HOUSING NEEDS ASSESSMENT

San Miguel County August 20th, 2018





EPS

HOUSING POLICY

REAL ESTATE ECONOMICS

HOUSING NEEDS ANALYSIS

LOCAL RESOURCE ALLOCATION

LAND USE PLANNING

MARKET ANALYSIS

FISCAL & ECONOMIC IMPACT ANALYSIS

PARKS & OPEN SPACE ECONOMICS



RRC

SURVEY AND QUALITATIVE RESEARCH

MODELLING AND APPLIED ANALYSIS

PUBLIC POLICY

CITY AND TOWN PLANNING

HOUSING NEEDS ANALYSIS

EXTENSIVE EXPERIENCE IN RESORT AND MOUNTAIN COMMUNITIES



ABOUT US

KEY STAFF



ANDREW KNUDTSEN MANAGING PRINCIPAL **EPS**

Andrew draws from 20 years of experience addressing community housing needs, evaluating local resource allocation, and leveraging market trends to identify emerging opportunities and address existing deficits.



TIM MORZEL VICE PRESIDENT **EPS**

Tim has a broad base of experience in land use economics, planning, and real estate development. He brings a diverse skill set for solving complex problems related to a variety of land use issues.



SARAH DUNMIRE **RESEARCH ANALYST EPS**

Sarah has experience conducting detailed analysis relating to economic and demographic research.



CHRIS CARES MANAGING DIR./FOUNDER **RRC**

Chris is a founding partner of RRC Associates and specializes in practical applications of research techniques to solve problems in city planning, administration, and business applications.



DAVID BECHER DIRECTOR OF RESEARCH **RRC**

David has diverse experience managing and conducting many types of market research and planning projects for public and private sector clients in his more than two decades at RRC.

ACKNOWLEDGEMENTS

WORKING GROUP

- **Shirley Diaz** San Miguel Regional Housing Authority
- Ross Herzog and Lance McDonald Town of Telluride
- **Lynn Black** San Miguel County
- Kim Montgomery and Michelle Haynes Town of Mountain Village

STUDY OVERVIEW

SAN MIGUEL HOUSING NEEDS ASSESSMENT

Builds on and updates past efforts

- Compare past milestones with trend analysis
 - Economic
 - Demographic
 - Survey data
 - Understanding of where we are now relative to the Great Recession
- Build on regional housing needs assessments that have been completed in 2000, 2008, and 2011
- Provide a projection of need
- Inform current decisions
- Provide parameters for next steps

PRESENTATION OVERVIEW

KEY SECTIONS

E&D / Survey Overview

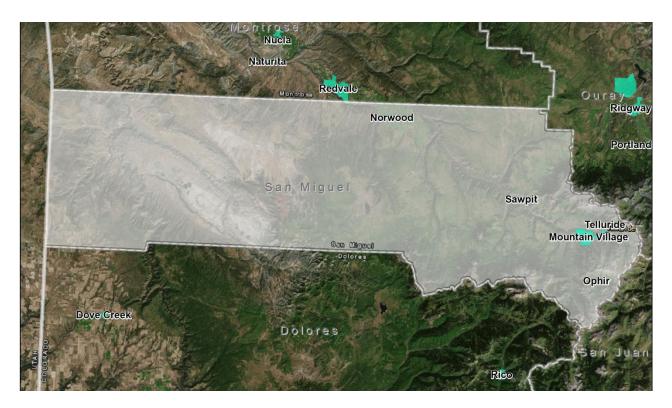
- 1. Employment and Demographics
- 2. Existing Housing Inventory
- 3. Housing Costs
- 4. Household Survey Summary
- 5. Commuting Overview
- 6. Employer Survey Summary

Housing Needs and Gaps

- 7. What has changed since 2011?
- 8. What does the future look like?

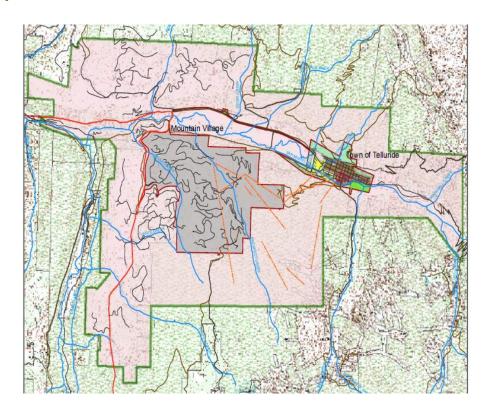
STUDY AREA

SAN MIGUEL COUNTY



STUDY AREA

TELLURIDE REGION



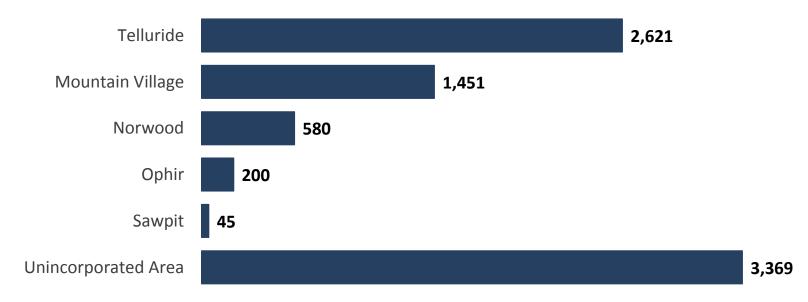
ECONOMIC & DEMOGRAPHIC OVERVIEW

SAN MIGUEL COUNTY HOUSING NEEDS ASSESSMENT

CURRENT POPULATION

SAN MIGUEL COUNTY, 2017 (DOLA)

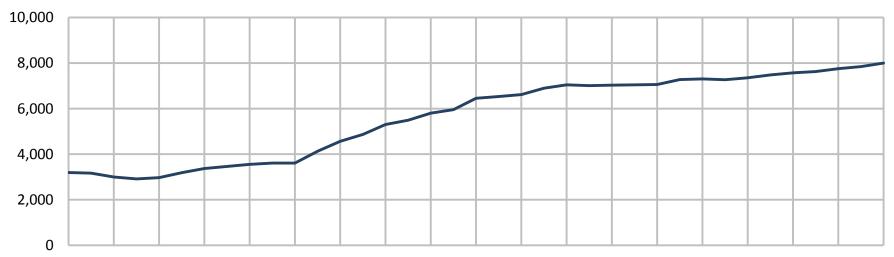
San Miguel County = 8,266



POPULATION TRENDS

SAN MIGUEL COUNTY, 1980-2016 (DOLA)

- 1980–2016 134 people or 2.6% per year
- 2010-2016 107 people or 1.4% per year



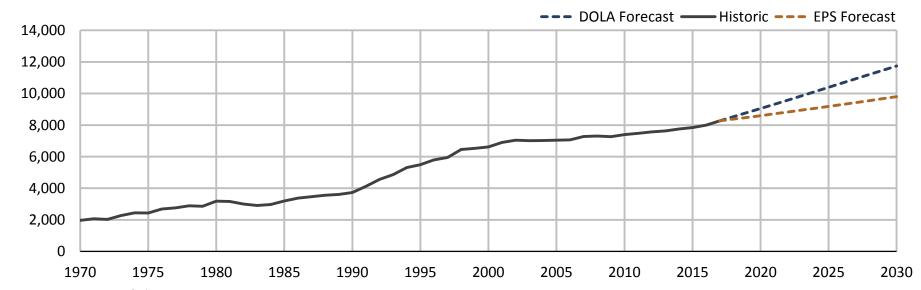
1988 2000 2004 2006 2008 1982 1984 1986 1990 1992 1994 1996 1998 2002 2010 2012 2014 2016

Source: DOLA: Economic & Planning Systems

POPULATION FORECAST

SAN MIGUEL COUNTY, 2016–2030 (EPS/DOLA)

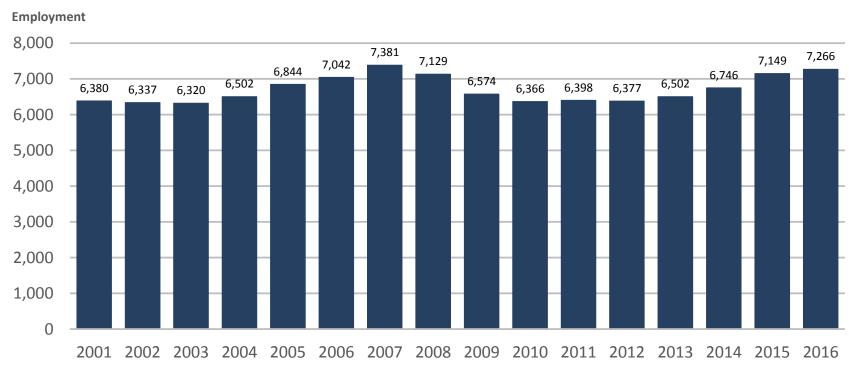
- DOLA Forecast 2.7% per year, 2030 Pop. = 11,742
- EPS Forecast 1.3% per year, 2030 Pop. = 9,804



Source: DOLA; Economic & Planning Systems

EMPLOYMENT

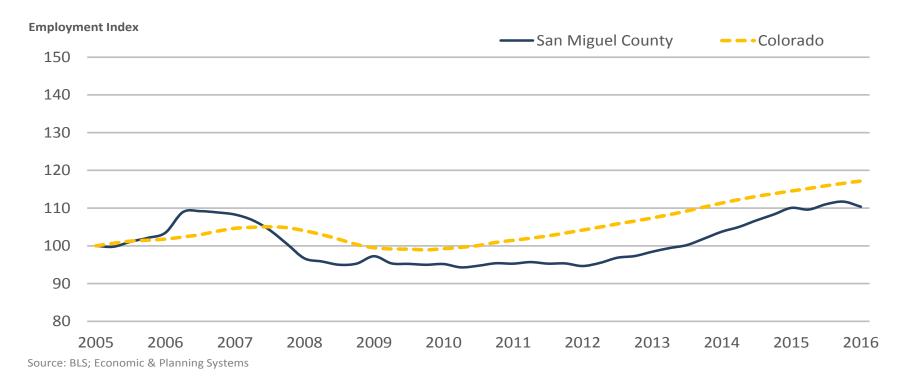
SAN MIGUEL COUNTY, 2005-2017 (QCEW)



