torres	-.4813083	.2983724	-1.61	0.107	-1.066305	.1036888
Jonna Varano	-2.361327	1.844148	-1.28	0.200	-5.977015	1.25436
Josiah Walker	-1.210975	1.302114	-0.93	0.352	-3.763936	1.341987
Judith Evans	-.6383498	.6402403	-1.00	0.319	-1.893623	.616923
Julie Kennedy	.1517873	.288047	0.53	0.598	-.4129656	.7165403
Karen Shaw	-.3039719	.3520052	-0.86	0.388	-.994123	.3861791
Kate Anderson	-1.12689	.2407089	-4.68	0.000	-1.59883	-.6549492
Kathy Williams	-1.915626	.9278191	-2.06	0.039	-3.734734	-.0965182
Keara Reilly	-2.201111	2.590554	-0.85	0.396	-7.280222	2.878001
Kellie Le	-1.087775	.9860984	-1.10	0.270	-3.021147	.8455964
Kyle Peters	-.331274	.2687403	-1.23	0.218	-.8581737	.1956256
Lauren Leshner	-1.381817	.2498039	-5.53	0.000	-1.871589	-.892044
Leslie Perryman	-1.073594	.773615	-1.39	0.165	-2.590365	.4431769
Leslie Wolf	-.8954543	1.835381	-0.49	0.626	-4.493953	2.703044
Lexington Abbott	2.132539	2.595865	0.82	0.411	-2.956985	7.222063
Lisa Balog	-.6590304	.2869197	-2.30	0.022	-1.221573	-.0964878
Madelyn Gates	-.8030838	.3108096	-2.58	0.010	-1.412466	-.193702
Maria Schramm	1.725066	.8796481	1.96	0.050	.0004033	3.449728
Mary Danilooff	5.418069	2.590842	2.09	0.037	.3383917	10.49775
Mary Morales	-.5806014	.530477	-1.09	0.274	-1.620669	.4594664
Mary Price	.7984523	.4236514	1.88	0.060	-.0321703	1.629075
Mary Sturdevant	.0005668	.4687121	0.00	0.999	-.9184031	.9195366
Melissa Campos	-.0542443	1.500952	-0.04	0.971	-2.997052	2.888564
Michaela Beardsley	.3041952	.675449	0.45	0.652	-1.020109	1.628499
Michelle Mellott	-1.362025	.7608267	-1.79	0.074	-2.853723	.1296728
Natasha Brubaker	-.8142159	.9256497	-0.88	0.379	-2.62907	1.000638
Netoya Nevarez	-1.966339	.5658189	-3.48	0.001	-3.075699	-.8569785
Nicholas Bross	-1.382373	.2363314	-5.85	0.000	-1.845731	-.9190153
Nichole Miller	-2.297344	.7693188	-2.99	0.003	-3.805692	-.7889964
Peter Richardson	-2.592033	1.075325	-2.41	0.016	-4.700345	-.4837218
Rafael Fontones	-.0208797	.695358	-0.03	0.976	-1.384218	1.342458
Ray Shaull	1.627448	.2544749	6.40	0.000	1.128517	2.126378
Roberta Moppin	-2.344513	.7342344	-3.19	0.001	-3.784073	-.9049531
Samantha Brooke Ochs	1.155104	1.064329	1.09	0.278	-.9316478	3.241857
Scott Rave	.1494677	.6055701	0.25	0.805	-1.03783	1.336765
Sebrena Confer	-2.210395	.7338978	-3.01	0.003	-3.649295	-.7714948
Shannon Gority	-1.741528	2.590497	-0.67	0.501	-6.820529	3.337472
Shelby Mancell	-1.458475	.4595869	-3.17	0.002	-2.359554	-.5573961
Simone McRae	4.970845	.4239407	11.73	0.000	4.139655	5.802035
Stacy Yurko	-.8777391	.3028258	-2.90	0.004	-1.471468	-.2840104
Sundareen Hoy	.2220589	1.167293	0.19	0.849	-2.066567	2.510685
Terushia Jackson	-1.8018	.4383272	-4.11	0.000	-2.661197	-.942404
Tiffany Jones	-.9993536	1.498811	-0.67	0.505	-3.937963	1.939256
Tonya M. Peifer	-1.252353	1.165685	-1.07	0.283	-3.537827	1.033122
Trisha Miller	-2.581931	2.590842	-1.00	0.319	-7.661608	2.497746
Tyler Wolfe	-.3989281	.6630142	-0.60	0.547	-1.698852	.9009959
Whitley Nolan	-1.556291	1.301173	-1.20	0.232	-4.107406	.9948247
Zenayda Alicea	.9071735	.9270365	0.98	0.328	-.9103999	2.724777
_cons	7.593323	.2296079	33.07	0.000	7.143147	8.043498

• Likelihood of 8+ Controlling for Enrollment Creator

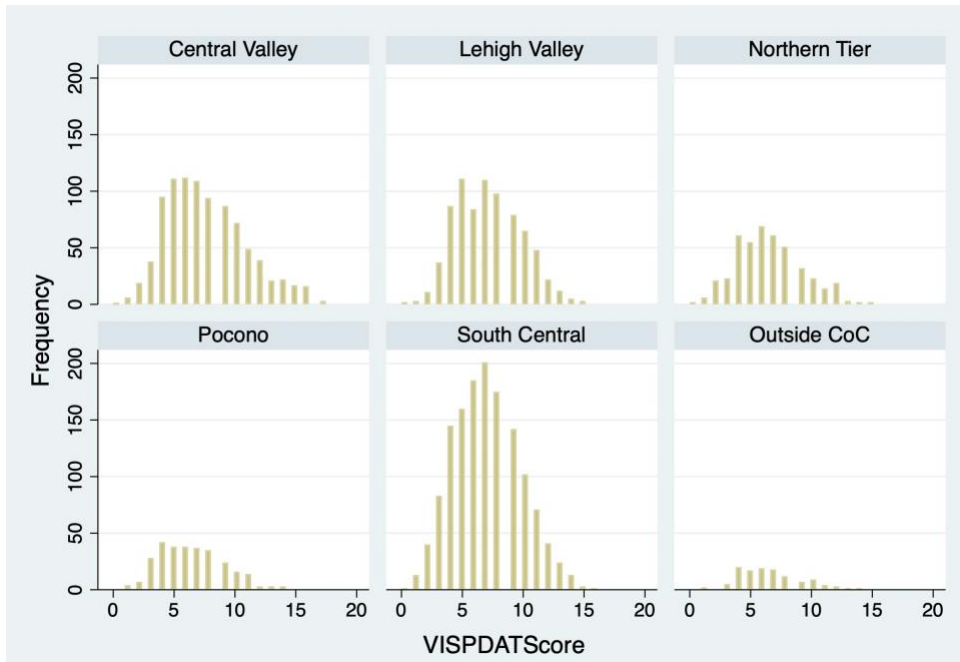
Logistic regression	Number of obs	=	3,651
	LR chi2(84)	=	544.95
	Prob > chi2	=	0.0000
Log likelihood = -2190.8766	Pseudo R2	=	0.1106

individual_housing_priority	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
region					
Lehigh Valley	1.237217	.1705676	1.54	0.123	.9442693 1.621048
Northern Tier	.7717013	.1333901	-1.50	0.134	.5499426 1.082882
Pocono	.9377296	.1644854	-0.37	0.714	.6649208 1.322468
South Central	1.146366	.145049	1.08	0.280	.8945839 1.469011
Outside CoC	1.118165	.3816217	0.33	0.743	.5727917 2.182805
age	.9785571	.00316	-6.71	0.000	.9723831 .9847703
disability_clean	2.532698	.2026349	11.61	0.000	2.165115 2.962688
veteran_clean	.7298287	.1212354	-1.90	0.058	.5270158 1.010691
en_created_by					
Adriana Madera	.7549559	.2944221	-0.72	0.471	.3515321 1.621355
Airika Pollard	.2010728	.2232546	-1.44	0.149	.0228165 1.771972
Alexis Walters	.7669838	.9591848	-0.21	0.832	.0661119 8.898014
Alicia Lysinger	1.232358	.5170607	0.50	0.619	.5414994 2.804631
Alina Monsalve	34.49674	35.68114	3.42	0.001	4.543093 261.9416
Alisha Engle	.8174713	.1669065	-0.99	0.324	.5478721 1.219736
Alyson Long	1	(empty)			
Amanda Orner	1.744648	1.168193	0.83	0.406	.4696285 6.481284
Amber Hodges	2.96606	3.44842	0.94	0.350	.3037739 28.96073
Amber Urish	.9474407	.1770305	-0.29	0.773	.6569071 1.366647
Andrea Hammers	.6184869	.5495438	-0.54	0.589	.1083959 3.528971
Andrea Kehler	1	(empty)			
Andrea Sanders	.3520769	.1726385	-2.13	0.033	.1346656 .9204886
Ariana M Hernandez	.2944686	.1026243	-3.51	0.000	.1487269 .5830266
Arnold M. Matos	.1883593	.1061397	-2.96	0.003	.0624221 .5683759
As-Sata Hall	.4400002	.2511663	-1.44	0.150	.143734 1.346933
Ashley Wright	.1757438	.194132	-1.57	0.115	.0201658 1.531593
Benjamin David Maust	1	(empty)			
Beth Kempf	.2992696	.252545	-1.43	0.153	.0572477 1.56447
Beverly Foor	.7977768	.3758606	-0.48	0.632	.3168476 2.008687
Carol Mausteller	1	(empty)			
Cathryn Harpster	.5385478	.5048772	-0.66	0.509	.0857513 3.382266
Cecilia Gerlach	1.833642	1.130873	0.98	0.326	.5474547 6.141594
Cheryl Scheffey	1.660348	1.151551	0.73	0.465	.4264222 6.464848
Chris Kapp	5.42948	2.575764	3.57	0.000	2.142621 13.7585

