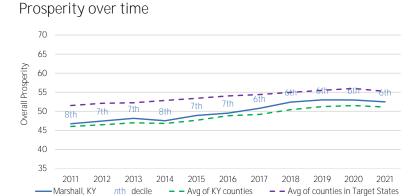
## Marshall, KY: Overall Prosperity 52.5 (6th decile\*)







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	46.7	/	52.5	6	<b>2</b>	28
Inclusive Societies	49.8		58.0	5	<b>2</b>	76
Safety and Security	65.6	~~~	71.0	4	<b>1</b>	79
Personal Freedom	49.4		54.4	5		2
<u> Governance</u>	36.4		55.6	4	<b>4</b>	1
Social Capital	47.6	~~	51.1	4	<b>1</b>	11
Open Economies	42.9	<u></u>	48.4	7	<b>1</b>	17
Business Environment	41.2	~~~	44.3	6	<b>1</b>	13
Infrastructure	51.0	^^	53.1	3	<b>1</b>	30
Economic Quality	36.5		47.9	9		26
Empowered People	47.4		50.9	8	<b>▼</b> 1	60
Living Conditions	64.8		69.5	3		15
C Health	43.1	~	48.4	7	<b>^</b> 2	23
	48.9	✓	51.2	6	<b>▼</b> 1	39
Matural Environment	33.0		34.4	10		113

