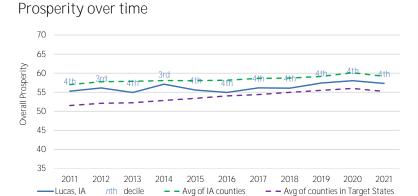
## Lucas, IA: Overall Prosperity 57.3 (4th decile\*)







Breakdown of performance	2011	Score 10-year trend	2021	Deciles - US Counties (1 to 10) 2021	10-year decile change	Ranks - IA (1 to 99) 2021
Overall Prosperity	55.3	<b>M</b>	57.3	4		90
Inclusive Societies	62.6	<b>~</b>	64.0	3		73
Safety and Security	64.7	<b>V</b>	68.5	5	<b>1</b>	66
Personal Freedom	61.1	/\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	61.3	4	<b>▼</b> 1	83
Governance	65.2		69.2	2	<b>1</b>	1
Social Capital	59.4	M	57.2	4	<b>▼</b> 1	76
Open Economies	45.2	~~~	48.4	7	<b>▼</b> 1	93
Business Environment	37.9	-1	37.1	10	<b>▼</b> 1	99
Infrastructure	54.7		50.1	5	<b>▼</b> 2	76
Economic Quality	42.9	/-/-	58.0	4	<b>A</b> 3	65
Empowered People	58.0	~~	59.4	4	<b>▼</b> 1	77
Living Conditions	63.5	~	70.3	3		75
Health	61.0	M	61.4	3		88
	54.8	W	54.0	5	<b>▼</b> 2	84
Natural Environment	52.6	1	51.8	7	<b>▼</b> 2	39

