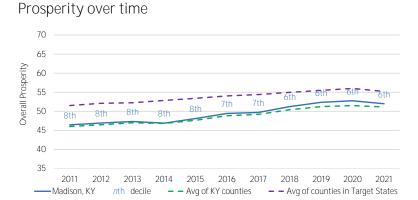
Madison, KY: Overall Prosperity 51.9 (6th decile*)







Breakdown of performance	2011	Score 10-year trend	2021	Deciles - US Counties (1 to 10) 2021	10-year decile change	Ranks - KY (1 to 120) 2021
Overall Prosperity	46.4	~	51.9	6	2	35
Inclusive Societies	46.2		54.5	6	A 3	101
Safety and Security	52.7		58.0	7	1	103
Personal Freedom	49.4		54.4	5		2
Governance	36.4		55.6	4	4	1
Social Capital	46.4	~~~	49.8	5		36
Open Economies	43.2	~~~	47.8	7		22
Business Environment	40.2	\ \	42.3	7		40
Infrastructure	50.0	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	52.0	4		35
Economic Quality	39.4		49.2	8		11
Empowered People	49.8		53.5	6		23
Living Conditions	57.8		62.3	6	▼ 1	45
Health	44.1		48.2	7	1	25
	54.3		56.7	4	▼ 1	12
Natural Environment	43.0		46.9	9	1	99

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** There is no county variation in Governance, all counties have been given the state score value

Madison, KY (6th decile*): Pillar and	leleme	nt scores											
Safety and Security	²⁰¹¹ 52.7	Overall Prosperity 10-yr trend	2021 58.0	2021 7	ounties Decile 10-yr decile chng.	KY Rank 2021 103	Personal Freedom	2011 49.4	Overall Prosperity 10-yr trend	2021 54.4	US C 2021 5	ounties Decile 10-yr decile chng.	KY Rank 2021 2
Mass Killings and Injuries 15%	100.0		100.0	1		1	Agency 30%	64.7	~	61.8	4	= .	1
Violent Crime 50%	52.4		59.5	7	▲ 1	94	Freedom of Association and Speech 15%	40.0	\sim	40.0	3	a 2	1
Property Crime 35%	32.9		38.0	8		113	Absence of Legal Discrimination 25%	27.6		47.6	4	▲ 1	1
							Social Tolerance 30%	57.1	/	59.9	8	▼ 2	2
									••••				
Governance	36.4	Overall Prosperity 10-yr trend	²⁰²¹ 55.6	2021 4	ounties Decile 10-yr decile chng.	KY Rank 2021	Social Capital	2011 46.4	Overall Prosperity 10-yr trend	²⁰²¹	US CI 2021	ounties Decile 10-yr decile chng.	KY Rank 2021 36
Political Accountability 30%	36.3		51.9	9		1	000	47.3	~	60.7	7		22
Rule of Law 35%	26.5	/	64.0		a 6	1	Personal and Family Relationships 25% Social Networks 25%	48.8		50.2	4		7
Government Integrity 35%	ļ	- /	50.4	5	△ 3	1	Institutional Trust 20%	65.2		65.2	2	_	5
Government integrity 33.76	46.4	~ _	30.4	3	_ ,	'	Civic and Social Participation 30%	31.0	\sim	30.3	10	▼ 1	95
							Civic and Social Participation 30%	31.0	~ ~~	30.3	10	• '	73
B	2011	Overall Prosperity 10-yr trend	2021	2021		KY Rank 2021	7	2011	Overall Prosperity 10-yr trend	2021	2021	ounties Decile 10-yr decile chng.	KY Rank 2021
Business Environment	40.2	~~	42.3	7		40	Infrastructure	50.0	Jy Y	52.0	4		35
Financing Ecosystems 40%	27.2	W	28.1	7	▼ 1	40	Communications 40%	52.5	^~^	52.5	4	▼ 1	41
Domestic Market Contestability 30%	48.6	1	47.2	8		1	Resources 25%	48.9	JV VC	55.3	5	^ 2	66
Burden of Regulation 10%	14.6	\sim	18.4	10		1	Transport 35%	47.8		49.1	7		53
Labor Market Flexibility 10%	70.9		67.6	5		1							
Price Distortions 10%	61.5	~	82.9	2	4	1							
S	2011	Overall Prosperity 10-yr trend	2021	US 0 2021	ounties Decile 10-yr decile chng	KY Rank 2021							
Economic Quality	39.4	٧	49.2	8		11							
Fiscal Sustainability 25%	31.0	M	33.8	10	▼ 1	46							
Productivity and Competitiveness 25%	37.5		49.1	8		28							
Dynamism 20%	43.1	M	48.4	8		43							
Labor Force Engagement 30%	45.7	~	62.6	2	2	21							
^	2011	Overall Prosperity 10-yr trend	2021	US 0 2021	ounties Decile 10-yr decile chng.	KY Rank 2021	~	2011	Overall Prosperity 10-yr trend	2021	US C 2021	ounties Decile 10-yr decile chng.	KY Rank 2021
Living Conditions	57.8	S	62.3	6	▼ 1	45	Health	44.1		48.2	7	1	25
Material Resources 25%	53.0	www	51.9	8	▼ 1	43	Behavioral Risk Factors 15%	50.8	MM	50.3	7	_	16
Nutrition 15%	43.0	~/	52.9	7	▼ 1	39	Preventative Interventions 15%	38.4	~~~	52.7	5	^ 2	24
Water Services 15%	43.2	_/\	44.8	8		111	Care Systems 15%	37.3	~~~	63.3	4	A 1	14
Shelter 15%	70.1	~	78.9	1	▲ 1	14	Mental Health 15%	50.0	~	36.7	10	▼ 1	58
Connectedness 15%	81.2		88.6	2		15	Physical Health 20%	30.3	W	33.8	8	^ 2	20
Protection from Harm 15%	59.4	W	63.5	5	A 1	15	Longevity 20%	57.7	M	54.8	7	▼ 1	37
					-								,
	2011	Overall Prosperity 10-yr trend	2021	2021	ounties Decile 10-yr decile chng.	KY Rank 2021	(Z)	2011	Overall Prosperity 10-yr trend	2021	2021	ounties Decile 10-yr decile chng.	KY Rank 2021
Education	54.3	~/	56.7	4	▼ 1	12	Natural Environment	43.0	~~~	46.9	9	1	99
Pre-Primary Education 5%	59.8		49.0	6	▼ 3	72	Emissions 25%	55.3		57.1	3		22
Primary Education 20%	66.9	\ <u>\</u>	55.4	6	4	86	Exposure to Air Pollution 25%	31.1		38.0	10	- .	113
Secondary Education 25%	56.0	1	68.7	4	<u>^</u> 2	40	Forest, Land and Soil 20%	24.7	- Tong	33.8	10	= .	109
Tertiary Education 25%	44.9	1	45.3	3		5	Freshwater 20%	79.6	1	79.6	4		81
Adult Skills 25%	50.9		58.7	3		12	Preservation Efforts 10%	5.0		5.0	6	= .	1
* The 1,196 counties in the 12 states have been grouped into decile ** There is no county variation in Governance, all counties have been	s, for each pil	lar, element and indicato	r. Counties in	the 1st decile	are the strongest pe	rformers and those in the 1	Oth decile are the weakest						