<sup>\*</sup> The 1,196 counties in the 12 states have been grouped into deciles, for each pillar, element and indicator. Counties in the 1st decile are the strongest performers and those in the 10th decile are the weakest
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Marshall, KY (6th decile*): Pillar and	d eleme	nt scores											
Safety and Security	65.6	Overall Prosperity 10-yr trend	<sup>2021</sup> 71.0	2021 4	Counties Decile 10-yr decile chr	g. KY Rank 2021 79	Personal Freedom	<sup>2011</sup>		4.4	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	~	51.8	4		1
Violent Crime 50%	73.3	W_	73.0	4		72	Freedom of Association and Speech 15%	40.0		10.0	3	<b>a</b> 2	1
Property Crime 35%	39.9		55.8	5	<b>▲</b> 2	85	Absence of Legal Discrimination 25%	27.6		17.6	4	<b>▲</b> 1	1
		₩					Social Tolerance 30%	57.1		59.9	8	<b>▼</b> 2	2
		Overall Prosperity		USO	Counties Decile	KY Rank			Overall Prosperity		US Co	ounties Decile	KY Rank
Governance	36.4	10-yr trend	55.6	4	10-yr decile chr	g. KY Rank 2021	Social Capital	<sup>2011</sup> 47.6		1.1	4	10-yr decile chng.	2021
Political Accountability 30%	36.3		51.9	9		1	Personal and Family Relationships 25%	48.6		52.6	6	<b>▲</b> 1	10
Rule of Law 35%	26.5		64.0	2	<b>A</b> 6	1	Social Networks 25%	48.8		50.2	4	<b>-</b> .	7
Government Integrity 35%	46.4		50.4	5	<b>▲</b> 3	1	Institutional Trust 20%	65.2		55.2	2	<b>-</b> .	5
				 			Civic and Social Participation 30%	34.2	$\mathcal{M}_{\sim}$	32.9	8	<b>▼</b> 1	34
		Overall Prosperity			Counties Decile	KY Rank	N		Overall Prosperity		US Co	ounties Decile	KY Rank
Business Environment	41.2	10-yr trend	44.3	6	10-yr decile chr	g. 2021 13	Infrastructure	<sup>2011</sup> 51.0		3.1	3	10-yr decile chng.	30
Financing Ecosystems 40%	29.9	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	33.1	6		13	Communications 40%	54.4	<b>J</b> *	54.4	3		33
Domestic Market Contestability 30%	48.6	702	47.2	8		1	Resources 25%	39.4	٨	18.7	8	<b>▲</b> 1	82
Burden of Regulation 10%	14.6	1/7	18.4	10	= .	1	Transport 35%	55.2	# Trivia	54.8	4		11
Labor Market Flexibility 10%	70.9	V /	67.6	5	= .	1			V				
Price Distortions 10%	61.5		82.9	2	<u> </u>	1							
\$	2011	Overall Prosperity 10-yr trend	2021	US ( 2021	Counties Decile 10-yr decile chr	KY Rank g. 2021		j					
Economic Quality	36.5	~~	47.9	9		26							
Fiscal Sustainability 25%	26.9	M	26.6	10		109							
Productivity and Competitiveness 25%	50.0		57.2	7	<b>▼</b> 2	2							
Dynamism 20%	33.4	1	49.2	7	<u>^</u> 2	37							
Labor Force Engagement 30%	35.2	~	57.1	4	<b>▲</b> 3	49							
	2011	Overall Prosperity 10-yr trend	2021	2021	Counties Decile 10-yr decile chr	KY Rank g. 2021	$\sim$	2011	~~	021	2021	ounties Decile 10-yr decile chng.	KY Rank 2021
Living Conditions	64.8	سم	69.5	3		15	Health	43.1	4	8.4	7	<b>^</b> 2	23
Material Resources 25%	65.3	Ty	62.6	6	<b>▼</b> 2	10	Behavioral Risk Factors 15%	48.0	1	47.1	8		26
Nutrition 15%	44.5	W.	55.3	7	<b>▼</b> 1	25	Preventative Interventions 15%	38.4	~~~!	52.7	5	<b>^</b> 2	24
Water Services 15%	81.3	~~~	89.5	2	<u>^</u> 2	15	Care Systems 15%	35.5	-	53.1	4	<u>^</u> 2	16
Shelter 15%	64.6	J,	69.1	3	<b>A</b> 1	84	Mental Health 15%	53.0	$\sim$	10.7	9		15
Connectedness 15%	73.9		81.0	4	<b>▼</b> 1	32	Physical Health 20%	35.7		34.9	8	<b>▲</b> 1	18
Protection from Harm 15%	58.6	1 W	64.0	5	<u>^</u> 2	14	Longevity 20%	48.5	<b>//</b>	54.4	7	<b>▲</b> 1	39
		Ouerall Brown with		He.	Counties Decile	KY Rank		İ	Quorali Promovito		He A-	ounties Decile	KY Rank
Education	2011	Overall Prosperity 10-yr trend	2021 E.1. 2	2021	10-yr decile chr	g. 2021	Natural Environment	2011		021	2021	10-yr decile chng.	
Education	48.9		51.2	6		39	Natural Environment	33.0		4.4	10	-	113
Pre-Primary Education 5%	66.4		51.4	5	▼ 3	58	Emissions 25%	45.5	7*	33.4	9	<b>▼</b> 2	108
Primary Education 20%	60.0		61.6	5	▼ 1	62	Exposure to Air Pollution 25%	17.0		27.7	10		118
Secondary Education 25%	65.3	~//~	61.2	6	▼ 3	79	Forest, Land and Soil 20%	34.2	Frey .	13.3	7	<b>A</b> 1	70
Tertiary Education 25%	30.7	~	34.8	8	<b>A</b> 1	33	Freshwater 20%	50.2	1	50.0	9		110
Adult Skills 25%	38.2		49.3	6	= .	23	Preservation Efforts 10%	5.0		5.0	6		1
								i ! !				İ	
* The 1,196 counties in the 12 states have been grouped into decile	as for mate.	lar element and india.	Counti	the 1rt de-"	are the stee	erformers and there is a	10th darila ara tha waakast	<u> </u>					
** There is no country variation in Governance, all countries have be	caun pil مد. ر	. , and indicator	rues in	ar uetne	strongest								

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	1	!		1			US.C	ounties	I	1		!	1	ITAIICS: IF	ndicator contail	ns imputed US Cou
	Source	Unit	Weight	2011	Value 10-yr trend		De	cile 2021		Source	Unit	Weight	2011	Value 10-yr trer		Dec 2011
Mass Killings and Injuries (1st)			15%	100.0		100.0	1		Violent Crime (4th)			50%	73.3	W	73.0	4
Mass shooting deaths	GVA	deaths /1,000,000	1.5	0.0		0.0	1	1	Murder	NACJD	deaths /100,000 population	1.5	0.0	W	0.0	1
Mass shooting injuries	GVA	population injuries /1,000,000 population	1.0	0.0		0.0	1	1	Rape	NACJD	incidents /100,000	1.0	35.2		41.8	8
Terrorism deaths	GTD	deaths /1,000,000	1.0	0.0000		0.0000	1	1	Aggravated assaults	NACJD	population assaults /100,000	1.0	41.6	77	41.8	2
Terrorism injuries	GTD	population injuries /1,000,000	0.5	0.0000		0.0000	1	1	Robbery	NACJD	population incidents /100,000	0.5	12.8	-1 <sup>N</sup>	6.4	5
Terrorism events	GTD	population events /1,000,000	0.5	0.0		0.0	1	1			population			¥		
		population														
	Source	Unit	Weight		Value			ounties		<u> </u>		<u> </u>				1
	5500	Oill		2011	10-yr trend		2011	2021								
Property Crime (5th)			35%	39.9	المار.	55.8	7	5								
Burglary	NACJD	incidents /100,000 population	1.5	754.9	المر	350.5	8	5								
Motor vehicle theft	NACJD	incidents /100,000 population	0.5	80.0	$\mathbb{V}$	135.0	5	8								
Larceny theft	NACJD	incidents /100,000 population	1.0	1,142.0		768.5	5	4								
Identity theft	FTC	reports /100,000 population	0.5	168.3		168.3	5	3								
	1	1	l .	1			1		I							

