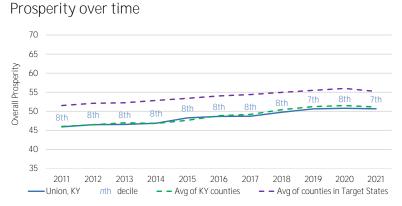
Union, KY: Overall Prosperity 50.6 (7th decile*)







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	45.9		50.6	7	1	69
Inclusive Societies	51.4	~~~	57.9	5	1	80
Safety and Security	73.0	-	72.7	4		76
Personal Freedom	49.4		54.4	5		2
Governance	36.4		55.6	4	4	1
Social Capital	46.6	~	48.8	5		65
Open Economies	40.8		45.2	9		52
Business Environment	39.9	~~/	42.3	7	1	39
Infrastructure	44.5	^	47.1	6		69
Economic Quality	37.9		46.1	9		42
Empowered People	45.5		48.9	9		78
Living Conditions	49.3	-	52.3	9	▼ 1	104
Health	37.3	/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	42.5	9	1	65
	45.1		48.2	7	▼ 1	65
Natural Environment	50.3		52.4	6	1	71

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

Union, KY (7th decile*): Pillar and ele	ement s	scores											
Safety and Security	73.0	Overall Prosperity 10-yr trend	²⁰²¹ 72.7	US Cou 2021 1	inties Decile 10-yr decile chng	KY Rank 2021 76	Personal Freedom	²⁰¹¹ 49.4	Overall Prosperity 10-yr trend	²⁰²¹ 54.4	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	~	61.8	4		1
Violent Crime 50%	82.8	V~	64.1	6	▼ 3	87	Freedom of Association and Speech 15%	40.0		40.0	3	▲ 2	1
Property Crime 35%	47.4	\\	73.1	3	A 3	51	Absence of Legal Discrimination 25%	27.6		47.6	4	▲ 1	1
							Social Tolerance 30%	57.1		59.9	8	▼ 2	2
		Overall Prosperity		US Cou	inties Decile	KY Rank			Overall Prosperity		USC	ounties Decile	KY Rank
Governance	36.4	10-yr trend	²⁰²¹ 55.6	2021 1	0-yr decile chng	2021	Social Capital	²⁰¹¹ 46.6	10-yr trend	²⁰²¹ 48.8	2021	10-yr decile chng.	2021 65
Political Accountability 30%	36.3		51.9	9		1	Personal and Family Relationships 25%	44.4	20	52.3	9	▼ 1	90
Rule of Law 35%	26.5		64.0	2	A 6	1	Social Networks 25%	48.8	^	50.2	4		7
Government Integrity 35%	46.4		50.4	5	A 3	1	Institutional Trust 20%	65.2		65.2	2		5
		~					Civic and Social Participation 30%	34.2	M	33.8	7		21
				US Con	soline Danilla	KY Rank			**		us c	ounties Decile	KY Rank
C Durbon Facilities	2011	Overall Prosperity 10-yr trend	2021	2021 1	inties Decile 10-yr decile chng	2021	7	2011	10-yr trend	2021	2021	10-yr decile chng.	2021
Business Environment	39.9	~~	42.3	7	1	39	Infrastructure	44.5	Jv '	47.1	6		69
Financing Ecosystems 40%	26.6	M	28.3	7	▼ 1	39	Communications 40%	40.8	4 0 0	40.8	6		75
Domestic Market Contestability 30%	48.6	A	47.2	8		1	Resources 25%	48.5	<i>N V V</i>	57.7	5	A 2	31
Burden of Regulation 10%	14.6	\sim	18.4	10		1	Transport 35%	46.0	/	46.7	8		76
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		inties Decile 10-yr decile chng	KY Rank 2021							
Economic Quality	37.9	- شمرم	46.1	9		42							
Fiscal Sustainability 25%	34.1	\sim	34.7	10	▼ 2	30							
Productivity and Competitiveness 25%	47.3	/\\\\-	53.6	7	▼ 1	12							
Dynamism 20%	38.9	Sw	43.8	9		60							
Labor Force Engagement 30%	32.6	Outsill Proposed to	50.7	6	▲ 1	80			O and Il Bernardia		usc	ounties Decile	KY Rank
Living Considiations	2011	10-yr trend	2021	2021 1	10-yr decile chng	KY Rank 2021	CO Harden	2011	10-yr trend	2021	2021	10-yr decile chng.	
Living Conditions	49.3	·V	52.3	9	1	104	Health	37.3		42.5	9	1	65
Material Resources 25%	40.6		42.6	10		78	Behavioral Risk Factors 15%	42.3	7	36.7	10	▼ 1	85
Nutrition 15%	38.0	~~\ 	49.4	8	▼ 1	65	Preventative Interventions 15%	38.4	~~~	52.7	5	A 2	24
Water Services 15%	48.7	2	48.8	7		104	Care Systems 15%	28.9		55.0	5	<u>2</u> 2	82
Shelter 15%	73.3	~	72.8	2	7 1	45	Mental Health 15%	50.4	>~\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	37.9	10	1	43
Connectedness 15%	63.9		74.6	6	1	47	Physical Health 20%	25.9	M	22.6	10	= ·	76
Protection from Harm 15%	37.1	Overall Prosperity	32.3	10 US Cou	inties Decile	114 KY Rank	Longevity 20%	40.4	Overall Prosperity	53.0	8 US C	2 Ounties Decile	46 KY Rank
Education	2011 4.5. 1	10-yr trend	²⁰²¹ 48.2		IO-yr decile chng	2021	Natural Environment	2011 50.3	10-yr trend	2021 52.4	2021	10-yr decile chng.	2021 71
0,	45.1	~			'		/	50.3	<i></i>		6		
Pre-Primary Education 5%	76.3	- 111	68.5	2	T 1	7	Emissions 25%	56.0		56.2	3		29
Primary Education 20%	65.6	7 1	59.2	5	2	71	Exposure to Air Pollution 25%	53.3	~	55.5	8		76
Secondary Education 25%	50.1	~	59.6 28.8	7		86	Forest, Land and Soil 20%	32.6	-	41.7	8	▲ 1 ▼ 1	84
Tertiary Education 25%	27.5	~	28.8	7		113	Freshwater 20% Preservation Efforts 10%	79.8		78.5	4	▼ 1 = -	88
Adult Skills 25%	35.1	~	43.3	7	-	40	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 bee	, for each pilli	ar, element and indicator	. Counties in	the 1st decile are	the strongest pe	rformers and those in the 1	Oth decile are the weakest	<u> </u>					