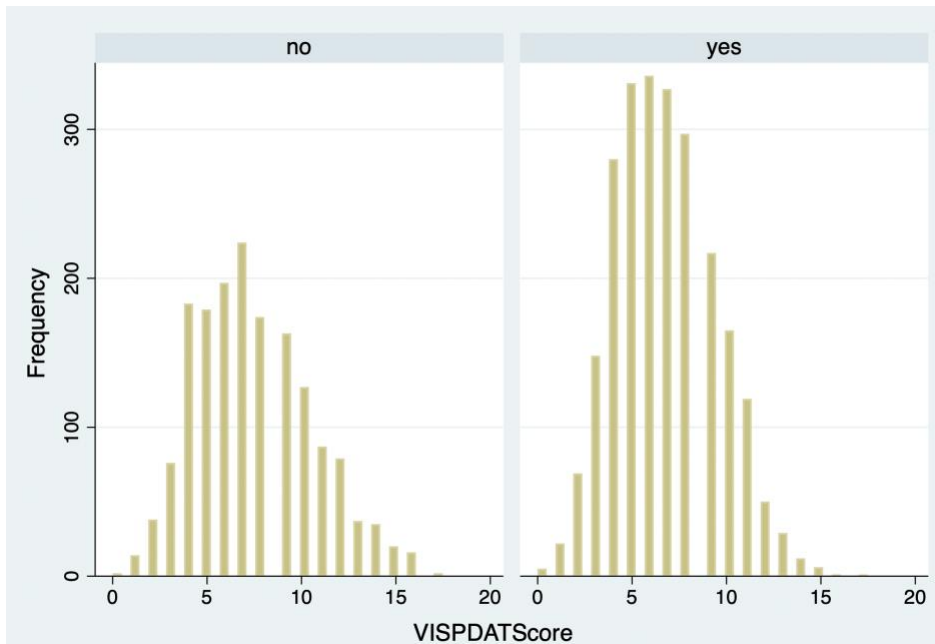
Appendix E: Quantitative Data Analysis Tables and Charts

Christina DiPierro	1	(empty)							
Christine Boonie	.3521474	.2084667	-1.76	0.078	.1103632	1.123634			
Claire Holly	.7554636	.1306751	-1.62	0.105	.538243	1.060349			
Dakota Griffis	.7187899	.2985099	-0.80	0.427	.3184946	1.62219			
David Hunter	.3299253	.1734037	-2.11	0.035	.1177706	.9242601			
Donna Bilger	1	(empty)							
Dorie Dobak	.2155114	.1689389	-1.96	0.050	.0463677	1.001671			
Eileen Ondra	.6060048	.1241818	-2.44	0.015	.4055542	.9055309			
Elisa Snook	.6985086	.3134802	-0.80	0.424	.2898446	1.683365			
Elizabeth Bogart	1	(empty)							
Erica Matko	2.94908	.928022	3.44	0.001	1.591581	5.464422			
Francisco Figueroa	.6030998	.1380879	-2.21	0.027	.3850304	.9446771			
Greg Lynn	1.135178	.8316923	0.17	0.863	.2700401	4.771993			
Hannah Brubaker	.2631375	.1218192	-2.88	0.004	.1061989	.6519968			
Hasani Worme	1	(empty)							
Hayley Miller	.2880728	.340455	-1.05	0.292	.0284133	2.920676			
Ian Sanchez	.4052249	.1485975	-2.46	0.014	.1974955	.8314478			
Jackie Condor	1.098447	.5681147	0.18	0.856	.3986015	3.027045			
Jacqueline Hersh	.4045034	.1569053	-2.33	0.020	.189123	.865167			
Jeanette Triano Sinn	1	(empty)							
Jessica Velazquez-Torres	.830262	.1990774	-0.78	0.438	.5189398	1.328353			
Jonna Varano	1	(empty)							
Josiah Walker	1.373929	1.386436	0.31	0.753	.1901141	9.929201			
Judith Evans	.2618148	.1740676	-2.02	0.044	.0711333	.963642			
Julie Kennedy	1.067062	.2438628	0.28	0.776	.6818034	1.670016			
Karen Shaw	.7171307	.2105181	-1.13	0.257	.403388	1.274893			
Kate Anderson	.4274299	.0895177	-4.06	0.000	.2835277	.6443684			
Kathy Williams	.1894191	.2055144	-1.53	0.125	.0225889	1.588376			
Keara Reilly	1	(empty)							
Kellie Le	.1819138	.1996309	-1.55	0.120	.0211721	1.563033			
Kyle Peters	.7292217	.1589816	-1.45	0.148	.4756467	1.117982			
Lauren Leshner	.3701643	.0816069	-4.51	0.000	.2402911	.5702318			
Leslie Perryman	.4179137	.2965232	-1.23	0.219	.1040236	1.678965			
Leslie Wolf	1.151735	1.718852	0.09	0.925	.0618042	21.46285			
Lexington Abbott	1	(empty)							
Lisa Balog	.6968574	.1613382	-1.56	0.119	.4426612	1.097024			
Madelyn Gates	.571202	.1480181	-2.16	0.031	.3437273	.9492166			
Maria Schramm	5.119659	4.226481	1.98	0.048	1.015174	25.81913			
Mary Daniloff	1	(empty)							
Mary Morales	.7307797	.3192844	-0.72	0.473	.3103763	1.720617			
Mary Price	1.154453	.3965782	0.42	0.676	.5888043	2.263504			
Mary Sturdevant	.7979784	.303336	-0.59	0.553	.3788117	1.680966			
Melissa Campos	.5208154	.6535872	-0.52	0.603	.0445128	6.093723			
Michaela Beardsley	.7702594	.4240722	-0.47	0.635	.2618192	2.266066			
Michelle Mellott	.2768741	.2201775	-1.61	0.106	.0582619	1.31577			
Natasha Brubaker	.3897919	.3224558	-1.14	0.255	.0770327	1.972379			
Netoya Nevarez	.1662917	.1078667	-2.77	0.006	.046637	.5929396			
Nicholas Bross	.3602856	.074331	-4.95	0.000	.2404552	.539833			
Nichole Miller	.1497529	.1593145	-1.78	0.074	.0186134	1.204829			
Peter Richardson	1	(empty)							
Rafael Fontones	.607513	.3793472	-0.80	0.425	.1786664	2.065705			
Ray Shaull	2.111435	.4428462	3.56	0.000	1.399746	3.184976			
Roberta Moppin	.0948163	.1002884	-2.23	0.026	.0119277	.7537203			
Samantha Brooke Ochs	2.326324	2.05958	0.95	0.340	.4102704	13.19077			
Scott Rave	1.289741	.6254684	0.52	0.600	.4985476	3.336555			
Sebrena Confer	.0917177	.0965706	-2.27	0.023	.011647	.7222584			
Shannon Gority	1	(empty)							
Shelby Mancell	.4718037	.1830428	-1.94	0.053	.2205596	1.009245			
Simone McRae	13.73503	7.518434	4.79	0.000	4.697741	40.15779			
Stacy Yurko	.5229584	.1312229	-2.58	0.010	.3198012	.8551734			
Sundareen Hoy	1.381769	1.283165	0.35	0.728	.2238599	8.528935			
Terushia Jackson	.3426218	.1392895	-2.63	0.008	.1544427	.7600858			
Tiffany Jones	1	(empty)							
Tonya M. Peifer	.3125773	.3554546	-1.02	0.306	.0336507	2.903496			
Trisha Miller	1	(empty)							
Tyler Wolfe	.8279193	.4451644	-0.35	0.725	.2886057	2.375041			
Whitley Nolan	.2481473	.2930666	-1.18	0.238	.0245146	2.511854			
Zenayda Alicea	2.011137	1.548485	0.91	0.364	.4446877	9.095536			
_cons	1.355927	.262049	1.58	0.115	.9283918	1.980346			

- Charts observing regional differences:



- Charts observing 211 vs non-211 differences



Adults With Children

• Total Scores Controlling for Agency

Source	SS	df	MS	Number of obs	=	2,130
Model	3295.28769	28	117.688846	F(28, 2101)	=	12.24
Residual	20208.7104	2,101	9.61861515	Prob > F	=	0.0000
				R-squared	=	0.1402
				Adj R-squared	=	0.1287
				Root MSE	=	3.1014
Total	23503.9981	2,129	11.039924			

vi_score	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
region					
Lehigh Valley	-.012894	.2514231	-0.05	0.959	-.5059584 .4801703
Northern Tier	.1416643	.3076746	0.46	0.645	-.4617145 .7450431
Pocono	-.957435	.2917143	-3.28	0.001	-1.529514 -.3853558
South Central	-.4952822	.2572623	-1.93	0.054	-.9997977 .0092334
Outside CoC	1.305011	.5870393	2.22	0.026	.1537724 2.456251
disability_clean	1.309961	.1546128	8.47	0.000	1.006751 1.613171
age	-.0014455	.0068753	-0.21	0.834	-.0149287 .0120377
veteran_clean	-.086169	.406492	-0.21	0.832	-.8833379 .7109999
enrollment_org					
Blair County Community Action Agency	1.82354	.2702254	6.75	0.000	1.293603 2.353478
Bradford County Human Services	-1.940773	.5429373	-3.57	0.000	-3.005524 -.8760217
Center for Community Action	-1.1309879	.4708129	-2.38	0.019	-1.994296 -.2276802
Central Susquehanna Opportunities	-1.317317	.779365	-1.69	0.091	-2.845725 .2110905
Clinton County Housing Coalition	3.260189	1.058401	3.08	0.002	1.184567 5.335812
Community Action Partnership of Somerset County	-1.1250748	.4595763	-2.45	0.014	-1.9997977 .0092334
Community CARES	1.597953	.4210438	3.80	0.000	.7722469 2.423659
Cumberland County Housing Authority	3.849644	.4214	9.14	0.000	3.023239 4.676048
Franklin County Human Services	-.0526536	.5065261	-0.10	0.917	-1.045999 .9406916
Housing Transitions, Inc.	-1.081146	1.562632	-0.69	0.489	-4.145613 1.983321
Lehigh Conference of Churches	-1.290365	.5542441	-2.33	0.020	-2.377289 -.2034402
Perry Housing Partnership	.2070433	1.056388	0.20	0.845	-1.864633 2.27872
Pocono Mountains United Way	1.261054	.6510865	1.94	0.053	-.0157873 2.537896
Resources for Human Development, Inc.	-.7072472	1.403218	-0.50	0.614	-3.45909 2.044595
STEP, Inc.	-.2161501	.4842962	-0.45	0.655	-1.1659 .7336002
Servants To All	.3677448	1.807198	0.20	0.839	-3.176341 3.91183
Third Street Alliance for Women & Children	1.52096	.5241779	2.90	0.004	.4929982 2.548922
Union-Snyder Community Action Agency	-1.54215	.8499467	-1.81	0.070	-3.208975 .1246755
Valley Youth House Committee, Inc.	1.307236	.7932746	1.65	0.100	-.2484502 2.862921
Veterans Multi-Service Center	-2.886764	1.264459	-2.28	0.023	-5.366488 -.4070411
_cons	8.60054	.3203892	26.84	0.000	7.972227 9.228853