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

Lucas, IA (4th decile*): Pillar and ele	ement s	scores												
Safety and Security	64.7	Overall Prosperity 10-yr trend	2021 68.5	2021 5	Counties Decile 10-yr decile o	- 1	IA Rank 2021 66	Personal Freedom	2011 61.1	Overall Prosperity 10-yr trend	<sup>2021</sup> 61.3	US Co 2021 4	ounties Decile 10-yr decile chng.	IA Rank 2021 83
Mass Killings and Injuries 15%	100.0		100.0	1	-	-	1	Agency 30%	79.5	-	77.3	2		1
Violent Crime 50%	73.8	V-	79.5	3	<b>A</b> .	1	33	Freedom of Association and Speech 15%	53.6		47.3	1		1
Property Crime 35%	36.6	-\\	39.2	8		-	87	Absence of Legal Discrimination 25%	44.4		48.1	3		1
		·						Social Tolerance 30%	60.1	\\~	63.2	7	<b>▼</b> 2	83
Governance	65.2	Overall Prosperity 10-yr trend	69.2	2021 2	10-yr decile o	chng.	IA Rank 2021	Social Capital	2011 59.4	Overall Prosperity 10-yr trend	<sup>2021</sup> 57.2	US Co 2021 4	ounties Decile 10-yr decile chng.	IA Rank 2021 76
Political Accountability 30%	43.8		69.7	4	<b>A</b> :	3	1	Personal and Family Relationships 25%	72.8	M	70.9	4	▼ 3	77
Rule of Law 35%	65.5		58.0	4	_	-	1	Social Networks 25%	64.6		63.4	1	<b>-</b> .	6
Government Integrity 35%	83.3	$\sqrt{}$	80.1	1	-	-	1	Institutional Trust 20%	57.5		57.5	7	<b>-</b> .	13
								Clvic and Social Participation 30%	45.3	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	40.6	4	<u> </u>	62
Business Environment	2011 37.9	Overall Prosperity 10-yr trend	2021 37.1	2021 10	Counties Decile 10-yr decile o	chng.	IA Rank 2021 99	Infrastructure	2011 54.7	Overall Prosperity 10-yr trend	2021 50.1	US Co 2021	ounties Decile 10-yr decile chng.	IA Rank 2021 76
Financing Ecosystems 40%	15.8	~	10.9	10	<b>→</b>		99	Communications 40%	56.9		56.9	3		39
Domestic Market Contestability 30%	52.0		53.6	3		2	1	Resources 25%	65.3	~~	47.6	8	▼ 6	96
Burden of Regulation 10%	44.3	W\_	35.1	9		6	1	Transport 35%	44.6		44.2	8	= .	98
Labor Market Flexibility 10%	68.7	~	67.5	6	<u> </u>	1	1			1				
Price Distortions 10%	47.0	~~~	63.6	8	<u> </u>	1	1							
- dec		Overall Prosperity		USC	Counties Decile	2	IA Rank							
Economic Quality	42.9	10-yr trend	58.0	4	10-yr decile o	3	65							
Fiscal Sustainability 25%	48.5	~~\\	68.2	2	<b>A</b> ;	3	20							
Productivity and Competitiveness 25%	41.5	~~~	50.9	8	<b>—</b>		89							
Dynamism 20%	43.2	Yw.	48.1	8	-	-	64							
Labor Force Engagement 30%	39.2		62.0	3	<b>▲</b> :	3	62							
Living Conditions	63.5	Overall Prosperity 10-yr trend	70.3	2021	Counties Decile 10-yr decile c	chng.	IA Rank 2021 75	Health	61.0	Overall Prosperity 10-yr trend	<sup>2021</sup> 61.4	2021 3	ounties Decile  10-yr decile chng.	IA Rank 2021 88
Material Resources 25%	62.1		69.6	4	<b>A</b> .	1	69	Behavioral Risk Factors 15%	60.2	-	47.8	8	▼ 3	82
Nutrition 15%	50.6		68.4	3	<b>A</b> :	2	77	Preventative Interventions 15%	52.4	~~V	63.1	1	<b>^</b> 1	18
Water Services 15%	80.5	1	71.5	6	▼ :	2	82	Care Systems 15%	54.1	~	76.1	1	<b>A</b> 1	48
Shelter 15%	63.2	-	69.8	3	<b>A</b> .	1	25	Mental Health 15%	65.1	~~~	58.2	5	<b>^</b> 1	90
Connectedness 15%	58.8		66.0	8	▼ :	2	87	Physical Health 20%	70.2	m	58.6	4	▼ 1	89
Protection from Harm 15%	66.6	~/	77.1	2	<b>A</b> ;	2	3	Longevity 20%	61.2	~~\\	64.6	5	<del>-</del> .	73
Education	2011 54.8	Overall Prosperity 10-yr trend	<sup>2021</sup> 54.0	2021 5	Counties Decile 10-yr decile c	chng.	IA Rank 2021 84	Natural Environment	<sup>2011</sup> 52.6	Overall Prosperity 10-yr trend	2021 51.8	US Co 2021 <b>7</b>	ounties Decile 10-yr decile chng.	IA Rank 2021 39
Pre-Primary Education 5%	56.0	~//	57.2	4		_	52	Emissions 25%	52.6		47.5	6	<b>▼</b> 2	72
Primary Education 20%	68.3	$\neg \lor$	62.7	4		2	60	Exposure to Air Pollution 25%	70.6		69.1	5	<b>▼</b> 1	34
Secondary Education 25%	69.2	1	57.3	8		6	94	Forest, Land and Soil 20%	35.9	~~~	40.3	8		5
Tertiary Education 25%	44.6	~ ^	45.7	3		-	55	Freshwater 20%	71.5	1	71.5	5		5
Adult Skills 25%	39.4		51.4	5		1	71	Preservation Efforts 10%	3.5		3.5	9		1
* The 1,196 counties in the 12 states have been grouped into decile	, ror each pi	, element and indicato	counties in	*** TPT GECILE	ure ure stronge:	ar hertoru	and those in the 1	AN OCCUP DIE LIE WEGNEST						

<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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														Italics: Indica	ator contain		
	Source	Unit	Weight	2011	Value 10-yr trend		US Cor Dec 2011	tile		Source	Unit	Weight	2011	Value 10-yr trend	2021	US Coo Dec 2011	tile
Mass Killings and Injuries (1st)			15%	100.0		100.0	1		Violent Crime (3rd)			50%	73.8	1	79.5	4	
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	7	0.0	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	11.4	W	0.0	4	
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	250.6	V/_	186.0	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	11.4		11.6	5	
Terrorism events	GTD	events /1,000,000 population	0.5	0.0		0.0	1	1									
	Source	Unit	Weight	2011	Value 10-vr trend	2021	US Cor Dec 2011										
Property Crime (8th)			35%	36.6	<b>√</b>	39.2	8	8									
Burglary	NACJD	incidents /100,000 population	1.5	831.6	1	709.3	9	9									
Motor vehicle theft	NACJD	incidents /100,000 population	0.5	125.3	-1/-	139.5	7	8									
Larceny theft	NACJD	incidents /100,000 population	1.0	1,332.9		1,337.2	6	7									
Identity theft	FTC	reports /100,000 population	0.5	131.2		131.2	3	1									
	1	1	1	1			1		1								

