



MARTIN ECONOMICS

UNCOMPAHGRE ECONOMICS WORKSHOP

UNCOMPAHGRE FIELD OFFICE

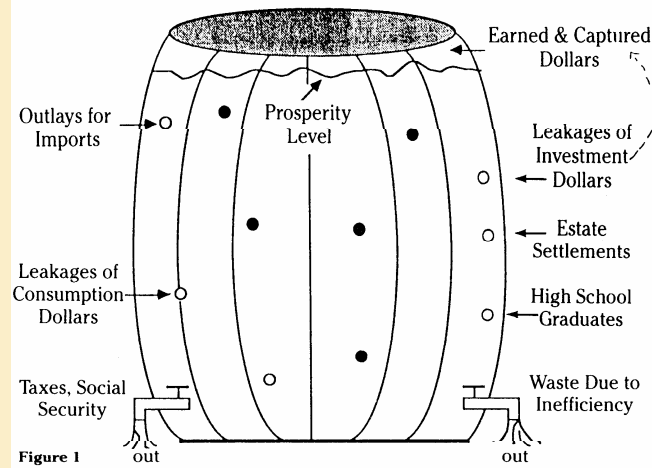


OVERVIEW OF PRESENTATION

- ✘ 1. Model of Local Economy
- ✘ 2. People
- ✘ 3. Jobs
- ✘ 4. Income
- ✘ 5. Households
- ✘ 6. Natural Resources
- ✘ 7. Key Points
- ✘ 8. BLM Contributions & Recreation Possibilities
- ✘ 9. Community Aspects

A SIMPLE MODEL OF A LOCAL ECONOMY

Static Rain Barrel Model



POPULATION

Study Area Population Totals (1980-2008)

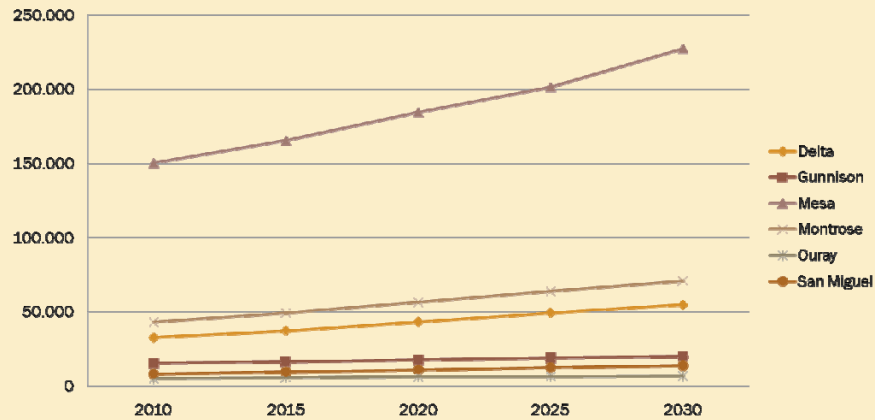
Location	1980	1990	1980-1990 Percent Change	2000	1990-2000 Percent Change	2008 *	2000- 2008* Percent Change	1980- 2008* Percent Change
Delta	21,225	20,980	-1.2%	27,834	32.7%	32,600	13.5%	48.9%
Gunnison	10,689	10,273	-3.9%	13,956	35.9%	15,259	9.3%	42.5%
Mesa	81,530	93,145	14.2%	116,255	24.8%	144,440	24.2%	77.2%
Montrose	24,323	24,423	0.3%	33,423	36.9%	41,302	23.5%	69.6%
Ouray	1,925	2,295	19.2%	3,742	63.0%	4,703	25.7%	144.3%
San Miguel	3,192	3,653	14.4%	6,594	80.5%	7,771	17.9%	143.5%
Study Area Total	142,913	154,769	8.3%	201,813	30.4%	245,075	21.4%	71.5%
Colorado	2,889,733	3,294,394	14.0%	4,301,261	30.6%	5,011,390	16.5%	73.4%

Source: Colorado Division of Local Government, Colorado State Demography Office

* 1980,1990, 2000 census data, 2009 population estimates

POPULATION PROJECTIONS

Study Area Population Projections (2010-2030)



