COMPETITIVE ASSET ASSESSMENT SUMMARY

July 2022

Diane Lupke & Associates



Diane Lupke & Associates, Inc.

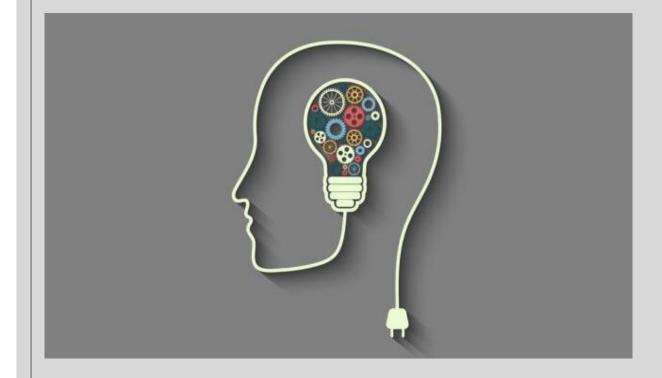


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Economists calculate that approximately 50% of US annual GDP growth is attributed to increases in innovation.

Source: U.S. Council on Competitiveness



Competitive Asset Assessment Components

➢ Economic Overview

- ➢ Innovation Assessment
- ➤ Location Assessment
- ➤ Key Target Sectors





ECONOMIC OVERVIEW

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Global Environment

- Geo-political instability cited as top risk of global and domestic economies. COVID 19 was #1 in 2020 and 2021.
- U.S. geo-political risk perceived to be considerably lower than global level.
- Energy insecurity and prices are of CONCERN. (NM and SJ County are more favorably positioned compared to U.S. as pertains to electricity, natural gas and potentially renewable energy.)
- Inflation rages for all at rates not seen in 40 years.

Source: McKinsey Global Survey





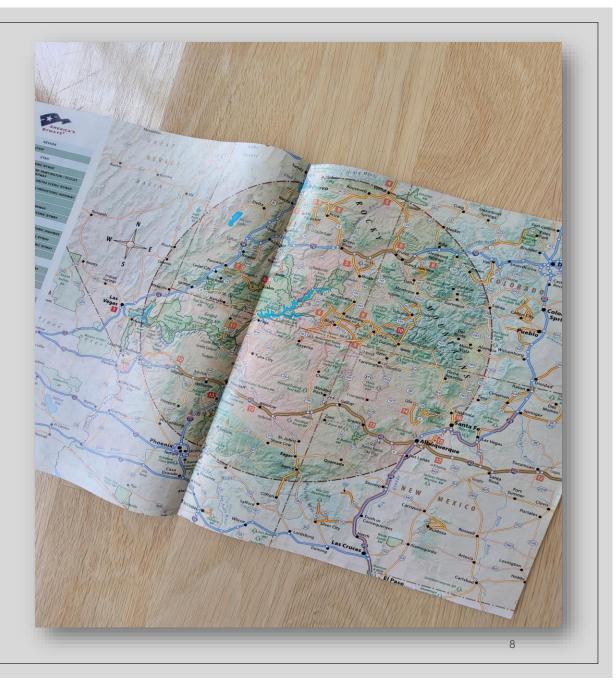
Decarbonization will reshape the economy, opening new markets and imperiling others. Now is the moment for companies to spot green growth opportunities and move boldly to take advantage.

McKinsey Quarterly



Key Macroeconomic Drivers in San Juan County

- Energy Restructuring
- Population Loss and Associated Risks
- Tourism Rebound
- Agriculture + Manufacturing Potentials





50-Mile Region from Farmington

Largest Counties by Population in 2021

County (Metro/City)	Size
San Juan, NM (Farmington)	120,993
La Plata, CO (Durango)	56,250
Montezuma, CO (Cortez)	26,175

Counties with Greatest 10-Year Growth

County (Largest City)	Growth
La Plata, CO (Durango)	8.4%
Montezuma, CO (Cortez)	2.7%
San Juan, NM (Farmington)	-6.7%

- San Juan County is more than double the population of either La Plata or Montezuma Counties in Colorado. This may mean greater political clout in setting regional directions.
- San Juan County shrank 6.7% in population from 2010 to 2020.
- Implication: Critical to understand what's driving the population decline and take mitigating actions. Note that simultaneously La Plata County is growing much faster than the national average.



50-Mile Region from Farmington

Largest 2-digit NAICS Industries by Employment in Qtr 3 2021

2-Digit NAICS	Employment	% of Total	Annualized Earnings per Job	Relative to Total
00 Total	77,899	100.0%	\$49,581	100.0%
62 Health Care and Social Services	12,540	16.1%	\$55,651	112.2%
44-45 Retail Trade	10,541	13.5%	\$36,025	72.7%
72 Accommodation and Food Services	9,187	11.8%	\$23,165	46.7%
92 Public Administration	6,615	8.5%	\$57,925	116.8%
61 Educational Services	6,202	8.0%	\$38,728	78.1%
23 Construction	5,077	6.5%	\$54,990	110.9%
21 Mining	4,245	5.4%	\$84,613	170.7%
54 Professional, Scientific, and Technical Services	2,308	3.0%	\$90,781	183.1%
42 Wholesale Trade	2,256	2.9%	\$60,257	121.5%
31-33 Manufacturing	2,213	2.8%	\$46,988	94.8%

- Healthcare represents the largest employment sector and earnings are 112% of the County average
- Retail trade not far behind healthcare in employment but wages are only 73% of average
- Accommodation and food services wages (potentially related to outdoor recreation) are only 47% of County average.
- Mining employment (which includes power plants) is shrinking but wages are 171% of County average



100-Mile Region from Farmington

- SJC is by far the largest county in the 100-mile region
- Only three counties in the 100-mile region experienced population declines.
 SJ County is one of the three.
- All three counties with declines have significant portions of the Navajo Nation
- Jobs and economic growth are occurring in Colorado counties with higher educational attainment levels and higher wages (shown on subsequent slides)

Largest Counties by Population in 2021

County (Metro/City)	Size
San Juan, NM (Farmington)	120,993
McKinley, NM (Gallup)	71,780
Apache, AZ (Eagar)	65,623
La Plata, CO (Durango)	56,250
Montezuma, CO (Cortez)	26,175
San Juan, UT (Blanding)	14,489
Archuleta, CO (Pagosa Springs)	13,790
San Miguel, CO (Telluride)	8,074
Dolores, CO (Dove Creek)	2,397
San Juan, CO (Silverton)	733

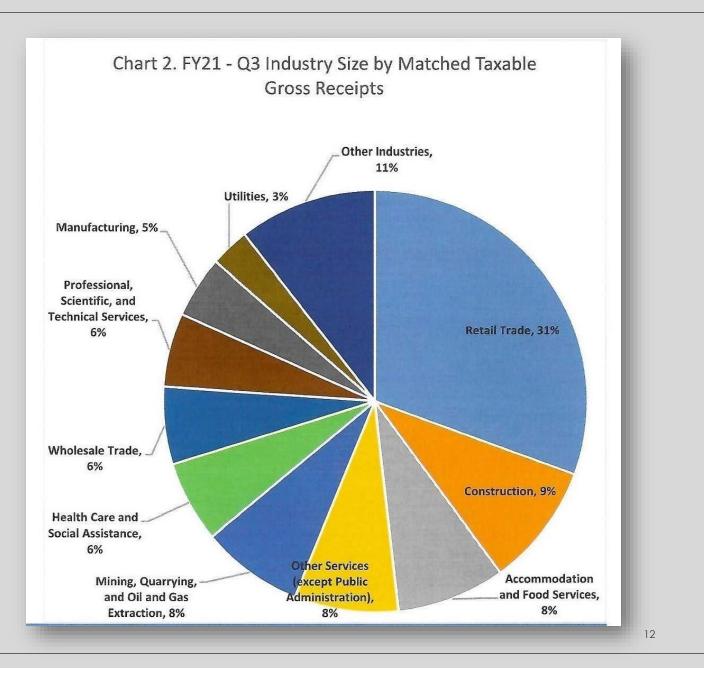
Counties with Greatest 10-Year Growth

County (Largest City)	Growth
Dolores, CO (Dove Creek)	17.3%
Archuleta, CO (Pagosa Springs)	14.7%
La Plata, CO (Durango)	8.4%
San Miguel, CO (Telluride)	7.8%
San Juan, CO (Silverton)	6.2%
Montezuma, CO (Cortez)	2.7%
McKinley, NM (Gallup)	-0.8%
San Juan, UT (Blanding)	-2.4%
San Juan, NM (Farmington)	-6.7%
Apache, AZ (Eagar)	-9.1%



San Juan County Industry by Gross Receipts Tax Revenue

Note: The GRT mix is different from the employment mix. Note the Health Care sector doesn't charge GRT and hence its relatively small contribution. Note also the large contribution from retail. Lastly, note that the professional, scientific and technical services sector which has 3% of employment produces 6% of GRT. This reflects the sector's higher wage levels.





San Juan County generally has lower educational attainment levels than the nation.

Education levels are, however, well suited to support new growth in high-wage, blue collar industrial jobs.

Job growth in other higher-wage fields will require deliberate, longterm workforce training investment and career pathways initiatives. (One example is information technology.)