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														Italics: Indica	ator contain.	s imputed value
	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	- To-yi tidib	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	~~\ <sup>T</sup>	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		Source	Unit	Weight		Value		US Counties Decile
Absence of Legal				2011	10-yr trend	2021	2011						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 1
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	/	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								

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64.0

25.0

0.0

35%

1.5

index rank 1-51

NCAI

26.5

50.0

	Source	Unit	Weight	2011	Value 10-yr trend	2021		unties cile 2021	
Political Accountability (9th)			30%	36.3		51.9	9		Rule of Law (2nd)
Statewide Elections Performance Index	MIT	index score, 0-1	1.5	0.62	~\\	0.71	8	4	Statewide Justice Index
Statewide gender balance in legislatures	CAWP	percentage	0.5	18.8	~	26.8	9	6	Statewide judicial integrity
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	
							US Co	untios	
	Source	Unit	Weight	2011	Value 10-yr trend	2021		cile 2021	
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	
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O O	Unit  percentage  percentage	25%	2011 48.8 43.3	Value 10-yr trend	50.2	US Counties Decile 2011 2021
0			48.8			
0		1.0	43.3			
o	percentage				- 43.3	1
		1.0	57.0		57.0	5 4
	percentage	1.5	52.8		52.8	6 6
NSCH	percentage	1.0	57.3		59.0	4
ANES	coding, 0-1	0.5	0.5		- 0.5	4
						US Counties
Source			2011	10-yr trend	2021	Decile 2011 2021
		30%	34.2	NW	32.9	7 8
Census	instances, /1,000 population	1.0	0.30	M	0.28	7 8
CNCS	hours, per capita	0.5	30.0	M	20.7	7 10
Census	hours, per capita	0.5	28.8	M	62.3	8
Census	percentage	1.0	20.0		17.5	9 10
CNCS	instances, /1,000	0.5	2.41	M	1.90	3
Census	percentage	0.5	1.7		8.9	1
Census	number /1,000 population	1.0	0.413		0.353	5
USRC	number /1,000 population	0.5	2.2		- 2.2	5
0	percentage	0.5	25.4		25.4	2 2
0	percentage	0.5	12.9		12.9	2 2
0	percentage	0.5	9.0		9.0	9 9
	CNCS Census CNCS Census CNCS Census USRC  0	Census instances, 71,000 population hours, per capita hours, per capita hours, per capita hours, per capita hours, per capita hours, per capita hours, per capita hours, per capita hours, per capita hours, per capita hours, 71,000 per capita hours, 71,000 population hours	30%   30%	30%   34.2	30%   34.2   3	30%   34.2   32.9   3