Source: DOLA; BLS; Economic & Planning Systems

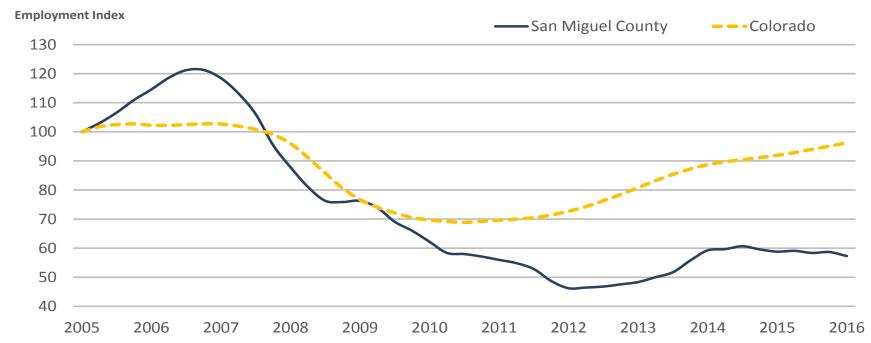
TOTAL EMPLOYMENT INDEX

SAN MIGUEL COUNTY, 2005-2018



CONSTRUCTION EMPLOYMENT INDEX

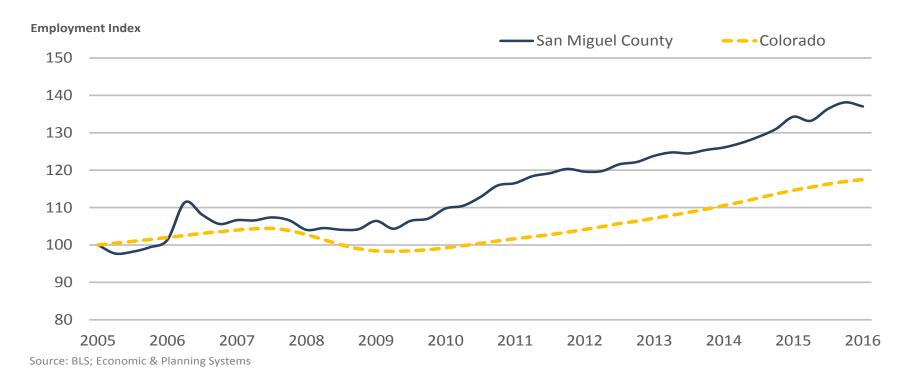
SAN MIGUEL COUNTY, 2005-2018



Source: BLS; Economic & Planning Systems

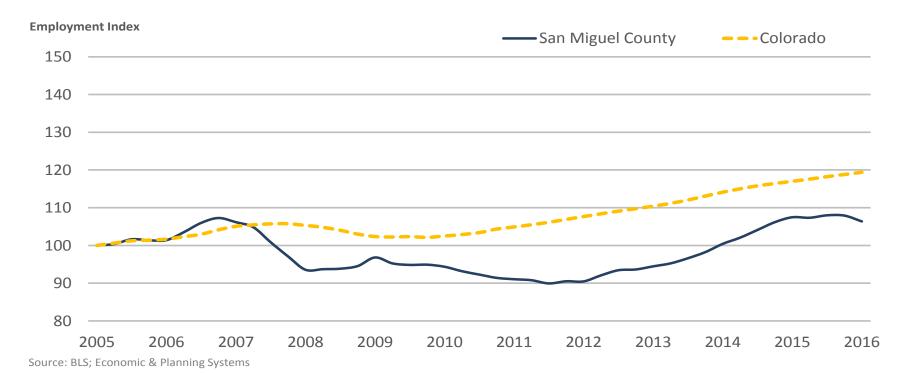
GUEST ORIENTED EMPLOYMENT INDEX

SAN MIGUEL COUNTY, 2005-2018



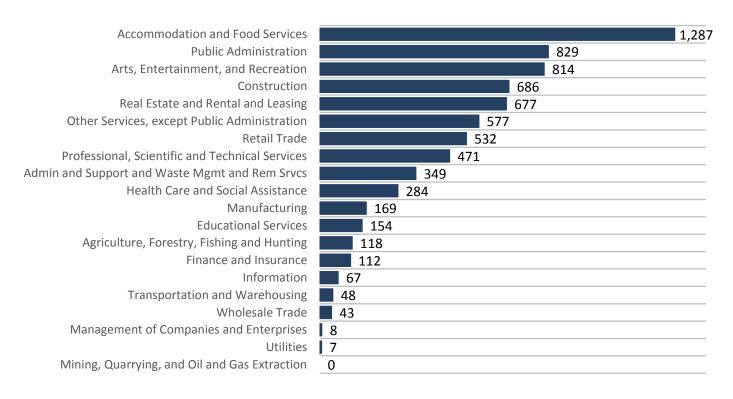
LOCAL ORIENTED EMPLOYMENT INDEX

SAN MIGUEL COUNTY, 2005-2018



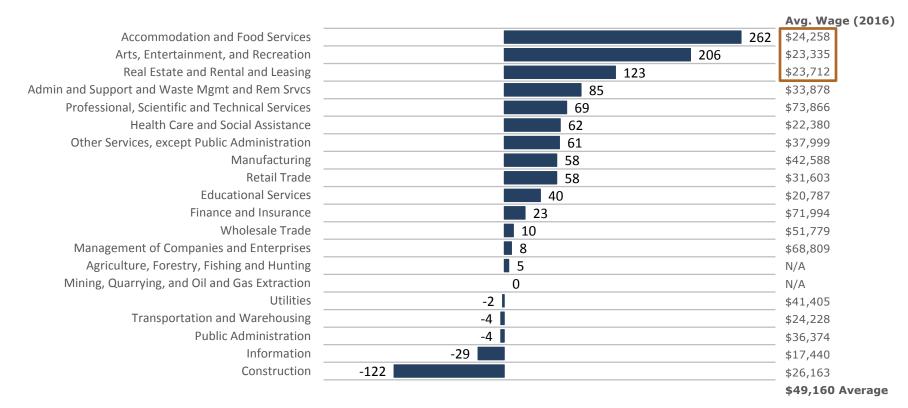
LARGEST EMPLOYMENT SECTORS

SAN MIGUEL COUNTY, 2016



CHANGE IN EMPLOYMENT

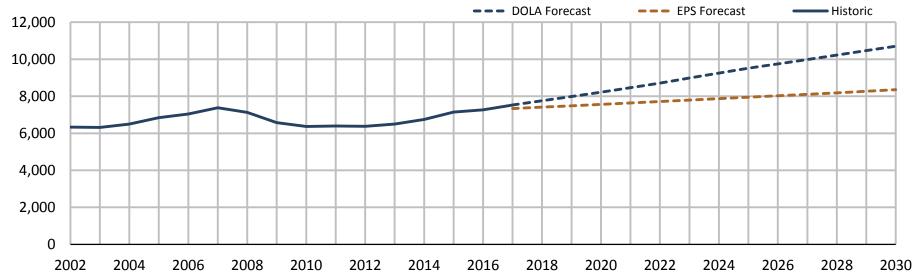
SAN MIGUEL COUNTY, 2011-2016



EMPLOYMENT FORECAST

SAN MIGUEL COUNTY, 2016–2030 (EPS/DOLA)

- DOLA Forecast 2.7% per year, 2030 Emp. = 10,703
- EPS Forecast 1.0% per year, 2030 Emp. = 8,352



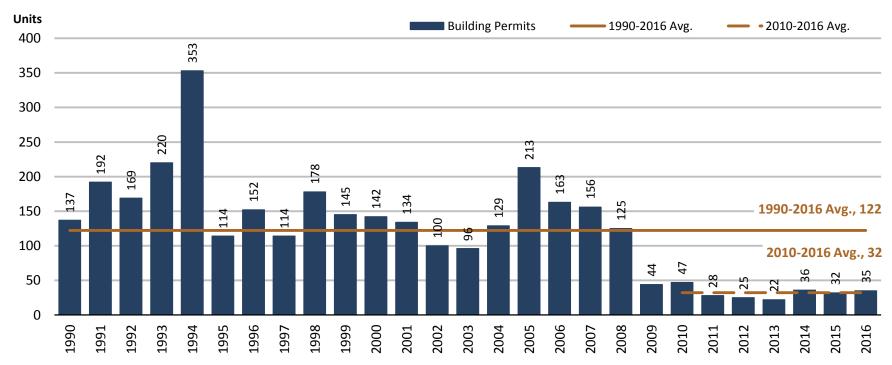
Source: DOLA; Economic & Planning Systems

HOUSING INVENTORY

SAN MIGUEL COUNTY HOUSING NEEDS ASSESSMENT

RESIDENTIAL CONSTRUCTION ACTIVITY

SAN MIGUEL COUNTY, 1990-2016 (U.S. CENSUS)



Source: U.S. Census Bureau; Economic & Planning Systems

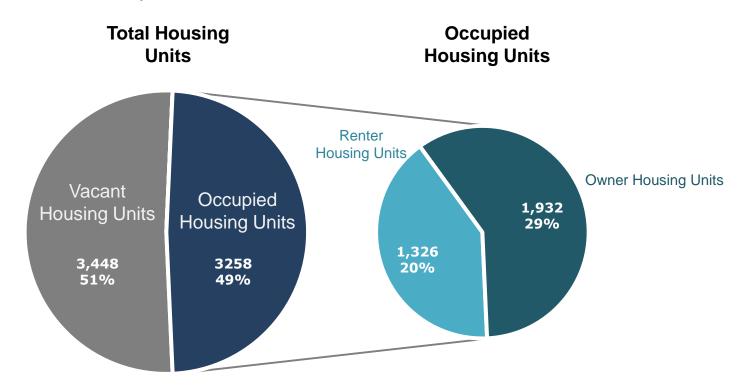
SINGLE FAMILY VS. MULTIFAMILY CONSTRUCTION