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

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The state of the cool in													Italics: Indica	ator contain	s imputed values
	Source	Unit	Weight	2011	Value 10-yr trend	2021	US Counties Decile 2011 202		Source	Unit	Weight	2011	Value 10-yr trend	2021	US Counties Decile 2011 2021
Mass Killings and Injuries (1st)			15%	100.0		100.0	1	Violent Crime (6th)			50%	82.8	1/	64.1	3 6
Mass shooting deaths	GVA	deaths /1,000,000 population	1.5	0.0		0.0	1	1 Murder	NACJD	deaths /100,000 population	1.5	0.0	\mathbb{V}	7.0	1 (
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	19.9	_\\\\\\\	13.9	5 4
Terrorism deaths	GTD	deaths /1,000,000 population	1.0	0.0000		0.0000	1	1 Aggravated assaults	NACJD	assaults /100,000 population	1.0	39.8	~	27.8	2
Terrorism injuries	GTD	injuries /1,000,000 population	0.5	0.0000		0.0000	1	1 Robbery	NACJD	incidents /100,000 population	0.5	0.0	\mathcal{N}	7.0	1 4
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 Counties Decile 2011 202								
Property Crime (3rd)			35%	47.4	M ~	73.1	6	3							
Burglary	NACJD	incidents /100,000 population	1.5	563.6	N-	208.6	7	3							
Motor vehicle theft	NACJD	incidents /100,000 population	0.5	66.3	M	41.7	4	3							
Larceny theft	NACJD	incidents /100,000 population	1.0	968.0	_	514.6	4	3							
Identity theft	FTC	reports /100,000 population	0.5	168.3		168.3	5	3							

