

## Regression

### Notes

Output Created		17-JUL-2025 13:45:29
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	100
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on cases with no missing values for any variable used.

Syntax		REGRESSION /MISSING LISTWISE /STATISTICS COEFF OUTS R ANOVA /CRITERIA=PIN(.05) POUT(.10) TOLERANCE(.0001) /NOORIGIN /DEPENDENT EDchange /METHOD=ENTER medicaidchange popchange map2025 fqhc2025 fqhcchange hospitalbed2025 urbanvsrural.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.04
	Memory Required	6416 bytes
	Additional Memory Required for Residual Plots	0 bytes

[DataSet1]

### Variables Entered/Removed<sup>a</sup>

Model	Variables Entered	Variables Removed	Method
1	urbanvsrural, fqhcchange, map2025, medicaidchang e, popchange, hospitalbed20 25, fqhc2025 <sup>b</sup>	.	Enter

a. Dependent Variable: EDchange

b. All requested variables entered.

### Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.894 <sup>a</sup>	.799	.784	120.83963

a. Predictors: (Constant), urbanvsrural, fqhcchange, map2025, medicaidchange, popchange, hospitalbed2025, fqhc2025

### ANOVA<sup>a</sup>

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	5353517.188	7	764788.170	52.375	<.001 <sup>b</sup>
	Residual	1343403.844	92	14602.216		
	Total	6696921.032	99			

a. Dependent Variable: EDchange

b. Predictors: (Constant), urbanvsrural, fqhcchange, map2025, medicaidchange, popchange, hospitalbed2025, fqhc2025

### Coefficients<sup>a</sup>

Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	-32.971	34.393		-.959	.340
	medicaidchange	-.019	.006	-.227	-3.267	.002
	popchange	.046	.005	.765	9.599	<.001
	map2025	12.055	11.227	.057	1.074	.286
	fqhc2025	5.249	4.371	.191	1.201	.233
	fqhcchange	-9.243	5.681	-.245	-1.627	.107
	hospitalbed2025	.208	.056	.315	3.698	<.001
	urbanvsrural	19.121	31.628	.034	.605	.547

a. Dependent Variable: EDchange

		EDchange	medicaid change	popcha nge	map2 025	fqhc2 025	fqhcch ange	hospitalb ed2025	urbanvs rural
EDchange	Pearson Correlatio n	1	.509**	.851**	.210*	.200*	.057	.764**	-.404**
	Sig. (2- tailed)		<.001	<.001	.036	.046	.576	<.001	<.001
	N	100	100	100	100	100	100	100	100
medicaidc hange	Pearson Correlatio n	.509**	1	.699**	-.043	.101	.038	.641**	-.283**
	Sig. (2- tailed)	<.001		<.001	.669	.316	.711	<.001	.004
	N	100	100	100	100	100	100	100	100
popchange	Pearson Correlatio n	.851**	.699**	1	.075	.204*	.099	.759**	-.410**
	Sig. (2- tailed)	<.001	<.001		.456	.041	.328	<.001	<.001
	N	100	100	100	100	100	100	100	100
map2025	Pearson Correlatio n	.210*	-.043	.075	1	.243*	.108	.231*	-.209*
	Sig. (2- tailed)	.036	.669	.456		.015	.286	.021	.037
	N	100	100	100	100	100	100	100	100
fqhc2025	Pearson Correlatio n	.200*	.101	.204*	.243*	1	.936**	.313**	-.224*
	Sig. (2- tailed)	.046	.316	.041	.015		<.001	.002	.025
	N	100	100	100	100	100	100	100	100
fqhcchang e	Pearson Correlatio n	.057	.038	.099	.108	.936**	1	.171	-.128
	Sig. (2- tailed)	.576	.711	.328	.286	<.001		.088	.204

	N	100	100	100	100	100	100	100	100
hospitalbed2025	Pearson Correlation	.764**	.641**	.759**	.231*	.313**	.171	1	-.524**
	Sig. (2-tailed)	<.001	<.001	<.001	.021	.002	.088		<.001
	N	100	100	100	100	100	100	100	100
urbanvsub	Pearson Correlation	-.404**	-.283**	-.410**	-.209*	-.224*	-.128	-.524**	1
	Sig. (2-tailed)	<.001	.004	<.001	.037	.025	.204	<.001	
	N	100	100	100	100	100	100	100	100

\*\* . Correlation is significant at the 0.01 level (2-tailed).

\* . Correlation is significant at the 0.05 level (2-tailed).