Source: Colorado Division of Local Government, State Demography Office 2010

POPULATION DISTRIBUTION BY AGE

Study Area Estimated Age of Population (2008)

Location	19 and under	20-34	35-44	45-64	65-84	85+	Median Age
Delta County	7,898	5,385	3,685	8,691	5,135	801	41.9
Gunnison County	4,079	3,362	2,530	4,052	1,116	120	35.7
Mesa County	38,962	30,543	18,131	36,221	18,088	2,499	36.5
Montrose County	11,436	7,578	5,281	10,618	5,518	868	38.2
Ouray County	1,074	767	590	1,581	636	52	43.7
San Miguel County	1,631	1,523	1,771	2,511	298	30	38.6
Study Area Total	65,080	49,158	31,988	63,674	30,791	4,370	
State	1,399,784	1,051,374	745,292	1,321,080	437,390	56,407	35.8

Source: Colorado Division of Local Government, State Demography Office 2010

POPULATION - RACE/ETHNICITY

Study Area Population by Race/Ethnicity (2008 estimate)

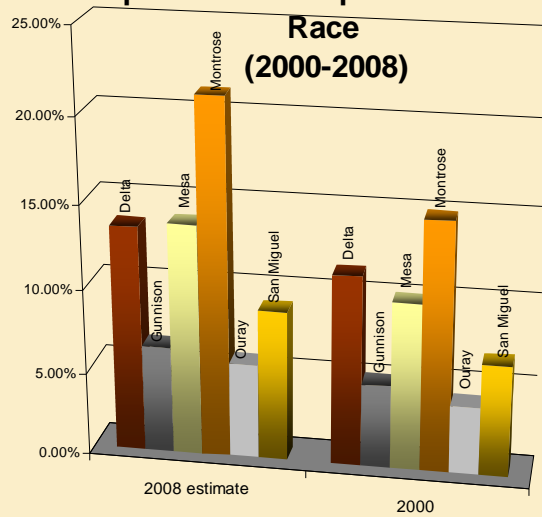
Population	Delta	Gunnison	Mesa	Montrose	Ouray	San Miguel
Hispanic or Latino ethnicity of any race	4229 13.5%	982 6.4%	17,606 13.8%	7,198 21.2%	236 5.7%	685 9.0%
Not Hispanic or Latino, by Race						
White	26,239 83.5%	14,751 90.2%	122,470 79.3%	39,376 79.3%	4,252 91.8%	7,391 88.2%
Black or African American	229 0.7%	148 1.0%	1,591 0.7%	291 0.7%	3 0.1%	21 0.1%
American Indian or Alaskan Native	471 1.5%	216 1.4%	2,044 1.7%	702 1.7%	99 2.1%	100 1.1%
Asian	225 0.7%	152 1.0%	1,410 0.8%	327 0.8%	15 0.3%	121 1.2%
Native Hawaiian and Other Pacific Islander	17 0.1%	5 0.0%	255 0.1%	20 0.0%	2 0.0%	6 0.1%

Source: US Census Bureau 2008, Population Division, 2008 estimate data

Note- The sum of the five race groups adds to more than the total population because individuals may report more than one race.

POPULATION - RACE/ETHNICITY

Percent of Population of Hispanic/Latino Origin of any Race (2000-2008)



Source: Colorado Division of Local Government, State Demography Office 2010

KEY POINTS - #1

- ✘ Montrose and Mesa Counties most diverse.
- ✘ Gunnison and Ouray Counties least diverse.
- ✘ Expect population growth in Mesa, Delta and Montrose Counties.
- ✘ If you want to feel young move to Gunnison County.