^{*} 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



														Italics: Indica	tor contain:	imputed value
	Source	Unit	Weight		Value 10-yr trend		US Cou Dec 2011			Source	Unit	Weight	2011	Value 10-yr trend		US Counties Decile 2011 202
Agency (4th)			30%	64.7		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	~~	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	2011	Value 10 vs trond	2021	US Cou Dec	ile		Source	Unit	Weight	2011	Value	2021	US Counties Decile
	Source	Unit		²⁰¹¹ 27.6	Value 10-yr trend	²⁰²¹ 47.6	US Cou Dec 2011	inties ile 2021	Social Tolerance (8th)	Source	Unit		2011 57.1	Value 10-yr trend	2021 59.9	Decile 2011 202
Absence of Legal Discrimination (4th)			25%	27.6		47.6	Dec 2011 5	ile 2021	Social Tolerance (8th)			30%	57.1		59.9	Decile 2011 2021 6
Discrimination (4th) Statewide religious freedom restoration act enacted	Source	Unit coding.					Dec 2011	ile 2021	Social Tolerance (8th) Hate group concentration	Source SPLC	Unit number /100,000 population	30%	į.			Decile 2011 2021
Discrimination (4th) Statewide religious freedom restoration act		coding,	25%	27.6		47.6	Dec 2011 5	ile 2021			number /100,000	30%	57.1		59.9	Decile 2011 2021 6 {
Discrimination (4th) Statewide religious freedom restoration act enacted Statewide employment anti-discrimination	Cato	coding. 0-1 coding.	25% 1.0	27.6 0.0		47.6 0.8	2011 5	ile 2021	Hate group concentration Ethnic slur google traffic	SPLC	number /100,000 population index,	30%	57.1 o.o		59.9	Decile 2011 2021 6 §
Discrimination (4th) Statewide religious freedom restoration act enacted statewide employment anti-discrimination law Statewide government discrimination based	Cato Cato	coding. 0-1 coding. 0-1 coding.	25% 1.0	27.6 0.0 1.0		47.6 0.8 1.0	5 4	1 1	Hate group concentration Ethnic slur google traffic	SPLC Google	number /100,000 population index, 0-100	1.0	57.1 0.0 37.2		59.9 0.0 37.2	Decile 2011 2021 6 8
Discrimination (4th) Statewide religious freedom restoration act enacted Statewide employment anti-discrimination law Statewide government discrimination based on sex prohibited Statewide affirmative action in public services	Cato Cato	coding. 0-1 coding. 0-1 coding. 0-1 coding.	25% 1.0 1.0	27.6 0.0 1.0		47.6 0.8 1.0	5 4 1	1 1	Hate group concentration Ethnic slur google traffic Statewide same sex marriage support Statewide LGBT non-discrimination law	SPLC Google PRRI	number /100,000 population index, 0-100 percentage	30% 1.0 1.0	57.1 0.0 37.2 40.0		59.9 0.0 <i>37.2</i> 48.0	Decile 2011 202 6 6 1 9 10 10 11
Discrimination (4th) Statewide religious freedom restoration act enacted statewide employment anti-discrimination law Statewide government discrimination based on sex prohibited Statewide affirmative action in public services banned Statewide LGBT relationships & parenthood	Cato Cato Cato	coding. 0-1 coding. 0-1 coding. 0-1 coding. 0-2 coding.	25% 1.0 1.0 1.0	27.6 0.0 1.0 0.0		47.6 0.8 1.0 0.0	5 4 1 4 2	1 1	Hate group concentration Ethnic slur google traffic Statewide same sex marriage support Statewide LGBT non-discrimination law support	SPLC Google PRRI	number /100,000 population index, 0-100 percentage	30% 1.0 1.0	57.1 0.0 37.2 40.0		59.9 0.0 <i>37.2</i> 48.0	Decile 2011 202 6 6 1 9 10 10 10 10 10 10 10 10 10 10 10 10 10
Discrimination (4th) Statewide religious freedom restoration act enacted Statewide employment anti-discrimination law Statewide government discrimination based on sex prohibited Statewide affirmative action in public services banned Statewide LGBT relationships & parenthood recognition	Cato Cato Cato MAP	coding. 0-1 coding. 0-1 coding. 0-1 coding. 0-2 coding. 0-2 coding. 0-9 coding.	25% 1.0 1.0 1.0 0.5	27.6 0.0 1.0 0.0 0.0		47.6 0.8 1.0 0.0 0.0	5 4 1 4 2 3	1 1 4 3 3	Hate group concentration Ethnic slur google traffic Statewide same sex marriage support Statewide LGBT non-discrimination law support	SPLC Google PRRI	number /100,000 population index, 0-100 percentage	30% 1.0 1.0	57.1 0.0 37.2 40.0		59.9 0.0 <i>37.2</i> 48.0	Decile 2011 202 6 6 1 9 10 10 11
Discrimination (4th) Statewide religious freedom restoration act enacted Statewide employment anti-discrimination law Statewide government discrimination based on sex prohibited Statewide affirmative action in public services banned Statewide LGBT relationships & parenthood recognition	Cato Cato Cato MAP	coding. 0-1 coding. 0-1 coding. 0-1 coding. 0-2 coding. 0-2 coding. 0-9 coding.	25% 1.0 1.0 1.0 0.5	27.6 0.0 1.0 0.0 0.0		47.6 0.8 1.0 0.0 0.0	5 4 1 4 2 3	1 1 4 3 3	Hate group concentration Ethnic slur google traffic Statewide same sex marriage support Statewide LGBT non-discrimination law support	SPLC Google PRRI	number /100,000 population index, 0-100 percentage	30% 1.0 1.0	57.1 0.0 37.2 40.0		59.9 0.0 <i>37.2</i> 48.0	Decile 2011 202 6 6 1 9 10 10 11
Discrimination (4th) Statewide religious freedom restoration act enacted Statewide employment anti-discrimination law Statewide government discrimination based on sex prohibited Statewide affirmative action in public services banned Statewide LGBT relationships & parenthood recognition	Cato Cato Cato MAP	coding. 0-1 coding. 0-1 coding. 0-1 coding. 0-2 coding. 0-2 coding. 0-9 coding.	25% 1.0 1.0 1.0 0.5	27.6 0.0 1.0 0.0 0.0		47.6 0.8 1.0 0.0 0.0	5 4 1 4 2 3	1 1 4 3 3	Hate group concentration Ethnic slur google traffic Statewide same sex marriage support Statewide LGBT non-discrimination law support	SPLC Google PRRI	number /100,000 population index, 0-100 percentage	30% 1.0 1.0	57.1 0.0 37.2 40.0		59.9 0.0 <i>37.2</i> 48.0	Decile 2011 202 6 6 1 9 10 10 11
Discrimination (4th) Statewide religious freedom restoration act enacted Statewide employment anti-discrimination law Statewide government discrimination based on sex prohibited Statewide affirmative action in public services banned Statewide LGBT relationships & parenthood recognition	Cato Cato Cato MAP	coding. 0-1 coding. 0-1 coding. 0-1 coding. 0-2 coding. 0-2 coding. 0-9 coding.	25% 1.0 1.0 1.0 0.5	27.6 0.0 1.0 0.0 0.0		47.6 0.8 1.0 0.0 0.0	5 4 1 4 2 3	1 1 4 3 3	Hate group concentration Ethnic slur google traffic Statewide same sex marriage support Statewide LGBT non-discrimination law support	SPLC Google PRRI	number /100,000 population index, 0-100 percentage	30% 1.0 1.0	57.1 0.0 37.2 40.0		59.9 0.0 <i>37.2</i> 48.0	Decile 2011 202 6 6 1 9 10 10 10 10 10 10 10 10 10 10 10 10 10
Discrimination (4th) Statewide religious freedom restoration act enacted Statewide employment anti-discrimination law Statewide government discrimination based on sex prohibited Statewide affirmative action in public services banned Statewide LGBT relationships & parenthood recognition	Cato Cato Cato MAP	coding. 0-1 coding. 0-1 coding. 0-1 coding. 0-2 coding. 0-2 coding. 0-9 coding.	25% 1.0 1.0 1.0 0.5	27.6 0.0 1.0 0.0 0.0		47.6 0.8 1.0 0.0 0.0	5 4 1 4 2 3	1 1 4 3 3	Hate group concentration Ethnic slur google traffic Statewide same sex marriage support Statewide LGBT non-discrimination law support	SPLC Google PRRI	number /100,000 population index, 0-100 percentage	30% 1.0 1.0	57.1 0.0 37.2 40.0		59.9 0.0 <i>37.2</i> 48.0	Decile 2011 202 6 6 1 9 10 10 11
Discrimination (4th) Statewide religious freedom restoration act enacted Statewide employment anti-discrimination law Statewide government discrimination based on sex prohibited Statewide affirmative action in public services banned Statewide LGBT relationships & parenthood recognition	Cato Cato Cato MAP	coding. 0-1 coding. 0-1 coding. 0-1 coding. 0-2 coding. 0-2 coding. 0-9 coding.	25% 1.0 1.0 1.0 0.5	27.6 0.0 1.0 0.0 0.0		47.6 0.8 1.0 0.0 0.0	5 4 1 4 2 3	1 1 4 3 3	Hate group concentration Ethnic slur google traffic Statewide same sex marriage support Statewide LGBT non-discrimination law support	SPLC Google PRRI	number /100,000 population index, 0-100 percentage	30% 1.0 1.0	57.1 0.0 37.2 40.0		59.9 0.0 <i>37.2</i> 48.0	Decile 2011 2021 6 {