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Marshall, KY: Business Environ	nem (or	rracene ). E	rement			,, 00							Italics: Indica	tor contain:	imputed value:
											Weight				
Financing Ecosystems (6th)			40%	29.9	WW	33.1	6 6	Domestic Market Contestability (8th)			30%	48.6	\	47.2	8 8
Venture capital invested	NVCA	\$ /capita	1.0	16.3	w	81.2	5 3	Statewide low-income licensed occupations	Inst Just	number	1.5	37.0		37.0	2
Number of venture capital deals	NVCA	number /1,000,000	1.0	4.6	<b>√</b> ~	7.2	4 4	Statewide occupational licensing training cost	Inst Just	s	1.0	240.0		240.0	5
Assets under management	NVCA	\$ /capita	1.0	42.5	1	9.0	5 7	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	$\Lambda \Lambda \Lambda$	0.0	6 6	Statewide age requirements for license	Inst Just	years	1.0	13.0		13.0	8
New foreign direct investment	BEA	\$ /capita	1.0	89.4	$\overline{}$	88.9	7 8	Statewide regulation density index	Cato	index score	1.0	0.000	\	-0.006	4
Bank branch access	FDIC	number /square mile	1.5	0.033		0.033	3 3								
	Source	Unit	Weight	2011	Value 10-yr trend	2021	US Counties Decile 20112021		Source	Unit	Weight	2011	Value 10-yr trend	2021	US Counties Decile 2011 2021
Burden of Regulation (10th)			10%	14.6	<b>\^</b>	18.4	10 10	Labor Market Flexibility (5th)			10%	70.9	1	67.6	5 5
Statewide Federal Regulation and State Enterprise Index	QuantGov	index score	1.0	1.23	V_	1.19	8 8	Statewide collective bargaining agreement coverage	FI	percent	1.0	9.6	W	11.4	6
Statewide state regulation	QuantGov	percent	1.0	1.916	<u> </u>	1.903	10 10	-	НЈК	s	0.5	4,042.0		4,910.0	2
					·			Workers Compensation Premium Rate	State OR	\$ per \$100	0.5	2.3		0.8	5 :
								Statewide minimum wage	DOL	s	1.0	7.3		7.3	3
					Value 10-yr trend		US Counties Decile 2011 2021								
Price Distortions (2nd)			10%	61.5	1	82.9	6 2								
Statewide subsidies to the private sector	BEA	percent	1.0	0.17	1	0.10	6 6								
Statewide Corporate Tax Score	Tax Found	index score	1.0	5.11	~J	5.45	5 4								

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48.7

0.00 0.0159 0.228 137.2

1.46

														Italics: Indicate
	Source			2011						Source				
Communications (3rd)			40%	54.4		54.4	3		Resources (8th)			25%	39.4	~~
Mean download speed	BBN	Mbps	1.5	86.8		86.8	3	3	Customers affected by electricity outages	Mukherjee	number /10,000 population	0.5	0.11	N
Ultra-fast internet access	BBN	percent	1.0	25.5		25.5	4	4	Statewide net electricity generation	EIA	kWh /capita	1.0	0.0207	7
Fast internet access	BBN	percent	1.0	98.4		98.4	4	4	Water usage	USGS	Mgal /capita	1.0	0.268	
Internet providers (Business)	FCC	number	0.5	1.0		1.0	3	3	Electricity outage duration	EIA	minutes	1.0	148.0	$\mathcal{A}$
									Electricity outage frequency	EIA	per year	1.0	1.58	_/
	Source			2011	Value 10-yr trend									
Transport (4th)			35%	55.2	7	54.8	4	4						
Statewide number of airports	BTS	number /square mile	0.5	0.0		0.0	6	6						
Road condition	BTS	percent	1.5	2.9		2.9	7	7						
Statewide 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	0.7		0.7	3	3						
Bridge condition	BTS	percent	0.5	2.45		3.81	4	5						
Distance to airport	BTS	km	1.0	44.1		44.1	3	3						
1				1			l							

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													Italics: Ind	icator contain:	s imputed values
	Source														
Fiscal Sustainability (10th)			25%	26.9	~~	26.6	10	10	Productivity and Competitiveness (7th)			25%	50.0	57.2	5 7
Statewide government credit rating	Ballotpedia	rating	0.5	5.0		3.0	9	10	Export value (goods)	BIEM	\$ /capita	1.0	16,689.8	11,733.2	1 1
Statewide state reserves capacity	0	days	1.0	3.5	M	12.6	9	10	Export value (services)	BIEM	\$ /capita	0.5	1,118.5	1,169.3	3 4
Government revenue to expenditure ratio	Census	ratio	1.0	0.95	$\neg \bigvee$	0.99	8	7	Labor productivity	BLS	\$ per hour	1.5	47.5	52.4	10 9
Statewide state budget balance	0	\$ /capita	1.0	-493.9		-319.2	1	8							
Statewide state pension funding	FR	percent	1.0	41.0	h	32.6	10	10							
Debt-to-GDP ratio	Census	percent	1.0	2.51		5.04	5	6							
					•										
	Source												Value 2011 10-yr trend	2021	
Dynamism (7th)			20%	33.4	M	49.2	9	7	Labor Force Engagement (4th)			30%	35.2	57.1	7 4
Startup concentration	Kauffman	number /1,000 businesses	0.5	87.4	\	76.3	8	6	Unemployment	BLS	percent	1.0	10.5	6.1	8 5
Startup early job creation	Kauffman	number /1,000 population	1.0	4.04	M	4.06	8	8	Youth unemployment	Census	percent	1.0	17.1	12.7	6 6
Startup early survival rate	Kauffman	percent	0.5	77.0	M	79.8	6	3	Employee Engagement	Gallup	percent	0.5	32.0	37.0	3 1
Opportunity-driven startups	Kauffman	percent	1.0	58.7	M	79.4	9	8	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	6	Labor force participation	Census	percent	1.5	59.0	54.6	7 8
Patent applications	USPTO	number /1,000	1.0	0.0	\\	64.3	7	6							