Education for San Juan County, NM

Excel Word

Educational Attainment in 2020	Number	Percent of Population 25+	Rank in U.S.	U.S. % of Population 25+
Total Population 25 and Older	81,603	100%	N/A	100%
Less than 9th Grade	3,544	4.3%	<u>1,272</u>	4.9%
9th to 12th, No Diploma	7,725	9.5%	<u>895</u>	6.6%
High School Graduate (includes equiv.)	23,793	29.2%	<u>2,372</u>	26.7%
Some College, No Degree	23,390	28.7%	<u>128</u>	20.3%
Associate Degree	10,570	13.0%	<u>308</u>	8.6%
Bachelor's Degree	7,370	9.0%	<u>2,686</u>	20.2%
Graduate, Professional or Doctorate Degree	5,211	6.4%	<u>1,670</u>	12.7%

Source: U.S. Census Bureau, American Community Survey, 5-Year Estimates



Housing Costs

San Juan County housing prices are nationally and regionally attractive.

Although housing cost data constantly changes as a result of markets, interest rates and inflation and reported data lags, SJ County housing will appear attractive to retirees and locationneutral workers from a cost perspective.

San Juan County	New Mexico	United States	
70.80%	68.00%	64.40%	
\$155,000	\$175,700	\$229,800	
\$1,282	\$1,293	\$1,621	
\$320	\$360	\$509	
\$803	\$857	\$1,096	
Farmington MSA	Western U.S.	United States	Albuquerque
\$215.7	\$511	\$354	292.5
15.6%	5.3%	15.7%	19.4%
\$43,789	\$93,185	\$66,365	5852
San Juan County	New Mexico	United States	
84.70%	88.10%	91.90%	
66.70%	77.90%	85.20%	
	70.80% 70.80% \$155,000 \$155,000 \$1,282 \$320 \$803 Farmington MSA \$215.7 15.6% \$43,789 San Juan County 84.70%	1 70.80% 68.00% 1 \$155,000 \$175,700 \$1,282 \$1,293 \$1,293 \$1,282 \$1,293 \$360 \$320 \$360 \$357 \$68,00% \$68,00% \$175,700 \$1,282 \$1,293 \$360 \$320 \$360 \$350 \$68,00% \$68,00% \$360 \$60,000 \$530 \$536 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,000 \$60,00	Number Number Galaxy Galaxy <thgalaxy< th=""> <thgalaxy< th=""> <thgalaxy< td="" th<=""></thgalaxy<></thgalaxy<></thgalaxy<>



Location Quotient

- High Level Industry Sectors
- Occupations





What is a "Location Quotient"?

- A way of comparing the degree of concentration of a given industry type and associated employment levels for a given area (SJ County) relative to the nation.
- A location quotient of 1.00 means that for the given measure, SJ County is exactly equal to the national average concentration.
- Location quotients are useful as descriptive characterizations of the economic profile of a given geographic area like SJ County.
- Industries are classified by "NAICS" codes. NAICS stands for the North American Industry Classification System and the system is used by government to classify and compare industry by types.



What is a "Location Quotient"?

An example NAICS structure is shown below:

NAICS aggre	egation levels	Example of NAICS structure			
Digit designation	Aggregation level	Code	Titles of categories		
2	Sector	54	Professional, scientific, and technical services		
3	Subsector	541	Professional, scientific, and technical services		
4	Industry group	5411	Legal services		
5	Industry	54111	Offices of lawyers		
6	National industry	541110	Offices of lawyers		



NAICS High Level Industry Sectors

Quarterly Census of Employment and Wages

Table Filter: (Filter Value) Download Source Data Build Anothe	10000	pply Clear				Page Display 75	1 ♥ of 1 ▼ rows per	<>> page
High-Level Industry	Quarterly Establishments	July Employment	August Employment	September Employment	Total Quarterly Wages	Average Weekly Wage	September Employment Location Quotient	Total Quarterly Wages Location Quotient
VA							VA	
10 Total, all industries	2,774	32,112	32,264	32,297	\$397,103,853	\$948	0.89	0.89
102 Service-providing	2,245	24,464	24,689	24,415	265,750,318	834	0.81	0.74
101 Goods-producing	529	7,648	7,575	7,882	131,353,535	1,312	1.23	1.55
1011 Natural resources and mining	186	4,040	4,099	4,231	82,699,995	1,543	7.77	13.77
1012 Construction	262	2,618	2,477	2,601	35,850,767	1,075	1.17	1.25
1013 Manufacturing	81	990	999	1,050	12,802,773	972	0.29	0.26
1021 Trade, transportation, and utilities	682	8,715	8,681	8,606	102,702,562	911	1.07	1.23
1022 Information	31	194	193	191	1,777,268	710	0.23	0.08
1023 Financial activities	243	1,079	1,099	1,081	12,710,735	900	0.44	0.28
1024 Professional and business services	384	1,883	1,890	1,875	26,837,960	1,097	0.30	0.27
1025 Education and health services	419	6,615	6,747	6,703	86,245,122	992	1.01	1.18
1026 Leisure and hospitality	254	4,813	4,909	4,809	23,865,098	379	1.10	1.00
1027 Other services	232	1,165	1,170	1,150	11,611,573	769	0.93	1.09



NAICS High Level Industry Sectors

and hunting

warehousing

leasing

services

services

assistance

recreation

services

NAICS 61 Educational services

NAICS 62 Health care and social

NAICS 71 Arts, entertainment, and

NAICS 72 Accommodation and food

NAICS 81 Other services, except

public administration

Quarterly Census of Employment and Wages

27

392

32

222

232

197

6,418

423

4,390

1,165

277

6,470

398

4,511

1,170

286

6,417

375

4,434

1,150

2,438,028

83,807,094

2,264,047

21,601,051

11,611,573

740

1,002

437

374

769

0.34

1.10

0.59

1.18

0.93

0.27

1.32

0.44

1.15

1.09

Private, NAICS Sectors, San Juan County, New Mexico More areas of high concentration. 2021 Third Quarter, All establishment sizes Source: Quarterly Census of Employment and Wages - Bureau of Labor Statistics Page 1 ♥ of 1 < > Table Filter: (Filter Value) Apply Clear Download Source Data Build Another Table Display 75 Y rows per page Total September Total Quarterly Average Quarterly July August September Employment NAICS Sector Quarterly Weekly Wages Establishments Employment Employment Location Employment Location Wages Wage Quotient Quotient VA V VA VA $[v] \land$ VIA VA VA NAICS 11 Agriculture, forestry, fishing 15 251 270 374 \$1,861,102 \$480 0.95 0.60 NAICS 21 Mining, guarrying, and oil 80,838,893 171 3,789 3,829 3,857 1,626 25.30 28.08 and gas extraction NAICS 22 Utilities 22 657 652 648 19,682,387 2,321 4.05 5.92 262 NAICS 23 Construction 2,618 2,477 2,601 35,850,767 1,075 1.17 1.25 NAICS 31-33 Manufacturing 81 990 999 1.050 12.802.773 972 0.29 0.26 NAICS 42 Wholesale trade 165 1,452 1,447 1,456 21,591,610 1,144 0.87 0.79 NAICS 44-45 Retail trade 396 5,745 5,670 5,577 49,170,522 668 1.24 1.46 NAICS 48-49 Transportation and 99 861 912 925 12,258,043 1,048 0.53 0.64 NAICS 51 Information 31 194 193 191 1,777,268 710 0.23 0.08 NAICS 52 Finance and insurance 122 748 767 766 9,351,529 946 0.25 0.42 NAICS 53 Real estate and rental and 121 331 332 315 3,359,206 793 0.48 0.41 NAICS 54 Professional and technical 230 826 815 804 16,633,645 1,570 0.28 0.28 NAICS 55 Management of companies 26 108 110 100 1,329,563 965 0.14 0.08 and enterprises NAICS 56 Administrative and waste 128 949 965 971 8,874,752 710 0.36 0.36



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Occupations – Farmington MSA

Not all wages are equal. Important to know if a community is desiring to grow high-wage jobs.

Intentional wealth building in a community requires understanding a given profession's educational requirements and associated wages.

Occupation (SOC code)	Employment ⁽¹⁾	Hourly mean wage	Annual mean wage ⁽²⁾	Hourly median wage	Annual median wage ⁽²⁾	Location Quotient
All Occupations(000000)	41210	23.71	49310	17.94	37300	1.00
Management Occupations(110000)	1950	48.47	100810	45.44	94520	0.75
Business and Financial Operations Occupations(130000)	1220	33.59	69860	29.36	61070	0.46
Computer and Mathematical Occupations(150000)	330	33.38	69430	29.89	62160	0.24
Architecture and Engineering Occupations(170000)	430	39.53	82230	36.07	75020	0.61
Life, Physical, and Social Science Occupations(190000)	290	32.57	67750	31.08	64650	0.77
Community and Social Service Occupations(210000)	630	24.72	51420	21.86	45460	0.96
Legal Occupations(230000)	200	35.60	74050	29.37	61090	0.57



Occupations – Farmington MSA

Occupation Er	mployment	Hr Mn Wg	Bureau of Labor St An Mn Wg	Hr Med Wg	An Med Wg	LQ	
Educational Instruction and Library Occupations(250000)	3000	27.07	56300	23.37	48610	1.25	
Arts, Design, Entertainment, Sports, and Media Occupations(270000)	230	21.54	44810	17.68	36780	0.43	
Healthcare Practitioners and Technical Occupations(290000)	2430	48.01	99850	36.25	75410	0.95	
Healthcare Support Occupations(310000)	2860	13.95	29020	13.33	27720	1.48	
Protective Service Occupations(330000)	1450	21.22	44130	18.58	38650	1.47	
Food Preparation and Serving Related Occupations(350000)	3700	12.68	26360	11.12	23130	1.13	
Building and Grounds Cleaning and Maintenance Occupations(370000)	1180	13.98	29070	13.28	27620	0.98	
Personal Care and Service Occupations(390000)	640	14.04	29190	11.48	23880	0.85	
Sales and Related Occupations(410000)	3950	17.31	36010	13.72	28530	1.02	

Retail jobs are vital but low wage jobs.