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														Italics: Indica	tor contain.	s imputed values
	Source	Unit	Weight		Value 10-yr trend		US Coun Decile 2011			Source	Unit	Weight	2011	Value 10-yr trend	2021	US Counties Decile 2011 2021
Agency (2nd)			30%	79.5	~	77.3	2	2	Freedom of Association and Speech (1st)			15%	53.6	io-yr delid	47.3	1 1
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 2
Statewide death row population	NAACP	number /100,000 population	1.0	0.00		0.00	1	1	Statewide right-to-work	NCSL	coding. 0-1	0.5	1.0		1.0	1 1
Statewide adult incarceration	BJS	number /100,000 adult population	1.0	530.0	7	580.0	1	2	Statewide press suppression	USPFT	number /100,000 state population	0.5	0.064		0.127	8 6
Statewide youth incarceration	CJRP	prisoners /100,000 youth population	0.5	110.0		67.8	7	8	Statewide invasive cell phone surveillance	ACLU	coding, 0-1	0.5	0.0		0.0	1 1
Statewide trafficking	POL	reports /100,000 population	1.0	2.7		3.1	3	4								
	Source	Unit	Weight	2011	Value 10-yr trend	2021	US Coun Decile 2011			Source	Unit	Weight	2011	Value 10-vr trend	2021	US Counties Decile 2011 2021
Absence of Legal Discrimination (3rd)			25%	44.4		48.1	3	3	Social Tolerance (7th)			30%	60.1	Iw	63.2	5 7
Statewide religious freedom restoration act enacted	Cato	coding, 0-1	1.0	0.0		0.0	4	5	Hate group concentration	SPLC	number /100,000 population	1.0	45.0	//-	23.3	8 7
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	22.8		22.8	3 3
Statewide government discrimination based on sex prohibited	Cato	coding, 0-1	1.0	0.5		0.5	2	2	Statewide same sex marriage support	PRRI	percentage	0.5	57.0	/	62.0	3 7
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	71.0		69.0	3 6
Statewide LGBT relationships & parenthood recognition	MAP	coding, 0-9	0.5	1.0		3.5	8	4								
Statewide LGBT non-discrimination laws	MAP	coding, 0-11	0.5	9.0		9.0	1	1								
	1	1	1				1					1	1			i .

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4

58.0

29.0

0.0

35%

1.5

index rank 1-51

NCAI

65.5

24.0

	Source	Unit	Weight		Value		US Co Der		
				2011	10-yr trend	2021	2011	2021	
Political Accountability (4th)			30%	43.8	ر مرب	69.7	7	4	Rule of Law (4th)
tatewide Elections Performance Index	MIT	index score, 0-1	1.5	0.73		0.86	3	2	Statewide Justice Index
tatewide gender balance in legislatures	CAWP	percentage	0.5	21.3		28.7	5	5	Statewide judicial integrity
tatewide state campaign disclosure	NIMP	index, 0-1	1.0	0.4		8.0	7	5	
tatewide term limits	NCSL	coding, 0-1	0.5	0.0		0.0	4	4	
	Source	Unit	Weight		Value		US Co Der	tile	
Government Integrity (1st)			35%	2011 83.3	10-yr trend	2021 80.1	2011	2021	
	ICS	expert survey,	1.0	5.0		7.5	1	2	
tatewide legal corruption perceptions		3-15 expert survey,			<b>—</b>			2	
tatewide illegal corruption perceptions	ICS	3-15 index score,	1.0	5.0		3.0	1	1	
tatewide Corruption Reflection Index	ICS	0-1	0.5	0.0610	Λ	0.1510	1	2	
tatewide State Integrity Investigation	CPI	index rank, 1-50	1.0	7.0	\	11.0	2	3	
tatewide public record request compliance	Cuillier	percentage	1.0	53.8		53.8	1	1	
tatewide Online Spending Transparency	USPIRG	index score, 0-100	0.5	90.0		91.0	3	1	
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25% 1.0 1.0 1.5	2011	6	63.4	US Counties
1.0	64. 37.0	6	63.4	1
1.0	64.		<del>-</del> 37.6	3
1.5		1		
	63.4		64.1	2
1.0		4	63.4	3
	64.0	0	62.5	1
0.5	0.6		- 0.6	1
				US Counties
	2011	10-yr trend		Decile 2011 2021
30%	<b>6</b> 45.	3	40.6	4 4
1.0	0.4	4 \	0.36	1
0.5	38.8	8 <b>V</b>	34.0	3
0.5	41.8	3 V	56.8	4
1.0	24.0	· M	22.6	2
0.5	1.77	, //	1.83	10
0.5	3.1		5.1	1
0 1.0	0.33	37	0.348	6
0 0.5	2.9		_ 2.9	3
0.5	21.	1	21.1	5
0.5	10.8	8	- 10.8	6
0.5	12.3	3 —	<b>-</b> 12.3	8
	30% 1.0 0.5 0.5 1.0 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0	30% 45.  10 0.4  05 38.  05 41.3  10 24.1  05 3.1  05 3.1  05 3.1  000 10 0.33  000 05 2.5  02 21.  03 10.1	30% 45.3 10-yr trand 10 0.44 45.3  10 0.44 18 10 24.0  05 38.8  05 1.77  05 3.1  000 10 0.337  000 2.9  05 2.9  05 10.8	30% 45.3 40.4 40.6  10 0.44 0.36  0.5 38.8 34.0  0.5 41.8 56.8  10 24.0 22.6  0.5 1.77 1.83  0.5 3.1 5.1  0.00 1.0 0.337 0.348  000 0.5 2.9 2.9  0.5 2.11 21.1  0.5 0.8