SAN MIGUEL COUNTY, 1990-2016 (U.S. CENSUS)



RENTER VS OWNER HOUSING UNITS

SAN MIGUEL COUNTY, 2016



HOUSING UNITS BY TENURE

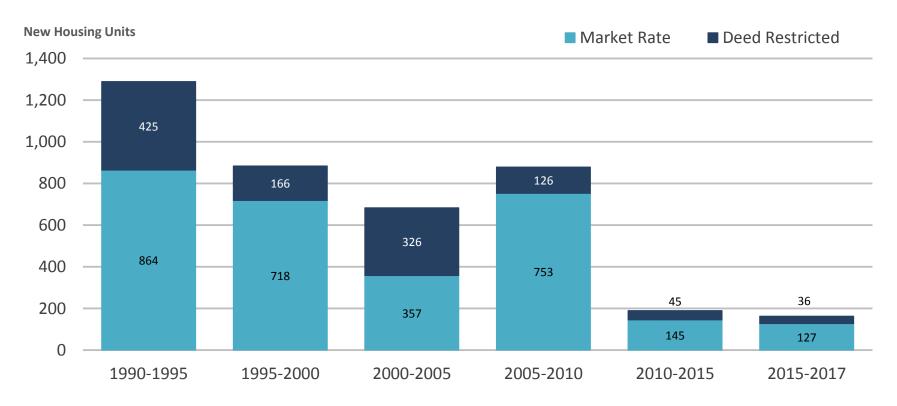
SAN MIGUEL COUNTY, 2012-2016 ACS 5-YEAR

Description			2010-2016		
	2010	2016	Total	Ann.#	Ann. %
11					
Housing Units					
Occupied Units	3,228	3,258	30	5	0.2%
Vacant Housing Units	<u>3,193</u>	<u>3,448</u>	<u>255</u>	<u>43</u>	<u>1.3%</u>
Total	6,421	6,706	285	48	0.7%
Occupied % of Total	50.3%	48.6%			
Vacant % of Total	49.7%	51.4%			
Occupied Housing Units					
Renter Occupied	1,151	1,326	175	29	2.4%
Owner Occupied	<u>2,077</u>	1,932	<u>-145</u>	<u>-24</u>	-1.2%
Total Occupied Units	3,228	3,258	30	5	0.2%
Renter % of Occ.	35.7%	40.7%			
Owner % of Occ.	64.3%	59.3%			

Source: U.S. Census Bureau; Economic & Planning Systems

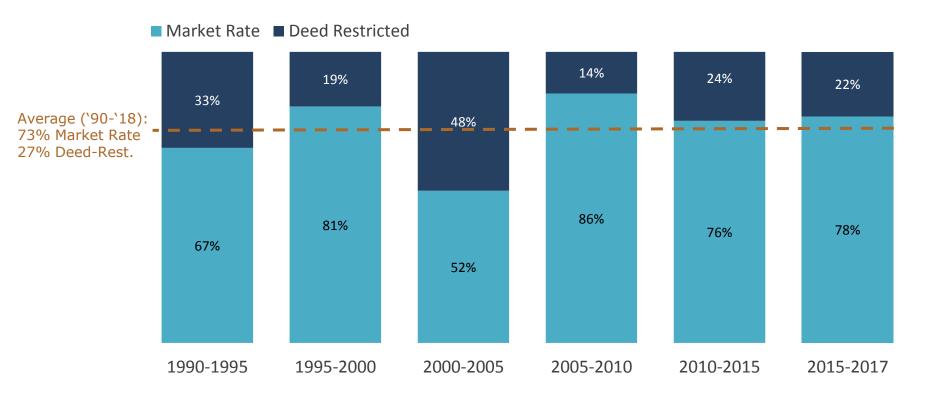
HOUSING CONSTRUCTION

DEED RESTRICTED AND MARKET RATE, SAN MIGUEL COUNTY



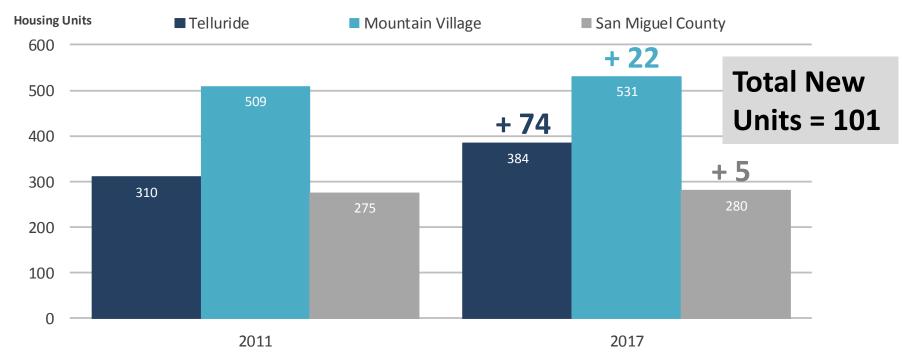
HOUSING CONSTRUCTION % OF TOTAL

DEED RESTRICTED AND MARKET RATE, SAN MIGUEL COUNTY



DEED-RESTRICTED HOUSING INVENTORY

SAN MIGUEL COUNTY, 2011-2017



Source: SMRHA; Rees Consulting; Economic & Planning Systems

DEED-RESTRICTED RENTAL VACANCIES

MAJOR APARTMENT COMPLEXES

Description	Total Units	Vacant	Percent
Telluride Creekside Shandoka	26 134	0 1	0.0% 0.7%
Virginia Placer Boarding House [1] Subtotal	21 <u>46</u> 227	0 <u>2</u> 3	0.0% <u>4.0%</u> 1.3%
Mountain Village Big Billies Hotel Madeline Mountain View Apts Village Court Apts Subtotal	147 10 30 <u>222</u> 409	13 0 0 0 <u>0</u> 13	8.8% 0.0% 0.0% <u>0.0%</u> 3.2%
Total	636	16	2.5%

Shandoka unit being remodeled

- Boarding House recently opened in June 2018
 - Over two months, has nearly reached full occupany
- Big Billies has 13 studio units available

Source: SMRHA; Economic & Planning Systems

^[1] Represents 18 single units and 14-double occupancy rooms

HOUSING COST SUMMARY

SAN MIGUEL COUNTY HOUSING NEEDS ASSESSMENT

FOR-SALE HOUSING TRENDS

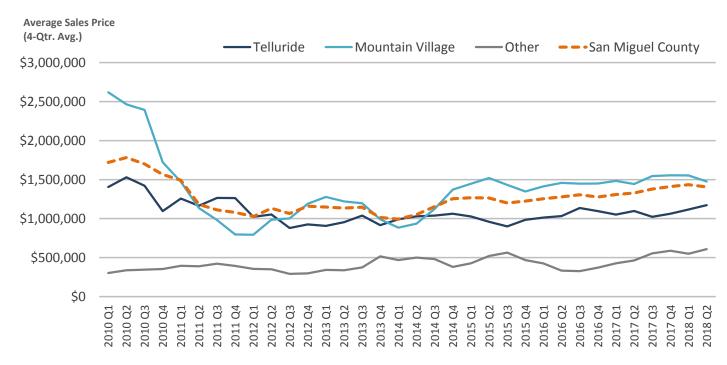
SALES VOLUME, SAN MIGUEL COUNTY



Source: FlexMLS; Economic & Planning Systems

FOR-SALE HOUSING TRENDS

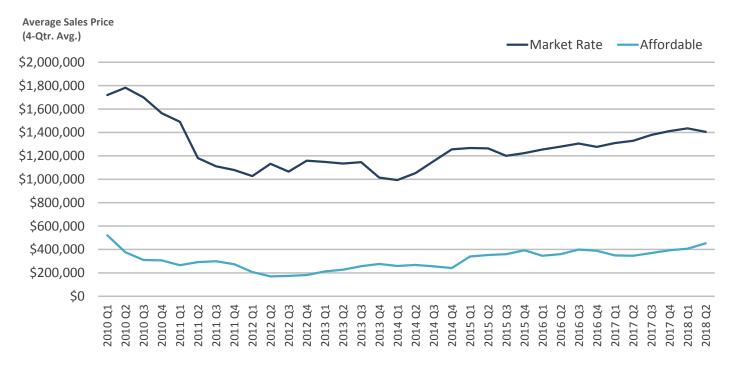
MARKET RATE - AVERAGE SALES PRICE (4-QTR. AVERAGE)