• Total Scores Controlling for Enrollment Creator

Source	SS	df	MS	Number of obs	=	2,130
Model	5511.73492	89	61.9296058	F(89, 2040)	=	7.02
Residual	17992.2632	2,040	8.81973687	Prob > F	=	0.0000
				R-squared	=	0.2345
				Adj R-squared	=	0.2011
				Root MSE	=	2.9698
Total	23503.9981	2,129	11.039924			

vi_score	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
region					
Lehigh Valley	-.1355295	.2448962	-0.55	0.580	-.6158022 .3447431
Northern Tier	.1039567	.2960644	0.35	0.726	-.4766634 .6845768
Pocono	-.9245053	.2807797	-3.29	0.001	-1.47515 -.3738605
South Central	-.4609834	.2491617	-1.85	0.064	-.9496214 .0276545
Outside CoC	1.224593	.5726046	2.14	0.033	.1016427 2.347544
disability_clean	1.351892	.1504456	8.99	0.000	1.056849 1.646935
age	-.0047428	.0068057	-0.70	0.486	-.0180897 .008604
veteran_clean	-.013662	.3922151	-0.03	0.972	-.7828459 .755522
en_created_by					
Adriana Madera	1.302711	2.979082	0.44	0.662	-4.539649 7.14507
Alexandria Strange	4.659346	2.977232	1.56	0.118	-1.179386 10.49808
Alicia Lysinger	.0938763	1.073129	0.09	0.930	-2.010667 2.19842
Alina Monsalve	1.523816	2.980073	0.51	0.609	-4.320487 7.368119
Alisha Engle	.0025711	.3530421	0.01	0.994	-.6897895 .6949316
Alyson Long	-1.991486	2.978033	-0.67	0.504	-7.831789 3.848817
Amanda Orner	-1.750149	.6632492	-2.64	0.008	-3.050865 -.4494325
Amber Hodges	-2.495155	2.98028	-0.84	0.403	-8.339864 3.349553
Amber Urish	.5265533	.3484033	1.51	0.131	-.1567099 1.209816
Andrea Hammers	.5861248	1.500738	0.39	0.696	-2.357014 3.529264
Andrea Sanders	-1.1684929	.7612664	-1.52	0.131	-2.661433 1.324448
April Edwards	-8.660189	2.982613	-2.90	0.003	-14.53265 -2.787723
April Hileman	3.647136	2.979356	1.22	0.221	-2.195761 9.490033
Ariana M Hernandez	-1.268394	.4896584	-2.59	0.010	-2.228676 -.3081111
Ashley Wright	-3.326426	2.977287	-1.12	0.264	-9.165265 2.512414
Beth Kempf	-2.016144	1.351655	-1.49	0.136	-4.666911 .6346232
Beverly Foor	.7129977	.9616722	0.74	0.459	-1.172964 2.598959
Carol Mausteller	2.885434	2.127463	1.36	0.175	-1.286792 7.05766
Cathryn Harpster	-6.005715	2.97793	-2.02	0.044	-11.84582 -.1656141
Cecilia Gerlach	-1.345828	1.23306	-1.09	0.275	-3.764015 1.072359
Cheryl Scheffey	-.7562017	1.021907	-0.74	0.459	-2.760292 1.247889
Chris Kapp	2.95045	.4274246	6.90	0.000	2.112216 3.788685

Appendix E: Quantitative Data Analysis Tables and Charts

Christina DiPierro	1.562324	1.143748	1.37	0.172	-.6807114	3.80536
Christine Boonie	-.2420968	1.231598	-0.20	0.844	-2.657417	2.173223
Claire Holly	-1.598169	.3083494	-5.18	0.000	-2.202882	-.9934567
Dakota Griffis	-1.29688	.6405883	-2.02	0.043	-2.553155	-.0406047
David Hunter	-2.212897	1.005947	-2.20	0.028	-4.185687	-.2401069
Donna Bilger	-3.428755	2.980644	-1.15	0.250	-9.274178	2.416667
Dorie Dobak	-2.774307	1.15015	-2.41	0.016	-5.029898	-.5187156
Eileen Ondra	-.5214938	.3532446	-1.48	0.140	-1.214251	.1712639
Elisa Snook	-3.831516	1.219882	-3.14	0.002	-6.22386	-1.439172
Erica Matko	1.34068	.3928695	3.41	0.001	.5702129	2.111147
Francisco Figueroa	-2.187552	.5656647	-3.87	0.000	-3.296893	-1.078212
Greg Lynn	.2261306	1.72814	0.13	0.896	-3.162973	3.615234
Hannah Brubaker	-.9523199	.8122207	-1.17	0.241	-2.545188	.6405486
Ian Sanchez	-.7085947	.5864517	-1.21	0.227	-1.858701	.4415119
Jackie Condor	2.387891	1.022425	2.34	0.020	.3827851	4.392997
Jacqueline Hersh	-3.260855	.6557258	-4.97	0.000	-4.546817	-1.974893
Jessica Velazquez-Torres	-2.012098	.4602796	-4.37	0.000	-2.914765	-1.109431
Jonna Varano	-.8755046	2.983051	-0.29	0.769	-6.725648	4.974639
Josiah Walker	1.961085	2.111873	0.93	0.353	-2.180566	6.102737
Judith Evans	-3.154303	.9787095	-3.22	0.001	-5.073677	-1.234929
Julie Kennedy	.6725097	.3940533	1.71	0.088	-.1002791	1.445299
Karen Shaw	.7136787	.7143396	1.00	0.318	-.6872325	2.11459
Kate Anderson	-1.108316	.3500984	-3.17	0.002	-1.794904	-.4217287
Kathy Williams	-3.901031	1.351118	-2.89	0.004	-6.550745	-1.251317
Kellie Le	-1.970822	1.724724	-1.14	0.253	-5.353227	1.411582
Kyle Peters	-1.543908	.3809139	-4.05	0.000	-2.290929	-.7968874
Lauren Leshner	-2.168091	.357325	-6.07	0.000	-2.868851	-1.467331
Leslie Perryman	-.9225423	2.982883	-0.31	0.757	-6.772356	4.927272
Leslie Wolf	2.485873	2.980735	0.83	0.404	-3.359728	8.331475
Lisa Balog	-1.287689	.3808505	-3.38	0.001	-2.034585	-.5407921
Madelyn Gates	-2.146526	.4244649	-5.06	0.000	-2.978956	-1.314096
Maria Schramm	.3788834	.6394422	0.59	0.554	-.8751444	1.632911
Mary Morales	-.6142225	1.73718	-0.35	0.724	-4.021054	2.792609
Mary Price	-1.024738	.7156225	-1.43	0.152	-2.428165	.3786892
Mary Sturdevant	-2.825645	.6064354	-4.66	0.000	-4.014942	-1.636348
Matthew Poll	-.8656331	2.984282	-0.29	0.772	-6.718191	4.986925
Melissa Campos	-.6984892	.919706	-0.76	0.448	-2.50215	1.105172
Michaela Beardsley	-1.699168	2.114786	-0.80	0.422	-5.846533	2.448197
Michelle Mellott	-2.340629	1.728649	-1.35	0.176	-5.730729	1.049471
Netoya Nevarez	-2.513736	2.980608	-0.84	0.399	-8.359087	3.331616
Nicholas Bross	-1.840412	.3773571	-4.88	0.000	-2.580457	-1.100367
Nichole Miller	-.7491271	1.083155	-0.69	0.489	-2.873333	1.375078
Patricia Espinosa-Vargas	-4.31694	2.977402	-1.45	0.147	-10.156	1.522124
Rafael Fontones	-1.475793	2.981756	-0.49	0.621	-7.323397	4.37181
Ray Shaull	.7061749	.6269228	1.13	0.260	-.5233007	1.93565
Roberta Moppin	.8383843	2.114305	0.40	0.692	-3.308038	4.984806
Samantha Brooke Ochs	.2149503	1.497796	0.14	0.886	-2.722419	3.15232
Scott Rave	-1.352995	1.064213	-1.27	0.204	-3.440053	.7340635
Sebrena Confer	-3.339391	.9251223	-3.61	0.000	-5.153674	-1.525108
Shelby Mancell	-1.681661	.670355	-2.51	0.012	-2.996313	-.3670093
Simone McRae	5.972221	.860369	6.94	0.000	4.284927	7.659514
Stacy Yurko	-1.016552	.5065136	-2.01	0.045	-2.009889	-.0232137
Sundareen Hoy	.6562091	1.728648	0.38	0.704	-2.73389	4.046308
Terushia Jackson	-3.041965	.7519799	-4.05	0.000	-4.516693	-1.567237
Tiffany Jones	-1.029429	2.978069	-0.35	0.730	-6.869802	4.810944
Timothy Joyce	1.485134	1.729453	0.86	0.391	-1.906545	4.876813
Tyler Wolfe	-.6927759	1.733696	-0.40	0.689	-4.092775	2.707223
Whitley Nolan	-1.560257	2.112715	-0.74	0.460	-5.703561	2.583047
Zenayda Alicea	1.275584	.606816	2.10	0.036	.0855405	2.465628
_cons	9.642183	.3494817	27.59	0.000	8.956805	10.32756

• Likelihood of 9+ Controlling for Enrollment Creator

Logistic regression	Number of obs	=	2,278
	LR chi2(63)	=	400.77
	Prob > chi2	=	0.0000
Log likelihood = -1365.9372	Pseudo R2	=	0.1279

family_housing_priority	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
en_created_by					
Adriana Madera	1	(empty)			
Alexandria Strange	1	(empty)			
Alicia Lysinger	.9555769	.7190784	-0.06	0.952	.2186404 4.176388
Alina Monsalve	1	(empty)			
Alisha Engle	.8936276	.2155475	-0.47	0.641	.5569837 1.433741
Alyson Long	1	(empty)			
Amanda Orner	.4113232	.1872373	-1.95	0.051	.1685427 1.003821
Amber Hodges	1	(empty)			
Amber Urish	1.559228	.3924097	1.76	0.078	.9521129 2.553471
Andrea Hammers	.5230791	.5353514	-0.63	0.527	.0703712 3.88812
Andrea Sanders	.7975367	.4185434	-0.43	0.666	.2851309 2.230782
April Edwards	1	(empty)			
April Hileman	1	(empty)			
Ariana M Hernandez	.513677	.1724271	-1.98	0.047	.2660513 .9917789
Ashley Wright	1	(empty)			
Beth Kempf	.1064325	.1218038	-1.96	0.050	.0112964 1.002788
Beverly Foor	1.551625	1.096524	0.62	0.534	.3883722 6.199057
Carol Mausteller	1	(empty)			
Cathryn Harpster	1	(empty)			
Cecilia Gerlach	1.266196	1.1202656	0.27	0.790	.2234287 7.175676
Cheryl Scheffey	.4463236	.3121831	-1.15	0.249	.1133112 1.758032
Chris Kapp	15.07608	9.156527	4.47	0.000	4.584661 49.57579
Christina DiPierro	4.286988	4.679469	1.33	0.182	.5046868 36.4152
Christine Boonie	.3203906	.2833428	-1.29	0.198	.0566116 1.813235
Claire Holly	.5259359	.1083643	-3.12	0.002	.3511968 .787617
Dakota Griffis	.5011954	.2180033	-1.59	0.112	.2136794 1.175578
David Hunter	.217315	.1537561	-2.16	0.031	.0543053 .8696353