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														Italics: Indic	ator
	Source	Unit	Weight	2011	Value 10-yr trend	2021		unties cile 2021		Source	Unit	Weight	2011	Value 10-yr trend	
Mass Killings and Injuries (1st)			15%	100.0		100.0	1	1	Violent Crime (7th)			50%	52.4	\\.	į
Mass shooting deaths	GVA	deaths /1,000,000 population	1.5	0.0		0.0	1	1	Murder	NACID	deaths /100,000 population	1.5	3.5		
Mass shooting injuries	GVA	injuries /1,000,000 population	1.0	0.0		0.0	1	1	Rape	NACJD	incidents /100,000 population	1.0	42.2	M_{\perp}	
errorism deaths	GTD	deaths /1,000,000 population	1.0	0.0000		0.0000	1	1	Aggravated assaults	NACJD	assaults /100,000 population	1.0	73.8	~~~	
errorism injuries	GTD	injuries /1,000,000 population	0.5	0.0000		0.0000	1	1	Robbery	NACJD	incidents /100,000 population	0.5	56.2	W	
Terrorism events	GTD	events /1,000,000 population	0.5	0.0		0.0	1	1							
	Source	Unit	Weight	2011	Value 10-yr trend	2021	US Co De 2011	unties cile 2021							
Property Crime (8th)			35%	32.9	√	38.0	8	8							
Burglary	NACJD	incidents /100,000 population	1.5	815.0		615.1	9	9							
Motor vehicle theft	NACJD	incidents /100,000 population	0.5	118.3	~~/	189.3	7	9							
arceny theft	NACJD	incidents /100,000 population	1.0	2,287.0	~/~	1,936.8	9	9							
dentity theft	FTC	reports /100,000 population	0.5	127.0		127.0	3	1							