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

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Lucas, IA: Business Environmer	nt (10th d	decile*): Eler	nent an	d indic	ator scores	5							Italies: Indica	ator contain	s imputed values
	Source	Unit	Weight		Value		US Counties Decile		Source	Unit	Weight		Value		US Counties Decile
Financing Ecosystems (10th)			40%	<sup>2011</sup> 15.8	10-yr trend	10.9	9 10	Domestic Market Contestability (3rd)			30%	<sup>2011</sup> 52.0	10-yr trend	53.6	5 3
Venture capital invested	NVCA	\$/capita	1.0	3.8	$\sim$	0.0	7 9	Statewide low-income licensed occupations	Inst Just	number	1.5	71.0		71.0	9 9
Number of venture capital deals	NVCA	number /1,000,000	1.0	1.0	1	0.0	8 9	Statewide occupational licensing training cost	Inst Just	s	1.0	178.0		178.0	1 1
Assets under management	NVCA	\$/capita	1.0	1.3	1	0.0	8 8	Statewide occupational licensing training time	Inst Just	days	1.0	288.0		288.0	2 2
Venture capital fundraising	NVCA	\$/capita	1.0	0.0	Λ	0.0	6 6	Statewide age requirements for license	Inst Just	years	1.0	5.0		5.0	1 1
New foreign direct investment	BEA	\$/capita	1.0	46.1		239.3	10 5	Statewide regulation density index	Cato	index score	1.0	-0.004	\\\	0.002	5 3
Bank branch access	FDIC	number /square mile	1.5	0.007		0.007	8 8								
	Source	Unit	Weight	2011	Value	2021	US Counties Decile 2011 2021		Source	Unit	Weight	2011	Value	2021	US Counties Decile
Burden of Regulation (9th)			10%	44.3	10-yr trend	35.1	3 9	Labor Market Flexibility (6th)			10%	68.7	10-yr trend	67.5	7 6
Statewide Federal Regulation and State Enterprise Index	QuantGov	index score	1.0	1.07	W	1.15	5 5	Statewide collective bargaining agreement coverage	FI	percent	1.0	13.0	_	8.8	7 6
Statewide state regulation	QuantGov	percent	1.0	1.581		1.636	6 6	-	HJK	s	0.5	4,010.0		5,115.0	1 3
					•			Workers Compensation Premium Rate	State OR	\$ per \$100	0.5	1.8	_ [	1.1	2 6
								Statewide minimum wage	DOL	s	1.0	7.3		7.3	3 2
							US Counties								
	Source		Unit	2011	Value 10-yr trend	2021	Decile 2011 2021								
Price Distortions (8th)			10%	47.0	~	63.6	9 8								
Statewide subsidies to the private sector	BEA	percent	1.0	0.15	~	0.09	4 3								
Statewide Corporate Tax Score	Tax Found	index score	1.0	3.79	~~/	4.03	10 8								

