



Behavioral Health Index -2 Results

Derek A. Chapman, PhD

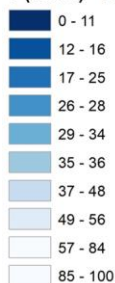
Interim Director, VCU Center on Society and Health

*Associate Professor, Division of Epidemiology,
Department of Family Medicine and Population Health*

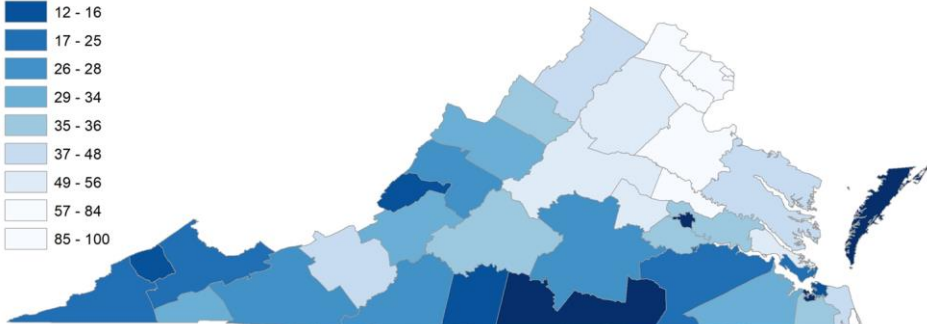
August 2021

Behavioral Health Index (BHI) Scores by Community Service Board (CSB)- Overview

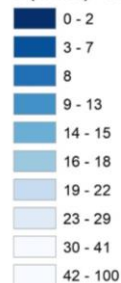
SED - BHI Score
0 (worst) - 100 (best)



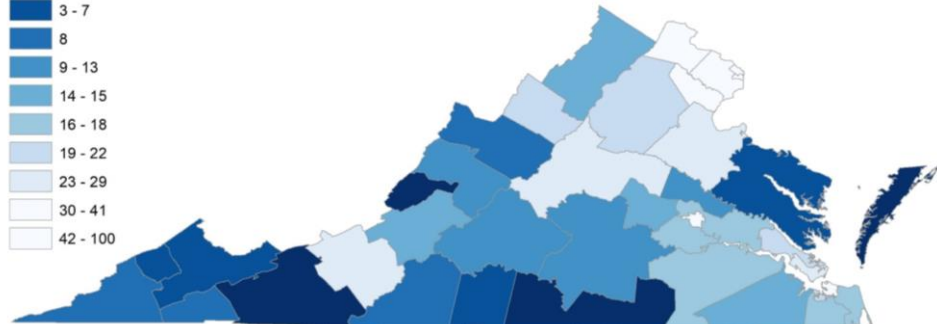
SED



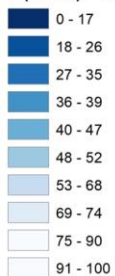
SMI - BHI Score
0 (worst) - 100 (best)



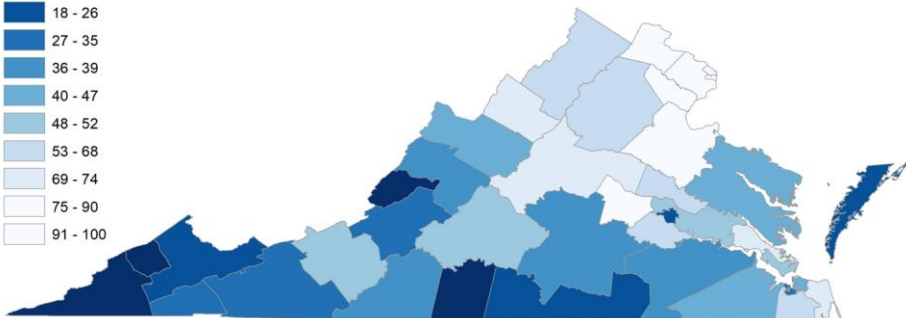
SMI



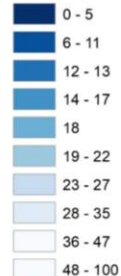
SUD - BHI Score
0 (worst) - 100 (best)