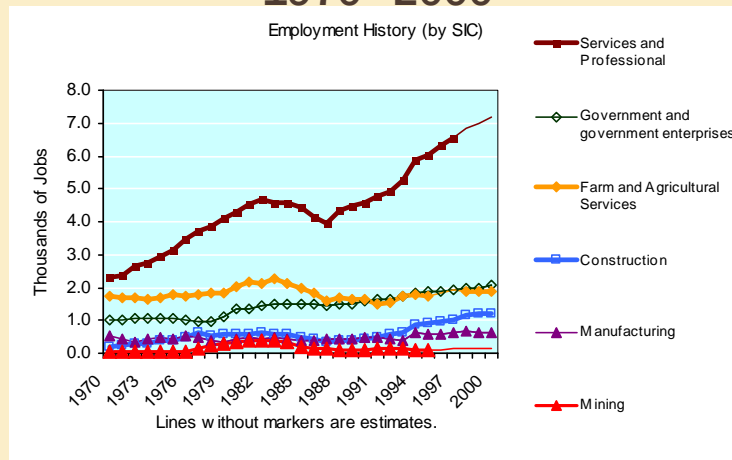
EMPLOYMENT CHARACTERISTICS

Study Area Employment Characteristics (2007)

Industry	Delta	Gunnison	Mesa	Montrose	Ouray	San Miguel
Farm employment	1,408	311	1,998	1,383	87	120
Forestry, fishing, related activities	356	72**	299	386	*	*
Mining	552	784+	3,425	*	*	*
Utilities	72	66	234	226	*	15
Construction	1,566	1,714	9,054	3,298	619	1,469
Manufacturing	828	135	3,743	1,595	60	163
Wholesale trade	356	91	2,768	613	33	49
Retail trade	1,990	1,319	11,006	2,794	291	618
Transportation and warehousing	195	184	3,239	797	*	76
Information	198	130	1,147	280	41	159
Finance and insurance	444	349	3,551	676	97	199
Real estate and rental and leasing	836	1,164	4,717	1,384	302	1,180
Professional, scientific, and technical services	679	676	4,286	1,203	204	544
Management of companies and enterprises	43	15	134	40	*	39
Administrative and waste services	646	458	4,649	992	*	352
Educational services	*	229	608	121	*	121
Health care and social assistance	*	445	9,921	2,062	*	258
Arts, entertainment,	239	919	1,868	428	108	608
Accommodation and food services	846	1,687	6,574	1,431	555	1,131
Other services, except public administration	991	749	4,885	1,572	171	519
Government and government enterprises	2,461	1,847	9,374	3,041	374	839
Total Employment	15,983	13,361	87,453	24,517	3,287	8,674

SOURCE: DOC BEA 2009 NAISC data * Disclosure suppression of data, total employment for counties reflects BEA estimate of this number
 ** Data from 2005, 2007 data suppressed. + Data from 2006, 2007 data suppressed

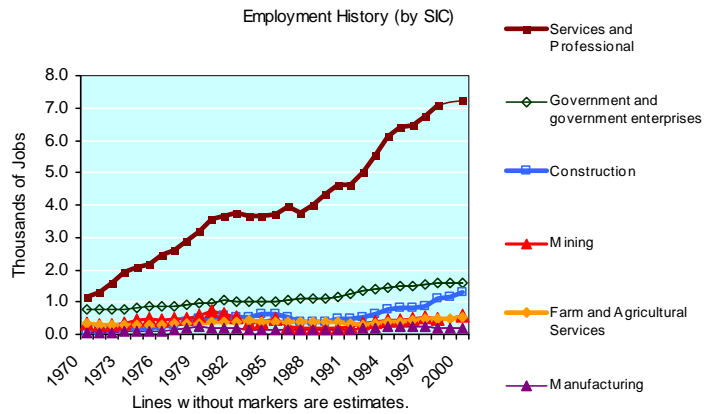
Employment Characteristics Long term trends for Delta County 1970 - 2000



Source: BEA SIC data in Headwaters EPS profile, 2010. Note that BEA switched to a different classification system (NAICS) system in 2001.

Services and Professional includes: Transportation and Public Utilities, Wholesale trade, Retail trade, Finance Insurance and Real Estate, and Services (Health, Legal, Business and Other).