Generated on: Jun 21, 2022

Occupations – Farmington MSA

Occupation	Employment	Hr Mn Wg	Bureau of Labor An Mn Wg	Statistics Hr Med Wg	An Med Wg	LQ
Office and						
Administrative Suppor	t 5200	18.09	37630	17.47	36330	0.97
Occupations(430000) Farming, Fishing, and Forestry	5200	18.09	57030	17.47	30330	0.37
Occupations(450000)	40	16.01	33310	14.33	29810	0.32
Construction and Extraction Occupations(470000)	3840	25.50	53040	22.81	47430	2.24
Installation, Maintenance, and Repair Occupations(490000)	2670	25.66	53370	22.65	47110	1.64
Production Occupations(510000)	1580	26.39	54890	22.65	47110	0.64
Transportation and Material Moving Occupations(530000)	3380	18.96	39440	17.46	36310	0.91



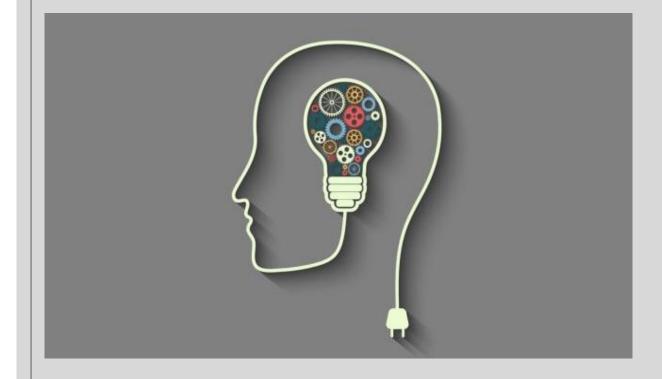
INNOVATION ASSESSMENT

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"The critical path for success is seeking regional competitive advantage, which requires the identification of regional assets of physical, scientific, and intellectual infrastructure; market opportunities; and a strategy for exploiting those market opportunities."

The Honorable David A. Sampson, former Deputy Secretary, US Department of Commerce

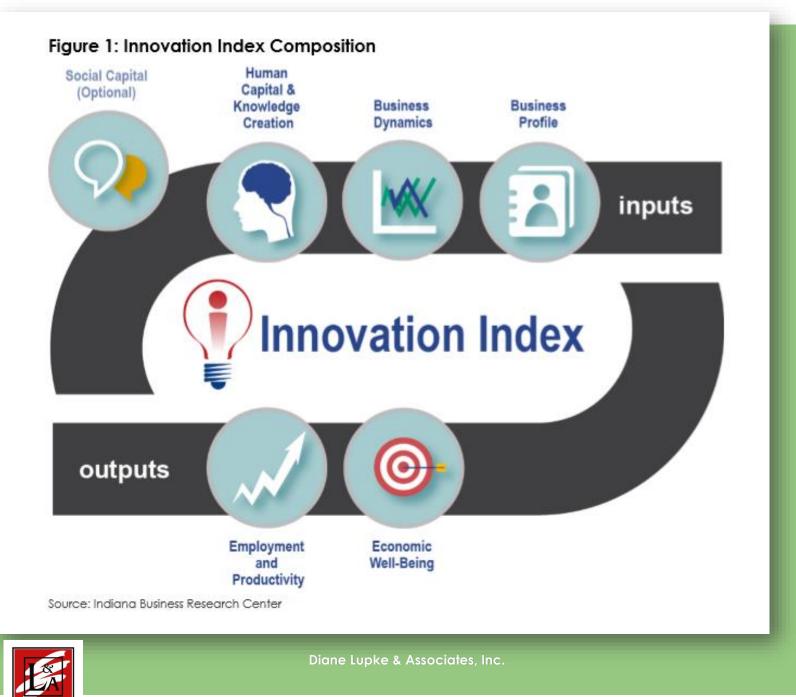




Economists calculate that approximately 50% of US annual GDP growth is attributed to increases in innovation.

Source: U.S. Council on Competitiveness





Regional Innovation Environment

<u>Inputs</u>

Assets + Networks + Local Culture

<u>Outputs</u>

Innovation + Productivity + Prosperity

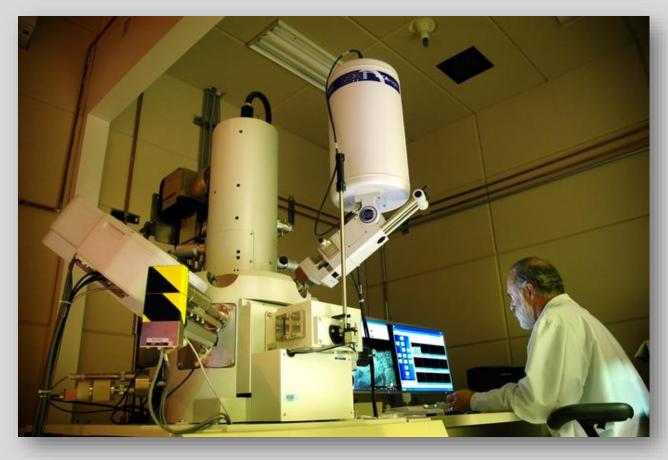
"Job growth is driven, essentially entirely by startup firms that develop organically."

Tim Kane, Kaufman Foundation of Entrepreneurship



What assets support innovation?

- Human Capital
- Research + Development Institutions
- Financial Capital
- Industrial Base
- Physical Infrastructure
- Legal + Regulatory Environment
- Quality of Life





What types of Networks and Local Culture support innovation?

- Linked assets web of linked idea generators, managers, and capital
- Collaboration collaborative economic development partnerships involving leaders from business, education, government, and nonprofits
- Organizations and resources capacity and integration of regional organizations and other resources

- Coopetition willing to collaborate and share ideas with those with whom you compete
- Risk risk is an accepted part of innovation
- Diversity regional appreciation of people from diverse experiences and backgrounds, seeing and accepting ideas from outside the norm



Business Innovation Summary Slide

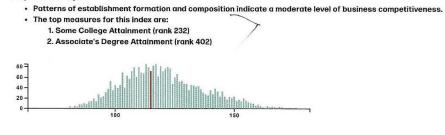
- Comparison Counties selected include La Plata, Gunnison, Montrose and Mesa Counties (Grand Junction) in Colorado and Deschutes County, Oregon (Bend).
- Selected counties are potential competitors in attracting new entrepreneurial investment and/or have similar economic development aspirations (e.g., outdoor recreation or outdoor recreation manufacturing.)

- SJ County has a higher than national average innovation intelligence index of 112, but substantially lags the comparison counties. (With time and investment, gap can be closed effectively stimulating more entrepreneurial formation.)
- SJ County lags the average of comparison counties by virtually every other innovation measure.



Human Capital and Knowledge Creation Index 115.2 (rank: 1,815)

Key Takeaways

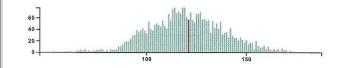


Business Dynamics Index 121.8 (rank: 1,425)

Key Takeaways

- Patterns of establishment formation and composition indicate a moderate level of business competitiveness.
- The top measures for this index are:

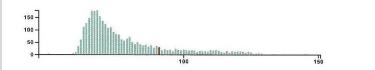
1. Traded Sector Establishment Births to All Establishment Ratio (rank 193) 2. Average High-Tech, Early-in-Life-Cycle Establishment Ratio (rank 474)



Business Profile Index 91.6 (rank: 542)

Key Takeaways

- The relative availability of resouces for entrepreneurs and businesses is moderate in this area.
- The top measures for this index are:
 1. Farm Operators with Internet Access (rank 233)
 2. Industry Diversity (rank 556)



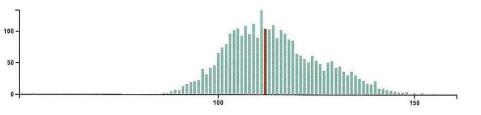
San Juan County, NM

Population: 125,608 Per Capita Income: \$38,370 Largest City: Farmington

Innovation Intelligence Index

112.1

Rank: 1,653

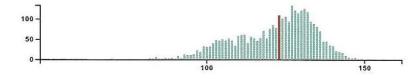


The graph above, and the similar graphs below, show the distribution of index values for all counties. The value for San Juan County, NM is highlighted in red.