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	`													Italics: Indic	ator contain.	s imputed valu
	Source	Unit	Weight		Value 10-yr trend		US Cor Dec 2011			Source	Unit	Weight	2011	Value 10-yr trend	2021	US Counties Decile 2011 202
Agency (4th)			30%	64.7	- Tio-yr treat	61.8	4	4	Freedom of Association and Speech (3rd)			15%	40.0		40.0	5
Fatal police shootings of unarmed civilians	WaPo	deaths /100,000 population	1.0	0.0		0.0	1	1	Statewide free speech in public places	Cato	coding, 0-3	1.0	0.0		0.0	2
Statewide death row population	NAACP	number /100,000 population	1.0	0.80	~~\ <u></u>	0.69	4	6	Statewide right-to-work	NCSL	coding. 0-1	0.5	0.0		1.0	7
Statewide adult incarceration	BJS	number /100,000 adult population	1.0	950.0		1,080.0	5	8	Statewide press suppression	USPFT	number /100,000 state population	0.5	0.000		0.313	1
Statewide youth incarceration	CJRP	prisoners /100,000 youth population	0.5	93.4		47.2	5	6	Statewide invasive cell phone surveillance	ACLU	coding. 0-1	0.5	0.0		0.0	1
Statewide trafficking	POL	reports /100,000 population	1.0	2.7		3.0	2	2								
					•											
	Source	Unit	Weight		Value		US Cor Dec	unties ile		Source	Unit	Weight		Value		US Counties Decile
Absence of Legal				2011	10-yr trend	2021	2011		(0.1)				2011	10-yr trend	2021	2011 202
Discrimination (4th)			25%	27.6		47.6	5	4	Social Tolerance (8th)			30%	57.1		59.9	6
Statewide religious freedom restoration act enacted	Cato	coding, 0-1	1.0	0.0		0.8	4	1	Hate group concentration	SPLC	number /100,000 population	1.0	0.0		0.0	1
Statewide employment anti-discrimination law	Cato	coding, 0-1	1.0	1.0		1.0	1	1	Ethnic slur google traffic	Google	index, 0-100	1.0	37.2		37.2	9
Statewide government discrimination based on sex prohibited	Cato	coding, 0-1	1.0	0.0		0.0	4	4	Statewide same sex marriage support	PRRI	percentage	0.5	40.0		48.0	10
Statewide affirmative action in public services banned	Cato	coding, 0-2	0.5	0.0		0.0	2	3	Statewide LGBT non-discrimination law support	PRRI	percentage	0.5	63.0	—\[\frac{1}{2}	64.0	9
Statewide LGBT relationships & parenthood recognition	MAP	coding, 0-9	0.5	2.0		4.3	3	3								
Statewide LGBT non-discrimination laws	MAP	coding, 0-11	0.5	2.5		2.5	4	5								
							}			1						

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8

64.0

25.0

	Source	Unit	Weight	2011	Value 10-yr trend	2021	US Co Der 2011	cile 2021		Source	Unit	Weight	2
Political Accountability (9th)			30%	36.3		51.9	9	9	Rule of Law (2nd)			35%	2
Statewide Elections Performance Index	MIT	index score, 0-1	1.5	0.62	~	0.71	8	4	Statewide Justice Index	NCAJ	index rank 1-51	1.5	į
Statewide gender balance in legislatures	CAWP	percentage	0.5	18.8	~/	26.8	9	6	Statewide judicial integrity	ATRF	coding. 0-1	0.5	
Statewide state campaign disclosure	NIMP	index, 0-1	1.0	0.5		0.7	5	9					
Statewide term limits	NCSL	coding, 0-1	0.5	0.0		0.0	4	4					
	Source	Unit	Weight		Value		US Co	unties			<u> </u>		
	Source	Onit		2011	10-yr trend	2021	2011						
Government Integrity (5th)			35%	46.4	_/_	50.4	8	5					
Statewide legal corruption perceptions	ICS	expert survey, 3-15	1.0	13.0		13.0	10	10					
Statewide illegal corruption perceptions	ICS	expert survey, 3-15	1.0	9.5	_/_	11.0	9	10					
Statewide Corruption Reflection Index	ICS	index score, 0-1	0.5	0.2584	1	0.0797	3	1					
Statewide State Integrity Investigation	CPI	index rank, 1-50	1.0	19.0		9.0	3	1					
Statewide public record request compliance	Cuillier	percentage	1.0	38.2		38.2	7	7					
Statewide Online Spending Transparency Index	USPIRG	index score, 0-100	0.5	83.0	/_	85.0	6	2					
					and .								