Source: FlexMLS; Economic & Planning Systems

FOR-SALE HOUSING TRENDS

MARKET AND DEED RESTRICTED AVERAGE PRICE - SAN MIGUEL COUNTY



Source: FlexMLS; Economic & Planning Systems

DEED-RESTRICTED SALES

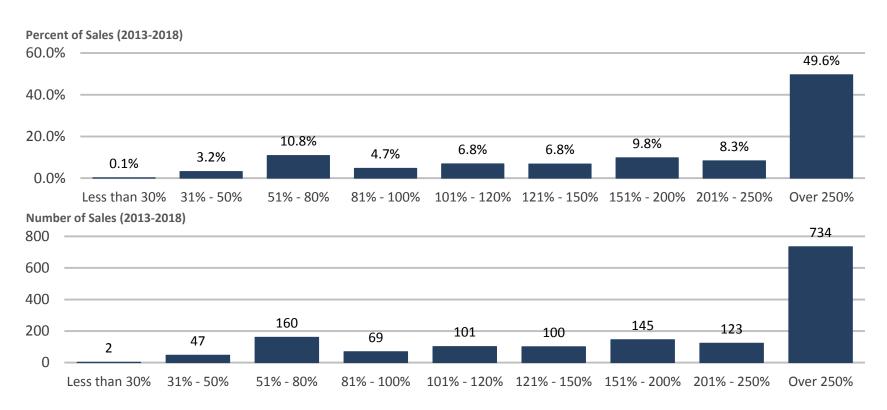
3-YEAR AVERAGE, 2015-2017



Source: SMRAH 2017 Annual Report; Economic & Planning Systems

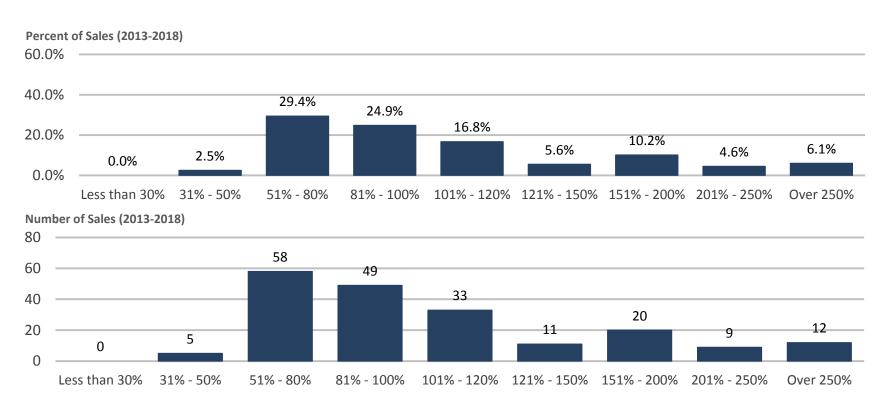
FOR-SALE HOUSING TRENDS - MARKET RATE

SALES DISTRIBUTION BY AMI (2013-2018) - SAN MIGUEL COUNTY



FOR-SALE HOUSING TRENDS - DEED RESTRICTED

SALES DISTRIBUTION BY AMI (2013-2018) - SAN MIGUEL COUNTY



RENTAL RATES

2018 RENTS BY PROJECT

		Tellu	Mountain Village			
Unit Type	Creekside	Shandoka	Virgina Placer	Boarding House	Big Billies	Village Court
Studio	-	-	\$850	-	\$688	\$680
1 Bedroom	\$645 - 985	\$838 - 872	-	-	-	\$845
2 Bedroom	\$725 - 1,349	\$1,115 - 1,150	\$1,400 - 1,430	-	-	\$1,040
3 Bedroom	-	\$1,435 - 1,541	-	-	-	\$1,215
4 Bedroom	-	\$1,616 - 1,648	-	-	-	-
Single Room	-	-	-	\$450	-	-
Double Room	-	-	-	\$385	-	-
Tiny Home	-	-	\$700	-	-	-

Source: SMRHA; Economic & Planning Systems

RENTAL RATES - PRIVATELY HELD PROPERTIES

UNITS LISTED ON CRAIGSLIST AND ZILLOW

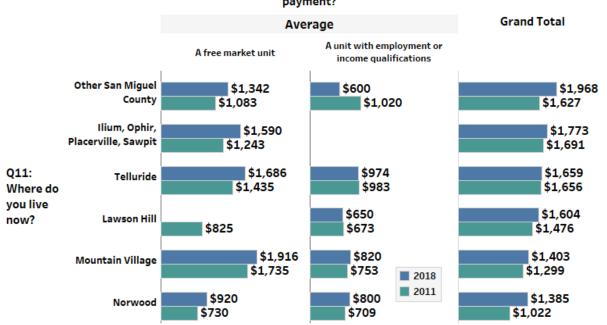
Description	Sample Size	Size (SF)	Price per Month	Price per SF	Rent per Bed
Telluride					
1-Bed	7	694	\$1,832	\$2.52	\$1,832
2-Bed	2	778	\$2,738	\$3.59	\$1,369
3-Bed	1	2,500	\$2,800	\$1.12	\$933
4-Bed	2	2,506	\$4,448	\$1.84	\$1,112
Average		1,203	\$2,500	\$2.46	\$1,560
Subtotal	12				
Outside Telluride					
1-Bed	1	500	\$850	\$1.70	\$850
2-Bed	2	975	\$825	\$0.88	\$413
3-Bed	2	1,200	\$1,038	\$0.88	\$346
4-Bed	2	2,485	\$1,900	\$0.69	\$475
Average		1,644	\$1,484	\$0.99	\$488
Subtotal	7				
Overall Average		1,375	\$2,160	\$1.89	\$1,119
Total	19				

Source: Craigslist; Zillow; Economic & Planning Systems

RENTAL RATES – SURVEY RESULTS

MARKET RATE AND DEED RESTRICTED

Q39: What is your household's current total rent payment?



SAN MIGUEL COUNTY HOUSING NEEDS ASSESSMENT

OVERVIEW AND MAJOR FINDINGS

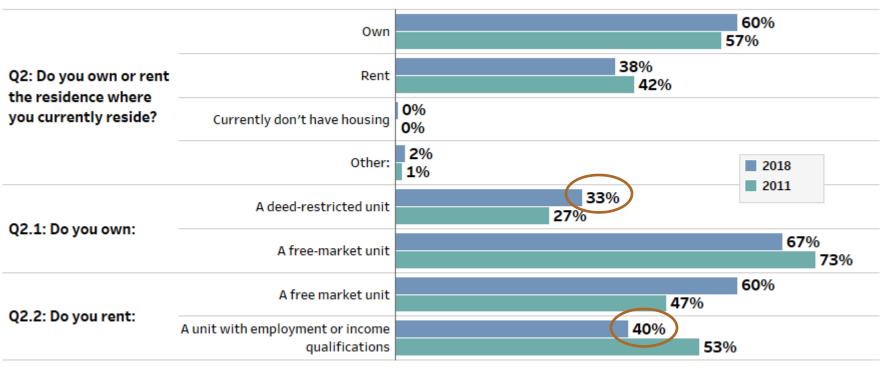
Survey Overview:

3,850 surveys distributed, 806 responses received, 21% response rate

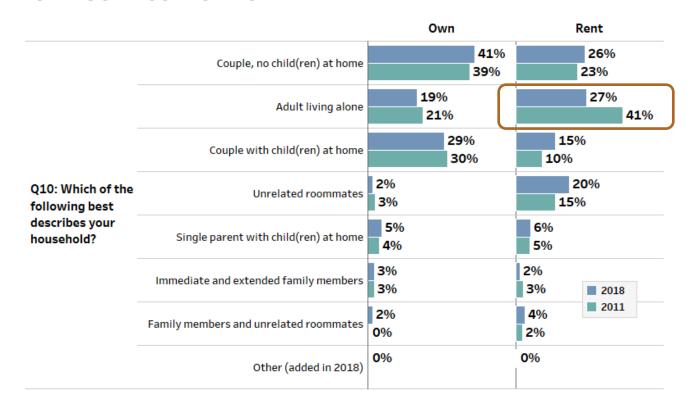
Major Findings (Change since 2011):

- Household incomes have increased median of \$50,000 to \$80,000
- Average wage growth 1.9 percent per year
- Number of jobs per employee have increased 1.3 to 1.5
- Average household sizes have increased 2.1 to 2.4
- There are fewer adults that are living alone 41% to 27% in rental housing
- These factors have resulted in significant pressure on the existing housing stock

OWN/RENT - 2018 COMPARED TO 2011

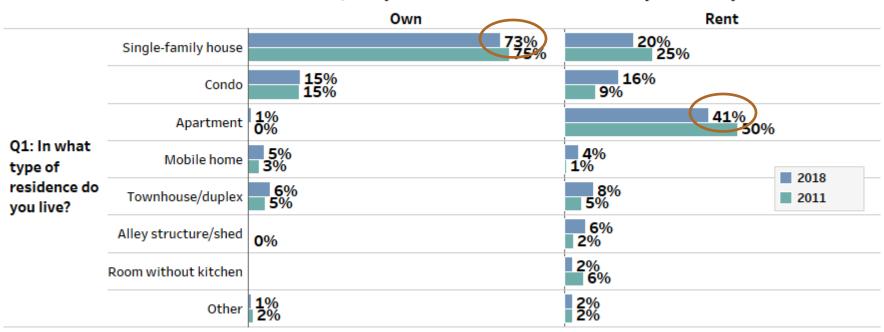


HOUSEHOLD COMPOSITION: OWN AND RENT

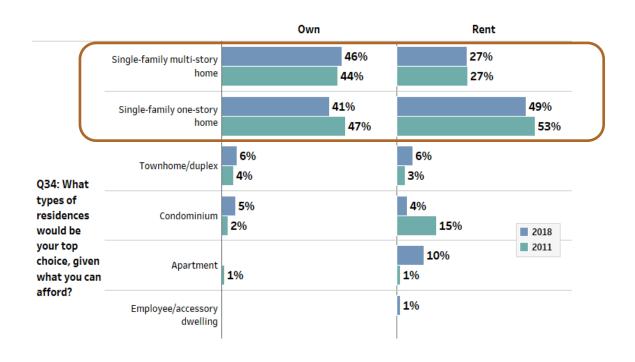


RESIDENCE TYPE BY OWNERS AND RENTERS (2018 - COMPARED TO 2011)

Q2: Do you own or rent the residence where you currently reside?