Employment and Productivity Index 123.8 (rank: 1,622)

Key Takeaways

- · Industry performance in San Juan County, NM indicate a moderate level of positive outcomes from existing economic activity.
- The top measures for this index are:
 - 1. Patent Diversity (rank 410)
 - 2. Change in Average Patenting Rate (rank 277)





The Innovation Summary Comparisons Against the Comparison Counties

Innovation Summary

	SJ County, NM	La Plata County, CO	Gunnison County, CO	Montrose County, CO	Mesa County, CO	Deschutes County, OR	Mean	SJ County % of Mean
Innovation Intellegence	112.1	130.5	129.8	120.2	124.1	140.7	126.2333	89%
Business Dynamics	121.8	151.8	156.9	140.5	134.7	168.4	145.6833	77%
Business Profile	91.6	101	71.4	76.1	86.4	103.2	88.28333	127%
Employment & Productivity	123.8	122.9	116.1	128.4	132.2	142	127.5667	88%
Economic Well-Being	108	148	163.4	134	138.6	147.6	139.9333	80%



Human Capital + Knowledge Creation

te SJ County's lagging educational attainn	San Juan County, NM	E Comparison Co La Plata County, CO	Gunnison County, CO	Montrose County, CO	Mesa County, CO	Deschutes County, OR	
Innovation Intelligence	112.1	130.5	129.8	120.2	124.1	140.7	
Human Capital and Knowledge Creation	115.2	128.5	141.1	122.3	128.4	142.2	
Educational Attainment	138.2	163.1	159.3	136.6	152.8	165.4	
High School Attainment	106.8	153.0	193.7	121.5	146.1	125.5	
Some College Attainment	189.0	165.0	107.7	173.7	182.4	182.8	
Associate's Degree Attainment	180.4	102.1	96.2	104.3	117.2	146.7	
Bachelor's Degree Attainment	99.9	198.7	199.9	160.3	165.7	189.1	
Graduate Degree Attainment	115.1	196.7	198.8	123.0	152.7	182.8	
Knowledge Creation and Technology Diffusion	114.9	119.2	123.3	86.6	96.9	98.3	
Patent Technology Diffusion	130.3	137.6	196.6	123.3	143.9	146.7	
University-Based Knowledge Spillovers	99.5	100.9	50.0	50.0	50.0	50.0	
6 STEM Education and Occupations	101.1	95.9	88.2	91.8	96.2	106.0	
Technology-Based Knowledge Occupation Clusters	138.7	113.3	101.1	106.5	116.5	118.5	
Average High-Tech Industry Employment Share	114.6	124.5	113.6	119.0	122.1	149.5	
Average Prime Working-Age Population Growth	106.6	135.9	193.5	174.4	167.7	199.0	



Business Dynamics

SJCNM	LPCCO	GCCO	MTCCO	MSCCO	DCO
121.8	151.8	156.9	140.5	134.7	168.4
128.8	150.7	157.6	142.2	144.3	167.3
116.9	162.5	186.0	172.4	164.0	196.
176.8	168.4	132.2	112.9	181.4	173.
122.0	115.6	148.6	132.5	110.8	177.
121.2	131.9	148.9	148.9	136.4	136
130.8	146.9	130.0	123.0	139.5	142.
114.8	152.9	156.2	138.8	125.2	169.
126.8	153.7	125.6	123.1	129.5	137.
108.4	140.5	154.7	153.0	131.0	180.
109.3	164.6	188.1	140.3	115.1	190.
	121.8 128.8 116.9 176.8 122.0 121.2 130.8 114.8 126.8 108.4	121.8151.8128.8150.7116.9162.5176.8168.4122.0115.6121.2131.9130.8146.9114.8152.9126.8153.7108.4140.5	121.8151.8156.9128.8150.7157.6116.9162.5186.0176.8168.4132.2122.0115.6148.6121.2131.9148.9130.8146.9130.0114.8152.9156.2126.8153.7125.6108.4140.5154.7	121.8151.8156.9140.5128.8150.7157.6142.2116.9162.5186.0172.4176.8168.4132.2112.9122.0115.6148.6132.5121.2131.9148.9148.9130.8146.9130.0123.0114.8152.9156.2138.8126.8153.7125.6123.1108.4140.5154.7153.0	121.8151.8156.9140.5134.7128.8150.7157.6142.2144.3128.8150.7157.6142.2144.3116.9162.5186.0172.4164.0176.8168.4132.2112.9181.4122.0115.6148.6132.5110.8121.2131.9148.9148.9136.4130.8146.9130.0123.0139.5114.8152.9156.2138.8125.2126.8153.7125.6123.1129.5108.4140.5154.7153.0131.0



Business Profile

Business Profile	SJCNM 91.6	LPCCO 101.0	GCCO 71.4	MTCCO 76.1	MSCCO 86.4	DCOR 103.2
Venture Capital Dollar Measures	87.6	104.6	50.0	50.0	67.7	102.6
Change in Average Venture Capital	50.0	122.9	50.0	50.0	50.0	50.0
Venture Capital Count Measures	69.9	93.6	50.0	50.0	70.0	73.5
Change in Average Venture Capital Deals	50.0	113.2	50.0	50.0	50.0	50.0
Foreign Direct Investment Attractiveness	83.5	50.0	50.0	50.0	83.4	83.0
FDI Employment Ratio, Foreign Source	50.0	50.0	50.0	50.0	50.0	111.1
FDI Investment Ratio, Foreign Source	50.0	50.0	50.0	50.0	50.0	120.8
FDI Employment Ratio, Domestic Source	112.2	50.0	50.0	50.0	112.1	50.0
FDI Investment Ratio, Domestic Source	121.8	50.0	50.0	50.0	121.8	50.0
Proprietorship	125.3	156.1	135.9	154.4	124.6	153.7
Farm Operators with Internet Access	196.6	199.8	93.9	199.6	N/A	N/A
Proprietorship Rate	93.2	178.5	185.0	169.9	134.3	170.8
Change in Proprietorship Rate	111.4	126.9	139.9	118.6	120.4	115.4
Proprietor Income to Total Wages and Salaries Ratio	100.2	119.1	124.7	129.5	119.2	174.8



Employment + Productivity

SJCNM	LPCCO	GCCO	MTCCO	MSCCO	DCOF
123.8	122.9	116.1	128.4	132.2	142.0
141.0	137.2	115.0	140.8	168.1	170.0
104.3	98.4	71.4	111.1	155.4	159.0
177.8	176.0	158.5	170.4	180.9	181.0
84.4	86.9	85.0	83.9	84.1	84.1
116.5	116.5	116.5	116.5	116.5	116.5
52.3	57.3	53.6	51.4	51.7	51.7
114.0	112.6	122.0	122.9	125.7	133.7
178.0	151.3	102.5	153.9	156.5	158.9
164.8	112.6	155.1	118.1	123.5	126.7
191.1	189.9	50.0	189.7	189.6	191.0
	104.3 177.8 84.4 116.5 52.3 114.0 178.0 164.8	104.398.4177.8176.084.486.9116.5116.552.357.3114.0112.6178.0151.3164.8112.6	104.398.471.4177.8176.0158.584.486.985.0116.5116.5116.552.357.353.6114.0112.6122.0178.0151.3102.5164.8112.6155.1	104.398.471.4111.1177.8176.0158.5170.484.486.985.083.9116.5116.5116.5116.552.357.353.651.4114.0112.6122.0122.9178.0151.3102.5153.9164.8112.6155.1118.1	104.398.471.4111.1155.4177.8176.0158.5170.4180.984.486.985.083.984.1116.5116.5116.5116.5116.552.357.353.651.451.7114.0112.6122.0122.9125.7178.0151.3102.5153.9156.5164.8112.6155.1118.1123.5



Innovation Intelligence

Economic Well-Being

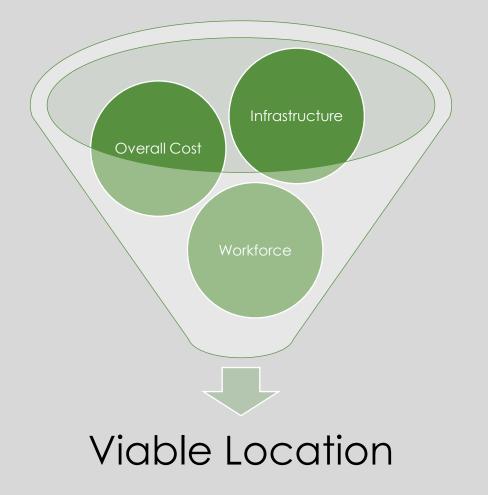
	SJCNM	LPCCO	GCCO	MTCCO	MSCCO	DCOR
B Economic Well-Being	108.0	148.0	163.4	134.0	138.6	147.6
Residential Internet Connectivity	131.9	177.0	189.1	131.9	152.9	161.1
Broadband Infrastructure and Adoption	123.9	118.6	140.2	140.1	152.7	129.6
Broadband Adoption Barriers	139.3	196.1	197.9	123.4	143.8	175.7
Compensation	101.6	101.5	156.9	157.8	135.8	163.2
Change in Annual Wage and Salary Earnings per Worker	96.2	106.5	149.4	122.7	122.3	171.9
Per Capita Personal Income Growth	117.3	111.8	147.5	126.5	138.4	155.5
Average Poverty Rate	106.4	177.4	140.1	120.7	131.2	158.5
Average Unemployment Rate	94.8	187.6	194.4	163.8	144.0	133.3
Government Transfers to Total Personal Income Ratio	120.9	188.2	191.2	122.9	143.6	169.7
Average Net Migration	50.0	129.1	174.3	123.3	124.8	102.8



LOCATION ASSESSMENT

Diane Lupke & Associates, Inc.