Donna Bilger	1	(empty)								
Dorie Dobak	.1628767	.1368537	-2.16	0.031	.0313801	.8454013				
Eileen Ondra	.9221924	.1980773	-0.38	0.706	.6053302	1.404917				
Elisa Snook	.1046533	.0932637	-2.53	0.011	.0182469	.6002283				
Erica Matko	2.840709	.8098193	3.66	0.000	1.624685	4.966887				
Francisco Figueroa	.3467197	.1299595	-2.83	0.005	.166313	.722821				
Greg Lynn	1.180923	1.469772	0.13	0.894	.1029957	13.54016				
Hannah Brubaker	.3310277	.1864196	-1.96	0.050	.1097758	.9982101				
Ian Sanchez	.5534018	.1989879	-1.65	0.100	.2735093	1.119719				
Jackie Conдор	1.581867	1.078643	0.67	0.501	.4156739	6.019869				
Jacqueline Hersh	.1143255	.0656045	-3.78	0.000	.037127	.3520433				
Jessica Velazquez-Torres	.2166585	.0755825	-4.38	0.000	.1093527	.4292617				
Jonna Varano	1	(empty)								
Josiah Walker	1	(empty)								
Judith Evans	.4019377	.2679322	-1.37	0.172	.1088295	1.484468				
Julie Kennedy	1.602587	.4470557	1.69	0.091	.9276231	2.768674				
Karen Shaw	2.017625	1.087305	1.30	0.193	.7016574	5.801708				
Kate Anderson	.5474456	.1284357	-2.57	0.010	.3456539	.8670428				
Kathy Williams	1	(empty)								
Kellie Le	.2684053	.3389279	-1.04	0.298	.0225912	3.188916				
Kyle Peters	.4291683	.1117941	-3.25	0.001	.2575717	.7150843				
Lauren Leshner	.2592769	.0679248	-5.15	0.000	.1551558	.4332711				
Leslie Perryman	1	(empty)								
Leslie Wolf	1	(empty)								
Lisa Balog	.6527191	.166057	-1.68	0.094	.3964366	1.074679				
Madelyn Gates	.2551914	.0767063	-4.54	0.000	.1415824	.4599631				
Maria Schramm	1.457918	.6320341	0.87	0.384	.6233355	3.409923				
Mary Morales	.9590792	1.19631	-0.03	0.973	.0831967	11.05613				
Mary Price	.5098242	.2502061	-1.37	0.170	.1948394	1.334026				
Mary Sturdevant	.131411	.0601311	-4.44	0.000	.0535967	.3221996				
Matthew Poll	1	(empty)								
Melissa Campos	.8267362	.5172471	-0.30	0.761	.2425566	2.817869				
Michaela Beardsley	.7437319	1.072379	-0.21	0.837	.0440634	12.5532				
Michelle Mellott	.3587683	.4426752	-0.83	0.406	.0319549	4.028008				
Netoya Nevarez	1	(empty)								
Nicholas Bross	.3918574	.0988117	-3.72	0.000	.2390491	.6423461				
Nichole Miller	.5103303	.3745771	-0.92	0.359	.1210817	2.15092				
Patricia Espinosa-Vargas	1	(empty)								
Rafael Fontones	1	(empty)								
Ray Shaull	1.053174	.4841978	0.11	0.910	.42772	2.593229				
Roberta Moppin	1	(empty)								
Samantha Brooke Ochs	1.54332	1.816892	0.37	0.712	.1535922	15.50755				
Scott Rave	.4235746	.3166137	-1.15	0.250	.0978754	1.833101				
Sebrena Confer	.0503716	.0536119	-2.81	0.005	.006255	.4056423				
Shelby Mancell	.4434386	.2021889	-1.78	0.075	.1814355	1.083789				
Simone McRae	1	(empty)								
Stacy Yurko	.5303991	.1813573	-1.85	0.064	.2713656	1.036695				
Sundareen Hoy	1.435073	1.770701	0.29	0.770	.1278197	16.11203				
Terushia Jackson	.0801065	.0617219	-3.28	0.001	.0176937	.3626741				
Tiffany Jones	1	(empty)								
Timothy Joyce	1	(empty)								
Tyler Wolfe	.1945703	.2589474	-1.23	0.219	.0143298	2.641884				
Whitley Nolan	.7175367	1.020429	-0.23	0.815	.0441903	11.65095				
Zenayda Alicea	6.262508	3.921613	2.93	0.003	1.835362	21.36854				
region										
Lehigh Valley	.7574493	.1273666	-1.65	0.099	.5447815	1.053137				
Northern Tier	1.056918	.2177662	0.27	0.788	.7057664	1.582785				
Pocono	.5711943	.1097175	-2.92	0.004	.3919957	.8323123				
South Central	.8121438	.1395008	-1.21	0.226	.5799936	1.137215				
Outside CoC	2.139017	.9556572	1.70	0.089	.8910859	5.134628				
disability_clean	1.881713	.2021707	5.88	0.000	1.524406	2.322771				
_cons	1.716023	.294262	3.15	0.002	1.226196	2.40152				

Young Adults

- Total Score Controlling for 211

Source	SS	df	MS	Number of obs	=	487
Model	490.242663	8	61.2803329	F(8, 478)	=	8.34
Residual	3513.39183	478	7.35019212	Prob > F	=	0.0000
				R-squared	=	0.1224
				Adj R-squared	=	0.1078
Total	4003.6345	486	8.23793106	Root MSE	=	2.7111

vi_score	Coeff.	Std. Err.	t	P> t	[95% Conf. Interval]
region					
Lehigh Valley	.1113165	.3638918	0.31	0.760	-.6037087 .8263417
Northern Tier	-.1306813	.500358	-0.26	0.794	-1.113855 .8524918
Pocono	-1.098461	.5288938	-2.08	0.038	-2.137705 -.0592166
South Central	-.593103	.3463653	-1.71	0.087	-1.27369 .0874837
Outside CoC	-1.338315	1.394432	-0.96	0.338	-4.078289 1.401658
en_is_211	-1.177471	.2603219	-4.52	0.000	-1.688988 -.6659542
age	.04061	.0158609	2.56	0.011	.0094444 .0717757
disability_clean	1.474786	.2693608	5.48	0.000	.9455087 2.004064
_cons	7.096503	.5088768	13.95	0.000	6.096591 8.096415



• Total Score Controlling for Agency

Source	SS	df	MS	Number of obs	=	477
Model	692.634757	28	24.7369556	F(28, 448)	=	3.40
Residual	3262.38411	448	7.28210739	Prob > F	=	0.0000
				R-squared	=	0.1751
				Adj R-squared	=	0.1236
Total	3955.01887	476	8.30886317	Root MSE	=	2.6985

vi_score	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
region					
Lehigh Valley	.1269438	.4566228	0.28	0.781	-.7704448 1.024332
Northern Tier	.3913247	.5881248	0.67	0.506	-.7645013 1.547151
Pocono	-.7901247	.5824799	-1.36	0.176	-1.934857 .3546075
South Central	-.3771828	.4410834	-0.86	0.393	-1.244032 .4896667
Outside CoC	.048215	1.686531	0.03	0.977	-3.266279 3.362708
disability_clean	1.478751	.2801255	5.28	0.000	.9282278 2.029274
age	.0468694	.0190898	2.46	0.014	.0093527 .0843862
veteran_clean	-1.705368	2.751072	-0.62	0.536	-7.111977 3.701241
enrollment_org					
Bethlehem Emergency Sheltering	.1315028	2.717673	0.05	0.961	-5.209468 5.472474
Blair County Community Action Agency	2.300655	.5264998	4.37	0.000	1.265939 3.335371
Bradford County Human Services	-.6183181	1.441622	-0.43	0.668	-3.451499 2.214863
Center for Community Action	-.4082671	.9478372	-0.43	0.667	-2.271026 1.454492
Central Susquehanna Opportunities	-.5540758	2.72265	-0.20	0.839	-5.904827 4.796675
Clinton County Housing Coalition	-.377282	2.75307	-0.14	0.891	-5.787818 5.033254
Community Action Partnership of Somerset County	.1131405	.5569588	0.20	0.839	-.9814358 1.207717
Community CARES	2.021417	.6790953	2.98	0.003	.6868094 3.356025
Cumberland County Housing Authority	2.784813	1.438129	1.94	0.053	-.0415033 5.61113
Franklin County Human Services	.3583129	.8894113	0.40	0.687	-1.389623 2.106249
Housing Transitions, Inc.	.1824988	1.933631	0.09	0.925	-3.617615 3.982612
Lehigh Conference of Churches	1.829416	1.591134	1.15	0.251	-1.297598 4.95643
Perry Housing Partnership	-.6960296	3.168145	-0.22	0.826	-6.9223 5.530241
Pocono Mountains United Way	1.788229	1.944749	0.92	0.358	-2.033734 5.610191
Resources for Human Development, Inc.	-.8435239	1.63283	-0.52	0.606	-4.052482 2.365434
STEP, Inc.	-.1616042	.9842686	-0.16	0.870	-2.095961 1.772753
Servants To All	1.920304	2.726883	0.70	0.482	-3.438766 7.279374
Third Street Alliance for Women & Children	.9627729	1.249756	0.77	0.441	-1.493339 3.418885
Union-Snyder Community Action Agency	-1.264988	1.939174	-0.65	0.515	-5.075995 2.546018
Valley Youth House Committee, Inc.	1.56636	.5215048	3.00	0.003	.5414601 2.591259
_cons	5.663557	.5843357	9.69	0.000	4.515178 6.811936