<sup>\*</sup> The 1,196 counties in the 12 states have been grouped into deciles, for each pillar, element and indicator. Counties in the 1st decile are the strongest performers and those in the 10th decile are the weakest



		ı		ı				ı	1				Italics: Indica	tor contain:	s imputed v	
	Source		Weight	2011	Value 10-yr trend		US Counties Decile 2011 2021		Source	Unit			Value 10-yr trend		US Cour Decil 2011	
Material Resources (6th)			25%	65.3	7	(0)		Nutrition (7th)			15%	44.5	W	55.3	6	
Low income	Census	percentage	1.0	20.5	-W	19.2	3 3	Food security	FA	percentage	1.0	84.8	~	87.2	5	
Poverty	Census	percentage	1.0	12.0	ľΝ	10.4	3 3	Statewide borderline food security	USDA	percentage	1.0	95.0	W/	95.2	3	
Deep poverty	Census	percentage	1.0	4.88	- $$	4.66	4 4	Fruit consumption	BRFSS	percentage	0.5	53.32	_/\	53.30	9	
Liquid asset poverty	Pros Now	percentage	1.0	37.7		37.7	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									
					<b>5</b> -4											
	Source	Unit	Weight		Value		US Counties Decile		Source	Unit	Weight		Value		US Cour Decil	
Water Services (2nd)			15%	2011 81.3	10-yr trend	89.5	2011 2021 4 2	Shelter (3rd)			15%	2011 64.6	10-yr trend	<sup>2021</sup> 69.1		201
Statewide clean and safe water	0	percentage	0.5	93.3		94.6	9 5		HUD	number / 10,000 population	0.5	9.7		6.6	3	
Public drinking water violations	CHR	Score, 0 or 1	1.0	0.0		0.0	1 1	Unsheltered homeless rate	HUD	percentage	0.5	15.3	Vn.	29.3	3	
Complete kitchen and plumbing facilities	HUD	percentage	1.0	98.83	_/~	99.55	7 2	Households with overcrowding	HUD	percentage	1.0	0.66	7	2.28	2	
					٧			Availability of affordable housing	UI	units / 100 extremely low	1.0	11.4		38.5	6	
										income tenants					_	
	Source	Unit	Linit				US Counties		Source	Unit	Mojobt				US Cour	nties
Caranata da sas (44b)	Source		Unit	2011	Value 10-yr trend	2021	Decile 2011 2021	Ducto otlan from House (Eth)	Source	Unit	Weight	2011	Value 10-yr trend			
Connectedness (4th)			15%	73.9	/	81.0		Protection from Harm (5th)		number /	15%	58.6		64.0	7	
Access to broadband	FCC	percentage	1.5	98.1		98.1	2 3	,	CDC	100,000 population number /	1.0	16.9	~ `	16.5	5	
Households with a smartphone	Census	percentage	1.0	63.5	/	71.0	5 7	Traffic deaths	CDC	100,000 population	1.0	22.2	/ \	18.8	6	
* The 1,196 counties in the 12 states have been grouped into	rilacillas for acel	nillar plomont and in-	Scator Counting	s in the let de-	rile are the etrope	st performers s	and those in the 10th	torile are the weakest		İ						_