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														Italics: Indica	ator contain.	s imputed values
	Source	Unit	Weight	2011	Value 10-yr trend		US Cou Dec 2011			Source	Unit	Weight	2011	Value 10-yr trend	2021	US Counties Decile 2011 2021
Personal and Family Relationships (7th)			25%	47.3	-	60.7	7		Social Networks (4th)			25%	48.8	^	50.2	4 4
Statewide divorce	CDC	instances, /1,000 population	1.0	4.6		3.4	9	8	Favors between neighbors		percentage		43.3		43.3	1 1
Children in unmarried households	Census	percentage	1.0	31.3		27.9	7	5	Frequently talk with neighbors	О	percentage	1.0	57.0		57.0	5 4
Teen births	CDC	instances /1,000 female 15-19 population	1.0	30.6		16.7	3	4	Trust in people in neighborhood		percentage		52.8			6 6
Statewide parent's attendance of children's activities	NSCH	percentage	0.5	88.7		95.1	10	5	Statewide supportive neighborhood for a child	NSCH	percentage	1.0	57.3	^	59.0	4 3
Shared meals with household members		percentage					9		Statewide trust in people	ANES	coding. 0-1	0.5	0.5		0.5	4 4
Frequently hear from family and friends	О	percentage	1.0	84.3		84.3	6	6								
Close friends		average		5.7		5.7	7									
		Unit					US Cou									US Counties
	Source		Weight	2011	Value 10-yr trend	2021	2011	2021	Civic and Social Participation	Source	Unit	Weight	2011	Value 10-yr trend	2021	Decile 2011 2021
Institutional Trust (2nd)			20%	65.2		65.2	2	2	(10th)			30%	31.0	14 PV	30.3	9 10
Confidence in corporations	0	percentage	1.0	72.9		72.9	1		Statewide volunteer rate	Census	instances, /1,000 population	1.0	0.30	M	0.28	7 8
Confidence in the media	О	percentage	1.0	56.5		56.5	5	4	Statewide volunteering intensity	CNCS	hours, per capita	0.5	30.0	M	20.7	7 10
Statewide trust in federal government	ANES	coding, 0-1	0.5	0.4		0.4	8	8	Statewide volunteering intensity (microdata)	Census	hours, per capita	0.5	28.8	M	62.3	8 5
									Statewide active in neighborhood	Census	percentage	1.0	20.0	7	17.5	9 10
									Statewide helping the community	CNCS	instances, /1,000	0.5	2.41	W/-	1.90	3 5
									Statewide helping the community (microdata)	Census	percentage	0.5	1.7		8.9	1 1
									(Non-religious) membership organizations	Census	number /1,000 population	1.0	0.240	$-\sqrt{N}$	0.228	8 8
									Religious membership organizations	USRC	number /1,000 population	0.5	1.4		1.4	8 8
									Religious organization participation		percentage		25.4		25.4	2 2
									Sport or recreation organization participation	0	percentage	0.5	12.9		12.9	2 2
									School, neighborhood or community	0	percentage	0.5	9.0		9.0	9 9

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Madison, KY: Business Environ	ment (7t	h decile*): E	lement	and inc	dicator sco	res									E	-0-
		Unit			Value		US Counties		Source	Unit			Italics: Indica	tor contain	US Cou	ınties
	Source		Weight		10-yr trend		Decile 2011 2021	Domestic Market			Weight		10-yr trend		2011	2021
Financing Ecosystems (7th)			40%	27.2	W	28.1	6 7	Contestability (8th)			30%	48.6	<u> </u>	47.2	8	8
Venture capital invested	NVCA	\$ /capita	1.0	8.2	w	30.0	6 6	Statewide low-income licensed occupations	Inst Just	number	1.5	37.0		37.0	2	2
Number of venture capital deals	NVCA	number /1,000,000	1.0	2.3	√ <u></u>	2.6	7 7	Statewide occupational licensing training cost	Inst Just	s	1.0	240.0		240.0	5	5
Assets under management	NVCA	\$/capita	1.0	21.5	7	3.3	6 8	Statewide occupational licensing training time	Inst Just	days	1.0	466.0		466.0	8	8
Venture capital fundraising	NVCA	\$/capita	1.0	0.0	.Λ.Λ.	0.0	6 6	Statewide age requirements for license	Inst Just	years	1.0	13.0		13.0	8	8
New foreign direct investment	BEA	\$ /capita	1.0	89.4	V	88.9	7 8	Statewide regulation density index	Cato	index score	1.0	0.000	_	-0.006	4	5
Bank branch access	FDIC	number/square mile	1.5	0.078	_/\rangle	0.078	2 2									
					•											
		Unit	1000-60				US Counties			Unit					US Cou	
5 1 55 1 1 (601)	Source		Weight	2011	Value 10-yr trend	2021	Decile 2011 2021		Source		Weight	2011	Value 10-yr trend	2021	2011	
Burden of Regulation (10th)			10%	14.6	·V	18.4	10 10	3 . /			10%	70.9	~~	67.6	5	5
Statewide Federal Regulation and State Enterprise Index	QuantGov	index score	1.0	1.23	\sim	1.19	8 8	Statewide collective bargaining agreement coverage	FI	percent	1.0	9.6	"W	11.4	6	7
Statewide state regulation	QuantGov	percent	1.0	1.916	V	1.903	10 10	Statewide employee health insurance cost	HJK	s	0.5	4,042.0	V-	4,910.0	2	1
								Workers Compensation Premium Rate	State OR	\$ per \$100	0.5	2.3		0.8	5	3
								Statewide minimum wage	DOL	s	1.0	7.3		7.3	3	2
	Spurro	Unit	Unit		Value		US Counties									
D: D: L: (0.1)	Source		100/	2011	10-yr trend	2021	2011 2021									
Price Distortions (2nd)			10%	61.5	V	82.9	6 2									
Statewide subsidies to the private sector	BEA	percent	1.0	0.17	V ,	0.10	6 6									
Statewide Corporate Tax Score	Tax Found	index score	1.0	5.11	~~/	5.45	5 4									