• Total Score Controlling for Enrollment Creator

Source	SS	df	MS	Number of obs	=	477
Model	1080.4379	67	16.1259388	F(67, 409)	=	2.29
Residual	2874.58097	409	7.02831532	Prob > F	=	0.0000
				R-squared	=	0.2732
				Adj R-squared	=	0.1541
Total	3955.01887	476	8.30886317	Root MSE	=	2.6511

vi_score	Coef.	Std. Err.	t	P> t	[95% Conf. Interval]
region					
Lehigh Valley	.3819584	.4670248	0.82	0.414	-.53611 1.300027
Northern Tier	.42677	.6142404	0.69	0.488	-.7806921 1.634232
Pocono	-.7732196	.5896635	-1.31	0.190	-1.932369 .3859299
South Central	-.0601833	.4553895	-0.13	0.895	-.9553794 .8350128
Outside CoC	.29105	1.671221	0.17	0.862	-2.994205 3.576305
disability_clean	1.407869	.2924285	4.81	0.000	.8330188 1.98272
age	.065688	.0209708	3.13	0.002	.0244639 .1069121
veteran_clean	-.4138944	2.809903	-0.15	0.883	-5.937548 5.109759
en_created_by					
Alexis Walters	3.122808	1.928629	1.62	0.106	-.6684537 6.91407
Alisha Engle	.1554247	.6012055	0.26	0.796	-1.026414 1.337263
Alyson Long	-4.483554	2.685658	-1.67	0.096	-9.76297 .7958626
Amanda Orner	1.464093	1.922912	0.76	0.447	-2.315932 5.244118
Amber Urish	1.733486	.6495644	2.67	0.008	.4565842 3.010387
Andrea Hammers	3.089964	1.928251	1.60	0.110	-.7005544 6.880482
Andrea Sanders	-1.598263	1.913691	-0.84	0.404	-5.36016 2.163634
Ariana M Hernandez	-1.129088	1.375876	-0.82	0.412	-3.833759 1.575582
Arnold M. Matos	-.4835539	2.685658	-0.18	0.857	-5.76297 4.795863
Ashley Wright	2.450758	1.922945	1.27	0.203	-1.329332 6.230848
Becky Latshaw	2.045262	1.257758	1.63	0.105	-.4272161 4.517739
Beverly Poor	-.3309534	1.594977	-0.21	0.836	-3.466328 2.804421
Carol Mausteller	-5.232972	2.684801	-1.95	0.052	-10.5107 .0447604
Cecilia Gerlach	.6806662	1.92475	0.35	0.724	-3.102971 4.464304
Cheryl Scheffey	-1.261269	3.135353	-0.40	0.688	-7.424687 4.902148
Chris Kapp	2.065021	1.443641	1.43	0.153	-.7728609 4.902903
Christina DiPierro	.8309933	.6710686	1.24	0.216	-.4881806 2.150167
Christine Boonie	-.1468147	1.92299	-0.08	0.939	-3.926992 3.633363
Claire Holly	-1.01871	.6226844	-1.64	0.103	-2.242771 .2053513
Dakota Griffith	-2.009531	1.209845	-1.66	0.097	-4.387821 .3687595
David Hunter	-.0670088	1.369946	-0.05	0.961	-2.760022 2.626005
Donna Bilger	1.964093	2.68547	0.73	0.465	-3.314954 7.243139
Eileen Ondra	-1.382075	.6867138	-2.01	0.045	-2.732004 -.0321461
Erica Matko	-3.681227	1.336148	-0.28	0.783	-2.994698 2.258453
Francisco Figueroa	-1.220802	2.687954	-0.45	0.650	-6.50473 4.063127
Hannah Brubaker	-1.735994	1.581018	-1.10	0.273	-4.843929 1.371942

Appendix E: Quantitative Data Analysis Tables and Charts

Ian Sanchez	-.4610184	1.576502	-0.29	0.770	-3.560075	2.638038
Jackie Conдор	-.6077946	2.729794	-0.22	0.824	-5.973971	4.758382
Jacqueline Hersh	-1.794774	.8145933	-2.20	0.028	-3.396086	-.1934617
Jessica Velazquez-Torres	-1.060849	.8991415	-1.18	0.239	-2.828364	.7066666
Jonna Varano	-.8388433	2.687612	-0.31	0.755	-6.1221	4.444413
Josiah Walker	1.925744	1.927215	1.00	0.318	-1.862738	5.714226
Judith Evans	-.035236	1.973094	-0.02	0.986	-3.913908	3.843436
Julie Kennedy	1.276166	.7772952	1.64	0.101	-.251826	2.804158
Karen Shaw	.2358602	.7765162	0.30	0.761	-1.290601	1.762321
Kate Anderson	-.4737085	.740249	-0.64	0.523	-1.928876	.9814589
Kyle Peters	-.1706594	.9609319	-0.18	0.859	-2.059641	1.718322
Lauren Leshner	-1.653716	.7710725	-2.14	0.033	-3.169476	-.1379567
Lisa Balog	.0181883	.8359675	0.02	0.983	-1.625141	1.661517
Madelyn Gates	-1.113095	.8816826	-1.26	0.208	-2.84629	.6201004
Maria Schramm	1.101844	1.933926	0.57	0.569	-2.69983	4.903519
Maria Morales	1.687599	2.689715	0.63	0.531	-3.599792	6.974991
Mary Price	2.31977	1.602441	1.45	0.148	-.830279	5.469818
Mary Sturdevant	-2.119089	1.984832	-1.07	0.286	-6.020833	1.782656
Melissa Campos	-3.352178	2.686479	-1.25	0.213	-8.633207	1.928852
Michaela Beardsley	-2.473493	2.719696	-0.91	0.364	-7.81982	2.872834
Nicholas Bross	-1.490309	.6357705	-2.34	0.020	-2.740094	-.240523
Patricia Espinosa-Vargas	.2608294	2.727836	0.10	0.924	-5.101498	5.623157
Rafael Fontones	-.4666225	1.96006	-0.24	0.812	-4.319671	3.386426
Ray Shaull	1.292288	.7660403	1.69	0.092	-.2135792	2.798156
Scott Rave	-2.34873	2.742856	-0.86	0.392	-7.740583	3.043124
Shelby Mancell	.1541484	1.374367	0.11	0.911	-2.547557	2.855854
Simone McRae	5.325846	1.920198	2.77	0.006	1.551157	9.100535
Stacy Yurko	-.204833	.9216508	-0.22	0.824	-2.016597	1.606931
Terushia Jackson	-2.44288	1.927929	-1.27	0.206	-6.232767	1.347007
Tiffany Jones	-1.613971	1.923315	-0.84	0.402	-5.394787	2.166846
Timothy Joyce	1.05968	.9394312	1.13	0.260	-.7870364	2.906396
Tyler Wolfe	-.4757241	1.927665	-0.25	0.805	-4.265092	3.313644
Zenayda Alicea	1.188006	1.394954	0.85	0.395	-1.554169	3.930181
_cons	5.590771	.6720458	8.32	0.000	4.269676	6.911866

• Likelihood of 8+ Score Controlling for Enrollment Creator

Logistic regression	Number of obs	=	426
	LR chi2(38)	=	60.47
	Prob > chi2	=	0.0117
Log likelihood = -263.84188	Pseudo R2	=	0.1028

tay_housing_priority	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
en_created_by					
Alexis Walters	1	(empty)			
Alisha Engle	1.899196	.895735	1.36	0.174	.753546 4.786628
Alyson Long	1	(empty)			
Amanda Orner	1	(empty)			
Amber Urish	3.466305	1.846008	2.33	0.020	1.220542 9.844212
Andrea Hammers	1	(empty)			
Andrea Sanders	1	(empty)			
Ariana M Hernandez	.3527346	.4296207	-0.86	0.392	.0324122 3.838729
Arnold M. Matos	1	(empty)			
Ashley Wright	1	(empty)			
Becky Latshaw	1	(empty)			
Beverly Foor	.8522758	1.088593	-0.13	0.900	.0697203 10.41839
Carol Mausteller	1	(empty)			
Cecilia Gerlach	1.646814	2.399114	0.34	0.732	.0947537 28.62154
Cheryl Scheffey	1	(empty)			
Chris Kapp	1	(empty)			
Christina DiPierro	2.230145	1.201821	1.49	0.137	.7755724 6.412745
Christine Boonie	1.203862	1.778768	0.13	0.900	.0665093 21.79068
Claire Holly	.6915219	.3447093	-0.74	0.459	.2603153 1.837013
Dakota Griffis	.594251	.5931681	-0.52	0.602	.0840078 4.203589
David Hunter	.8364181	.8798566	-0.17	0.865	.1064182 6.574022
Donna Bilger	1	(empty)			
Eileen Ondra	.4288963	.2545942	-1.43	0.154	.1339912 1.372866
Erica Matko	.8312788	.9105089	-0.17	0.866	.097144 7.1134
Francisco Figueroa	1	(empty)			
Hannah Brubaker	1	(empty)			
Ian Sanchez	.682514	.8792432	-0.30	0.767	.054646 8.524426
Jackie Conдор	1	(empty)			
Jacqueline Hersh	.284375	.2112473	-1.69	0.091	.0663099 1.219563
Jessica Velazquez-Torres	.4357941	.3281799	-1.10	0.270	.0996034 1.906728
Jonna Varano	1	(empty)			
Josiah Walker	1	(empty)			
Judith Evans	1.10958	1.688508	0.07	0.946	.0562132 21.90173
Julie Kennedy	3.574158	2.398714	1.90	0.058	.9592005 13.31797
Karen Shaw	1.658428	.9972893	0.84	0.400	.5103052 5.389685
Kate Anderson	.6978177	.4120759	-0.61	0.542	.2193259 2.220211
Kyle Peters	.816134	.636767	-0.26	0.795	.1768618 3.766075
Lauren Leshner	.3949684	.2678782	-1.37	0.171	.1045333 1.492348
Lisa Balog	.8961455	.5915375	-0.17	0.868	.2457583 3.267751
Madelyn Gates	.5551788	.4175947	-0.78	0.434	.1271088 2.424879
Maria Schramm	1	(empty)			
Maria Morales	1	(empty)			
Mary Price	1	(empty)			
Mary Sturdevant	.5368161	.8206209	-0.41	0.684	.0268293 10.74093
Melissa Campos	1	(empty)			
Michaela Beardsley	1	(empty)			
Nicholas Bross	.5133868	.270302	-1.27	0.205	.1829282 1.440817
Patricia Espinosa-Vargas	1	(empty)			
Rafael Fontones	1	(empty)			
Ray Shaull	1.36233	.8066958	0.52	0.602	.4268237 4.348268
Scott Rave	1	(empty)			