Preventative Interventions 48.0 47.1 8 15% 38.4 52.7 7 5 15% 8 (5th) Obesity percentage 30.7 35.6 23.0 Adult doctor visits 78.1 Smoking CHR 1.5 24.4 BRFSS percentage Alcohol use disorder 5.6 4.0 DUH Nat Srvy 2.81 6 Illicit drug use disorder 0.5 2.44 Statewide child medical visits NSCH 0.5 88.1 77.1 3 percentage percentage Pain reliever misuse Statewide HPV immunizations Pap smear test BRFSS 80.5 51.8 71.0 1.0 NCIRD Statewide child immunization 15% 35.5 63.1 Mental Health (9th) 15% 53.0 40.7 9 Statewide child mental health access Adults with no health care coverage CHR 0.5 21.7 7.4 CDC 18.4 5.13 5.50 10 Serious mental illness Statewide disability weighted prevalence from years / 100,000 population 84.0 84.0 2,298.6 2,205.5 Preventable hospitalizations for medicare enrolees CHR 1.0 8,994.7 4,691.0 7 6 Self-reported mental health not good 1.0 11.4 16.3 Physical Health (8th) 20% 35.7 34.9 9 8 Longevity (7th) 20% 48.5 N 54.4 8 Diabetes CDC 1.0 8.8 8.1 6 8 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 0.26 0.24 14.4 57.6 Self-reported poor physical health CHR percentage 1.0 12.4 7 Mortality risk 65-85 IMHE

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	1		1				US Counties						Italics: Indica	ntor contain.	imputed value
	Source		Weight	2011	Value 10-yr trend		Decile 2011 2021		Source	Unit	Weight	2011	Value 10-yr trend		Decile 2011 202
Pre-Primary Education (5th)			5%	66.4	M	51.4	2 5	Primary Education (5th)			20%	60.0		61.6	4
Pre-primary enrollment	Census	percentage	2.0	50.5	$\sim$	39.1	3 7	Math grade 4 level	SEDA	grade level	2.0	3.95		3.10	5
Statewide state pre-K quality	NIEER	index score, 0-10	1.0	9.0		8.0	1 1	Statewide science grade 4 score	NAEP	scale score, 0-300	1.5	160.7		160.2	1
								English, language and arts grade 4 level	SEDA	grade level	2.0	4.52	\	4.52	3
								Primary enrollment	Census	percentage	1.0	91.5	$\mathcal{N}$	97.7	9
	Source	Unit	Weight		Value		US Counties Decile		Source	Unit	Weight		Value		US Counties Decile
Secondary Education (6th)			25%	<sup>2011</sup> 65.3	10-yr trend	61.2	3 6	Tertiary Education (8th)			25%	30.7	10-yr trend	34.8	9 8
Math grade 8 level	SEDA	grade level	1.5	7.18		6.40	8 10		Census	percentage	1.0	28.1	_/ /	32.7	5
Statewide science grade 8 score	NAEP	scale score, 0-500	1.0	156.4		157.2	2 4		NCES	percentage	1.0	46.6		52.3	8
English, language and arts grade 8 level	SEDA	grade level	1.5	8.53		7.96	2 5	Statewide university quality for enrolled	QS Rank	Legatum Institute score	1.0	0.085		0.085	9
High school graduation rate	CHR	percentage	1.0	85.9		95.0	4 3	students  Community college graduation rate	NCES	percentage	1.0	35.3		35.3	7
Secondary enrollment	Census	percentage	1.0	98.7	7	98.0	3 4								
					V-										
							US Counties								
	Source		Unit	2011	Value 10-yr trend		Decile 2011 2021								
Adult Skills (6th)			25%	38.2	كسر	49.3	6 6								
Adult population with at least a high school diploma	Census	percentage	1.0	83.2		88.7	6 5								
Adult population with bachelor's degree or higher	Census	percentage	1.0	14.8	_~~	19.2	7 6								
					•										