PREFERRED HOME TYPE

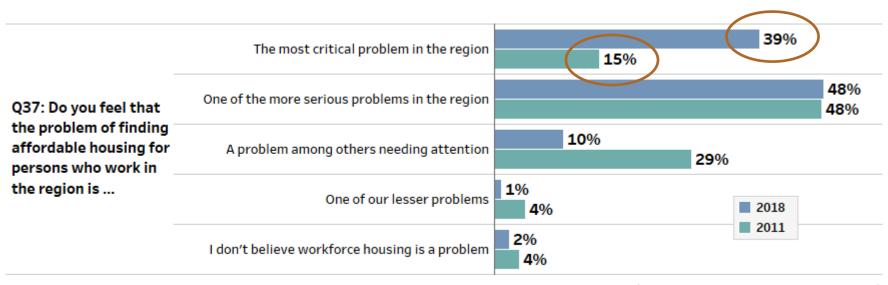


WILLINGNESS TO PAY TO OWN

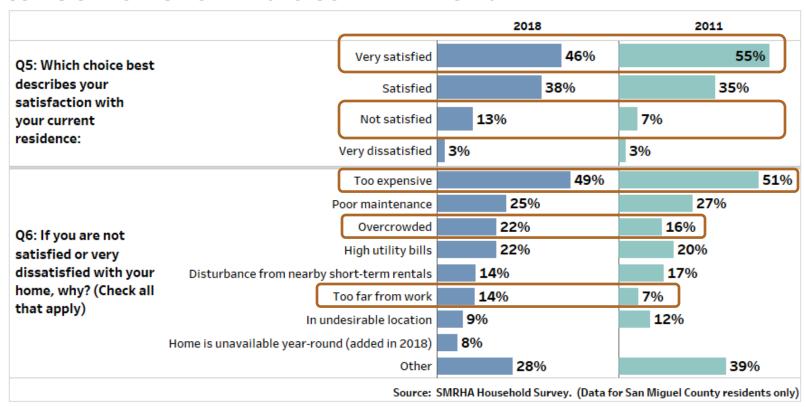
Ownership Households	Renter Households	All Households
3%	1%	2%
0%	9%	5%
22%	32%	29%
28%	23%	25%
17%	15%	16%
30%	21%	23%
100%	100%	100%
\$395,251	\$366,340	\$372,435
\$366,816	\$300,000	\$350,000
	3% 0% 22% 28% 17% 30% 100%	Households Households 3% 1% 0% 9% 22% 32% 28% 23% 17% 15% 30% 21% 100% 100% \$395,251 \$366,340

Source: SMRHA Household Survey; RRC; Economic & Planning Systems

HOUSING ISSUE - 2018 COMPARED TO 2011



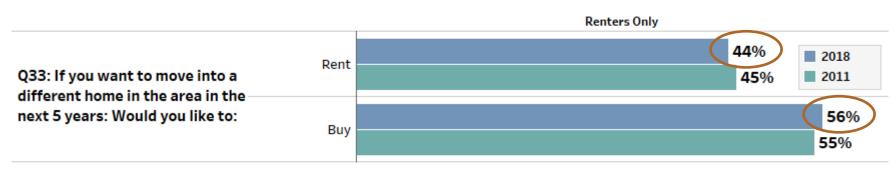
HOUSING SATISFACTION - 2018 COMPARED TO 2011



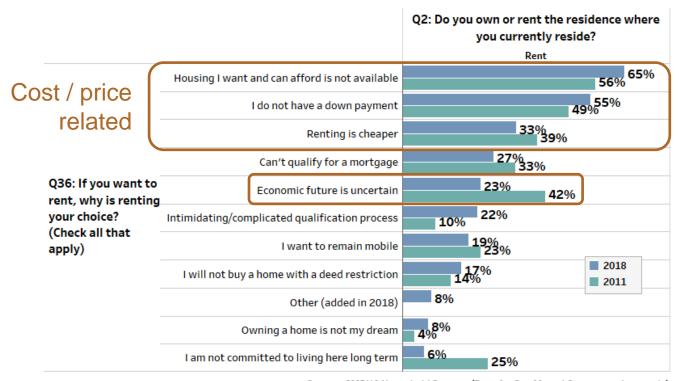
LIKELIHOOD TO MOVE - 2018 COMPARED TO 2011



IF MOVE, WOULD YOU LIKE TO RENT OR BUY - 2018 COMPARED TO 2011



IF WANT TO RENT, WHY (CHECK ALL THAT APPLY) - 2018 COMPARED TO 2011



WHERE LIVE NOW BY HOUSING LOCATION PREFERENCE - 2018

Q11: Where do you live now?

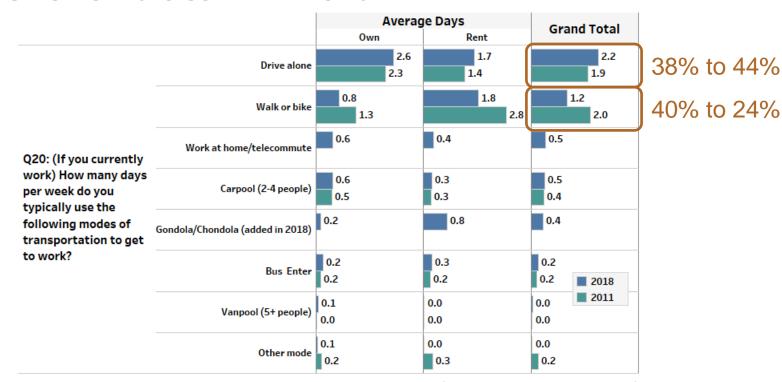
			Telluride	Mountain Village	Lawson Hill	Ilium, Ophir, Placerville, Sawpit	Norwood	Other San Miguel County
		Telluride	95%	41%	30%	33%	12%	30%
Q11: Where in the region would you most like to live if you could afford the cost of housing?	Moun	tain Village	1%	45%	5%		1%	4 96
	Lawson Hill		1%		50%		2%	3%
	llium, Ophir, Placerville, Sawpit	0 %	5 96		61%	4%	196	
		Norwood		2 96		5%	67%	2%
	Other San Miguel County Ridgway	1%		5 96		4%	29%	
		0 %	2 %			3%	5%	
		Montrose					6%	2%
	Rico Ouray			496				
							1%	
		Other	2%	2%	10%	3%	1%	25%

SAN MIGUEL COUNTY HOUSING NEEDS ASSESSMENT

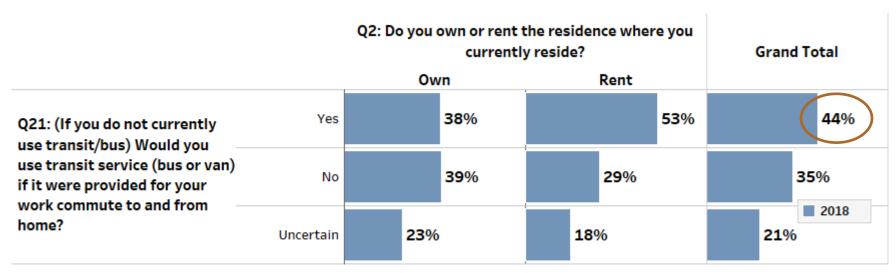
OF EMPLOYEES BY HOME LOCATION

Place of residence of employee:	Total Employees	% of Total
San Miguel County		
Telluride / Mountain Village / Laws	1,592	47.6%
Ophir / Ilium / Placerville / Sawpit	261	7.8%
Norwood	477	14.3%
Egnar / Slick Rock	<u>33</u>	<u>1.0%</u>
Subtotal	2,363	70.7%
Outisde San Miguel County		
Rico / Dolores / Cortez	141	4.2%
Ridgway/Ouray/Montrose	647	19.4%
Nucla / Naturita / Redvale / Bedro	98	2.9%
Elsewhere in region	<u>94</u>	<u>2.8%</u>
Subtotal	980	29.3%
Total Employees	3,343	100.0%
Total In-Commuters	980	29.3%

COMMUTING MODES- 2018 COMPARED TO 2011



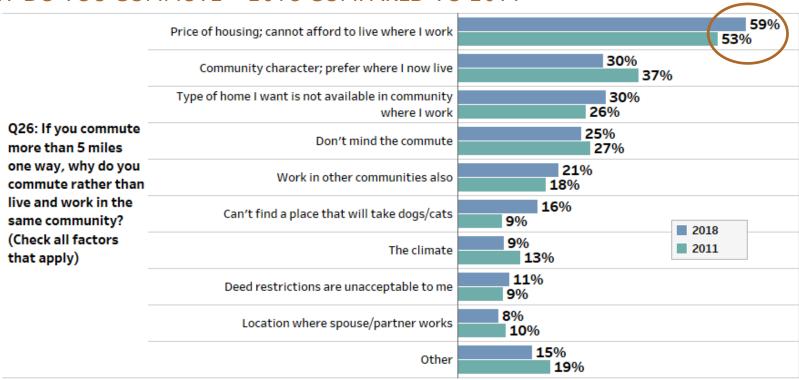
WOULD YOU USE TRANSIT SERVICE- 2018



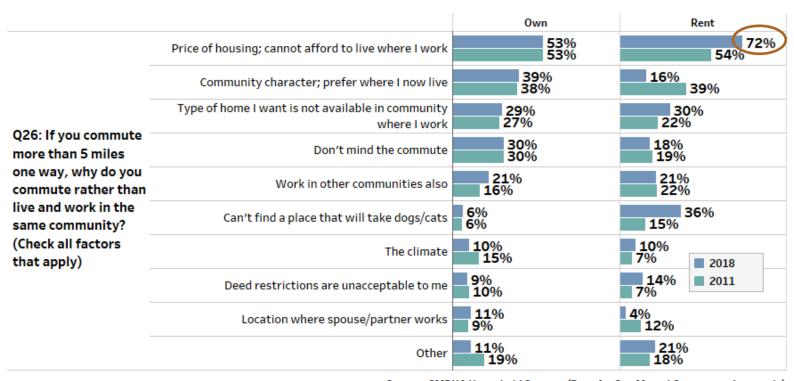
AVERAGE COMMUTE DISTANCE- 2018 COMPARED TO 2011