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64.0

MIT				10-yr trend		Dec 2011	nties ile 2021		Source	Unit	Weight
MIT		30%	36.3		51.9	9		Rule of Law (2nd)			35%
IVIII	index score, 0-1	1.5	0.62	~	0.71	8	4	Statewide Justice Index	NCAI	index rank 1-51	1.5
CAWP	percentage	0.5	18.8	~	26.8	9	6	Statewide judicial integrity	ATRF	coding, 0-1	0.5
NIMP	index, 0-1	1.0	0.5		0.7	5	9				
NCSL	coding, 0-1	0.5	0.0		0.0	4	4				
Source	Unit	Weight	2011	Value 10-yr trend	2021						
		35%	46.4	_/_	50.4	8	5				
ICS	expert survey, 3-15	1.0	13.0		13.0	10	10				
ICS	expert survey, 3-15	1.0	9.5		11.0	9	10				
ICS	index score, 0-1	0.5	0.2584	1	0.0797	3	1				
	index rank, 1-50	1.0	19.0		9.0	3	1				
CPI	1-30										
CPI Cuillier	percentage	1.0	38.2		38.2	7	7				
	NCSL Source ICS	NCSL coding. O-1 NCSL coding. O-1 Source Unit CS expert survey, 3-15 ICS expert survey, index score,	Source Unit Weight 35% ICS expert survey. 3-15 ICS expert survey. 1-0 Index score.	Source Unit Weight 2011 35% 46.4 ICS expert survey, 3.15 1.0 9.5 1.0 9.5 1.0 1.0 9.5 1.0 1.0 9.5 1.0 1.0 9.5 1.0 1.0 9.5 1.0 1.0 9.5 1.0 1.0 9.5 1.0 1.0 9.5 1.0 1.0 9.5 1.0 1.0 9.5 1.0 1.0 9.5 1.0 1.0 9.5 1.0 1.0 9.5 1.0 1.0 9.5 1.0 1.0 9.5 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	Source Unit Weight 2011 Value 2011 10-vs trend 35% 46.4 ICS expert survey, 1.0 13.0 15.0 10.0 10.0 10.0 10.0 10.0 10.0 10	Source Unit Weight 2011 Value 2021 35% 46.4 50.4 ICS expert survey, 1.0 13.0 13.0 13.0 10.0 11.0 11.0 11.0	Source Unit Weight 2011 10 value 2021 2011 10 varied 2021 2011 2011 2011 2011 2011 2011 201	Source Unit Weight 2011 Value 2021 2021 2021 2021 35% 46.4 50.4 8 5 ICS expert survey. 1.0 13.0 13.0 10 10 10 10 10 10 10 10 10 10 10 10 10	NCSL coding, 0.1 0.5 0.0 0.0 4 4 4 Source Unit Weight 2011 10-yr rend 2021 2021 2021 2021 35% 46.4 50.4 8 5 ICS expert survey. 3.15 1.0 9.5 11.0 9 10	NCSL coding, 0.1 0.5 0.0 0.0 4 4 4 Source Unit Weight 2011 Value 2021 2021 2021 2021 2021 2021 2021 202	NIMP Index 0-1 1.0 0.5 0.7 5 9 NCSL coding. 0-1 0.5 0.0 0.0 4 4 4 Source Unit Weight 2011 10-y rend 2021 2021 2021 2021 2021 2021 2021 202