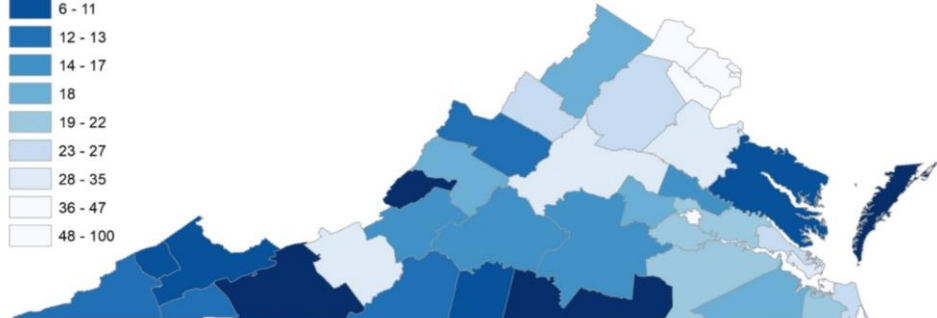
SUD



MULTI - BHI Score
0 (worst) - 100 (best)



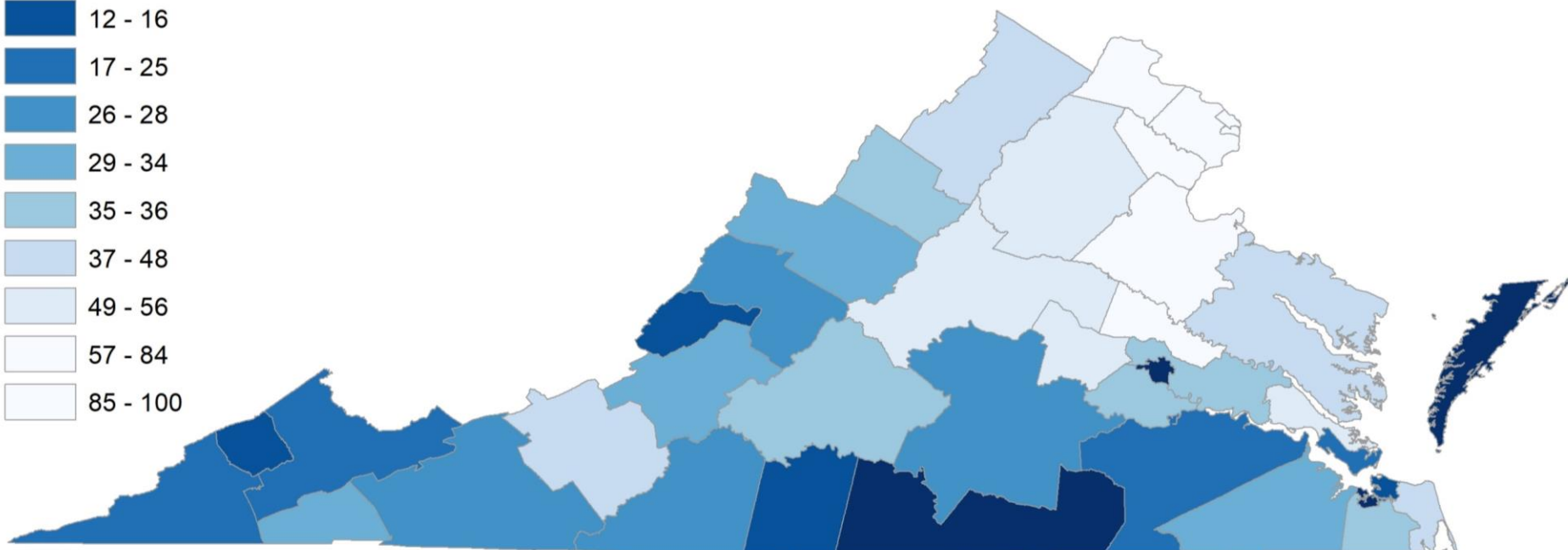
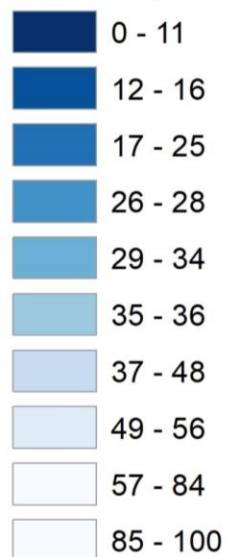
SED, SMI, SUD



Behavioral Health Index (BHI) Scores for Severe Emotional Disturbance (SED) by Community Service Board (CSB)