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														Italics:
	Source	Unit	Weight	2011			US Cor Dec 2011			Source				
Communications (3rd)			40%	56.9		56.9	3		Resources (8th)			25%	65.3	~
Mean download speed	BBN	Mbps	1.5	58.7		58.7	5	5	Customers affected by electricity outages	Mukherjee	number /10,000 population	0.5	0.01	
Ultra-fast internet access	BBN	percent	1.0	59.3		59.3	2	2	Statewide net electricity generation	EIA	kWh/capita	1.0	0.0169	<u>/</u>
Fast internet access	BBN	percent	1.0	96.6		96.6	4	4	Water usage	USGS	Mgal /capita	1.0	0.046	/
Internet providers (Business)	FCC	number	0.5	0.0		0.0	6	6	Electricity outage duration	EIA	minutes	1.0	59.7	~
									Electricity outage frequency	EIA	per year	1.0	0.66	
	Source	Unit	Weight		Value		US Cor	unties				<u> </u>	<u> </u>	
Transport (8th)			35%	2011 44.6	10-vr trend	2021 44.2	2011 8	2021						
Statewide number of airports	BTS	number /square mile	0.5	0.0		0.0	7	7						
Road condition	BTS	percent	1.5	6.9		6.9	9	9						
Statewide railroad length	AAR	miles /square mile	1.0	0.1		0.1	2	2						
Bus transit route mileage	BTS	miles /square mile	0.5	0.6		0.6	1	1						
Public road density	BTS	miles /square mile	1.0	0.4		0.4	5	5						
Bridge condition	BTS	percent	0.5	26.53		30.61	10	10						
Distance to airport	BTS	km	1.0	62.7		62.7	5	5						



		ı											Italics: Indic	ator contain:	s imputed values
	Source						US Counties Decile 2011 2021		Source		Weight				
Fiscal Sustainability (2nd)			25%	48.5	Ä,	68.2	5 :	Productivity and Competitiveness (8th)			25%	41.5	~~~	50.9	7 8
Statewide government credit rating	Ballotpedia	rating	0.5	8.0		8.0	1	1 Export value (goods)	BIEM	\$ /capita	1.0	4,060.3	\w_	4,807.0	4 5
Statewide state reserves capacity	0	days	1.0	48.9	$\wedge$	59.7	4	Export value (services)	BIEM	\$ /capita	0.5	654.4	~/~	707.7	7 7
Government revenue to expenditure ratio	Census	ratio	1.0	0.96		1.56	8	1 Labor productivity	BLS	\$ per hour	1.5	51.5	~~~	56.3	7 8
Statewide state budget balance	0	\$/capita	1.0	-88.7		394.4	1	3							
Statewide state pension funding	FR	percent	1.0	60.3	W	56.3	1	2							
Debt-to-GDP ratio	Census	percent	1.0	9.00	$\overline{}$	28.56	7	9							
	Source	Unit	Weight		Value		US Counties Decile		Source	Unit	Weight		Value		US Counties Decile
Dynamism (8th)			20%	<sup>2011</sup> 43.2	10-yr trend	48.1	8 8	Labor Force Engagement (3rd)			30%	39.2	10-yr trend	62.0	6 3
Startup concentration	Kauffman	number /1,000 businesses	0.5	82.6	1	54.7	10 1	Unemployment	BLS	percent	1.0	6.1	/	3.6	3 1
Startup early job creation	Kauffman	number /1,000 population	1.0	3.69	My	3.58	10 1	Youth unemployment	Census	percent	1.0	25.9	~^	10.5	9 5
Startup early survival rate	Kauffman	percent	0.5	78.1	Im	81.4	2	1 Employee Engagement	Gallup	percent	0.5	29.0		33.0	5 8
Opportunity-driven startups	Kauffman	percent	1.0	98.4	W	110.7	2	Statewide underemployment	BLS	percent	1.0	4.6	1	3.4	2 2
Rate of new entrepreneurs	Kauffman	number /100,000 population	1.5	285.4	~	378.7	8	Labor force participation	Census	percent	1.5	61.6		61.9	6 4
Patent applications	USPTO	number /1,000	1.0	0.0		0.0	7	7							
1															