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imputed values

	Source	Unit	Weight				US Co			Source	Unit	Weight			
	Source	Onit		2011	10-yr trend		2011	2021		Source	Oill		2011	10-yr trend	
Communications (4th)			40%	52.5		52.5	3	4	Resources (5th)			25%	48.9	Jv v \	
Mean download speed	BBN	Mbps	1.5	102.9		102.9	2	2	Customers affected by electricity outages	Mukherjee	number /10,000 population	0.5	0.11	<u></u>	
JItra-fast internet access	BBN	percent	1.0	12.4		12.4	5	5	Statewide net electricity generation	EIA	kWh/capita	1.0	0.0207	~~	
ast internet access	BBN	percent	1.0	95.4		95.4	4	4	Water usage	USGS	Mgal /capita	1.0	0.055	1	
nternet providers (Business)	FCC	number	0.5	2.0		2.0	2	2	Electricity outage duration	EIA	minutes	1.0	111.9	-	
									Electricity outage frequency	EIA	per year	1.0	1.09	-	
	Source	Unit	Weight	2011	Value 10-yr trend										
Fransport (7th)			35%	47.8		49.1	7	7							
tatewide number of airports	BTS	number /square mile	0.5	0.0		0.0	6	6							
load condition	BTS	percent	1.5	7.0		7.0	9	9							
itatewide railroad length	AAR	miles /square mile	1.0	0.1		0.1	3	3							
Bus transit route mileage	BTS	miles /square mile	0.5	0.1		0.1	5	5							
Public road density	BTS	miles /square mile	1.0	0.5		0.5	4	4							
iridge condition	BTS	percent	0.5	7.64		3.25	7	5							
				45.7		45.6	3	3							
vistance to airport	BTS	km	1.0	45.6		45.0	3	3							

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										ı			Italics: Indica	ator contain:	s imputed values
	Source		Weight				US Counties Decile 2011 2021		Source		Weight	2011			US Counties Decile 2011 2021
Fiscal Sustainability (10th)			25%	31.0	Mr	33.8	9 10	Productivity and Competitiveness (8th)			25%	37.5	\sim	49.1	8 8
Statewide government credit rating	Ballotpedia	rating	0.5	5.0	\	3.0	9 1	Export value (goods)	BIEM	\$ /capita	1.0	5,004.2		6,298.9	4 4
Statewide state reserves capacity	0	days	1.0	3.5	M	12.6	9 1	Export value (services)	BIEM	\$ /capita	0.5	555.1	1	786.1	8 6
Government revenue to expenditure ratio	Census	ratio	1.0	0.96		1.02	8	Labor productivity	BLS	\$ per hour	1.5	47.5	\sim	52.4	10 9
Statewide state budget balance	0	\$/capita	1.0	-493.9	\	-319.2	1								
Statewide state pension funding	FR	percent	1.0	41.0	V.	32.6	10 1								
Debt-to-GDP ratio	Census	percent	1.0	0.22		0.23	3 .								
	Source	Unit	Weight		Value		US Counties Decile		Source	Unit	Weight		Value		US Counties Decile
Dynamism (8th)			20%	²⁰¹¹ 43.1	10-yr trend	2021 48.4	8 8	Labor Force Engagement (2nd)			30%	²⁰¹¹ 45.7	10-yr trend	62.6	4 2
Startup concentration	Kauffman	number /1,000 businesses	0.5	87.4	_	76.3	8	Unemployment	BLS	percent	1.0	8.5	1	6.0	6 5
Startup early job creation	Kauffman	number /1,000 population	1.0	4.04	W	4.06	8	Youth unemployment	Census	percent	1.0	13.4	\\\\	11.5	4 6
Startup early survival rate	Kauffman	percent	0.5	77.0	M	79.8	6	Employee Engagement	Gallup	percent	0.5	32.0	√	37.0	3 1
Opportunity-driven startups	Kauffman	percent	1.0	58.7	N	79.4	9	Statewide underemployment	BLS	percent	1.0	5.0	~~^	2.8	3 1
Rate of new entrepreneurs	Kauffman	number /100,000 population	1.5	285.6	M	351.2	7	Labor force participation	Census	percent	1.5	65.4	1	61.5	4 4
Patent applications	USPTO	number /1,000	1.0	165.1	1	53.8	3	,							