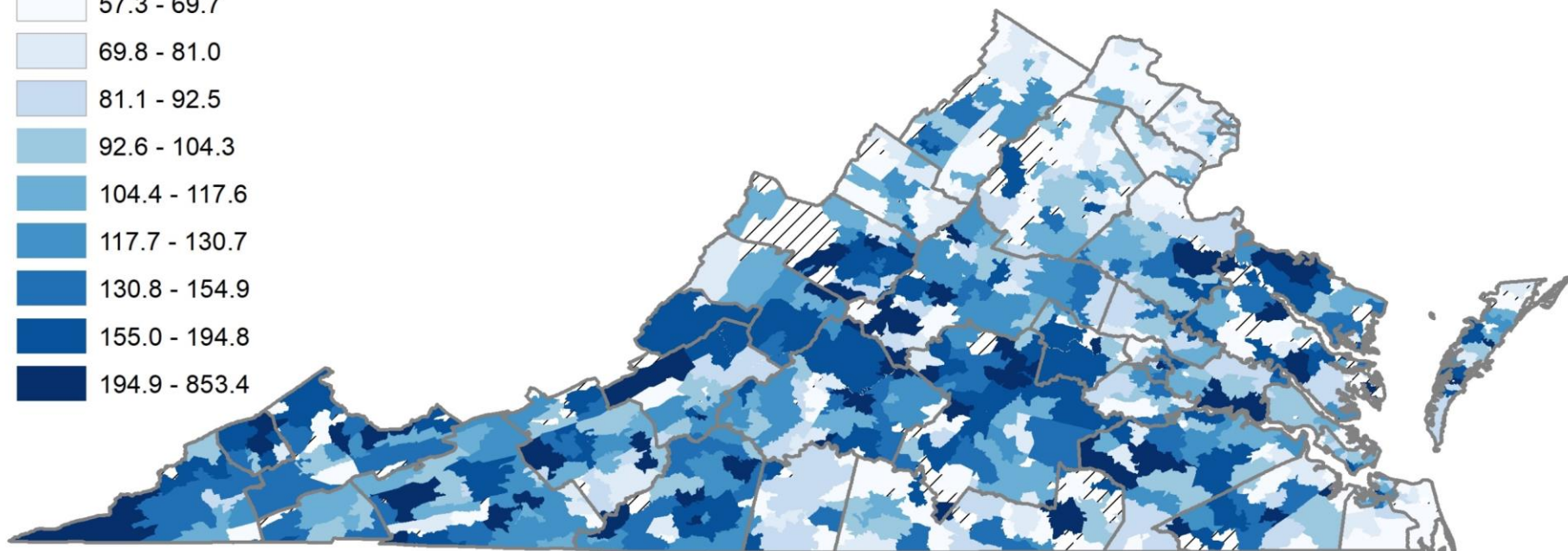
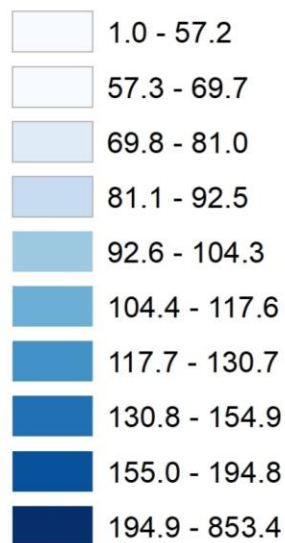
SED - BHI Score

0 (worst) - 100 (best)