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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	Source		Weight		Value 10-yr trend		US Counties Decile 2011 2021		Source				Value 10-yr trend_		US Counties Decile 2011 20
Material Resources (4th)			25%	62.1		69.6	5 4	Nutrition (3rd)			15%	50.6	~	68.4	5
Low income	Census	percentage	1.0	26.8	_/\	22.0	6 4	Food security	FA	percentage	1.0	86.5		89.9	3
Poverty	Census	percentage	1.0	17.6		11.8	7 4	Statewide borderline food security	USDA	percentage	1.0	95.0	~~/	96.4	3
Deep poverty	Census	percentage	1.0	8.56	$\mathcal{L}$	5.10	8 4	Fruit consumption	BRFSS	percentage		60.24	_/\	60.28	4
Liquid asset poverty	Pros Now	percentage	1.0	37.0	0.000	37.0	5 5	Vegetable consumption	BRFSS	percentage	0.5	72.1		77.2	10
Statewide high risk loans	Talk Pov	percentage	1.0	5.7	\/	6.2	2 2								
					₩										
							LIS Counting								NS Grantin
	Source		Weight		Value 10-yr trend		US Counties Decile 2011 2021		Source				Value 10-yr trend		US Counties Decile 2011 20
Water Services (6th)			15%	80.5		71.5	4 6	Shelter (3rd)			15%	63.2	- hu	69.8	4
Statewide clean and safe water	0	percentage	0.5	96.5	/\	96.7	1 1	Homelessness	HUD	number / 10,000 population	0.5	8.1	~	5.6	2
Public drinking water violations	CHR	Score, 0 or 1	1.0	0.0		0.0	1 1	Unsheltered homeless rate	HUD	percentage	0.5	3.6		6.5	1
Complete kitchen and plumbing facilities	HUD	percentage	1.0	97.93	M	96.76	10 10	Households with overcrowding	HUD	percentage	1.0	1.63	-	0.11	5
								Availability of affordable housing	UI	units / 100 extremely low income tenants	1.0	10.0		13.0	7
	Source	Unit	Unit	2011	Value 10-yr trend	2021	US Counties Decile 2011 2021		Source	Unit	Weight	2011	Value 10-yr trend	2021	US Counties Decile 2011 20
Connectedness (8th)	Source	Unit	Unit 15%	<sup>2011</sup> 58.8	Value 10-yr trend	2021 66.0	Decile 2011 2021	Protection from Harm (2nd)	Source	Unit	Weight	<sup>2011</sup> 66.6	Value 10-yr trend	<sup>2021</sup> 77.1	Decile
	Source	Unit percentage					Decile 2011 2021		Source CDC	Unit number / 100,000					Decile 2011 20
Connectedness (8th)  Access to broadband  Households with a smartphone			15%	58.8		66.0	Decile 2011 2021 6 8	Fatalities from unintentional injuries		number / 100,000 population number / 100,000	15%	66.6		77.1	Decile 2011 20.
Access to broadband	FCC	percentage	15%	58.8 79.0		73.8	Decile 2011 2021 6 8	Fatalities from unintentional injuries	CDC	number / 100,000 population number /	15%	66.6 19.4		77.1 13.7	Decile 2011 20.
Access to broadband	FCC	percentage	15%	58.8 79.0		73.8	Decile 2011 2021 6 8	Fatalities from unintentional injuries	CDC	number / 100,000 population number / 100,000	15%	66.6 19.4		77.1 13.7	Decile 2011 20.
Access to broadband	FCC	percentage	15%	58.8 79.0		73.8	Decile 2011 2021 6 8	Fatalities from unintentional injuries	CDC	number / 100,000 population number / 100,000	15%	66.6 19.4		77.1 13.7	Decile 2011 20.
Access to broadband	FCC	percentage	15%	58.8 79.0		73.8	Decile 2011 2021 6 8	Fatalities from unintentional injuries	CDC	number / 100,000 population number / 100,000	15%	66.6 19.4		77.1 13.7	Decile 2011 20.
Access to broadband	FCC	percentage	15%	58.8 79.0		73.8	Decile 2011 2021 6 8	Fatalities from unintentional injuries	CDC	number / 100,000 population number / 100,000	15%	66.6 19.4		77.1 13.7	Decile 2011 20.
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Access to broadband	FCC	percentage	15%	58.8 79.0		73.8	Decile 2011 2021 6 8	Fatalities from unintentional injuries	CDC	number / 100,000 population number / 100,000	15%	66.6 19.4		77.1 13.7	Decile 2011 20.