WHY DO YOU COMMUTE - 2018 COMPARED TO 2011

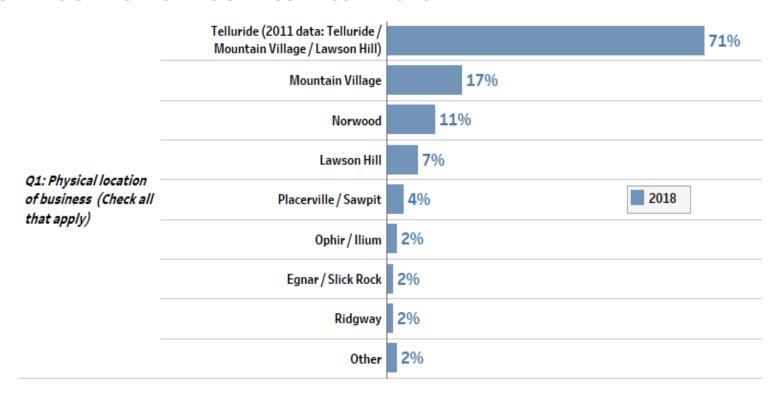


WHY DO YOU COMMUTE BY OWN/RENT- 2018 COMPARED TO 2011

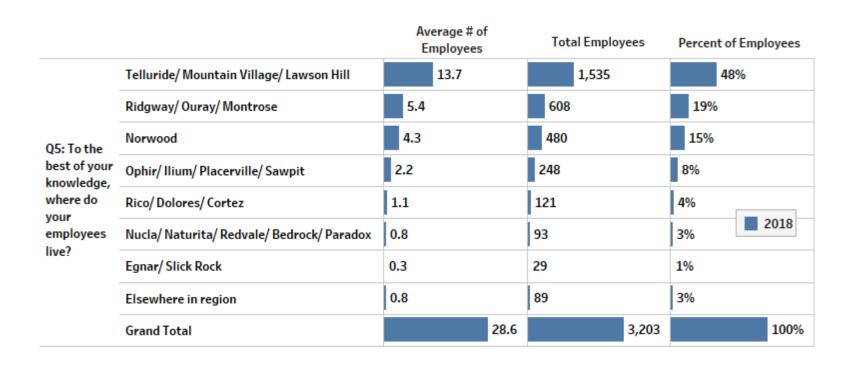


SAN MIGUEL COUNTY HOUSING NEEDS ASSESSMENT

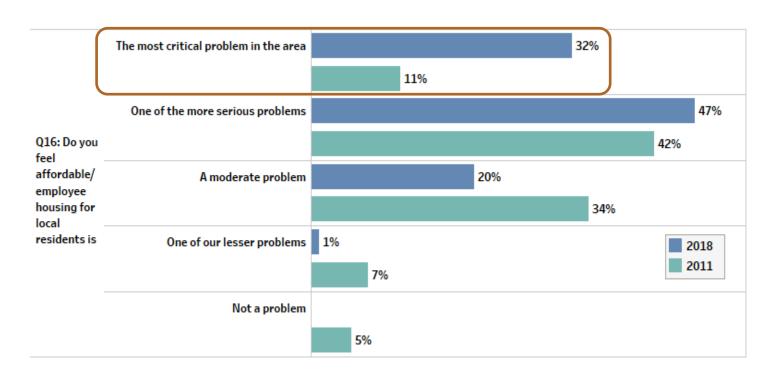
PHYSICAL LOCATION OF YOUR BUSINESS - 2018



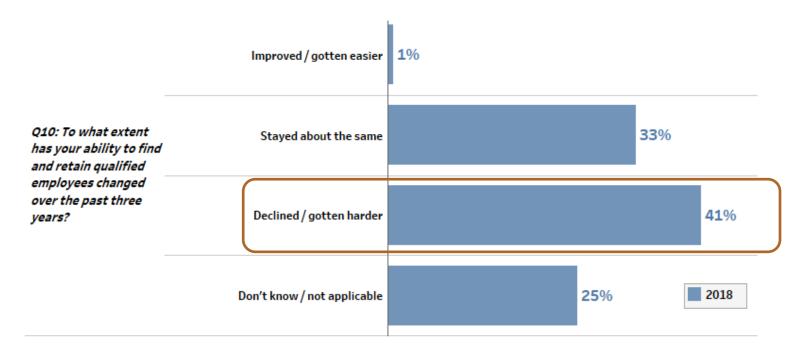
WHERE DO YOUR EMPLOYEES LIVE - 2018



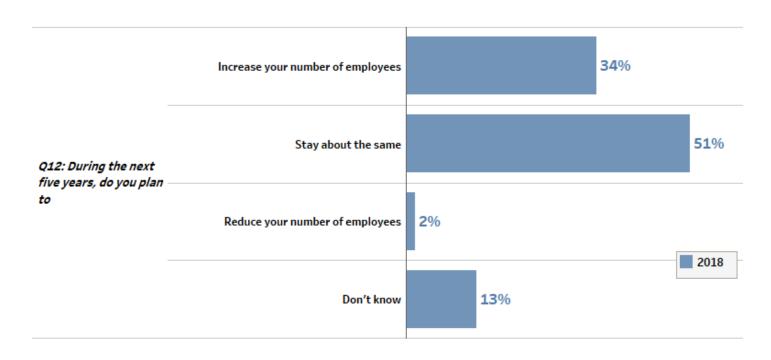
EXTENT OF THE HOUSING PROBLEM - 2018 COMPARED TO 2011



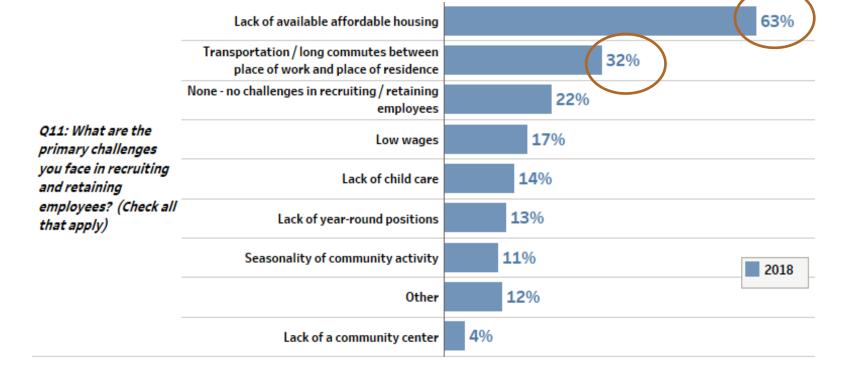
PRIMARY CHALLENGES FOR RECRUITING



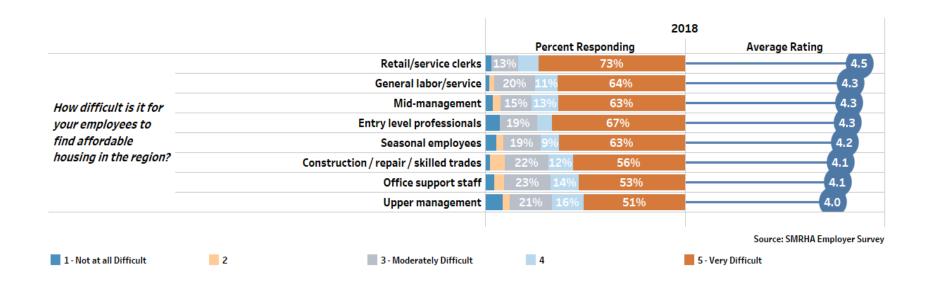
PLANS FOR NEXT 5 YEARS IN TERMS OF EMPLOYEE NUMBERS - 2018



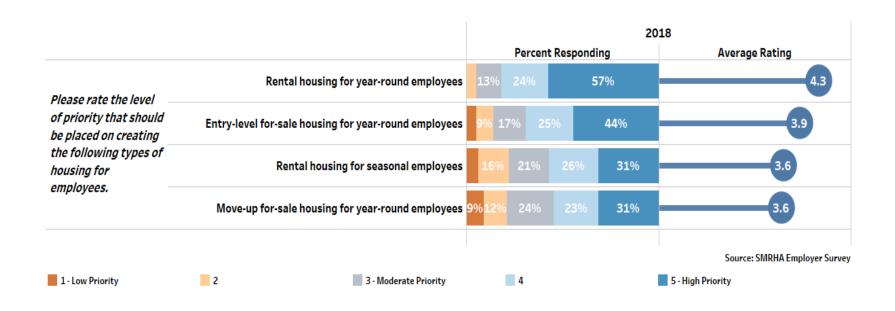
HOUSING AVAILABILITY RELATED TO WORKFORCE PERFORMANCE - 2018



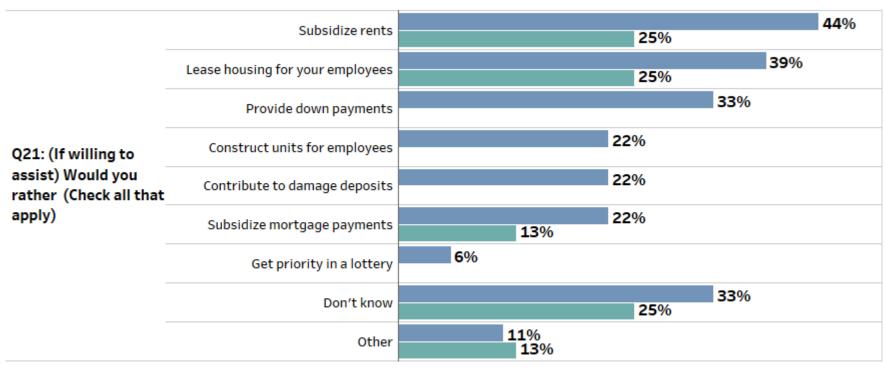
DIFFICULTY FINDING HOUSING FOR DIFFERENT CATEGORIES OF EMPLOYEES



PRIORITIES FOR HOUSING EMPLOYEES IN DIFFERENT CATEGORIES - 2018



IF WILLING TO ASSIST WITH HOUSING WOULD YOU RATHER - 2018 TO 2011



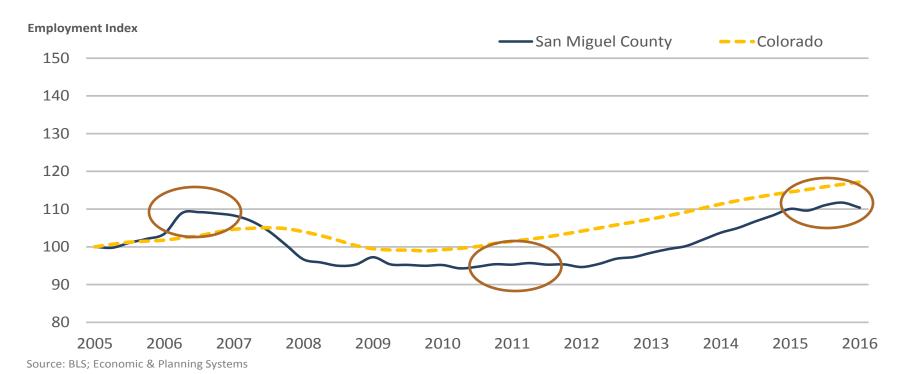
Source: SMRHA Employer Survey. (Data for San Miguel County employers only)

WHAT HAS CHANGED SINCE 2011?