Severe Emotional Disturbance (SED) Prevalence by ZCTA, 8-17yrs

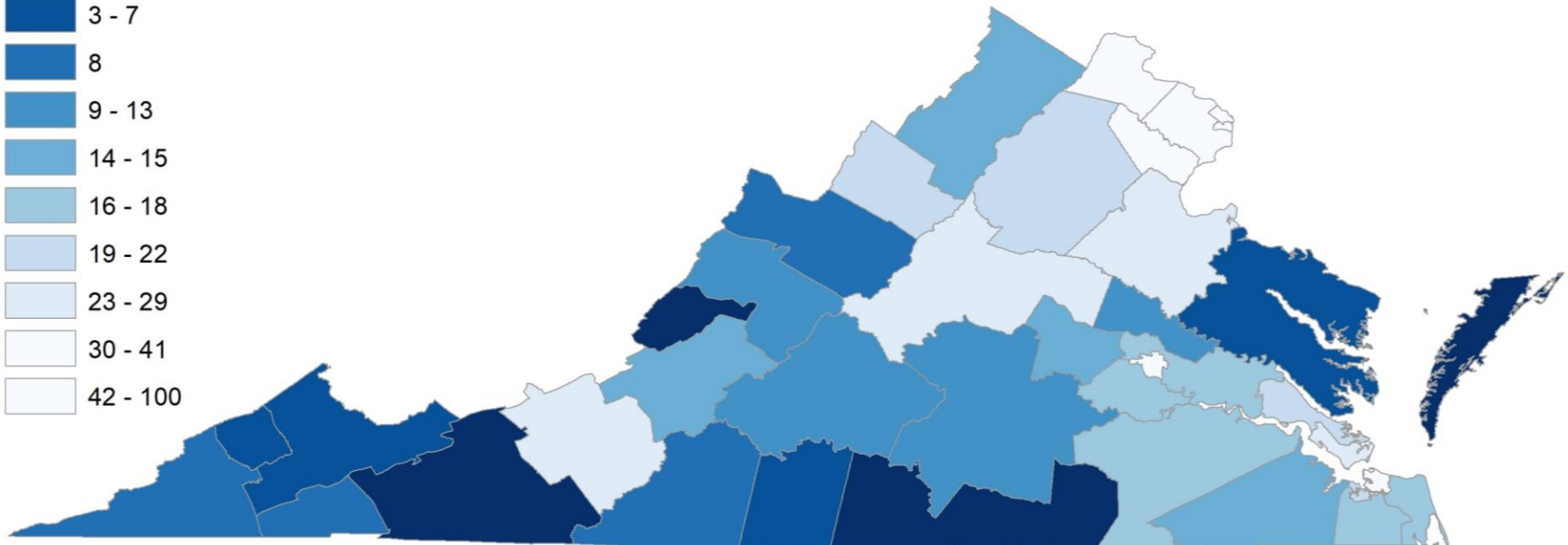
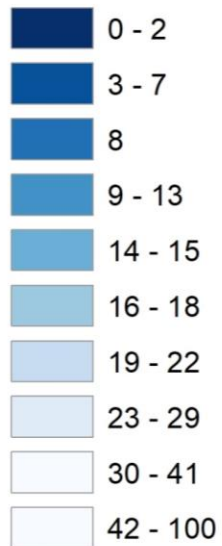
SED Rate per 1,000



Behavioral Health Index (BHI) Scores for Serious Mental Illness (SMI) by Community Service Board (CSB)

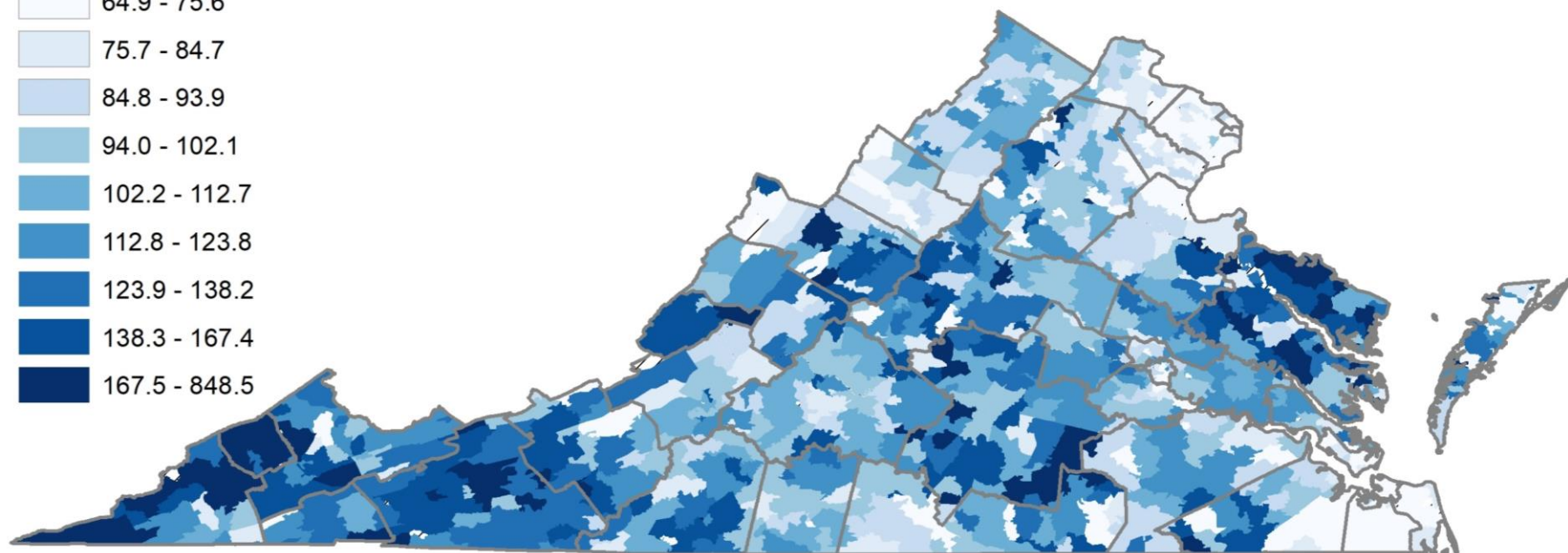
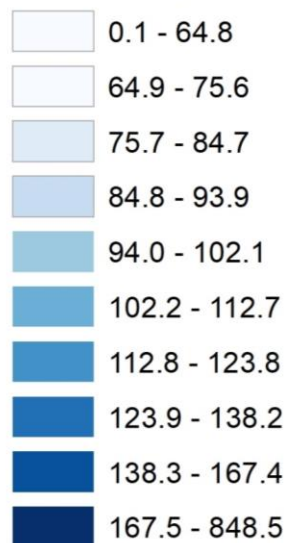
SMI - BHI Score