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Marshall, KY: Natural Environment (10th decile*): Element and indicator scores													(2)		
							US Counties							ator contains	s imputed values US Counties
	Source		Weight		Value 10-yr trend		Decile 2011 2021	Evenouse to Ale Dollution	Source	Unit			Value 10-yr trend		Decile 2011 2021
Emissions (9th)			25%	45.5		33.4	7 9	Exposure to Air Pollution (10th)			25%	17.0		27.7	10 10
CO2 emissions	EPA	index, 0-1	2.0	0.71		0.07	5 10	Life expectancy loss from air pollution	JBEN	years	2.0	0.2		0.2	10 10
Nitrous oxide emissions	EPA	index, 0-1	0.5	0.60		0.64	5 6	PM2.5 emissions	EPA	ton / square mile	1.0	3.93		4.40	9 10
Carbon monoxide emissions	EPA	index, 0-1	0.5	0.61	لسري	0.64	5 6	Lead emissions	EPA	lb / square mile	1.0	3.635		0.800	10 10
Sulfur dioxide emissions	EPA	index, 0-1	0.5	0.403	لر	0.605	10 10	Toxic air releases	EPA	lb / square mile	1.0	9,220.28		8,599.82	10 10
Ozone emissions	EPA	index, 0-1	0.5	0.61	\	0.64	4 5								
	Source		Weight		Value 10-yr trend		US Counties Decile 2011 2021		Source	Unit			Value 10-yr trend		US Counties Decile 2011 2021
Forest, Land and Soil (7th)			20%	34.2	The same of the sa	43.3		Freshwater (9th)			20%	50.2		50.0	9 9
Toxic land releases	EPA	lb / square mile	1.0	20.25		20.25	9 9	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	0.59		0.63	6 6
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	358.30		358.30	10 10
Tree canopy cover	NLCD	percentage	1.0	33.056		32.878	4 4								
Wetlands and deepwater habitats	USFWS	percentage	1.0	18.3		18.3	2 2								
	Source		Unit		Value 10-yr trend		US Counties 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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ACLU American Civil Liberties Union ANES American National Election Studies ATRF American Tort Reform Association Ballotpedia Ballotpedia BBN BroadbandNow United States Bureau of Economic Analysis BEA Brookings Institution Export Monitor United States Bureau of Justice Statistics BIFM BJS United States Bureau of Labour Statistics Behavioral Risk Factor Surveillance System BRFSS BTS United States Bureau of Transportation Statistics Cato - Freedom in the 50 States Cato Center for American Women and Politics Centers for Disease Control and Prevention CAWE CDC CDC National Environmental Public Health Tracking Network Centers for Disease Control and Prevention - Diabetes Atlas cnc CDC CDC Center for Disease Control (WONDER) United States Census Bureau Census US Census Bureau
United States Census Bureau, American Community Survey Census Census County Health Rankings
Census of Juveniles in Residential Placement CHR CJRP CNCS Corporation for National and Community Service, Volunteering & Civil Life in America Center for Public Integrity
Current Population Survey, Civic Engagement Supplement CPI Cuillier Dave Cuillier Dave Cullier
United States Department of Labor
Substance Abuse and Mental Health Services Administration, The National Survey on Drug Use and Health
United States Energy Information Administration DOL DUH Nat Srvy FPA United States Environmental Protection Agency Feeding America Federal Communications Commission Federal Deposit Insurance Corporation FCC FDIC Fraser Institute FR Federal Reserve FTC Federal Trade Commission, Consumer Sentinel Network Gallup Gallup Google Trends Global Terrorism Database GVA Gun Violence Archive Hospital Consumer Assessment of Healthcare Providers and Systems HCA ΗЈК Henry J Kaiser Family Foundation United States Department of Housing and Urban Development Institute for Corruption Studies HUD IMHF Institute for Health Metrics and Evaluation nst Just JBEN Bennett et al. 2019. "Particulate matter air pollution and national and county life expectancy loss in the USA: A spatiotemporal analysis" Kauffman Kauffman Foundation MAP Movement Advancement Project MIT Election and Data Science Lab coding of state policies Mukherjee et al.

National Association for the Advancement of Colored People Mukheriee NAACP National Archive Of Criminal Justice Data National Assessment of Educational Progress NACJD NAEP NCAL National Center for Access to Justice National Center for Education Statistics NCES National Center for Immunization and Respiratory Diseases National Conference of State Legislatures NCIRD NCSL NIFFR National Institute for Early Education Research National Institute on Money in Politics NIMP NLCD National Land Cover Database National Survey of Children's Health National Venture Capital Association NSCH NVCA Polaris Project POL Prosperity Now Scorecard Public Religion Research Institute QS World University Rankings Pros Now PRRI QS Rank QuantGov QuantGov Stanford Education Data Archive Southern Poverty Law Center State of Oregon SPLC State OR Talk Poverty Tax Foundation Talk Pov Tax Found Urban Institute United States Department of Agriculture USDA United States Fish and Wildlife Service United States Geological Survey LISEWS USGS United States Press Freedom Tracker United States Public Interest Research Group LISPET USPIRG United States Patent and Trademark Office United States Religious Census USPTO USRC WaPo Washington Post