Site location filter





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А	в	L	U	E	F	G	н		J	ĸ	L	IM	N	0	Р	ų	в	5		
Site/Building Name	Reejction reason	Site size	price; sell/lease	Building	zoning	Water capacity	Wastewater	gas	Electric Demand	Telecomm	current use neighbors	environ	Flood plain	Highway; interstate	Airport	effluent limits	chloride	topo	shape	Representative
		30+ acres	wish to own	Phase I: 130,000 SF. Total 330,000 SF. Tanks add: 90,000 Sf Phase I; 220,000 SF		Phase I: 300,000 T/yr.; 130,000 gpd. Total 600,000T/yr .; 380,000 gpd.	Phase I: 250,000 T/yr.; 150,000 gpd. Total: 500,000T/yr. ; 300,000 gpd	Therms/mon. TBD. 5 psi	Phase I: 3 MW demand; 500,000 KwH/month. Totai: 7 MW and 1.33 million kwH/month	T-1 line or equivalent	avoid, chemical, dusty, odors	clean site; no issues	outside 100-yr	distance TBD	1.5 hrs. to hub	TSS mg/L TBD	Limits TBD. An issue?	flat	rect.	Site Screening Matrix
Gateway II - Cannady. J.C. Cannady Rd. Statesboro	Wastewater (WW) capacity. Neighbors	41 total; 31 usable			Lt Ind. Max ht 35"; more with setbaok. 2" ht for every 1" setbaok	Current permit capacity: 5.875 million gallons/da y (MGD); current average pumped per day: 3.2 MGD. 12" line to site. The City has capacity to serve Phase I of this projects with no modificati ons or upgrades to the	3200' to site. A sewer main extension would be needed to extend mains from the adjoining property to the site. Capacity to serve the requireme nts of Phase I would not call for any improvem ents to the system	4" line adjacent to site; 6" line nearby if needed. 32 psi	Electricity will be available if it is not currently	10 gb	Industrial, Agricultur al, Residenti al. Neighbors are Industrial uses (WL Plastics and Great Dane Trailers) to the east and south, respective ly. Residenti al and agricultur al to the west and north, respective	Phase I. Wetland – "needs to be extended. " Arch. GRAD certified		US-301 South adjacent; 6 miles from Interstate 16	Savannah 50 miles.		Chlorides can be an issue in large quantities, more detailed informatio n would be needed to make a determina tion.	"gentle grade"	irreg	Site locators work to "screer out" a potentic location to narrow their universe down to the best 3-5 locations. Timely, thorough support of a site
3333	Water & WW capacity, price, owners unknown. Distance, freight coasts	???	????			Assert can meet. No detail	& MGD capacity. Assert can meet. No detail		Oncor can meet		Was ranch. Odessa owned 9 years.			,,5 mi, IH 20						locator can make the difference!
10700 Telge. Rd. Houston, TX 77095	capacity	70+	Negotiabl e. Private.	700,000 SF former food DC. 28-42'		12" main, 4" line	Infra needs improvem ent				former Randall's Grocery Distributio	Phasel		<1mi	28 miles Bush					40

Assets: Sustaining Existing Business + Expansion – A Site Locator's Assessment of SJ County

- $\,\circ\,$ Low cost and available utilities
- Supportive public sector
- K-12 Educators and business aligned on training and workforce development
- San Juan Community College proven training capability
- Animas Industrial Park offers expansion sites: many smaller sites and buildings at affordable costs
- Downtown Farmington / Aztec
- Outdoor recreation
- Animas River
- Cultural / historical sites
- Shopping destination / regional center for services. Healthcare availability.
- Community works together, volunteers, positive intergovernmental relations
- Proactive 4CED and chambers of commerce



Assets: Entrepreneurship

- Energy companies / talent / history / knowledge
- Long history in agriculture / 3,000 small farms
- Sandia / Los Alamos labs; possible spin-offs, consulting, partnerships
- Entrepreneurship support Makerspace / coworking space / incubator / tech support



Assets: Business Attraction

- Energy industry talent / history / knowledge
- Electricity cost / locally owned nimble / availability
- Power transmission line network
- Water available, not dependent on Colorado River / Wastewater capacity. Planned improvements.
- Natural gas producer, low cost + availability
- Gas pipeline infrastructure. Are there other uses?
- Technical workforce: HS and AA degrees
- San Juan Community College training capability + responsiveness
- Agriculture products, resources, NAPI
- San Juan County Industrial Park building potential



Assets: Business Attraction

- Land available for smaller users; few sites over 20 acres. Perhaps SJC Industrial Park will add?
- Animas Industrial Park attractive environment
- Proximity to Sandia + Los Alamos Labs
- Some strong company names: PESCO, Raytheon
- Four Corners Regional Airport corporate aircraft
- Proactive, cooperative community. Supportive public sector.
- Opportunity Zones
- Sales tax for Outdoor Initiative and Economic Development
- Robust website data for potential prospects
- Quality of life pluses: lower cost of living / housing availability / outdoors and historical sites / health care / regional service center



Weaknesses

- Relatively isolated will need offsetting advantages
- No interstate highway
- No scheduled air service
- No rail service
- Limited larger buildings and sites
- Uncertain future of San Juan Generating Station
- Declining labor force / labor availability
- Transferring professional staff
- Small manufacturing sector

- No 4-year college or research university
- Poor MSA quality of life databases / indicators e.g., safety, education (understand that the Farmington MSA and the City of Farmington are two different designations)
- Differing decision-making priorities slow agreements e.g., tribal and nontribal entities
- Long-term sustainable economic development resources to support 4CED
- Limited private land (6%)
- Dependable broadband lacking outside Farmington



Population + Labor Force

	SJC	NM	US
Population Estimates, July 1 2021	120,993	2,115,877	331,893,745
Population estimates base, April 1, 2020	121,661	2,117,522	331,449,281
Population, Census, April 1, 2010	130,044	2,059,179	308,745,538
Population, percent change - 2010-2020	-7.5%	2.7%	7.0%
Population, percent change - April 1, 2020 -2021	-0.5%	-0.1%	0.1%
Persons under 18 years, percent	26.0%	22.7%	22.3%
Persons 65 years and over, percent	15.6%	18.0%	16.5%
Persons 18-64, percent	58.4%	59.3%	61.2%
In civilian labor force, total, % population age 16 years+, 2016-2020	54.3%	56.9%	63.0%
Labor Force 2016	54,678	944,245	159,356
Labor Force 2021	49,527	943,356	161,372
Percent change labor force 2016-21	-9.4%	-0.1%	1.3%
Unemployment rate 2020	9.6%	8.1%	6.7%
Unemployment rate 2021	8.0%	6.8%	3.9%
High school graduate/higher, % of persons age 25 years+, 2016-2020	86.2%	86.5%	88.5%
Bachelor's degree/higher, % of persons age 25 years+, 2016-2020	15.4%	28.1%	32.9%
With a disability, under age 65 years, percent, 2016-2020	9.5%	10.9%	8.7%

Shrinking workforce can be seen as negative for a labor-intensive business.



KEY TARGET SECTORS

Diane Lupke & Associates, Inc.

Key Targets

- Energy
- Agriculture
- Manufacturing
- Tourism + Outdoor Recreation
- Retirees + Remote Workers



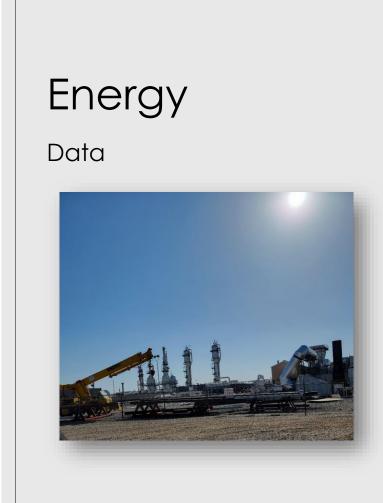


Energy Summary Key Takeaways

- Strong, historical base of energy production (coal, electricity, natural gas and oil)
- Well-trained, efficient workforce
- Excellent local vocational training available (SJ College School of Energy) including emerging energy related offerings like carbon sequestration
- Opportunities for renewable energy development particularly solar
- Abundant natural gas reserves
- Robust, high-voltage power line network for Western U.S. market access



- SJC Industry by Revenue 8%
- NAICS 1011 Natural Resources + Mining 186 establishments, 4,099 employees (8/21) Location Quotient (LQ) 7.77
- NAICS 2111 Oil + Gas Extraction 36 establishments, 1,001 employees (9/21) LQ 30.69
- NAICS Support Activities for Mining 127 establishments, 2,208 employees (9/21) LQ 32.72
- New Mexico ranked #2 producer of oil in US
- New Mexico has 6% of US natural gas reserves
- New Mexico is 6% of total US natural gas production, ranked #8
- New Mexico has 3% of US recoverable coal reserves, ranked #10
- Wind supplies 30% of total utility scale energy production
- 93,000 active oil and gas wells in New Mexico. SJ County has 20,000 to 30,000.
- Oil and gas provides 134,000 jobs in New Mexico
- 279 sun days annually





Assets

- Industry knowledge, expertise, and innovation
- Natural gas available, lower cost
- Electric power availability and prices, city ownership and responsiveness
- Electric transmission line infrastructure
- Pipeline distribution network? Underground storage potential
- San Juan Community College proven training capability
- K-12 + STEM education
- Skilled technical workforce; high level HS and AA degrees

Energy

Assets



Opportunities

- Federal Hydrogen Projects
- Carbon sequestration
- Solar power, possible Federal incentives
- Geothermal
- New natural gas leases and production?
- Natural gas export potential?
- Pipeline infrastructure reuse?
- Can SJ County become known for both fossil fuel and green energy? Can SJ County become a place where companies test and prove technologies?

Energy

Opportunities



Agriculture Summary Key Takeaways

- Strong, historical base of agriculture in SJ County both farming and ranching
- SJ County has the most farms and ranches in NM suggests strong economic base
- Navajo Nation has a large farm and ranch sector
- Need to look for ways to increase small operation average income levels to enhance sustainability
- Local food initiatives and concerns about food insecurity are underlying supportive macro trends



The Future of Agriculture is Smaller Smarter Farms

"Decarbonizing the global economy is going to create the greatest investment opportunity of our lifetime. It will also leave behind the companies that don't adapt. ...BlackRock will use climate change as a defining factor to assess companies."