0 (worst) - 100 (best)



Serious Mental Illness (SMI) Prevalence by ZCTA, 18+ yrs

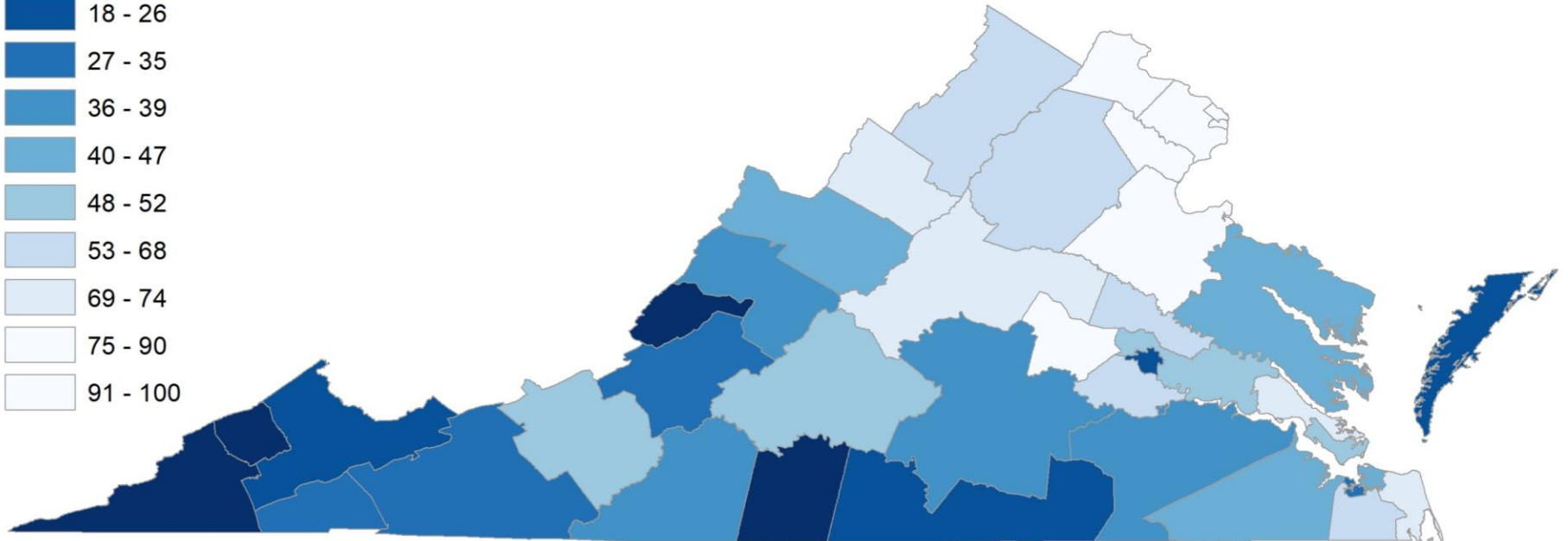
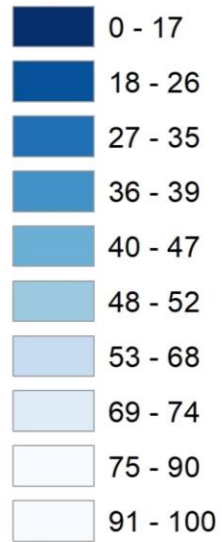
SMI Rate per 1,000