Shelby Mancell	3.6544	4.380274	1.08	0.280	.3487707	38.29059
Simone McRae	1	(empty)				
Stacy Yurko	1.116628	.7929646	0.16	0.877	.2776099	4.491408
Terushia Jackson	1	(empty)				
Tiffany Jones	1	(empty)				
Timothy Joyce	2.093107	1.541415	1.00	0.316	.4942491	8.86415
Tyler Wolfe	1.731373	2.527451	0.38	0.707	.09904	30.2671
Zenayda Alicea	3.874825	4.75937	1.10	0.270	.3489298	43.02947
region						
Lehigh Valley	.9012975	.342902	-0.27	0.785	.4275879	1.899814
Northern Tier	.9301228	.4755948	-0.14	0.887	.3414286	2.533849
Pocono	.527361	.2664099	-1.27	0.205	.1959304	1.419431
South Central	.8025192	.295025	-0.60	0.550	.3904215	1.649595
Outside CoC	.56271	.7710626	-0.42	0.675	.0383629	8.253866
age	1.044987	.0192648	2.39	0.017	1.007903	1.083436
disability_clean	2.161419	.5373055	3.10	0.002	1.327821	3.518346
veteran_clean	1	(omitted)				
_cons	.2733442	.1525357	-2.32	0.020	.0915608	.8160378

## Prioritization and Referral

### Permanent Housing Enrollments Outside the Coordinated Entry system

- The following table includes all enrollments in permanent housing that occurred outside of coordinated entry between June 1, 2020 and November 2021

Abbreviated names of Programs	# PH enrolled Outside CE since June 1, 2020
CC of Allentown SSVF RR Program	39
CCAC - HAP Program	37
VMC PA-509 SSVF RRH Program	34
VOA - PA-509 SSVF RRH Program	25
Lebanon HA - VASH Lebanon County	24
VLP SSVF RR Program - PA-507	21
PA0813 - CCA - CoC SCPA Rapid Re-housing...	20
CCA - Huntingdon - ESG RR Program	13
YWCA of GH - SSVF RR - PA507 [Central]	13
Blair CAP - Blair County - ESG RR Pro..	12
New Bethany Community Partnership Pro..	10
Blair CAP - RRH1 Consolidated Program	8
VMC SSVF PA-501 RRH	8
Valley Youth House - RRH Youth Program	8
PA0814 Housing Trans - Centre Cty RRH..	5
Blair Family Services ESG RR Program ..	4
Center for Community Action RRH ESG-C..	4
PA0808 Valley Youth House- RRH Family...	4
PA0885 YWCA Williamsport Liberty House	4
FPMC RRH ESG-CV19	3
LCSS - Blair - Western Regional ESG RR	3
Opportunity House - PA509 SSVF RRH	3

PA0661 - CCA - RR (Housing First) Pro..	3
PA0705 - CAPFSC Consolidated PSH w/ d..	3
Blair Family Services ESG RR Program ..	2
CCA - Bedford - ESG RR Program	2
Clinton County Housing Coalition ESG ..	2
PA0205 RHD - Crossroads Family Housing..	2
PA0647 CCHRA - Shelter + Care Chronic	2
PA0811 Lehigh Valley Rapid Re-Housing..	2
Perry County RRH (formerly TH II)	2
Salvation Army Carlisle - Stuart House..	2
Tioga Homeless Initiative - ESG Rapid ..	2
VYH Monroe Youth RRH	2
Wayne County Human Services CoC RRH P..	2
2019 Bradford County HS - RRH ESGESG	1
CAPFSC - Somerset County RRH	1
CCA - Huntingdon - PHARE RR Program	1
Cambria County CAP ESG RR Program	1
FPCC - Rapid Rehousing Program	1
Housing Transitions - Nittany House I..	1
LCCC - Rapid Rehousing Program	1
Marantha Ministries RRH Program - PA0..	1
PA0384 HDCNEPA PSH-3 Program	1
PA0386 - Catholic Social Services - M..	1
PA058 Cambria County Comprehensive	1
PA0634 Salvation Army Lehigh PSH Hosp..	1
Safe Harbour S+C Program	1
Sal. Army. East. Stroudsburg RRH ESG-..	1
Service, Access and Management Schuyl..	1

### Prioritization and referral Distribution Outputs

No significant multiple regression models were observed. In their stead, we provide the bivariate tables.

### Adults Without Children

- Region

PH Enrollment	Region						Total
	Central V	Lehigh Va	Northern	Pocono	South Cen	Outside C	
0	559	475	271	233	831	7	2,376
	23.53	19.99	11.41	9.81	34.97	0.29	100.00
	89.30	94.25	81.38	85.04	81.87	58.33	85.96
1	67	29	62	41	184	5	388
	17.27	7.47	15.98	10.57	47.42	1.29	100.00
	10.70	5.75	18.62	14.96	18.13	41.67	14.04

Total	626	504	333	274	1,015	12	2,764
	22.65	18.23	12.05	9.91	36.72	0.43	100.00
	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Pearson chi2(5) = 62.0794 Pr = 0.000  
Cramér's V = 0.1499

Logistic regression	Number of obs	=	2,764
	LR chi2(5)	=	65.94
	Prob > chi2	=	0.0000
Log likelihood = -1088.2376	Pseudo R2	=	0.0294

ph_ever	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
region					
Lehigh Valley	.5093795	.1176019	-2.92	0.003	.3239829 .8008678
Northern Tier	1.908796	.3648414	3.38	0.001	1.312391 2.77623
Pocono	1.468131	.3128063	1.80	0.072	.9669507 2.229079
South Central	1.84737	.2823059	4.02	0.000	1.369233 2.492471
Outside CoC	5.959488	3.573564	2.98	0.003	1.839891 19.30304
_cons	.1198569	.0154955	-16.41	0.000	.0930286 .1544221

• Disability

Logistic regression	Number of obs	=	2,739
	LR chi2(1)	=	4.08
	Prob > chi2	=	0.0434
Log likelihood = -1050.4221	Pseudo R2	=	0.0019

last_bnl_ph_referral	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
disability_					
yes	1.261097	.1453965	2.01	0.044	1.006028 1.580835
_cons	.1302448	.0113437	-23.40	0.000	.1098057 .1544883

Note: \_cons estimates baseline odds.

ph_ever	has disability? drop		Total
	no	yes	
0	1,129	1,223	2,352
	48.00	52.00	100.00
	87.25	84.75	85.93
1	165	220	385
	42.86	57.14	100.00
	12.75	15.25	14.07
Total	1,294	1,443	2,737
	47.28	52.72	100.00
	100.00	100.00	100.00

• Chronic Homelessness

Logistic regression	Number of obs	=	2,653
	LR chi2(1)	=	5.78
	Prob > chi2	=	0.0162
Log likelihood = -1088.7276	Pseudo R2	=	0.0026

ph_ever	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
chronic_					
yes	1.613244	.3084248	2.50	0.012	1.109085 2.34658
_cons	.1613358	.0093878	-31.35	0.000	.1439466 .1808258

ph_ever	chronic drop missing		Total
	no	yes	
0	2,126	146	2,272
	93.57	6.43	100.00
	86.11	79.35	85.64
1	343	38	381
	90.03	9.97	100.00
	13.89	20.65	14.36
Total	2,469	184	2,653
	93.06	6.94	100.00
	100.00	100.00	100.00

- Veteran

```

Logistic regression      Number of obs   =   2,745
                        LR chi2(1)              =   48.12
                        Prob > chi2             =   0.0000
Log likelihood = -1108.5976      Pseudo R2      =   0.0212
    
```

ph_ever	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
veteran_clean						
yes	3.372735	.5537976	7.40	0.000	2.444648	4.653162
_cons	.1494149	.0087915	-32.31	0.000	.1331404	.1676789

ph_ever	veteran status drop		Total
	no	yes	
0	2,222	127	2,349
	94.59	5.41	100.00
	87.00	66.49	85.57
1	332	64	396
	83.84	16.16	100.00
	13.00	33.51	14.43
Total	2,554	191	2,745
	93.04	6.96	100.00
	100.00	100.00	100.00

- Access Point Type (211 or non-211)

```

Logistic regression      Number of obs   =   2,832
                        LR chi2(1)              =   7.13
                        Prob > chi2             =   0.0076
Log likelihood = -1142.4198      Pseudo R2      =   0.0031
    
```

ph_ever	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
en_is_211	.7462051	.0814753	-2.68	0.007	.6024468	.9242674
_cons	.1927195	.0156877	-20.23	0.000	.1642996	.2260554

Note: \_cons estimates baseline odds.

ph_ever	enrollment is PA 211?		Total
	no	yes	
0	934	1,502	2,436
	38.34	61.66	100.00
	83.84	87.43	86.02
1	180	216	396
	45.45	54.55	100.00
	16.16	12.57	13.98
Total	1,114	1,718	2,832
	39.34	60.66	100.00
	100.00	100.00	100.00

### Adults with Children

- VI-SPDAT Score

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	1,443	9.061677	.0846478	3.215504	8.895631	9.227723
1	266	9.612782	.2169285	3.537997	9.185659	10.0399
combined	1,709	9.147455	.0791679	3.272807	8.992178	9.302731
diff		-.5511049	.2180386		-.978756	-.1234538

```

diff = mean(0) - mean(1)          t = -2.5276
Ho: diff = 0                      degrees of freedom = 1707
    
```

```

Ha: diff < 0                      Ha: diff != 0                      Ha: diff > 0
Pr(T < t) = 0.0058                Pr(|T| > |t|) = 0.0116                Pr(T > t) = 0.9942
    
```

• Region

ph_ever	Region						Total
	Central V	Lehigh Va	Northern	Pocono	South Cen	Outside C	
0	296	296	194	131	463	19	1,399
	21.16	21.16	13.87	9.36	33.10	1.36	100.00
	90.52	84.81	82.20	78.92	84.18	65.52	84.43
1	31	53	42	35	87	10	258
	12.02	20.54	16.28	13.57	33.72	3.88	100.00
	9.48	15.19	17.80	21.08	15.82	34.48	15.57
Total	327	349	236	166	550	29	1,657
	19.73	21.06	14.24	10.02	33.19	1.75	100.00
	100.00	100.00	100.00	100.00	100.00	100.00	100.00

```

Logistic regression      Number of obs   =   1,657
                        LR chi2(5)             =   21.18
                        Prob > chi2          =   0.0007
Log likelihood = -706.01965  Pseudo R2        =   0.0148
    
```

ph_ever	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
region						
Lehigh Valley	1.709677	.4113284	2.23	0.026	1.066903	2.739702
Northern Tier	2.067177	.525407	2.86	0.004	1.256119	3.401923
Pocono	2.551096	.6837768	3.49	0.000	1.50861	4.313964
South Central	1.794189	.3983364	2.63	0.008	1.161152	2.772347
Outside CoC	5.025467	2.180543	3.72	0.000	2.147045	11.76282
_cons	.1047297	.0197705	-11.95	0.000	.0723408	.15162