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	1	1						ı		ı	1	ı	Italics: Indica	itor contains	
	Source		Weight	2011	Value 10-yr trend		US Counties Decile 2011 2021						Value 10-yr trend		
Material Resources (8th)			25%	53.0	W	51.9		Nutrition (7th)			15%	43.0	S	52.9	6
.ow income	Census	percentage	1.0	31.5	_	27.6	7 7	Food security	FA	percentage	1.0	83.9	1	85.8	6
Poverty	Census	percentage	1.0	21.0	-5	18.9	8 8	Statewide borderline food security	USDA	percentage	1.0	95.0	W/	95.2	3
Deep poverty	Census	percentage	1.0	8.32	$\neg \land$	7.75	8 8	Fruit consumption	BRFSS	percentage		53.32	_/\	53.30	9
Liquid asset poverty	Pros Now	percentage	1.0	37.6		37.6	5 5	Vegetable consumption	BRFSS	percentage	0.5	73.7	1	80.7	9
Statewide high risk loans	Talk Pov	percentage	1.0	8.9		11.4	7 10								
					> →										
	Source	Unit	Weight	2011	Value 10-yr trend	2021	US Counties Decile 2011 2021		Source	Unit	Weight	2011	Value 10-yr trend	2021	US Countie Decile 2011 20
Water Services (8th)			15%	43.2		44.8		Shelter (1st)			15%	70.1	V	78.9	2
Statewide clean and safe water	0	percentage	0.5	93.3		94.6	9 5	Homelessness	HUD	number / 10,000 population	0.5	9.7	1	6.6	3
Public drinking water violations	CHR	Score, 0 or 1	1.0	1.0	\Box	1.0	5 7	Unsheltered homeless rate	HUD	percentage	0.5	15.3	My	29.3	3
Complete kitchen and plumbing facilities	HUD	percentage	1.0	99.07	-1/2	98.96	6 6	Households with overcrowding	HUD	percentage	1.0	1.33	W	0.82	4
					· · · ·			Availability of affordable housing	UI	units / 100 extremely low income tenants	1.0	30.0		50.5	2
	Source	Unit	Unit		Value		US Counties Decile		Source	Unit	Weight		Value		US Countie Decile
Connectedness (2nd)	Source	Unit	Unit 15%			2021	Decile 2011 2021	Protection from Harm (5th)	Source	Unit		²⁰¹¹ 59.4	10-yr trend		Decile 2011 20
	Source	Unit percentage		81.2		2021 88.6	Decile 2011 2021 2 2	Protection from Harm (5th) Fatalities from unintentional injuries	Source	Unit number / 100,000	Weight 15%	2011 59.4 12.4	10-yr trend	2021 63.5	
Connectedness (2nd) Access to broadband Households with a smartphone	FCC	percentage	15%			88.6	Decile 2011 2021 2 2 3 4	Fatalities from unintentional injuries		number / 100,000 population number /	15%	59.4	10-yr trend	63.5	Decile 2011 20 6
			15%	81.2 95.6		95.6	Decile 2011 2021 2 2 3 4		CDC	number / 100,000 population	15%	59.4 12.4	10-yr trend	63.5	Decile 2011 20 6
Access to broadband	FCC	percentage	15%	81.2 95.6		95.6	Decile 2011 2021 2 2 3 4	Fatalities from unintentional injuries	CDC	number / 100,000 population number / 100,000	15%	59.4 12.4	10-yr trend	63.5	Decile 2011 20 6
Access to broadband	FCC	percentage	15%	81.2 95.6		95.6	Decile 2011 2021 2 2 3 4	Fatalities from unintentional injuries	CDC	number / 100,000 population number / 100,000	15%	59.4 12.4	10-yr trend	63.5	Decile 2011 20 6
Access to broadband	FCC	percentage	15%	81.2 95.6		95.6	Decile 2011 2021 2 2 3 4	Fatalities from unintentional injuries	CDC	number / 100,000 population number / 100,000	15%	59.4 12.4	10-yr trend	63.5	Decile 2011 20 6
Access to broadband	FCC	percentage	15%	81.2 95.6		95.6	Decile 2011 2021 2 2 3 4	Fatalities from unintentional injuries	CDC	number / 100,000 population number / 100,000	15%	59.4 12.4	10-yr trend	63.5	Decile 2011 20 6
Access to broadband	FCC	percentage	15%	81.2 95.6		95.6	Decile 2011 2021 2 2 3 4	Fatalities from unintentional injuries	CDC	number / 100,000 population number / 100,000	15%	59.4 12.4	10-yr trend	63.5	Decile 2011 20 6
Access to broadband	FCC	percentage	15%	81.2 95.6		95.6	Decile 2011 2021 2 2 3 4	Fatalities from unintentional injuries	CDC	number / 100,000 population number / 100,000	15%	59.4 12.4	10-yr trend	63.5	Decile 2011 20 6
Access to broadband	FCC	percentage	15%	81.2 95.6		95.6	Decile 2011 2021 2 2 3 4	Fatalities from unintentional injuries	CDC	number / 100,000 population number / 100,000	15%	59.4 12.4	10-yr trend	63.5	Decile 2011 20 6
Access to broadband	FCC	percentage	15%	81.2 95.6		95.6	Decile 2011 2021 2 2 3 4	Fatalities from unintentional injuries	CDC	number / 100,000 population number / 100,000	15%	59.4 12.4	10-yr trend	63.5	Decile 2011 20 6
Access to broadband	FCC	percentage	15%	81.2 95.6		95.6	Decile 2011 2021 2 2 3 4	Fatalities from unintentional injuries	CDC	number / 100,000 population number / 100,000	15%	59.4 12.4	10-yr trend	63.5	Decile 2011 20