Behavioral Health Index (BHI) Scores for Substance Use Disorder (SUD) by Community Service Board (CSB)

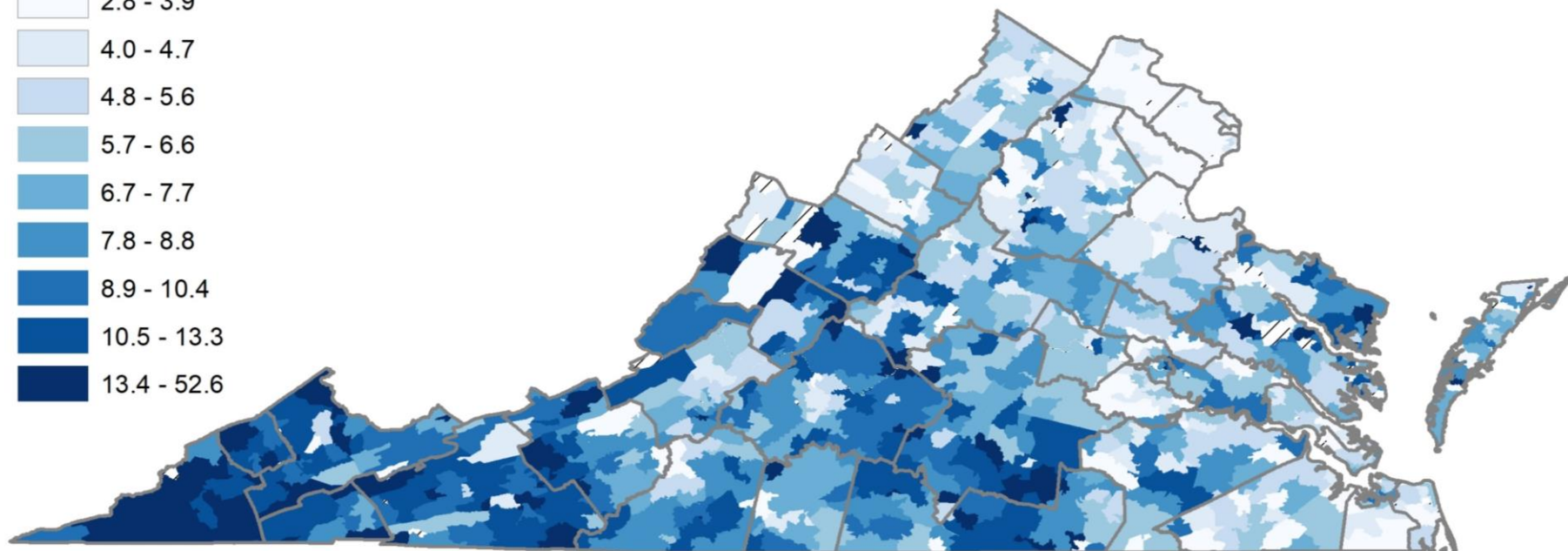
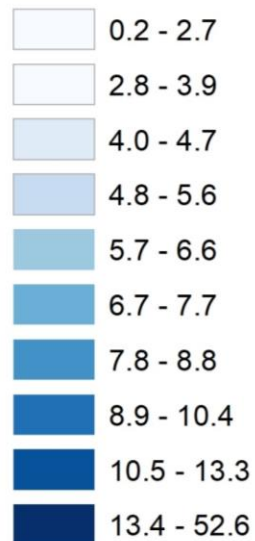
SUD - BHI Score

0 (worst) - 100 (best)