• Age

Two-sample t test with equal variances

Group	Obs	Mean	Std. Err.	Std. Dev.	[95% Conf. Interval]	
0	1,325	38.06189	.291676	10.61717	37.48969	38.63408
1	263	35.07605	.5977016	9.693092	33.89914	36.25296
combined	1,588	37.56738	.2641315	10.52556	37.0493	38.08546
diff		2.985841	.7067925		1.599495	4.372187

diff = mean(0) - mean(1) t = 4.2245  
Ho: diff = 0 degrees of freedom = 1586  
Ha: diff < 0 Ha: diff != 0 Ha: diff > 0  
Pr(T < t) = 1.0000 Pr(|T| > |t|) = 0.0000 Pr(T > t) = 0.0000

• Veteran

```

Logistic regression      Number of obs   =   1,619
                        LR chi2(1)             =   4.86
                        Prob > chi2          =   0.0276
Log likelihood = -720.82864  Pseudo R2        =   0.0034
    
```

ph_ever	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]	
veteran_clean						
yes	2.068044	.6464976	2.32	0.020	1.120632	3.816423
_cons	.1908745	.0131475	-24.04	0.000	.1667696	.2184636

ph_ever	veteran status drop		Total
	missing no	yes	
0	1,315	38	1,353
	97.19	2.81	100.00
	83.97	71.70	83.57
1	251	15	266
	94.36	5.64	100.00
	16.03	28.30	16.43
Total	1,566	53	1,619
	96.73	3.27	100.00
	100.00	100.00	100.00

- 211

```

Logistic regression          Number of obs   =    1,709
                             LR chi2(1)           =     6.43
                             Prob > chi2          =    0.012
Log likelihood = -735.72318   Pseudo R2       =    0.0043
    
```

ph_ever	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
en_is_211	.7087393	.0957069	-2.55	0.011	.5439285 .923488
_cons	.2264875	.0230906	-14.57	0.000	.1854657 .2765827

Note: \_cons estimates baseline odds

ph_ever	enrollment is PA 211?		Total
	no	yes	
0	521	922	1,443
	36.11	63.89	100.00
	81.53	86.17	84.44
1	118	148	266
	44.36	55.64	100.00
	18.47	13.83	15.56
Total	639	1,070	1,709
	37.39	62.61	100.00
	100.00	100.00	100.00

### Young Adults

- Region

mi_ever	Region						Total
	Central V	Lehigh Va	Northern	Pocono	South Cen	Outside C	
0	11	20	31	12	23	2	99
	11.11	20.20	31.31	12.12	23.23	2.02	100.00
	35.48	37.74	73.81	34.29	26.44	20.00	38.37
1	20	33	11	23	64	8	159
	12.58	20.75	6.92	14.47	40.25	5.03	100.00
	64.52	62.26	26.19	65.71	73.56	80.00	61.63
Total	31	53	42	35	87	10	258
	12.02	20.54	16.28	13.57	33.72	3.88	100.00
	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Pearson chi2(5) = 29.3376 Pr = 0.000  
Cramer's V = 0.3372

```

. logistic mi_ever i.region
Logistic regression          Number of obs   =    258
                             LR chi2(5)           =    29.19
                             Prob > chi2          =    0.0000
Log likelihood = -157.19494   Pseudo R2       =    0.0850
    
```

mi_ever	Odds Ratio	Std. Err.	z	P> z	[95% Conf. Interval]
region					
Lehigh Valley	.9075	.4268262	-0.21	0.837	.3609935 2.28136
Northern Tier	.1951613	.1002902	-3.18	0.001	.0712812 .5343331
Pocono	1.054167	.5454441	0.10	0.919	.3823692 2.906268
South Central	1.530435	.6844524	0.95	0.341	.6369923 3.677016
Outside CoC	2.2	1.925357	0.90	0.368	.3958067 12.22819
_cons	1.818182	.6825065	1.59	0.111	.8711932 3.794549

## System Impact

### System Impact by Agency and Staff

- Households with Children

mi_ever	Region						Total
	Central V	Lehigh Va	Northern	Pocono	South Cen	Outside C	
0	11	20	31	12	23	2	99
	11.11	20.20	31.31	12.12	23.23	2.02	100.00
	35.48	37.74	73.81	34.29	26.44	20.00	38.37
1	20	33	11	23	64	8	159
	12.58	20.75	6.92	14.47	40.25	5.03	100.00
	64.52	62.26	26.19	65.71	73.56	80.00	61.63
Total	31	53	42	35	87	10	258
	12.02	20.54	16.28	13.57	33.72	3.88	100.00
	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Pearson chi2(5) = 29.3376 Pr = 0.000  
Cramer's V = 0.3372

```

. logistic mi_ever i.region
Logistic regression          Number of obs   =    258
                             LR chi2(5)           =    29.19
                             Prob > chi2          =    0.0000
    
```



```

Log likelihood = -157.19494          Pseudo R2          =          0.0850
-----
mi_ever | Odds Ratio | Std. Err. | z | P>|z| | [95% Conf. Interval]
-----+-----+-----+-----+-----+-----
region |
Lehigh Valley | .9075 | .4268262 | -0.21 | 0.837 | .3609935 | 2.28136
Northern Tier | .1951613 | .1002902 | -3.18 | 0.001 | .0712812 | .5343331
Pocono | 1.054167 | .5454441 | 0.10 | 0.919 | .3823692 | 2.906268
South Central | 1.530435 | .6844524 | 0.95 | 0.341 | .6369923 | 3.677016
Outside CoC | 2.2 | 1.925357 | 0.90 | 0.368 | .3958067 | 12.22819
-----+-----+-----+-----+-----+-----
_cons | 1.818182 | .6825065 | 1.59 | 0.111 | .8711932 | 3.794549
-----
    
```

System Impact Multiple Regression outputs

- Households Without Children

```

Logistic regression          Number of obs          =          361
                             LR chi2(18)                   =          74.17
                             Prob > chi2                     =          0.0000
Log likelihood = -197.04254  Pseudo R2              =          0.1584
    
```

```

-----
mi_ever | Odds Ratio | Std. Err. | z | P>|z| | [95% Conf. Interval]
-----+-----+-----+-----+-----+-----
region |
Lehigh Valley | .3417574 | .1857469 | -1.98 | 0.048 | .1177837 | .9916317
Northern Tier | .1374371 | .0621786 | -4.39 | 0.000 | .0566249 | .3335804
Pocono | 1.073488 | .5901762 | 0.13 | 0.897 | .3654502 | 3.153305
South Central | .8896732 | .3198077 | -0.33 | 0.745 | .4397968 | 1.799737
Outside CoC | .3466498 | .3861356 | -0.95 | 0.342 | .0390599 | 3.076453
-----+-----+-----+-----+-----+-----
2.last_ph_project_type |
disability_clean | .4459509 | .1695501 | -2.12 | 0.034 | .2116709 | .9395351
vispdatsscore | 1.083554 | .2955324 | 0.29 | 0.769 | .6348786 | 1.849312
-----+-----+-----+-----+-----+-----
en_is_211 |
yes | .9693737 | .0431996 | -0.70 | 0.485 | .8882965 | 1.057851
-----+-----+-----+-----+-----+-----
race_clean |
Asian | 1.802131 | .4786081 | 2.22 | 0.027 | 1.070841 | 3.032826
Black or African American | .5381534 | .807227 | -0.41 | 0.680 | .0284517 | 10.17896
Multi-Racial | 1.639772 | .619134 | 1.31 | 0.190 | .7823342 | 3.436959
American Indian or Alaska Native | 1.554874 | 1.866021 | 0.37 | 0.713 | .1479649 | 16.33923
-----+-----+-----+-----+-----+-----
ethnicity_clean |
Latinx | 1 | (empty)
-----+-----+-----+-----+-----+-----
chronic_clean |
yes | 1.150846 | .7342555 | 0.22 | 0.826 | .3295633 | 4.018791
age | 1.049192 | .0118608 | 4.25 | 0.000 | 1.026201 | 1.072698
disability_clean | 1 | (omitted)
-----+-----+-----+-----+-----+-----
veteran_clean |
yes | 1.664333 | .6617051 | 1.28 | 0.200 | .7635184 | 3.627945
-----+-----+-----+-----+-----+-----
gender_clean |
female | 1.437312 | .3904033 | 1.34 | 0.182 | .8440097 | 2.447681
last_bnl_seq | 1.190676 | .1960902 | 1.06 | 0.289 | .8622052 | 1.644282
_cons | .3260264 | .2793887 | -1.31 | 0.191 | .0607875 | 1.748602
-----
    
```

- Households with Children

```

Logistic regression          Number of obs          =          264
                             LR chi2(17)                   =          48.63
                             Prob > chi2                     =          0.0001
Log likelihood = -154.99431  Pseudo R2              =          0.1356
    
```

```

-----
mi_ever | Odds Ratio | Std. Err. | z | P>|z| | [95% Conf. Interval]
-----+-----+-----+-----+-----+-----
region |
Lehigh Valley | .4521556 | .2290241 | -1.57 | 0.117 | .1675486 | 1.220212
Northern Tier | .118941 | .0691155 | -3.66 | 0.000 | .0380808 | .3714983
Pocono | 1.343829 | .7816851 | 0.51 | 0.611 | .4297471 | 4.202185
South Central | 1.231281 | .6095564 | 0.42 | 0.674 | .4666189 | 3.249017
Outside CoC | .3026833 | .3933663 | -0.92 | 0.358 | .0237012 | 3.865515
-----+-----+-----+-----+-----+-----
2.last_ph_project_type |
vispdatsscore | .8823582 | .5429724 | -0.20 | 0.839 | .2641467 | 2.947438
-----+-----+-----+-----+-----+-----
en_is_211 |
yes | 1.077745 | .0496303 | 1.63 | 0.104 | .9847324 | 1.179544
-----+-----+-----+-----+-----+-----
en_is_211 |
yes | .9040554 | .2697672 | -0.34 | 0.735 | .5037317 | 1.622523
-----+-----+-----+-----+-----+-----
race_clean |
Asian | 1 | (empty)
Black or African American | .5682408 | .1881917 | -1.71 | 0.088 | .2969129 | 1.087517
Multi-Racial | .1310004 | .1199533 | -2.22 | 0.026 | .0217697 | .7883036
-----+-----+-----+-----+-----+-----
Native Hawaiian or Other .. | 1 | (empty)
American Indian or Alaska.. | .2728205 | .4019135 | -0.88 | 0.378 | .0152021 | 4.896093
-----+-----+-----+-----+-----+-----
ethnicity_clean |
Latinx | .6288794 | .2538379 | -1.15 | 0.251 | .2850968 | 1.38721
-----
    
```

chronic_clean							
yes	.4521406	.4073027	-0.88	0.378	.0773542	2.642792	
age	.9960463	.015713	-0.25	0.802	.9657207	1.027324	
disability_clean	1.027345	.3413505	0.08	0.935	.5356636	1.970337	
gender_clean							
female	.9616826	.4132971	-0.09	0.928	.4142051	2.232791	
last_bnl_seq	1.370067	.261629	1.65	0.099	.9423139	1.991993	
_cons	1.272277	1.509971	0.20	0.839	.1242666	13.02595	

mi_ever	White	Asian	Black or	Multi-Rac	Native Ha	American	Total
0	76	0	32	6	2	1	117
	64.96	0.00	27.35	5.13	1.71	0.85	100.00
	39.38	0.00	45.07	66.67	100.00	50.00	42.09
1	117	1	39	3	0	1	161
	72.67	0.62	24.22	1.86	0.00	0.62	100.00
	60.62	100.00	54.93	33.33	0.00	50.00	57.91
Total	193	1	71	9	2	2	278
	69.42	0.36	25.54	3.24	0.72	0.72	100.00
	100.00	100.00	100.00	100.00	100.00	100.00	100.00

## Timeline Analysis

Length of time in coordinated entry for those exited by-name-list clients who did not received housing referrals.