Larry Fink Founder and CEO BlackRock, the worlds largest asset manager

"The farms that grow soybeans, corn, and wheat, largely are exported to China, Mexico, and other countries. Meanwhile, we're importing fruits, vegetables, coffee, and cocoa. In other words, we're exporting the food we grow and importing the food we eat. "

Kathleen Gallagher Executive Director 5 Lakes Institute

Agriculture + Ag Related Products





- NAICS 11 15 establishments with 374 employees (9/21) Location Quotient (LQ) .95
- NAICS 22131 water supply + irrigation
 10 establishments with 48
 employees (8/21) LQ 3.61
- NAICS 1121 Cattle Ranching + Farming – 4 establishments, 12 employees (7/21) LQ .23
- o 2,965 Farms + Ranches (2017)

Agriculture -	┢
Ag Related	
Products	

Data



2,965		V-L			15,300
2,551,470			Beef Cows		9,700
861	FT	409	Sheep & La	ambs	17,900
\$74,118,000	L-J-F	4 H			
\$24,998		41			
\$27,958					
-\$865	Crops 2020	Acres Harv.	Yield	Production	Unit
	2,551,470 861 \$74,118,000 \$24,998 \$27,958	2,551,470 861 \$74,118,000 \$24,998 \$27,958	2,551,470 861 \$74,118,000 \$24,998 \$27,958	2,551,470 861 \$74,118,000 \$24,998 \$27,958	2,551,470 861 \$74,118,000 \$24,998 \$27,958

Note: This data does not include Navajo Nation and NAPI.

New Mexico Annual Bulletin 2020 USDA, National Agricultural Statistics Service Agriculture + Ag Related Products

Livestock Census 2017

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District & County	2007	2012	2017	District & County	2007	2012	2017
	(Farms & Ranches)	(Farms & Ranches)	(Farms & Ranches)		(Farms & Ranches)	(Farms & Ranches)	(Farms & Ranches)
Bernalillo	635	1,006	1,248	Torrance	561	589	716
Cibola	317	522	640	Union	380	353	369
Los Alamos	7	9	2	Northeast			
McKinley	2,624	2,297	2,441				
Rio Arriba	1,312	1,892	1,439	Catron	259	351	341
Sandoval	652	1,029	1,007	Grant	327	407	404
San Juan	1,897	2,628	2,965	Hidalgo	162	171	151
Santa Fe	489	715	639	Luna	206	190	211
Taos	637	983	824	Sierra	265	256	257
Valencia	901	1,607	1,360	Socorro	536	704	658
Northwest				Southwest			
Colfax	302	290	304	Chaves	584	595	560
Curry	681	600	641	Doña Ana	1,762	2,184	1,946
De Baca	173	203	226	Eddy	543	551	507
Guadalupe	258	372	297	Lea	572	460	555
Harding	168	202	184	Lincoln	361	362	454
Mora	589	597	700	Otero	493	486	473
Quay	636	553	613	Southeast			
Roosevelt	876	680	742				
San Miguel	765	877	1.170	New Mexico	20,930	24,721	25,044

Agriculture + Ag Related Products

Farms + Ranches Growth by County

NOTE: In 2017, San Juan County was home to the largest number of farms and ranches in NM.



Characteristics	Navajo Nation	Pueblo de	Pueblo of	Pueblo of	Pueblo of Santo	Pueblo of
		Cochiti	Isleta	Jemez	Domingo	Zuni
Farms	16,129	54	159	45	60	171
Land in Farms (Acres)	15,956,139	(D)	221,439	(D)	(D)	465,776
Average Size (Acres)	997	(D)	1,393	(D)	(D)	3,105
Market Value of Ag Sold	87,653,000	100,000	961,000	273,000	184,000	1,240,000
Average per Farm	5,434	1,844	6,044	6,068	3,074	7,251
Crops, Incl. Greenhouse	69,354,000	73,000	695,000	80,000	118,000	7,000
Livestock & Products	18,299,000	27,000	266,000	193,000	66,000	1,233,000
Total Expenses	163,162,000	290,000	1,042,000	204,000	432,000	1,847,000
Cattle & Calves Farms	6,126	7	92	27	42	89
Number	71,374	113	1,330	1,118	532	4,582
Sheep & LambsFarms	10,172	0.00000	20		1	84
Number	194,034		198		(D)	4,251
Horses & Ponies Farms	9,416	19	43	8	24	27
Number	48,794	107	131	20	85	102
LayersFarms	1,443	6	7	3	13	1
Number	10,670	54	345	52	99	(D)
Corn, TraditionalFarms	1,977	6	7	17	17	3
Acres	4,977	5	6	29	35	8
Pounds	1,374,134	3,000	6,000	6,680	7,950	1,350
Hay & Haylage Farms	482	44	111	15	45	1
Acres	30,010	605	2,383	82	512	(D)
Dry Tons	(D)	759	6,447	140	735	(D)
Land in Vegetables Farms	1,243	4	8	31	17	1
Acres	8,394	3	9	42	16	(D)
Under 25 Years	591	2	14	1	2	6
25 to 34 Years	1,439	14	3	3		5
35 to 44 Years	2,341	14	27	6	5	17
45 to 54 Years	4,901	10	58	14	9	54
55 to 64 Years	6,913	7	41	17	21	62
65 to 74 Years	5,583	22	42	8	22	42
75 years & Over	4,727	5	32	6	4	32
Average Age of All Operators	59.5	50.2	56.7	54.6	59.5	59.7

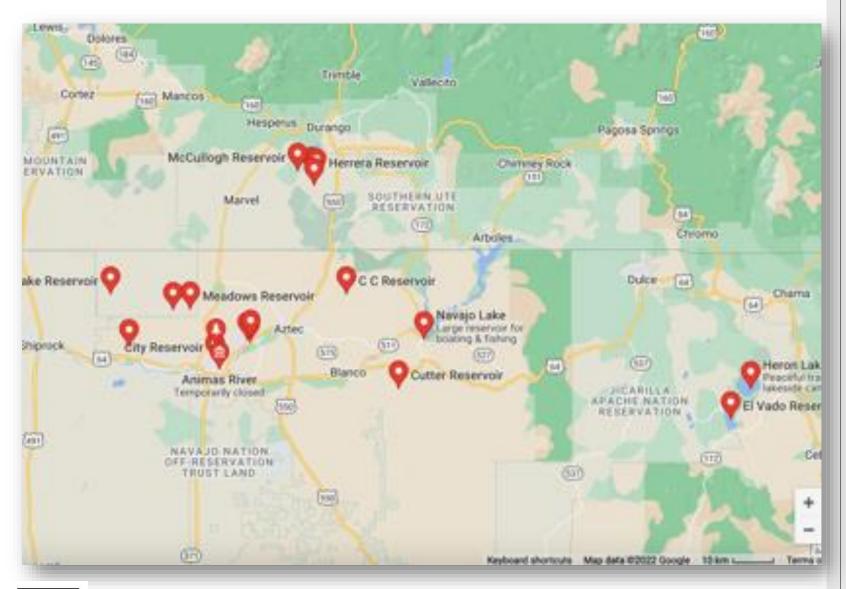
Agriculture + Ag Related Products

Census - Navajo Nation

(D) Withheld to avoid disclosing data for individual operations

NOTE: Large agriculture presence on Navajo Nation. Much in San Juan County.





Agriculture + Ag Related Products

Water



A number of advanced connectivity use cases have the potential to radically transform many aspects of farming by 2030.

Smart-livestock

monitoring

Agriculture connectivity use cases

Smart-crop monitoring

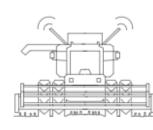


Connectedirrigation and nutrient-distribution equipment based on connectedsensor data and imagery analysis, aimed at optimizing resource usage and crop growth through real-time, precise, location-dependent adjustments

Drone farming

Drone surveillance and Individualized feeding-and-care remote interventions based on image analysis plans based on connected-bodyand connected sensors communicating data with sensor data and the drone, aimed at movement providing more frequent, tracking, aimed at cost-effective remote detecting illnesses monitoring of large areas early and providing and enabling remote each animal with interventions to boost yield its optimal feed and medicine mix and reduce losses from pests as well as optimizing to maximize deployment costs arowth

Autonomousfarming machinery



Self-operated machinery and robots able to perform targeted interventions based on connected-sensor data, GPS data, and imagery analysis, aimed at optimizing resource usage, reducing labor requirements, and boosting yield through more precise and individualized interventions

Prescriptive maintenance and real-time environmental adjustments, aimed at improving performance and extending useful life of farm equipment and other assets as well as decreasing risk of mold, fire, and other threats

Smart-building

and -equipment

management

Agriculture + Ag Related Products

Agriculture's Connected Future: How Technology can Yield New Growth

McKinsey & Company Center for Advanced Connectivity and Agriculture Practice



Assets

- Water availability, wastewater treatment capacity
- Available electricity + natural gas at low prices
- Smart farming irrigation experience
- NAPI, potential additional land & products
- Navajo Mesa Farms and other NAPI contract operators
- NMSU + Ag Extension
- 3,000 farms
- Products wheat, alfalfa, potatoes, meat
- San Juan College potential shared kitchen?

Agriculture + Ag Related Products

Assets



Opportunities

- Value added products pelletized alfalfa, potato dehydration, oil seeds crush plant,
- Boutique food processors
- Meat packing & processing, likely specialized
- Are there opportunities to support new/existing small farmer & ranchers?
- New, high value crops? What might they be?
- Sustainable, smart farm technology, perhaps irrigation related?
- Are there enough livestock and crops to attract a processor? What scale could the area support?