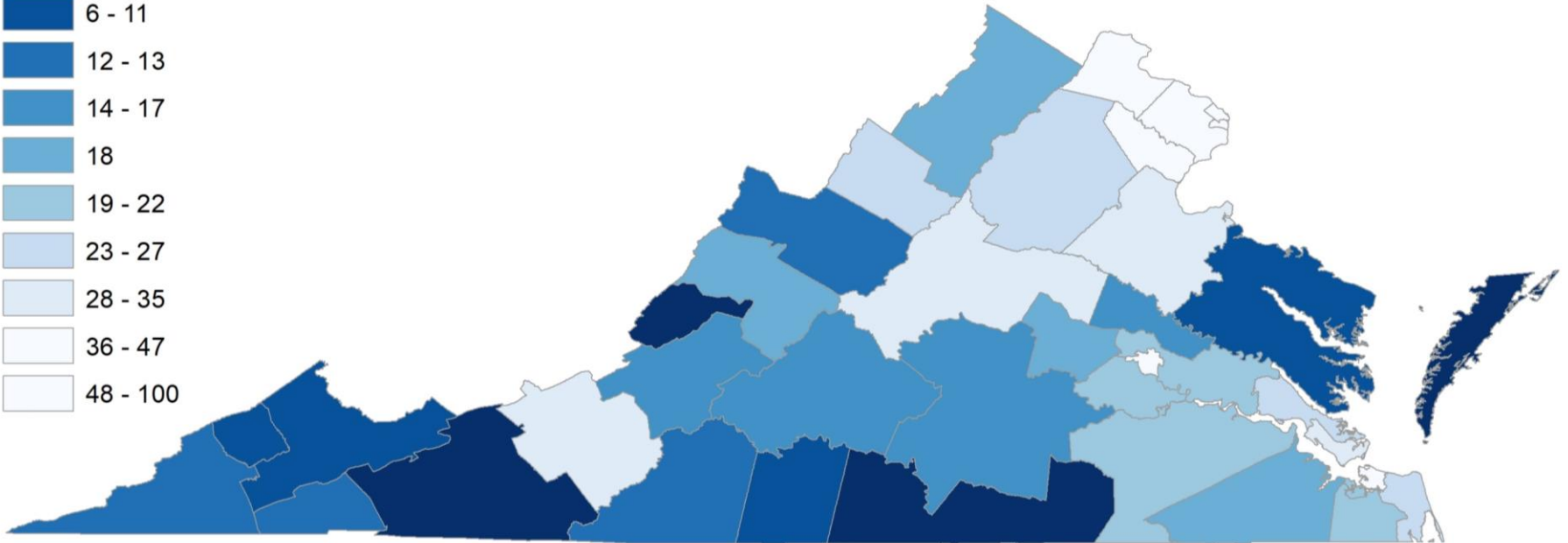
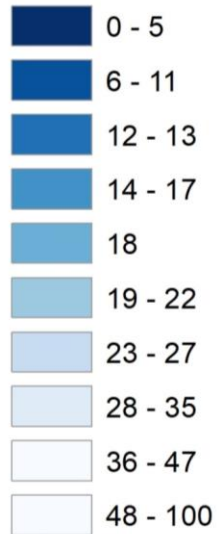
Substance Use Disorder (SUD) Prevalence by ZCTA, all ages