SAN MIGUEL COUNTY HOUSING NEEDS ASSESSMENT

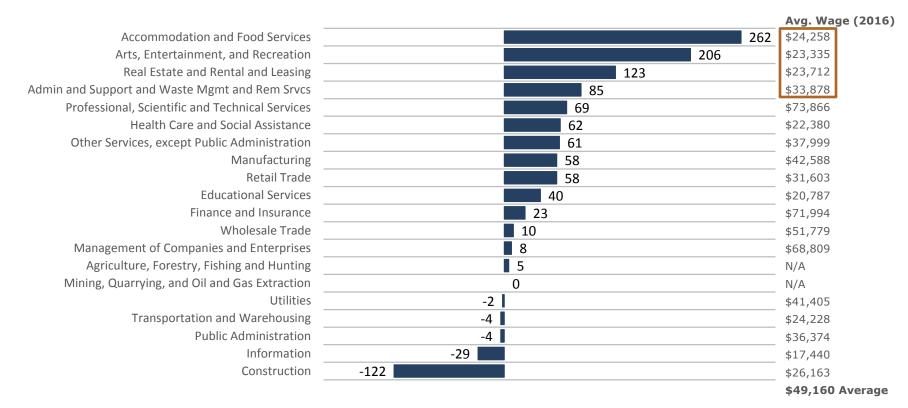
TOTAL EMPLOYMENT INDEX

SAN MIGUEL COUNTY, 2005-2018



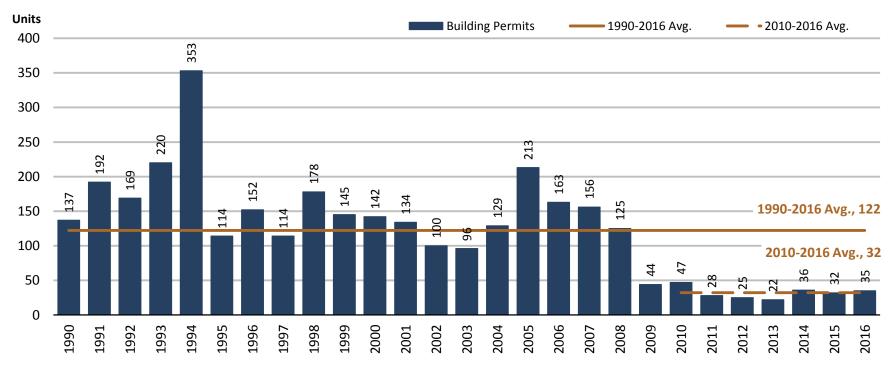
CHANGE IN EMPLOYMENT

SAN MIGUEL COUNTY, 2011 – 2016



RESIDENTIAL CONSTRUCTION ACTIVITY

SAN MIGUEL COUNTY, 1990-2016 (U.S. CENSUS)



Source: U.S. Census Bureau; Economic & Planning Systems

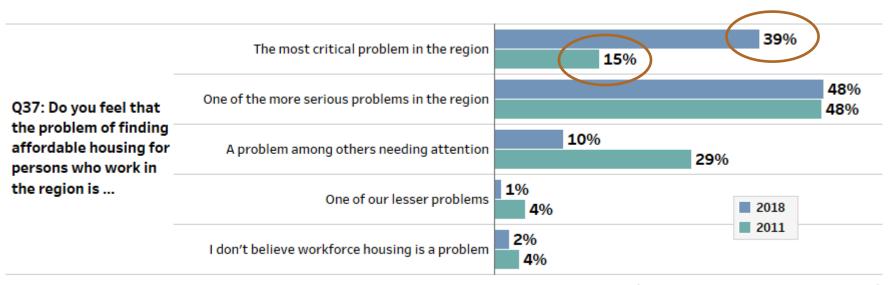
HOUSING CONSTRUCTION

DEED RESTRICTED AND MARKET RATE, SAN MIGUEL COUNTY



HOUSEHOLD SURVEY

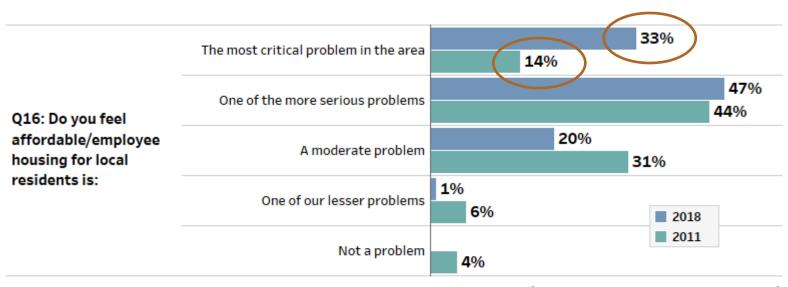
HOUSING ISSUE - 2018 COMPARED TO 2011



Source: SMRHA Household Survey. (Data for San Miguel County residents only)

EMPLOYER SURVEY

EXTENT OF THE HOUSING PROBLEM - 2018 COMPARED TO 2011



Source: SMRHA Employer Survey. (Data for San Miguel County employers only)

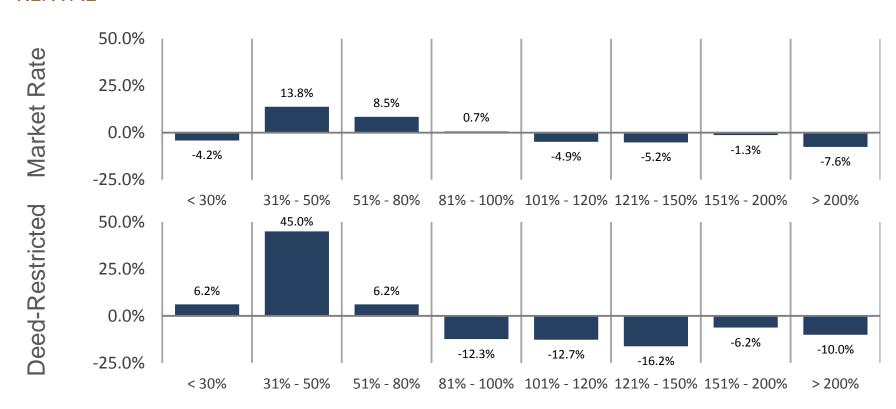
HOUSING GAPS

OWNERSHIP



HOUSING GAPS

RENTAL



EXISTING HOUSING NEED ("CATCH-UP")

NEED BASED ON UNFILLED JOBS

Unfilled Jobs

- Total unfilled jobs = 150
- Additional employees needed = 100 (1.5 jobs per employee)
- Additional housing units needed = 64 (1.56 employees per household)

EXISTING HOUSING NEED ("CATCH-UP")

NEED BASED IN-COMMUTERS

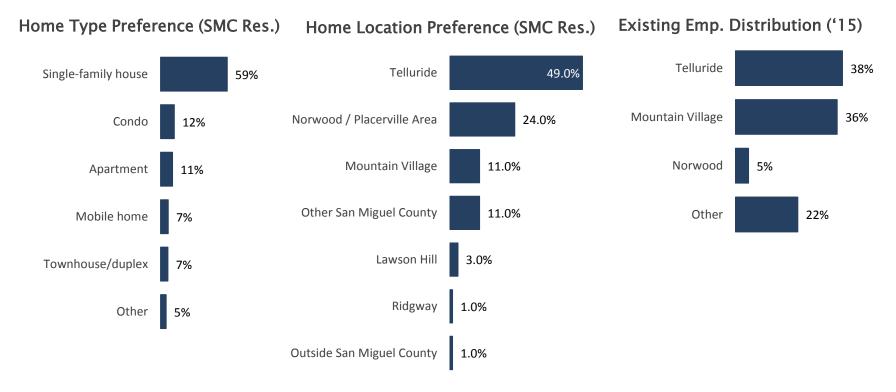
In-Commuters

- Total in-commuters = 980 (from outside SMC)
- Number that want to move = 588 (60% of total in-commuters)
- Additional housing units needed = 377 (1.56 employees per household)