Preventative Interventions 50.8 50.3 7 15% 38.4 52.7 7 5 15% (5th) 36.3 Obesity percentage 29.1 78.1 Smoking CHR 1.5 23.6 Adult doctor visits BRFSS percentage 2 Alcohol use disorder 5.7 4.8 DUH Nat Srvy 2.76 8 Illicit drug use disorder 0.5 2.70 6 Statewide child medical visits NSCH 0.5 88.1 77.1 3 percentage Pain reliever misuse 6 Statewide HPV immunizations Pap smear test BRFSS 80.5 71.0 1.0 51.8 NCIRD Statewide child immunization 15% 37.3 63.3 5 Mental Health (10th) 15% 50.0 36.7 9 10 Statewide child mental health access deaths / 100,000 population Adults with no health care coverage CHR 0.5 22.0 7.1 Drug overdose deaths CDC 0.5 28.3 62.3 10 4.79 5.29 Serious mental illness Statewide disability weighted prevalence from years / 100,000 population 76.0 76.0 2,298.6 2,205.5 Preventable hospitalizations for medicare enrolees CHR 1.0 7,668.1 3,957.0 4 Self-reported mental health not good 1.0 12.9 16.5 30.3 54.8 Physical Health (8th) 20% 33.8 10 8 Longevity (7th) 20% 57.7 **V** 6 Diabetes CDC 1.0 9.2 8.1 7 percentage 15-64 mortality Statewide disability weighted prevalence of infectious diseases deaths / 100,000 population IMHE 0.5 412.9 430.6 Maternal mortality IMHE 0.5 0.28 0.26 3 15.0 57.9 55.9 Self-reported poor physical health CHR percentage 1.0 14.9 8 Mortality risk 65-85 IMHE

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49.0 6 Primary Education (6th) 59.8 3 20% 2 5% 66.9 55.4 6 8 Math grade 4 level Pre-primary enrollment Census 44.1 36.8 grade level 4.25 3.45 percentage SEDA Statewide state pre-K quality index score, 0-10 1.0 Statewide science grade 4 score scale score, 0-300 1.5 English, language and arts grade 4 level 4.73 4.38 SEDA grade level 2.0 91.4 Primary enrollment 1.0 94.4 Census percentage 56.0 68.7 45.3 25% 4 Tertiary Education (3rd) 25% 44.9 Math grade 8 level grade level 7 College enrollment scale score, 0-500 157.2 52.3 Statewide science grade 8 score NAEP 1.0 156.4 4 Statewide college graduation rate NCES 1.0 46.6 Statewide university quality for enrolled students 1.5 8.46 0.085 grade level 8.27 QS Rank 1.0 0.085 SEDA English, language and arts grade 8 level 3 High school graduation rate 93.9 Community college graduation rate 35.3 Secondary enrollment percentage 1.0 91.8 97.8 9

Adult Skills (3rd)			25%	50.9		58.7	3	3
Adult population with at least a high school diploma	Census	percentage	1.0	83.8	محمر	87.5	6	6
Adult population with bachelor's degree or higher	Census	percentage	1.0	27.4		30.8	2	2

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Madison, KY: Natural Environment (9th decile*): Element and indicator scores										R	9					
	Source	Unit	Weight		Value		US Counties Decile		Source	Unit	Weight		Italics: Indica	tor contain:	US Counti Decile	ies
Emissions (2rd)				2011	10-yr trend	2021	2011 2021	Exposure to Air Pollution				2011	10-yr trend	2021	2011 2	2021
Emissions (3rd)		index,	25%	55.3		57.1	3 3	(10th)			25%	31.1	~~	38.0		10
CO2 emissions	EPA	0-1 index,	2.0	0.72	- }	0.65		Life expectancy loss from air pollution	JBEN	years	2.0	0.2		0.2	9	9
Nitrous oxide emissions	EPA	0-1	0.5	0.68		0.79	4 3	PM2.5 emissions	EPA	ton / square mile	1.0	2.21	\	2.28	7	8
Carbon monoxide emissions	EPA	index, 0-1 index,	0.5	0.69		0.78	3 2	Lead emissions	EPA	lb / square mile	1.0	7.367	~~	1.551	10	10
Sulfur dioxide emissions	EPA	0-1	0.5	0.869		0.906	6 5	Toxic air releases	EPA	lb / square mile	1.0	298.70	V	234.96	9	9
Ozone emissions	EPA	index, 0-1	0.5	0.74		0.79	2 2									
	Source	Unit	Weight		Value		US Counties Decile		Source	Unit	Weight		Value		US Counti Decile	
Forest, Land and Soil (10th)			20%	24.7	10-yr trend	33.8	10 10	Freshwater (4th)			20%	²⁰¹¹ 79.6	10-yr trend	79.6	4	4
Toxic land releases	EPA	lb / square mile	1.0	128.26		128.26	9 10	Statewide good quality rivers and streams	EPA	percentage	0.5	32.8		32.8	6	6
Statewide rural parks and wildlife areas	USDA	percentage	1.0	1.23		1.19	8 9	Statewide good quality lakes, resevoirs and ponds	EPA	percentage	0.5	59.9		59.9	2	2
Statewide compliant underground storage tanks facilities	EPA	percentage	1.0	49.0	~	68.0	10 4	Total freshwater withdrawals per capita	USGS	million gallons / 1,000 population	1.0	0.14		0.15	2	2
Statewide exposure to pesticides	CDC	number / 100,000 population	1.0	57.4		41.8	9 9	Toxic water releases	EPA	lb / square mile	1.0	0.34		0.34	9	9
Tree canopy cover	NLCD	percentage	1.0	31.567		31.619	4 4									
Wetlands and deepwater habitats	USFWS	percentage	1.0	2.4		2.4	7 7									
	Source	I jair	Heit				US Counties									
5	Source	Unit	Unit	2011	Value 10-yr trend	2021	Decile 2011 2021									
Preservation Efforts (6th)			10%	5.0		5.0	6 6									
Statewide GAP 1 protected areas	USGS	percentage	2.0	0.7		0.7	7 7									
Statewide GAP 2 protected areas	USGS	percentage	1.5	0.7		0.7	9 9									
Statewide GAP 3 protected areas	USGS	percentage	1.0	3.8		3.8	4 4									