Agriculture + Ag Related Products

Opportunities



Weaknesses

• No rail for large scale transport to urban markets

- Smaller operations are more difficult to scale and may have capital access challenges
- Smaller operations are more vulnerable to risks

Agriculture + Ag Related Products

Weaknesses



- SJC Industry by Revenue 5%
- NAICS 1013 Manufacturing 81 establishments, 979 employees, Location Quotient (LQ) .29
- NAICS 33271 Machine shops 11 establishments, 93 employees (9/21), LQ 1.23





Manufacturing Summary Key Takeaways

- Manufacturing in San Juan County is a small sector overall, but employers benefit from a talented and appropriately educated workforce
- Bulk of manufactures are related to producing energy production and production support equipment
- Lack of rail limits spectrum of potential new manufacturing companies (including attracting new companies, supporting expansion of existing companies and start-ups)
- Labor shed is well suited for heavy industrial manufacturing work. Power plant and coal closures are likely to result in available workforce increases if displaced workers don't leave San Juan County.



Sector & NAIC	# establishments	# employees	
All	2944		Private 2753
All Mfg	81	929	Down from 90
Food processing 311	7	37	NAPI may not be here. These are private sector.
Petroleum & Coal Products 324	2	ND	
Fabricated metals 332	22	177	
Machinery mfg. 333	8	452	
Other			
Natural resource & mining	188		264 in 2011
			6700 employed 2014
Mining, Quarrying, Oil & Gas Extraction 21	172	3711	251 est. in 2011
Gas Extraction 21			But mining is up from 4 to 8

Manufacturing

Selected Sectors



Sector	establishments	# employees	
All	2483	35209	
Manufacturing	70	1607	Maybe NAPI included?
Mining, Quarrying, Oil & Gas Extraction	108	3195	
Manufacturing by size establishment			
<5	27	Ν	
5-10	16	Ν	
10-19	17	Ν	
20-49	6	N	

Manufacturing

Establishments



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Assets

- Electricity prices and availability
- Natural gas prices and availability
- Water and wastewater capacity
- Technical labor force / transferable skills
- San Juan CC proven training capability
- Some improved sites available, lack larger 40+ acres
- Animas Industrial Park
- San Juan County Industrial Park building potential
- Existing manufacturers Pesco, Raytheon, Bayotec
- DOD preference for Native American workers
- Farmington ORII program



Assets

Opportunities

- Industries that use natural gas as an input
 - Petrochemicals, H2, urea, polypropolene, plastics
- Energy intensive industries
 - Data Centers.
- Renewable energy and water related businesses
- Location for cost sensitive/space constrained regional businesses, e.g. Durango
- Sandia and Los Alamos federal labs; , partnerships, technology consulting, possible spin-offs.
 - What are they working on that could fit 4CED strengths?
- SJCIP building, when upgraded will be attractive to metal fabricators, machinery makers
 - Only two industrial buildings over 20,000 SF on database

Manufacturing

Opportunities



Opportunities

- Outdoor equipment boutiques, artisans
- Energy intensive businesses often need large sites or rail or other infrastructure, e.g., consider aluminum smelting. What scale could fit 4CED?
- Google or Meta hyperscale data centers will not fit.
 What size data center could be a target for 4CED?
 What are their power, fiber and other requirements.
 Can FEUS provide electricity? Are there sites with robust fiber?

Manufacturing

Opportunities



Weaknesses

- Lack of rail makes transport of large or voluminous manufactured goods more expensive relative to other communities with rail
- San Juan County has affordable industrial land and buildings but does not have many that are 20,000 square feet or larger
- Existing manufacturers have high degree of dependence on the natural gas and oil markets which can be volatile

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Weaknesses



- NAICS 1026 Leisure + Hospitality 254 establishments, 4,809 employees, (9/21) Location Quotient (LQ) 1.10
- NAICS 45111 Sporting Goods Stores 12 establishments, 133 employees (7/21) LQ 1.49
- NAICS 45392 Art Dealers 7 establishments, 19 employees, (9/21) LQ 3.94
- New Mexico tourism spend \$7.4 billion 2019
- New Mexico tourism related taxes \$1.5 billion (\$737 million to local communities)
- San Juan County tourism spending captured \$288.4 Million 2016
- 279 sun days annually/ average winter temps 22-46 degrees / average winter rain monthly 2.6 inches
- 300+ Outdoor Equipment Manufacturers in Utah + Colorado

Tourism + Outdoor Recreation

Data





Tourism and Outdoor Recreation Summary Key Takeaways

- San Juan County and the Four Corners is largely undiscovered country
- 40 percent of visitors are looking for cultural sites and state and national parks. San Juan County has an abundance of both.
- Employment in tourism is growing faster than employment generally. Unfortunately, wages are lower than average.
- Multiple and immediate opportunities exist for additional tourism capture and tourism is the gateway to attracting future retirees and location neutral workers to San Juan County



Where do they come from?

Top 5 States		
New Mexico	21.9%	
Texas	16.4%	
California	10.1%	
Colorado	7.8%	
Arizona	5.9%	

How do they travel to	or in New Mexico? (Top 4 responses)
Own car/truck	65%
Rental car	23.8%
Plane	21.8%
Camper/RV	6.6%

Why do they	visit New Mexico	Ton Reasons	for visit)
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3.58

2.83

Visit friends/relatives	32.8 %
Touring	16.4%
Business trip ⁵	10.5%
Special event	8.3%
City Trip	7.2%
Outdoors	7.9%
Casino	5%
Conference/convention	3.2%
Resort	2%
Skiing/snowboarding	1.2%

Other characteristics:

Average # of nights on trip Average travel party size (77% Adults, 23% children)

TOP 5 DIVING 5	
Albuquerque-SantaFe	18.8%
El Paso-Las Cruces	6.2%
New York, NY/NJ/PA/CT	5.6%
Denver, CO	5.1%
Los Angeles, CA	4.5%
When do they come?"	
Spring	25.1%
Summer	29.2%
Fall	22.4%
Winter	23.4%
What do they do/visit in New	Mexico? (To
Shopping	28.3%
Landmark/historic site	19.5%
National/State Park	18.5%
Fine Dining	18%
Museum	15.6%
Hiking/backpacking	14.4%
Casino	12.2%
Art Gallery	10.4%
Swimming	10.2%
Camping	7.9%
Fishing	7.2%
Fair/exhibition/festival	7.1%
Bar/disco/nightclub	6.9%
Zoo	6.4%
Business Meeting	6.2%
Theater	69
Spa	5.8%
Business Meeting	6.2%

Top 5 DMA's

NOTES: 40% of tourists come to see landmarks and national or state parks. SJ County has an abundance of both. Resource partners (FCVB and Aztec Tourism Center) are levering these attractions.

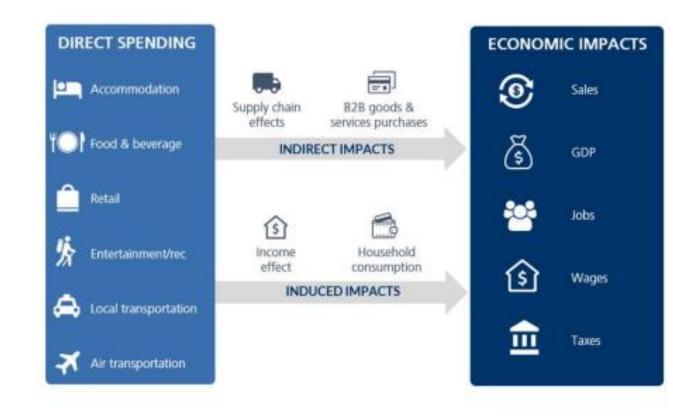
Number one reason people visit is they were asked by a friend or relative. Social media from 4CED amplifies reasons to see San Juan County.

NM and SJ County is a year-round destination making tourism a consistent economic activity. Remember, tourists can turn into relocating retirees and location-neutral workers!

Tourism + Outdoor Recreation Data

Visitor Profile 2015-2016





TOURISM ECONOMICS

Tourism + Outdoor Recreation Data

Tourism Economics Direct / Indirect / Induced

- Spending
- Wages ٠
- Employment ٠
- Federal Taxes •
- State Taxes ۲
- Local Taxes ٠





Visitor Spending

Visitors to New Mexico spent \$7.4 billion in 2019, which generated \$10.4 billion in total business sales, including indirect and induced impacts.

Continued Growth

Tourism-sustained jobs generated total income of \$2.8 billion in 2019, a 4.8% increase over the prior year.



Employment Generator

A total of 96,064 jobs were sustained by visitors to New Mexico in 2019. This included 72,537 direct and 23,527 indirect and induced jobs.

Fiscal Contributions

Tourism in New Mexico generated \$1.5 billion in tax revenues in 2019, with \$737 million accruing to state and local governments.



Lupke & Associates, Inc.

Tourism + Outdoor Recreation Data

Tourism Economics

Tourism employment in New Mexico

Index (2015=100)



Source: BEA; BLS; Tourism Economics

TOURISM ECONOMICS

Tourism + Outdoor Recreation Data

Tourism Economics

Tourism is a rapidly growing employment sector. Will accelerate coming out of COVID.

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VISITATION AND SPENDING

Visitor spending by industry

Visitors to New Mexico spent \$7.4 billion across a wide range of sectors in 2019

Visitors spent \$2.4 billion on lodging, \$1.7 billion on food and beverages, \$1.3 billion on retail shopping, \$1.2 billion on transportation, including both local transportation and air, and nearly \$1.0 billion on recreational activities in 2019.