- Of the 4929 enrolled and exited households, 4185 did not receive housing enrollments on their final coordinated entry enrollment.
- Households spent an average of 111 days (median of 109 days) on the by-name-list before exiting without housing enrollments.

The length of time households are currently on the by name list is split into three groups. Households yet to enroll, households with enrollments but have not moved in, and households who have moved in but are still active on the by-name-list.

- Only 5 people on the by-name-list are waiting to be exited from coordinated entry after moving in.

<i>Currently enrolled on the by-name-list (1652)</i>	<i>Time on by-name-list</i>	<i>Time to enrollment</i>	<i>Time from by name list to move-in</i>
<i>No PH Enrollment (1577)</i>	84 days (60)	NA	NA
<i>PH Enrollment but no Moved in (53)</i>	86 days (74)	35 days (17)	NA
<i>Moved in and still enrolled in CE (5)</i>	86 days (75)	45 Days (35)	86.6 days (89)

## Racial Equity Analysis

Data quality challenges limited equity analysis. Specifically, we were unable to analyze VI-SPDAT scores and access to permanent housing projects with confidence for race, ethnicity, gender, and domestic violence. Moreover, we are unable to examine interconnections of subpopulations due to missing data. However, because the CoC had conducted a racial equity disparity analysis in August of 2020, we felt compelled to provide some updates with new data even though we can make limited inferences from the findings.

To align with the first two sections of the Eastern PA Continuum of Care Racial Disparities Analysis we wanted to run a series of tests to (1) VI-SPDAT score distributions by demographic distribution (2) housing enrollment rates by demographic. Please be advised that race, ethnicity, and gender were included in the likelihood of move-in analysis above as once households are enrolled into permanent housing programs the data quality improves significantly.

### The previous equity analysis found:

- Black, Indigenous and People of Color (BIPOC) score lower on average on the VI-SPDAT assessment tool than White persons. As the VI-SPDAT tool is used through coordinated entry to prioritize households for housing, this likely results in BIPOC being less likely to be prioritized for housing and therefore less likely to be housed.
- BIPOC are less likely to be prioritized for housing interventions through the Eastern PA CoC Coordinated Entry system than White persons.
- BIPOC are less likely to be assessed in the high range (typically this would mean referrals to higher intensity services, which could include Permanent Supportive Housing programs, depending on household needs).

### The current analysis found:

- Significant differences were found with regards to VI-SPDAT score and race and gender for those given the **Individual** survey type.
  - Heads of households identifying as Black average .4 points lower than people identifying as white (p <.05)
  - Heads of households identifying as BIPOC average .21 points lower than people identifying as “white only” (p <.05)
  - Heads of households identifying as male average .7 points lower than those identifying as female (p <.05)
- Significant differences were found with regards to VI-SPDAT score and race and gender for those given the **Family** survey type.
  - Heads of households identifying as BIPOC average .39 points lower than people identifying as “white only.” (p <.05)
  - Heads of households identifying as male score 1.3 points lower lower than those identifying as female (p <.05)
- No significant differences were found with regards to VI-SPDAT score and race, ethnicity, BIPOC, or gender variables for households given the **Transitional Age Youth** survey type.

The table below outlines significant relationships found with regards to race, ethnicity, and gender in terms of VI-SPDAT scores.

**Bi-Variate Analysis Of VI-SPDAT Scores by Race, Ethnicity, And Gender**

	<i>Race</i>	<i>Ethnicity</i>	<i>BIPOC</i>	<i>Gender</i>	<i>Missing Race data</i>	<i>Missing Ethnicity data</i>	<i>Missing gender data</i>
<i>Expectations</i>	No	No	No	No	<5%	<5%	<5%
<i>Adult-Only Households</i>	<b>Yes</b>	No	<b>Yes</b>	<b>Yes</b>	<b>12%</b>	<b>10%</b>	<b>10%</b>
<i>Households with Children</i>	No	No	<b>Yes</b>	<b>Yes</b>	<b>26%</b>	<b>23%</b>	<b>23%</b>
<i>Young Adults (18-24)</i>	No	<b>Yes</b>	No	No	<b>12%</b>	<b>9%</b>	<b>10%</b>

When analyzing the likelihood of accessing permanent housing enrollments with regards to race, ethnicity, and gender, significant findings were only found for households without children.

**The previous analysis found:**

- BIPOC were less likely to be enrolled/placed in housing through coordinated entry than White persons. BIPOC were more likely to be closed from the coordinated entry queue than White persons (closed= household no longer on list for placement through CE due to loss of contact or did not meet homeless definition).
- Hispanic/Latino persons were less likely to be enrolled/placed in housing through coordinated entry than Non-Hispanic/Non-Latino persons. Hispanic/Latino persons were more likely to be closed from the coordinated entry queue than White persons (closed= household no longer on list for placement through CE due to loss of contact or did not meet homeless definition). Hispanic/Latino persons were less likely to self-resolve their homelessness.
- While families were more likely to be enrolled/placed in housing than singles, there was a disparity in enrollment/ placement rates through CE for families headed by a BIPOC. Families headed by a BIPOC had an 8% lower rate of enrollment/ placement in housing than White families.
- Singles/couples who were BIPOC had a 4% lower rate of enrollment/ placement in housing than White singles/couples.

**The current analysis found:**

- Adult-only households identifying as multi-racial are accessing enrollments at significantly lower rates (6.45%) compared to the average (15.61%) and households identifying as white (16.14%). It is also important to note that the sample size is small (62 AO multi-racial households).
- Latinx adult-only households are accessing permanent housing enrollments at lower rates than non-Latinx households (7.77% LatinX; 16.06% Non-LatinX).
- Adult-only households identifying as BIPOC access permanent housing enrollments at lower rates (12.20% BIPOC; 16.65% White only).

**Bi-Variate Analysis of Access to Permanent Housing Enrollments by Race, Ethnicity, and Gender**

	Race	Ethnicity	BIPOC	Gender	Missing Race data	Missing Ethnicity data	Missing gender data
<i>Expectations</i>	No	No	No	No	<5%	<5%	<5%
<i>Adult-Only Households</i>	Yes	Yes	Yes	No	12%	11%	11%
<i>Households with Children</i>	No	No	No	No	26%	23%	24%
<i>Young Adults (18-24)</i>	No	No	No	No	12%	9.5%	10%

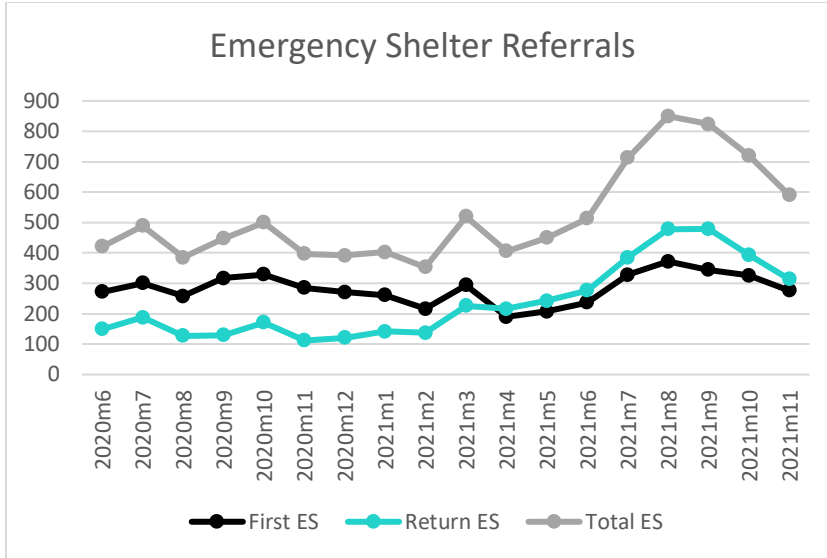
Even though we cannot be confident that the trends we see with regards to race, ethnicity, and gender are clear, there are some concerning signs that access to housing resources as well as the evaluation of vulnerability use for prioritization are inequitable. Better data and further monitoring will be required to better understand these trends. With that said, we believe that enough has been found to warrant community action and discussion regarding racial, ethnic and gender equity.

### Emergency Shelter and Rental Assistance Referrals

Data on emergency shelter referrals and referral outcomes is not very useful because outcomes are not captured consistently.

- Of 9,372 emergency shelter referrals, 39.69% (3,720) had referral outcomes recorded and only 20.05% (1879) had outcome dates associated with the outcome.
- Of the 3720 referrals recorded, only 18.87% (702) received services.
- However, the number of emergency shelter referrals continues to increase.

Referral Outcome	Freq.	Percent	Cum.
Cancelled	986	26.51	26.51
Information only	870	23.39	49.89
No show	118	3.17	53.06
Rejected	747	20.08	73.15
Service not provided - did not meet nee	94	2.53	75.67
Service not provided - ineligible	203	5.46	81.13
Service provided	702	18.87	100.00
Total	3,720	100.00	



Data on rental assistance referrals and referral outcomes also is not very useful because outcomes are not captured consistently.

- Of 8,745 rental assistance referrals, 40.88% (3,575) had referral outcomes recorded and only 21.01% (1837) had outcome dates associated with the outcome.
- Of the 3575 referrals recorded, 26.01% (902) received services.
- However, the number of rental assistance referrals continues to increase.

Referral Outcome	Freq.	Percent	Cum.
Cancelled	527	14.74	14.74
Information only	1,024	28.64	43.38
No show	187	5.23	48.62
Rejected	370	10.35	58.97
Service not provided - did not meet nee	144	4.03	62.99
Service not provided - ineligible	393	10.99	73.99
Service provided	930	26.01	100.00
<b>Total</b>	<b>3,575</b>	<b>100.00</b>	