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



													Italics: Indica	ator contain:	
Source	Unit	Weight		Value 10-vr trond		Deci	ile		Source	Unit	Weight		Value		US Counties Decile 2011 2021
		25%	44.4	W	52.3	8		Social Networks (4th)			25%	48.8	^	50.2	4
CDC	instances, /1,000 population	1.0	4.6		3.4	9	8	Favors between neighbors		percentage		43.3		43.3	1
Census	percentage	1.0	25.6	W	34.0	5	8	Frequently talk with neighbors	О	percentage	1.0	57.0		57.0	5 -
CDC	instances /1,000 female 15-19 population	1.0	57.2		39.0	7	9	Trust in people in neighborhood		percentage	1.5	52.8			6
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
	percentage					9		Statewide trust in people	ANES	coding. 0-1	0.5	0.5		0.5	4
0	percentage	1.0	84.3		84.3	6	6								
	average		5.7		5.7	7	7								
Source	Unit	Weight		Value					Source	Unit	Weight		Value		US Counties Decile
		20%	²⁰¹¹ 65.2	10-yr trend	2021 65.2	2011	2021	Civic and Social Participation			30%	²⁰¹¹ 34.2	10-yr trend	33.8	2011 2021
	percentage	1.0	72.9		72.9	1	2	Statewide volunteer rate	Census	instances, /1,000	1.0	0.30	M	0.28	7
0	percentage	1.0	56.5		56.5	5	4	Statewide volunteering intensity	CNCS	hours, per capita	0.5	30.0	M	20.7	7 1
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
								Statewide active in neighborhood	Census	percentage	1.0	20.0	م أحمد	17.5	9 1
								Statewide helping the community	CNCS	instances, /1,000	0.5	2.41	W/	1.90	3
								Statewide helping the community (microdata)	Census	percentage	0.5	1.7	Γ	8.9	1
								(Non-religious) membership organizations	Census	number /1,000 population	1.0	0.327		0.346	6
								Religious membership organizations	USRC	number /1,000 population	0.5	2.9		2.9	3
								Religious organization participation	0	percentage	0.5	25.4		25.4	2
								Sport or recreation organization participation	0	percentage	0.5	12.9		12.9	2 .
	CDC Census CDC NSCH 0 0 Source	CDC //1,000 //	25% Instances, 71,000 1.0 porpulation 1.0	2011 25% 44.4 44.4 44.4 45% 44.4 46.5 44.4 46.5 46.5 44.4 46.5 46	25% 44.4 25% 44.4 25% 44.4 25% 44.4 25% 44.4 25% 25% 44.4 25%	25% 44.4 52.3 52.3 52.3	Source Unit Weight 2011 10 yr trend 2021 2011 2011 10 yr trend 2021 2011 2011 10 yr trend 2021 201	25% 44,4 52.3 8 9	25% 25% 24.4 2011 2021 20	Decision Core Decision Decision Decision Decision Core Decision Decision	Core	Comparison Chair Comparison Comparis	Cock Cock	2007 25% 44.4 4.4 50.7 52.3 8 9 50.01 Networks (4th) 50.00 25% 48.8 50.01 200	December Column Column