	! !	ı	!				US Counties	I	!	!	!	!	Italics: Indica	itor contain.	imputed values US Counties
	Source				Value 10-yr trend		Decile 2011 2021		Source	Unit	Weight	2011	Value 10-yr trend		Decile 2011 2021
Behavioral Risk Factors (8th)			15%	60.2	~~	47.8	5 8	Preventative Interventions (1st)			15%	52.4	M	63.1	2 1
Obesity	CDC	percentage	1.0	30.6	M	36.7	8 8	Adult dentist visits	BRFSS	percentage		70.1		69.1	2 2
Smoking	CHR	percentage	1.5	17.4	_/\	21.2	4 7	Adult doctor visits	BRFSS	percentage	0.5	68.0	_/	76.8	5 3
Alcohol use disorder	DUH Nat Srvy	percentage	0.5	6.6		6.0	6 8	Colorectal cancer screening	BRFSS	percentage		66.1		70.9	5 2
Illicit drug use disorder	DUH Nat Srvy	percentage	0.5	2.19		2.55	2 4	Statewide child medical visits	NSCH	percentage	0.5	87.8	7	74.9	4 3
Pain reliever misuse	DUH Nat Srvy	percentage	0.5	4.4		4.4	8 8	Statewide HPV immunizations	NCIRD	percentage	1.0	45.5		60.9	4 1
								Pap smear test	BRFSS	percentage	0.5	84.4		79.3	3 3
								Statewide child immunization	NCIRD	percentage	1.0	57.7	<b></b>	72.8	4 2
								Statewide child dentist visits	NSCH	percentage	0.5	84.0	\	85.8	2 1
	Source	Unit	Weight		Value		US Counties Decile		Source	Unit	Weight		Value		US Counties Decile
Care Systems (1st)			15%	<sup>2011</sup> 54.1	10-yr trend	76.1	2011 2021	Mental Health (5th)			15%	65.1	10-yr trend	58.2	6 5
Statewide child mental health access	NSCH	percentage	1.0	44.9	ľ	34.2	5 2	Suicide		deaths / 100,000 population		11.5	M	15.7	2 2
Adults with no health care coverage	CHR	percentage	0.5	11.2	-	6.1	1 2	Drug overdose deaths	CDC	deaths / 100,000 population	0.5	6.6	my	15.0	2 7
Avoided medical care due to cost	BRFSS	percentage	1.0	10.9	/~	8.3	1 1	Serious mental illness	DUH Nat Srvy	percentage	1.0	5.23	Ä	5.14	10 8
Hospital rating	HCA	percentage	0.5	79.0		83.0	3 2	Statewide disability weighted prevalence from mental illness	IMHE	years / 100,000 population	1.0	2,166.6		2,086.8	3 1
Preventable hospitalizations for medicare enrolees	CHR	discharges / 100,000	1.0	6,681.5	.~	3,689.0	4 3		CHR	percentage	1.0	9.4	-	12.5	4 3
					¥								•		
							US Counties								US Counties
	Source		Unit		Value 10-yr trend		Decile 2011 2021			Unit	Weight		Value 10-yr trend		Decile 2011 2021
Physical Health (4th)			20%	70.2	^	58.6	3 4	Longevity (5th)		deaths / 100,000	20%	61.2	/ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	64.6	5 5
High blood pressure	BRFSS	percentage		28.4	77	29.0	4 4	Under 5 mortality	CDC	under 5 population	1.0	111.7	7/1/	112.9	1 3
Diabetes	CDC	percentage	1.0	6.6	7 ~	11.8	2 8	5-14 mortality	CDC	deaths / 100,000 5-14 population	0.5	13.0	Why	16.2	3 8
Heart attack	BRFSS	percentage		3.64	T,	3.45	3 3	15-64 mortality	CDC	deaths / 100,000 15-64 population	2.0	380.9	1 1	348.9	8 6
Statewide disability weighted prevalence of infectious diseases	IMHE	years / 100,000 population	0.5	329.3		356.6	1 1	Maternal mortality	IMHE	deaths / 100,000 population	0.5	0.32	<u></u>	0.29	5 4
Self-reported poor physical health	CHR	percentage	1.0	9.6		10.8	3 3	Mortality risk 65-85	IMHE	percentage	1.0	52.5		49.2	4 4