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Source Code	Source Name
AAR	Association of American Railroads
ACLU	American Civil Liberties Union
ANES	American National Election Studies
ATRF	American Tort Reform Association
Ballotpedia	Ballotpedia
BBN BEA	BroadbandNow
BIEM	United States Bureau of Economic Analysis Brookings Institution Export Monitor
BJS	United States Bureau of Justice Statistics
BLS	United States Bureau of Labour Statistics United States Bureau of Labour Statistics
BRFSS	Behavioral Risk Factor Surveillance System
BTS	United States Bureau of Transportation Statistics
Cato	Cato - Freedom in the 50 States
CAWP	Center for American Women and Politics
CDC	Centers for Disease Control and Prevention
CDC	CDC National Environmental Public Health Tracking Network
CDC	Centers for Disease Control and Prevention - Diabetes Atlas
Census	Center for Disease Control (WONDER) United States Census Bureau
Census	United States Certists Bureau US Census Bureau
Census	United States Census Bureau, American Community Survey
CHR	County Health Rankings
CJRP	Census of Juveniles in Residential Placement
CNCS	Corporation for National and Community Service, Volunteering & Civil Life in America
CPI	Center for Public Integrity
CPS	Current Population Survey, Civic Engagement Supplement
Cuillier	Dave Cuillier
DOL DUH Nat Srvy	United States Department of Labor Substance Abuse and Mental Health Services Administration, The National Survey on Drug Use and Health
EIA	Substance Abuse and Mental Health Services Administration, The National Survey on Drug Use and Health United States Energy Information Administration
EPA	United States Environmental Protection Agency
FA	Feeding America
FCC	Federal Communications Commission
FDIC	Federal Deposit Insurance Corporation
FI	Fraser Institute
FR	Federal Reserve
FTC Gallup	Federal Trade Commission, Consumer Sentinel Network
Google	Gallup Google Trends
GTD	Global Terrorism Database
GVA	Gun Violence Archive
HCA	Hospital Consumer Assessment of Healthcare Providers and Systems
HJK	Henry J Kaiser Family Foundation
HUD	United States Department of Housing and Urban Development
ICS	Institute for Corruption Studies
IMHE	Institute for Health Metrics and Evaluation
Inst Just JBEN	Institute for Justice Bennett et al. 2019. "Particulate matter air pollution and national and county life expectancy loss in the USA: A spatiotemporal analysis".
Kauffman	Rauffman Foundation
MAP	Movement Advancement Project
MIT	MIT Election and Data Science Lab coding of state policies
Mukherjee	Mukherjee et al.
NAACP	National Association for the Advancement of Colored People
NACJD	National Archive Of Criminal Justice Data
NAEP	National Assessment of Educational Progress National Content for Assessment of Educational Progress
NCAJ NCES	National Center for Access to Justice National Center for Education Statistics
NCIRD	National Center for Immunization and Respiratory Diseases
NCSL	National Conference of State Legislatures
NIEER	National Institute for Early Education Research
NIMP	National Institute on Money in Politics
NLCD	National Land Cover Database
NSCH	National Survey of Children's Health
NVCA POL	National Venture Capital Association
Pros Now	Polaris Project Prosperity Now Scorecard
PRRI	Public Religion Research Institute
QS Rank	OS World University Rankings
QuantGov	QuantGov
SEDA	Stanford Education Data Archive
SPLC	Southern Poverty Law Center
State OR	State of Oregon
Talk Pov	Talk Poverty
Tax Found UI	Tax Foundation Urban Institute
USDA	United States Department of Agriculture
USFWS	United States Fish and Wildlife Service
USGS	United States Geological Survey
USPFT	United States Press Freedom Tracker
USPIRG	United States Public Interest Research Group
USPTO	United States Patent and Trademark Office
USRC	United States Religious Census
WaPo	Washington Post
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