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 weakes



Union, KY: Business Environme	ent (7th d	decile*): Eler	nent an	d indica	ator scores	5							Italics: Indica	tor contain:	s imputed values
	Source	Unit	Weight		Value		US Counties Decile		Source	Unit	Weight		Value		US Counties Decile
Financing Ecosystems (7th)			40%	26.6	10-yr trend	28.3	6 7	Domestic Market Contestability (8th)			30%	48.6	10-yr trend	47.2	8 8
Venture capital invested	NVCA	\$ /capita	1.0	11.2	w	44.7	6 4	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	3.1	$\sqrt{}$	3.9	6 6	Statewide occupational licensing training cost	Inst Just	s	1.0	240.0 -		240.0	5
Assets under management	NVCA	\$/capita	1.0	29.2	1	4.9	6 7	Statewide occupational licensing training time	Inst Just	days	1.0	466.0		466.0	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		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	0.018	<i>/</i>	0.020	4 4								
Burden of Regulation (10th)	Source	Unit	Weight	2011 14.6	Value 10-yr trend	2021 18.4	US Counties	Labor Market Flexibility (5th)	Source	Unit	Weight	²⁰¹¹ 70.9	Value 10-yr trend	2021 67.6	US Counties Decile 2011 2021
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	Statewide employee health insurance cost	НЈК	s	0.5	4,042.0	_	4,910.0	2
					•			Workers Compensation Premium Rate	State OR	\$ per \$100	0.5	2.3	منتر	0.8	5
								Statewide minimum wage	DOL	s	1.0	7.3 -		7.3	3
	Source		Unit		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	~	5.45	5 4								

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														Italics: Indica	ntor contail	ns im
	Source	Unit	Weight		Value		US Cor Dec			Source	Unit	Weight		Value		2
Communications (6th)			40%	40.8	10-yr trend	40.8	2011	2021	Resources (5th)			25%	²⁰¹¹ 48.5	10-yr trend	57.7	
Mean download speed	BBN	Mbps	1.5	78.8		78.8	4	4	Customers affected by electricity outages	Mukherjee	number /10,000 population	0.5	0.11	N	0.00	
Ultra-fast internet access	BBN	percent	1.0	0.0		0.0	8	8	Statewide net electricity generation	EIA	kWh/capita	1.0	0.0207	1	0.0159	Ī
Fast Internet access	BBN	percent	1.0	82.1		82.1	6	6	Water usage	USGS	Mgal /capita	1.0	0.092		0.209	
nternet providers (Business)	FCC	number	0.5	0.0		0.0	6	6	Electricity outage duration	EIA	minutes	1.0	107.2		101.5	Ī
									Electricity outage frequency	EIA	per year	1.0	1.15		1.03	
	Source	Unit	Weight	2011	Value	2021	US Cor Dec	unties tile 2021		1	I	1	1			_
Transport (8th)			35%	46.0	10-yr trend	46.7	2011	8								
Statewide number of airports	BTS	number /square mile	0.5	0.0		0.0	6	6								
Road condition	BTS	percent	1.5	6.0		6.0	9	9								
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	0.3		0.3	8	8								
Bridge condition	BTS	percent	0.5	7.87		5.56	7	6								
Distance to airport	BTS	km	1.0	56.1		56.1	4	4								
									1							

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														Italics: Indic	ator contains	imputed values
	Source	Unit					US Countie Decile 2011 20					Weight				
Fiscal Sustainability (10th)			25%		~	34.7		10	Productivity and Competitiveness (7th)			25%	47.3	1	53.6	6 7
Statewide government credit rating	Ballotpedia	rating	0.5	5.0	\	3.0	9	10	Export value (goods)	BIEM	\$ /capita	1.0	9,704.8		9,834.3	1 2
Statewide state reserves capacity	0	days	1.0	3.5	M	12.6	9	10	Export value (services)	BIEM	\$ /capita	0.5	781.5	4	664.3	5 7
Government revenue to expenditure ratio	Census	ratio	1.0	1.02	$\overline{}$	1.03	5	5	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	8								
Statewide state pension funding	FR	percent	1.0	41.0	W.	32.6	10	10								
Debt-to-GDP ratio	Census	percent	1.0	0.03		0.05	2	2								
	Source	Unit	Weight		Value		US Countie Decile			Source	Unit	Weight		Value		US Counties Decile
Dynamism (9th)			20%	²⁰¹¹ 38.9	10-yr trend	43.8	9	9	Labor Force Engagement (6th)			30%	32.6	10-yr trend	50.7	7 6
Startup concentration	Kauffman	number /1,000 businesses	0.5	87.4	1	76.3	8	6	Unemployment	BLS	percent	1.0	9.7	~~	6.3	7 6
Startup early job creation	Kauffman	number /1,000 population	1.0	4.04	W	4.06	8	8	Youth unemployment	Census	percent	1.0	21.4	1	21.6	8 9
Startup early survival rate	Kauffman	percent	0.5	77.0	M	79.8	6	3	Employee Engagement	Gallup	percent	0.5	32.0	$\sqrt{}$	37.0	3 1
Opportunity-driven startups	Kauffman	percent	1.0	58.7	N	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	56.7	W	53.9	8 8
Patent applications	USPTO	number /1,000	1.0	65.5	\\	0.0	5	7								