SUD Rate per 1,000



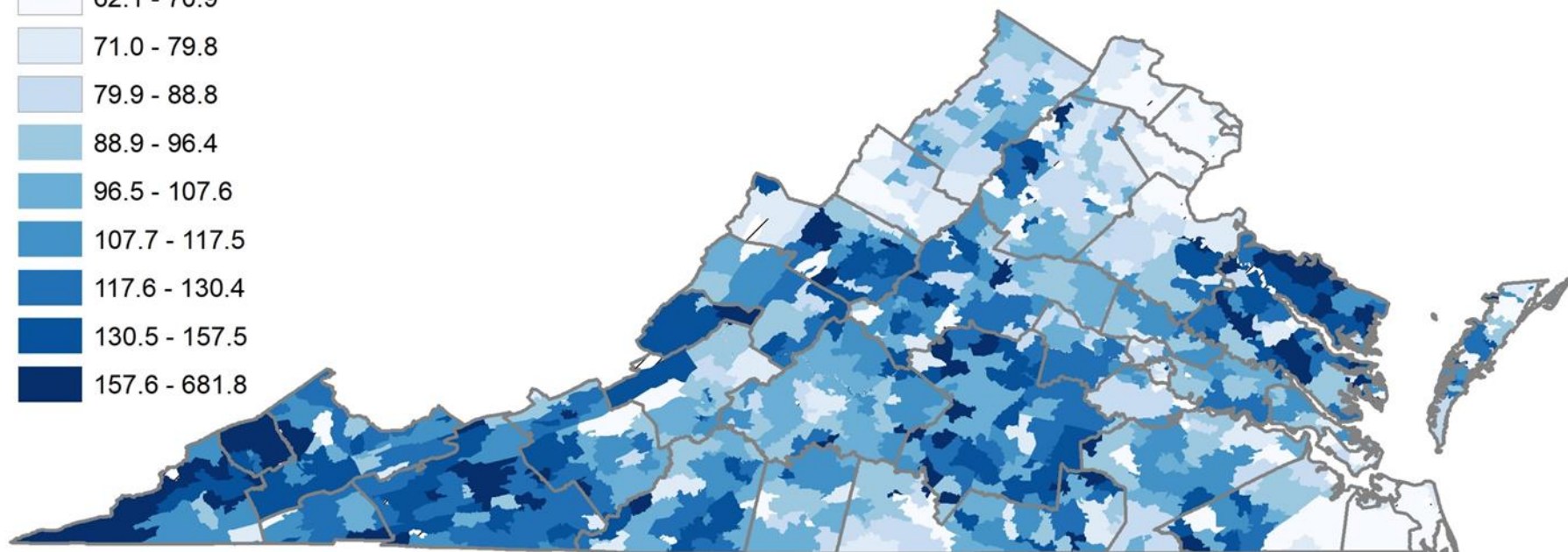
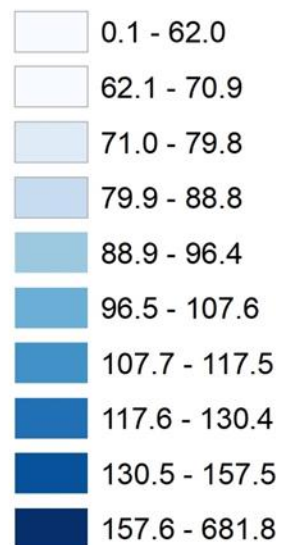
Behavioral Health Index (BHI) Scores for SED, SMI, or SUD (MULTI) by Community Service Board (CSB)

MULTI - BHI Score
0 (worst) - 100 (best)



SED, SMI, or SUD (MULTI) Prevalence by ZCTA, all ages

MULTI Rate per 1,000



Final index weights for SED, SMI, and SUD

Severe Emotional Disturbance (SED) (8 to 17 yrs)	% of Total Index Weight	Serious Mental Illness (SMI) (adults)	% of Total Index Weight	Substance Use Disorder (SUD) (all ages)	% of Total Index Weight
Single-parent households	19.4%	Commute to work by public transit	14.4%	Uninsured children	15.5%
Commute to work by public transit	12.9%	Commute to work by walking/cycling	13.1%	Older age of housing	14.6%
Older age of housing	10.7%	Unemployment	11.4%	Commute to work by walking/cycling	14.2%
Extremely housing cost burdened	10.5%	Married	11.2%	Housing stability	11.3%
Commute to work by walking/cycling	9.6%	Single-parent households	10.5%	Overcrowding	10.9%
No access to vehicle	8.9%	Overcrowding	8.9%	Public assistance	10.1%
Housing stability	7.5%	Median household income	8.3%	Extremely housing cost burdened	6.4%
Preschool enrollment	6.3%	Housing stability	5.9%	Poverty (adult)	6.2%
Travel time to work	5.4%	Travel time to work	4.7%	Travel time to work	4.4%
Median household income	4.2%	Housing vacancies	3.6%	Commute to work by motor vehicle	3.9%
Commute to work by motor vehicle	4.1%	No access to vehicle	3.3%	Median home value	1.9%
Housing vacancies	0.3%	Older age of housing	2.6%	Median household income	0.4%
		Public assistance	1.5%	Uninsured adults	0.3%
		Preschool enrollment	0.5%		
		Median home value	0.1%		
		Uninsured children	0.1%		
TOTAL	100%	TOTAL	100%	TOTAL	100%

RED=

Positive correlation (HIGHER rates of outcome with higher indicator value)

BLUE=

Negative correlation (LOWER rates of outcome with higher indicator value)



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