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													Italics: Indica	ator contain	s imputed val
	Source	Unit	Weight		Value 10-yr trend		US Counties Decile 2011 2021		Source		Weight		Value 10-yr trend		US Counti Decile 2011 2
re-Primary Education (4th)			5%	56.0	ΑΛ	57.2		Primary Education (4th)			20%	68.3	-√_	62.7	2
re-primary enrollment	Census	percentage	2.0	47.2	1	45.1	4 5	Math grade 4 level	SEDA	grade level	2.0	4.37	1	4.21	3
tatewide state pre-K quality	NIEER	index score, 0-10	1.0	6.9		7.9	5 4	Statewide science grade 4 score	NAEP	scale score, 0-300	1.5	157.3		158.9	3
								English, language and arts grade 4 level	SEDA	grade level	2.0	4.35	-\_	3.48	3
								Primary enrollment	Census	percentage	1.0	98.3	-W	98.0	2
	Source	Unit	Weight		Value		US Counties Decile		Source	Unit	Weight		Value		US Counti Decile
Secondary Education (8th)			25%	2011 69.2	10-yr trend	<sup>2021</sup> 57.3	2011 2021	Tertiary Education (3rd)			25%	<sup>2011</sup>	10-yr trend	<sup>2021</sup> 45.7	3
Math grade 8 level	SEDA	grade level	1.5	8.92	"\\ <sub>\</sub>	6.85	2 9	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Census	percentage	1.0	7.5		23.8	10
Statewide science grade 8 score	NAEP	scale score, 0-500	1.0	156.0		158.9	3 3	Statewide college graduation rate	NCES	percentage	1.0	63.3	^	68.9	1
inglish, language and arts grade 8 level	SEDA	grade level	1.5	7.96	7~	8.09	4 5	Statewide university quality for enrolled students	QS Rank	Legatum Institute score	1.0	0.422	****	0.211	1
High school graduation rate	CHR	percentage	1.0	96.1	VΛ	97.5	1 1	Community college graduation rate	NCES	percentage	1.0	42.5	beresen)	42.5	2
Secondary enrollment	Census	percentage	1.0	95.9	-1	91.9	6 9								
					•										
							US Counties Decile								
	Source	Unit	Unit	2011	Value 10-yr trend	2021	2011 2021								
Adult Skills (5th)			25%	39.4		51.4	6 5								
dult population with at least a high school liploma	Census	percentage	1.0	87.4		92.1	4 3								
dult population with bachelor's degree or igher	Census	percentage	1.0	10.5	$\sim$	17.0	9 7								
	1		4												

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Lucas, IA: Natural Environmen	t (7th de	cile*): Eleme	ent and i	indicato	or scores											K	9
	Source	Unit	Weight		Value		US Count Decile			Source	Unit	Weight		Italics: Indica	itor contain.	US Cour Decil	nties
Emissions (6th)			25%	<sup>2011</sup> 52.6	10-yr trend	<sup>2021</sup> 47.5	2011 2	6	Exposure to Air Pollution (5th)			25%	<sup>2011</sup> 70.6	10-yr trend	69.1	2011	2021
CO2 emissions	EPA	index,	2.0	0.81		0.65	3		Life expectancy loss from air pollution	JBEN	years	2.0	0.1		0.1	7	7
Nitrous oxide emissions	EPA	0-1 index,	0.5	0.52	7/	0.52	7		PM2.5 emissions	EPA	ton / square mile	1.0	0.92	~~~	1.43	3	6
Carbon monoxide emissions	EPA	0-1 index,	0.5	0.64		0.55	4		Lead emissions	EPA	lb / square mile	1.0	0.075		0.044	6	4
Sulfur dioxide emissions	EPA	0-1 index,	0.5	0.907		0.828	4		Toxic air releases	EPA	lb / square mile	1.0	0.00		0.00	1	1
Ozone emissions	EPA	0-1 index, 0-1	0.5	0.53		0.59	6	6									
	Source	Unit	Weight		Value		US Count Decile			Source	Unit	Weight		Value		US Cour Decil	
Forest, Land and Soil (8th)			20%	35.9	10-yr trend	40.3	2011 2	8	Freshwater (5th)			20%	<sup>2011</sup> 71.5	10-yr trend	71.5	2011	2021
Toxic land releases	EPA	lb / square mile	1.0	0.00		0.00	1	1	Statewide good quality rivers and streams	EPA	percentage	0.5	25.5		25.5	7	7
Statewide rural parks and wildlife areas	USDA	percentage	1.0	1.40	/***	1.42	7	7	Statewide good quality lakes, resevoirs and ponds	EPA	percentage	0.5	10.4		10.4	7	7
Statewide compliant underground storage tanks facilities	EPA	percentage	1.0	63.0	7/1	64.0	8	7	Total freshwater withdrawals per capita	USGS	million gallons / 1,000 population	1.0	0.15		0.14	2	2
Statewide exposure to pesticides	CDC	number / 100,000 population	1.0	51.2	/~~	36.9	8	7	Toxic water releases	EPA	lb / square mile	1.0	0.00		0.00	1	1
Tree canopy cover	NLCD	percentage	1.0	12.104		11.599	6	6									
Wetlands and deepwater habitats	USFWS	percentage	1.0	6.0		6.0	4	4									
	Source		Unit	2011	Value 10-yr trend		US Count Decile 2011 2	ies 2021									
Preservation Efforts (9th)			10%	3.5		3.5	9	9									
Statewide GAP 1 protected areas	USGS	percentage	2.0	0.0		0.0	10	10									
Statewide GAP 2 protected areas	USGS	percentage	1.5	1.3		1.3	6	6									
Statewide GAP 3 protected areas	USGS	percentage	1.0	0.4		0.4	10	10									

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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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