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	!	ļ.	!				HS Counting	I	!	!	ļ.	!	Italics: Indica	tor contain.	s imputed values
	Source		Weight		Value 10-yr trend		US Counties Decile 2011 2021			Unit	Weight	2011	Value 10-yr trend		US Counties Decile 2011 2021
Material Resources (10th)			25%	40.6	~~	42.6	10 10	Nutrition (8th)			15%	38.0	W	49.4	7 8
Low income	Census	percentage	1.0	39.2	_/	30.5	10 8	Food security	FA	percentage	1.0	80.9	\mathcal{N}	83.7	8 8
Poverty	Census	percentage	1.0	26.1	$\neg \checkmark$	20.4	10 9	Statewide borderline food security	USDA	percentage	1.0	95.0	W	95.2	3 7
Deep poverty	Census	percentage	1.0	13.09	~	13.14	10 10	Fruit consumption	BRFSS	percentage		53.32	-	53.30	9 9
Liquid asset poverty	Pros Now	percentage	1.0	42.1		42.1	7 7	Vegetable consumption	BRFSS	percentage	0.5	73.7		80.7	9 3
Statewide high risk loans	Talk Pov	percentage	1.0	8.9		11.4	7 10								
	Source	Unit	Weight		Value		US Counties Decile		Source	Unit	Weight		Value		US Counties Decile
Water Services (7th)			15%	48.7	10-yr trend	48.8	7 7	Shelter (2nd)			15%	73.3	10-yr trend	72.8	1 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		6.6	3 5
Public drinking water violations	CHR	Score, 0 or 1	1.0	1.0	//\	1.0	5 7	Unsheltered homeless rate	HUD	percentage	0.5	15.3	1/1/2	29.3	3 4
Complete kitchen and plumbing facilities	HUD	percentage	1.0	99.76	7	99.46	1 2	Households with overcrowding	HUD	percentage	1.0	1.46	-\	1.16	4 3
					~			Availability of affordable housing	UI	units / 100 extremely low	1.0	38.6		38.6	1 2
										income tenants					
							US Counties								US Counties
	Source		Unit		Value 10-yr trend		Decile 2011 2021			Unit	Weight	2011	Value 10-yr trend		Decile 2011 2021
Connectedness (6th)			15%	63.9	/	74.6	5 6	Protection from Harm (10th)		number /	15%	37.1		32.3	10 10
Access to broadband	FCC	percentage	1.5	81.1		81.1	5 7	Fatalities from unintentional injuries	CDC	100,000 population number /	1.0	31.6	\ \	38.0	10 10
Households with a smartphone	Census	percentage	1.0	63.7	/	75.0	5 5	Traffic deaths	CDC	100,000 population	1.0	22.2	1/	18.8	6 6

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Preventative Interventions 15% 42.3 36.7 9 10 15% 38.4 52.7 7 5 (5th) 39.9 Obesity percentage 33.2 78.1 Smoking CHR 1.5 26.7 26.3 Adult doctor visits BRFSS percentage Alcohol use disorder 5.5 4.7 DUH Nat Srvy 2.87 4 Illicit drug use disorder 0.5 2.34 NSCH 0.5 88.1 77.1 3 percentage Statewide child medical visits percentage Pain reliever misuse Statewide HPV immunizations Pap smear test BRFSS 80.5 71.0 1.0 51.8 NCIRD Statewide child immunization 15% 28.9 55.0 7 Mental Health (10th) 15% 50.4 37.9 9 10 Statewide child mental health access Adults with no health care coverage CHR 0.5 22.8 8.1 6 CDC 18.4 4.79 5.42 Serious mental illness Statewide disability weighted prevalence from years / 100,000 population 62.0 62.0 2,298.6 2,205.5 Preventable hospitalizations for medicare enrolees CHR 1.0 14,641.9 5,251.0 7 7 Self-reported mental health not good 1.0 14.1 18.2 10 10 Longevity (8th) 53.0 Physical Health (10th) 20% 25.9 22.6 20% 40.4 10 9 Diabetes 1.0 10.6 12.4 CDC percentage 516.8 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 0.38 0.38 7 17.4 10 Self-reported poor physical health CHR percentage 1.0 Mortality risk 65-85 IMHE 61.9 60.0