The value of second home accommodations, included in lodging spend, tallied \$739 million.



Note: Lodging spending is calculated as an industry, including meetings, catering, etc. Spending also includes dollars spend on second homes. Transport includes both air and local transportation.

Source: Tourism Economics



Tourism + Outdoor Recreation Data

Tourism Economics



Assets

- Cultural / historical / natural sites and spectacular surroundings
- Year-round recreation opportunity
- City of Farmington ORII
- Regional events / activities
 - Mountain biking trails and events ie Road Apple Rally; Alien Run; Anasazi Loop
 - Off-roading trails ie Arch Canyon Trail, Chokecherry Canyon Trail, Dunes Recreation Area
 - Animus & San Juan Rivers
- Historic downtowns
- Public investment in downtowns and outdoor access
- Multiple low moderate lodging options, including major chains; RV parks, including drive through sites, one park includes corrals

Tourism + Outdoor Recreation

Assets



Assets

- Shooting sports (bow and arrow events and rifle and pistol shooting competitions)
- Strong hunting and fishing communities
- Dirt track racing and off-road motocross races
- \circ Jeep tours
- Regional draws associated with city parks and water attractions

Tourism +
Outdoor
Recreation

Assets



Opportunities

- Capture additional tourism
- Build on existing events, i.e., mountain biking, horseback riding, fly fishing: cross market all local offerings as event participants enjoy multiple activities. Market area to participants and exhibitors from the perspective relocation and retirement.
- Target outdoor retailers + outfitters, pop-up boutiques related at events
- Continue/expand Farmington and Aztec efforts at attracting outdoor retailers and manufacturers.
- Boutique equipment start-up entrepreneurs like rafting guides, photo guides, etc. and outdoor equipment and food manufacturers (e.g. energy bars, etc.)
- High-end RV park / Long-stay RV parking / Corralling?
- Unique, boutique, and higher-end lodging?
- Agritourism and other experientially related tourism



Opportunities



Retirees and Remote Workers Summary Key Takeaways

- There are a lot of retirees in the U.S. and 38% move to another state as they retire
- Utah sees 17% of its retirees locate to another state upon retirement
- 35% of job holders in US or 55 million people can work remotely full time. San Juan County has lots to offer them, and real estate is affordable relative to Durango and the national average.
- San Juan County and its municipalities are advised to look at development and offering of relocation packages to targeted and qualified location-neutral workers and retirees.



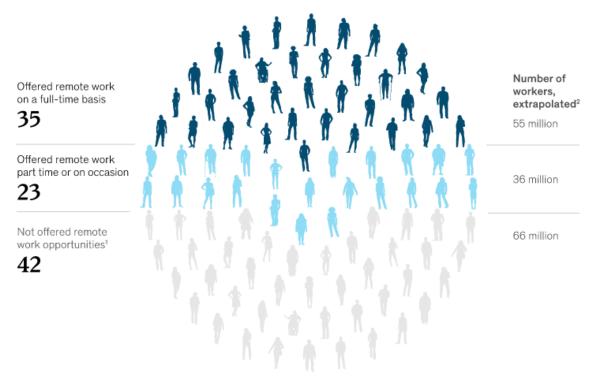
- 16.9% US population 65 and older, approximately 55 million Americans
- $\,\circ\,$ 400,000 US retirees moved their residences in 2020
- 38% of retirees moved to another state (Virginia 15%, Florida 13.5 %, Wyoming 10.3%, Pennsylvania 7%, and Idaho 4.9%)
- 17% of Utah's retirees moved to another state. (Source: The M Report)
- 26% of retirees moved away from larger cities + metropolitan areas
- 35% or 55 million workers can work remotely

Retirees + Remote Workers





Of job holders in the United States, 58 percent—the equivalent of 92 million people—say they can work remotely at least part of the time.



Availability of remote work options, % of employed respondents (n = 13,896)1

Retirees + Remote Workers

35% of job holders in US or 55 million people can work remotely full time

Note: Figures may not sum, because of rounding. 'Includes respondents who answered "I don't know" (196). °Of 158,105,000 employed people; US Bureau of Labor Statistics, Apr 2022. Source: McKinsey American Opportunity Survey Spring 2022





upke & Associates, Inc.

Top Ten Locations (of 100)

- Seattle, Washington
- Portland, Oregon
- Chicago, Illinois
- Atlanta, Georgia
- San Jose, California
- Washington, DC
- San Francisco, California
- New York, New York
- Philadelphia, Pennsylvania
- Denver, Colorado

Criteria for Selection

- Tech Capability: download speed + free WiFi hotspots
- Cost of housing / accommodations
- Airport availability
- Climate
- Outdoor
 experiences:
 nearest national
 park + recreation
 areas

Retirees + Remote Workers

Best Locations for Digital Nomads Fast Company





- Honolulu Movers + Shakas Free airfare, affordable housing, volunteer work, cultural orientation, networking
- West Virginia Ascend \$12,000 cash, co-working space, social events, free outdoor-gear rentals (Morgantown)
- Opportunity Maine Tax Credits (after 1-year residency) against student loan payments
- Call Newton (Iowa) Home \$5,000–10,000 based on home purchase price, welcome package of local gift cards
- Tulsa Remote \$10,000 cash, affordable housing, co-working space, 36 Degrees North entrepreneur basecamp
- Choose Topeka \$5,000 to renters, 10,000 to home buyers, \$1,000 if within Jimmy Johns delivery zone
- Finding NWA (Arkansas)Talent \$10,000 plus free bike
- Remote Tucson \$1,500 cash, free internet, co-working, real estate services, networking, concierge, gift cards
- Savannah Tech Workforce \$2,000 cash (limited to 50) annually + must have 3-years tech experience)

Refirees + Remote Workers

Sample Incentive Packages





Retirees + **Remote Workers Success Factors** Bonuses Training Buddy Concierge Relocation benefits Co-working memberships Invitations to clubs, activities Childcare Check-ins Meet-ups Life coach



For many working remotely, flexible arrangements still have their challenges.

Not remote (0 days) Fully remote (5 days per week) Partially remote (1-4 days) Range, % points Physical-health issues 24 An inability to share your full self at work 26 Access to reliable, high-speed internet 27 Inability to learn new skills to meet changing job expectations 25 Mental-health issues 23 A hostile work environment 20 Access to housing close to work 22 Access to stable housing 25 Access to transportation to and from work 21 Demands at home for care of adult family members or other adult dependents 27 Demands at home for childcare 29 75 0 25 50 100

Question: If you think about your job today, or your most recent job, to what extent are/were any of the following impacting your ability to effectively perform your work?; answers from % of employed respondents citing "major impact" or "moderate impact." Source: McKinsey American Opportunity Survey Spring 2022





Factors that impact ability to effectively perform work,¹% of respondents (n = 13,896)

Retirees + Remote Workers

Challenges to Making Remote Work Work

There are many other items besides cash that can be used to attract retirees and location neutral workers.

Top Ten Cities

 Sarasota, FL 	Score 7.5
 Naples, FL 	Score 7.3
 Daytona Beach, FL 	Score 7.3
• Melbourne, FL	Score 7.3
• Lancaster, PA	Score 7.2
• Tampa, FL	Score 7.2
• Fort Myers, FL	Score 7.2
• Port St. Lucie, FL	Score 7.2
 Ann Arbor, MI 	Score 7.2
 Pensacola, FL 	Score 7.2
• #86 Colorado Springs, CO	Score 6.6
• #89 Boise, ID	Score 6.6
• #100 Boulder, CO	Score 6.5
• #116 Tucson, AZ	Score 6.3
• #124 Salt Lake City, UT	Score 6.2
• #128 Fort Collins, CO	Score 6.1
• #133 Denver, CO	Score 6.1
• #140 Phoenix, AZ	Score 6.0
 #141 Albuquerque, NM 	Score 6.0

Best Places to Retire

Source: US News & World Report (retirement issue)

Criteria

Source: survey of 3,087 individuals nearing retirement age

- Housing Affordability 20.2 % (total homeownership + rental costs)
- Happiness 22.3% (crime, air quality, well-being)
- Desirability 13.6% (no criteria, subjective by respondent)
- Retiree Taxes 15.5% (sales + income taxes, including SS income)
- Job Market 9.3% (ease of finding employment + earning potential)
- Healthcare Quality 19.1 (access to top quality care)



Retiree Relocations Source: The M Report (2020 data)

Winning States

- Virginia 15%
- Florida 13.5%
- Wyoming 10.3%
- Pennsylvania 7%
- Idaho 4.9%

Losing States

- Utah17.3%
- Maryland 12.3%
- California 11.1%
- Texas 9.9%
- New Jersey 8.6%



Assets

- Affordable housing and cost of living; range of housing types
- Healthcare
- Cultural / historical / natural sites + spectacular surroundings and recreational opportunities
- Mild winter / year-round activities
- New assisted living facility downtown nearing completion
- New downtown apartments recently completed
- Historic downtowns
- Shopping destination
- San Juan College (Encore Program, credit courses and cultural programming)
- Coworking, makerspace, incubator
- Award winning schools + public services

Retirees + Remote Workers

Assets



Opportunities

- Market lower cost of living
- Market active lifestyle
- Marketing at events attended by retirees
- Try to attract retirees and potential remote workers as visitors/tourists first
- Remote worker incentive packages. (City of Farmington is initiating an offer on the "Make My Move" platform and can use 4CED's support.)
- Is broadband sufficient to support remote workers throughout the area?

Retirees + Remote Workers

Opportunities



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