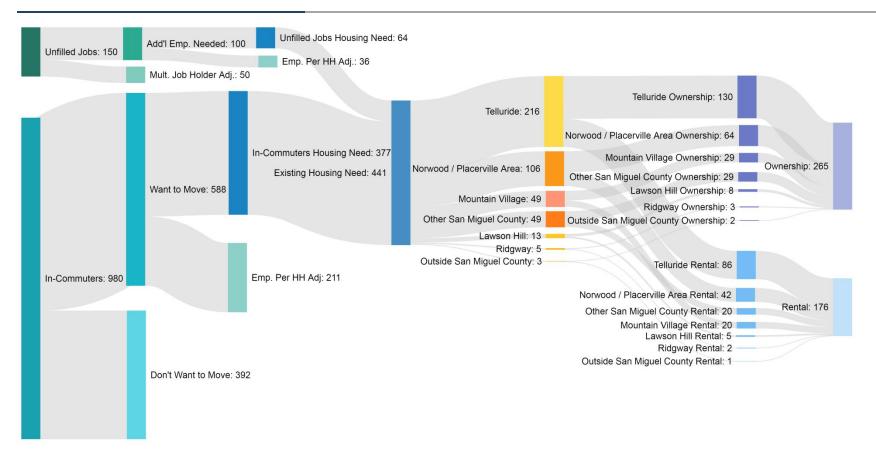
TOTAL = 64 + 377 = 441 Catch Up Housing Units

HOUSING NEED DISTRIBUTION

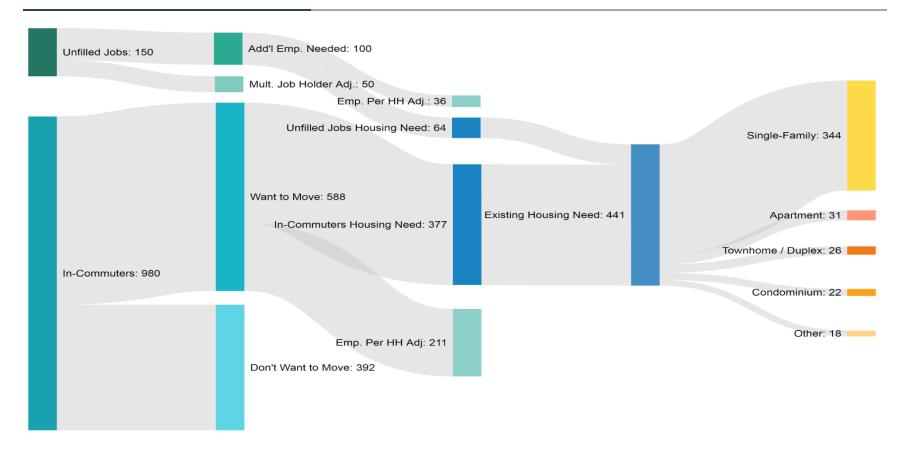
BY PREFERRED TYPE, PREFERRED LOCATION, AND EXISTING EMP. DIST.



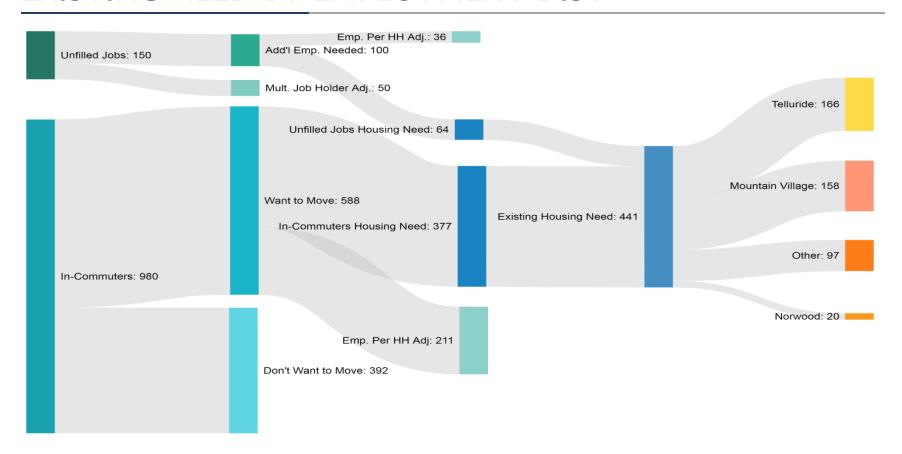
EXISTING NEED BY LOCATION PREF. AND TENURE



EXISTING NEED BY TYPE



EXISTING NEED BY EMPLOYMENT DIST.



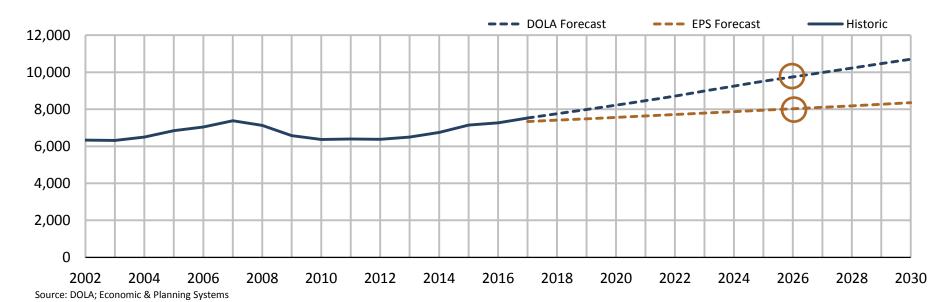
WHAT DOES THE FUTURE LOOK LIKE?

SAN MIGUEL COUNTY HOUSING NEEDS ASSESSMENT

EMPLOYMENT FORECAST

SAN MIGUEL COUNTY, 2016–2030 (EPS/DOLA)

- DOLA Forecast 2.7% per year, 2026 Emp. = 9,747
- EPS Forecast 1.0% per year, 2026 Emp. = 8,026



EMPLOYMENT AND HOUSING DEMAND FORECAST

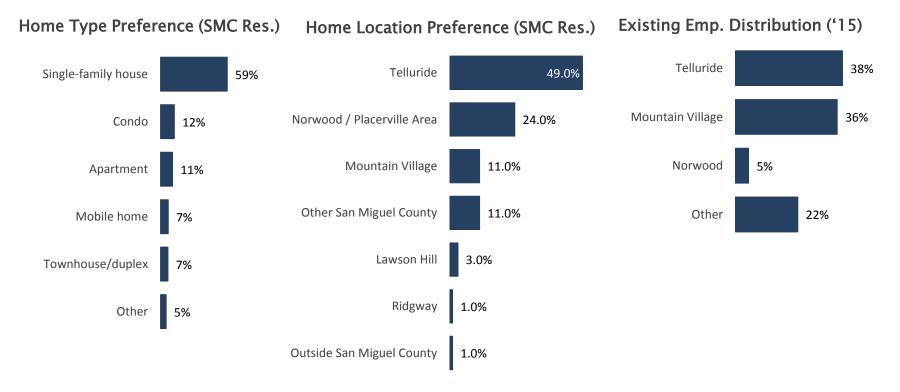
SAN MIGUEL COUNTY, 2016 - 2026

Jobs to Housing Demand (Keep - Up)

- Forecasts 1.0% per year (EPS Forecast)
- Total Jobs 760 new jobs added (2016-2026)
- Additional Employees 507 new employees (1.5 jobs per employee)
- Additional Housing Units demand for 325 new housing units (1.56) employees per household)
- High Employment Growth Scenario With an annual growth rate of 2.7% per year, the future housing units needed increases from 325 to 948 units.

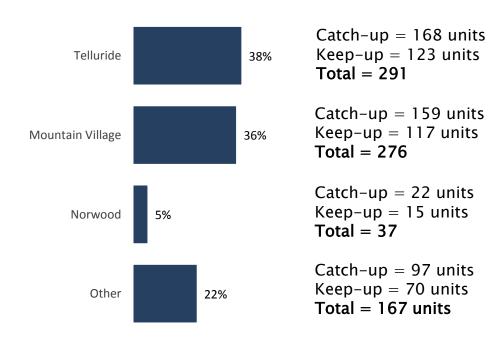
HOUSING NEED DISTRIBUTION

BY PREFERRED TYPE, PREFERRED LOCATION, AND EXISTING EMP. DIST.



HOUSING NEED DISTRIBUTION

EMPLOYMENT DISTRIBUTION: HOUSING NEED BY AREA



KEY FINDINGS AND RECOMMENDATIONS

- 1. The Telluride Region is expected to continue its economic growth
 - 2010 to 2016 900 new jobs, 150 jobs per year
- 2. Growth in the County has been substantial, continuing to put pressure on the housing market
 - 2010 to 2016 107 people per year
 - Average market rate home in San Miguel = \$1.5 million
 - Market rate rental rates range from \$1,600/month to \$2,500/month
 - Higher number of jobs per person
 - Higher commuting levels (19% in 2000, 24% in 2004, 15% in 2011, and 30% in 2018)
- 3. Following the Great Recession, there was a significant decline in building activity throughout the County
 - 1990 to 2016 average of 122 units per year
 - 2010 to 2016 32 units per year

KEY FINDINGS AND RECOMMENDATIONS

4. The community-wide perception of the housing issue has risen to a new high

- 39% of residents believe housing is a critical issue in the region
- In 2011, only 15% of residents believed housing was the most critical issue
- An increase of about 2.5 times for employers and residents in terms of viewing housing as the most critical problem facing the community

5. The rental housing supply is particularly strained

Historically low vacancy rates for all property types

6. There is greater concern among employers regarding the lack of available housing

Employers reported 150 jobs that went unfilled, largely attributed to the lack of available housing

KEY FINDINGS AND RECOMMENDATIONS

- 7. The community has been successful at creating a strong stock of affordable housing
 - Clear indication of historic investments in properties, both rental and ownership, geared to lower income households
- 8. There is a need for housing that is based on existing demand and future demand
 - Existing ("catch-up") need for 441 units
 - Future ("keep-up") need for 325 units (2016–2026)
 - Future "keep up" need could be as high as 948, depending on growth rate

KEY FINDINGS AND RECOMMENDATIONS

- 9. Next step is to build on this study and develop affordable housing strategies
 - Recognize the expected mitigation requirements
 - Look to existing plans in place
 - Account for housing gains and losses
 - Evaluate locational options
 - Address tenure, absorption, timing, and ways to close financial gaps