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Union, KY: Education (7th decil	e). Elei	nem and mc	ilcator s	COLES									Italics: Indica	ator contain	s imputed values
	Source	Unit	Weight	2011	Value 10-yr trend	2021	US Counties Decile 2011 2021		Source	Unit	Weight	2011	Value 10-yr trend	2021	US Counties Decile 2011 2021
Pre-Primary Education (2nd)			5%	76.3	Toyl Hall	68.5		Primary Education (5th)			20%	65.6	M	59.2	3 5
Pre-primary enrollment	Census	percentage	2.0	60.1	1	55.8	2 2	Math grade 4 level	SEDA	grade level	2.0	4.03	M	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	4.59	M	3.86	2
								Primary enrollment	Census	percentage	1.0	95.2	~	98.9	7 2
	Source	Unit	Weight	2011	Value 10-yr trend	2021	US Counties Decile 2011 2021		Source	Unit	Weight	2011	Value 10-yr trend	2021	US Counties Decile 2011 2021
Secondary Education (7th)			25%	50.1	~/~	59.6	7 7	Tertiary Education (10th)			25%	27.5	~^^	28.8	10 10
Math grade 8 level	SEDA	grade level	1.5	7.40	-VM	6.81	8 9	College enrollment	Census	percentage	1.0	17.9	1	13.6	8 9
Statewide science grade 8 score	NAEP	scale score, 0-500	1.0	156.4		157.2	2 4	Statewide college graduation rate	NCES	percentage	1.0	46.6		52.3	8 6
English, language and arts grade 8 level	SEDA	grade level	1.5	8.15	-\\ <u>\</u>	7.41	3 8	Statewide university quality for enrolled students	QS Rank	Legatum Institute score	1.0	0.085		0.085	9 9
High school graduation rate	CHR	percentage	1.0	88.7	V	92.5	3 4	Community college graduation rate	NCES	percentage	1.0	35.3		35.3	7 7
Secondary enrollment	Census	percentage	1.0	85.6		98.4	10 4								
	Source	Unit	Unit	2011	Value 10-yr trend	2021	US Counties Decile 2011 2021								
Adult Skills (7th)			25%	35.1	~	43.3	7 7								
Adult population with at least a high school diploma	Census	percentage	1.0	82.5		90.0	6 4								
Adult population with bachelor's degree or higher	Census	percentage	1.0	12.4	M	11.1	8 10								

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Union, KY: Natural Environmen	nt (6th d	ecile*): Elem	nent and	d indica	tor scores	5	Union, KY: Natural Environment (6th decile*): Element and indicator scores										IJ
	Source	Unit	Weight		US Counties Value Decile					Source Unit Weigt			Italics: Indicator conta			US Cou	nties
Emissions (2rd)			25%	2011 E 4 O	10-yr trend	56.2	2011	2021	Exposure to Air Pollution (8th)			25%	53.3	10-yr trend	55.5		2021
Emissions (3rd)		index,		56.0			3	3						~		8	
CO2 emissions	EPA	0-1	2.0	0.81		0.79	3	2		JBEN	years	2.0	0.2		0.2	10	10
Nitrous oxide emissions	EPA	index, 0-1	0.5	0.64	-7	0.67	4	5	PM2.5 emissions	EPA	ton / square mile	1.0	2.93	$\neg \bot$	1.44	8	6
Carbon monoxide emissions	EPA	index, 0-1	0.5	0.68	7	0.69	3	5	Lead emissions	EPA	lb / square mile	1.0	0.156		0.144	7	7
Sulfur dioxide emissions	EPA	index, 0-1	0.5	0.902		0.932	4	4	Toxic air releases	EPA	lb / square mile	1.0	4.00	_	10.27	6	6
Ozone emissions	EPA	index, 0-1	0.5	0.64		0.63	3	5									
	Source	Unit	Weight		Value		US Cor Dec	unties		Source	Unit	Weight		Value		US Cour Decil	nties le
Forest, Land and Soil (8th)			20%	²⁰¹¹ 32.6	10-yr trend	2021 41.7	2011	2021	Freshwater (4th)			20%	²⁰¹¹ 79.8	10-yr trend	²⁰²¹ 78.5		2021
, ,														l			
Toxic land releases	EPA	lb / square mile	1.0	0.00	••••	0.00	1	1	Statewide good quality rivers and streams Statewide good quality lakes, resevoirs and	EPA	percentage	0.5	32.8		32.8	6	6
Statewide rural parks and wildlife areas	USDA	percentage	1.0	1.23	A-	1.19	8	9	ponds	EPA	percentage	0.5	59.9		59.9	2	2
Statewide compliant underground storage tanks facilities	EPA	percentage number /	1.0	49.0	1~	68.0	10	4	Total freshwater withdrawals per capita	USGS	million gallons / 1,000 population	1.0	0.33	\	0.55	5	6
Statewide exposure to pesticides	CDC	100,000 population	1.0	57.4	<u> </u>	41.8	9	9	Toxic water releases	EPA	lb / square mile	1.0	0.00		0.00	1	1
Tree canopy cover	NLCD	percentage	1.0	13.753		13.753	6	6									
Wetlands and deepwater habitats	USFWS	percentage	1.0	10.4		10.4	3	3									
	Source	Halt	Hair				US Cor										
	Source		Unit	2011	Value 10-yr trend	2021	2011										
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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