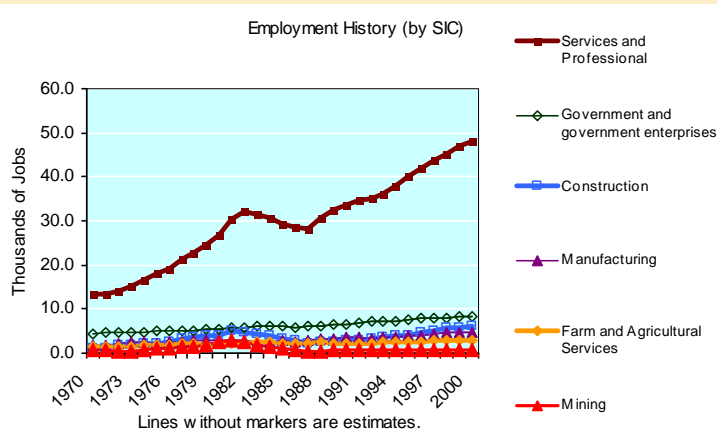
Employment Characteristics Long term trends for Gunnison County 1970 - 2000



Source: BEA SIC data in Headwaters EPS profile, 2010. Note that BEA switched to a different classification system (NAICS) system in 2001.

Services and Professional includes: Transportation and Public Utilities, Wholesale trade, Retail trade, Finance Insurance and Real Estate, and Services (Health, Legal, Business and Other).

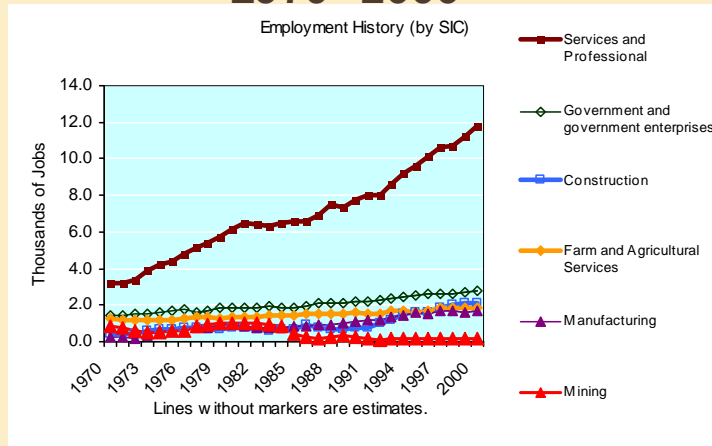
Employment Characteristics Long term trends for Mesa County 1970 - 2000



Source: BEA SIC data in Headwaters EPS profile, 2010. Note that BEA switched to a different classification system (NAICS) system in 2001.

Services and Professional includes: Transportation and Public Utilities, Wholesale trade, Retail trade, Finance Insurance and Real Estate, and Services (Health, Legal, Business and Other).

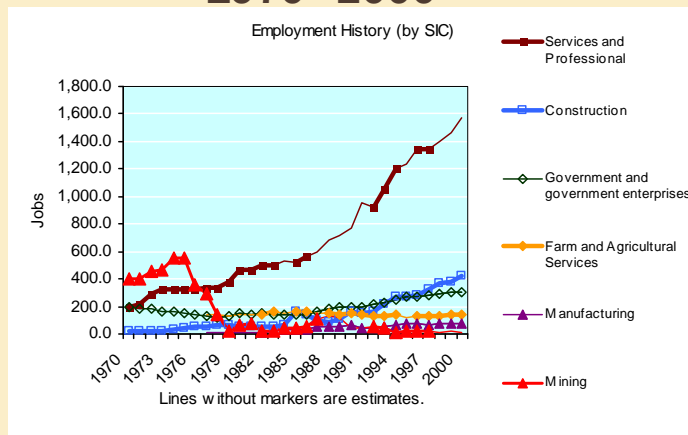
Employment Characteristics Long term trends for Montrose County 1970 - 2000



Source: BEA SIC data in Headwaters EPS profile, 2010. Note that BEA switched to a different classification system (NAICS) system in 2001.

Services and Professional includes: Transportation and Public Utilities, Wholesale trade, Retail trade, Finance Insurance and Real Estate, and Services (Health, Legal, Business and Other).

Employment Characteristics Long term trends for Ouray County 1970 - 2000



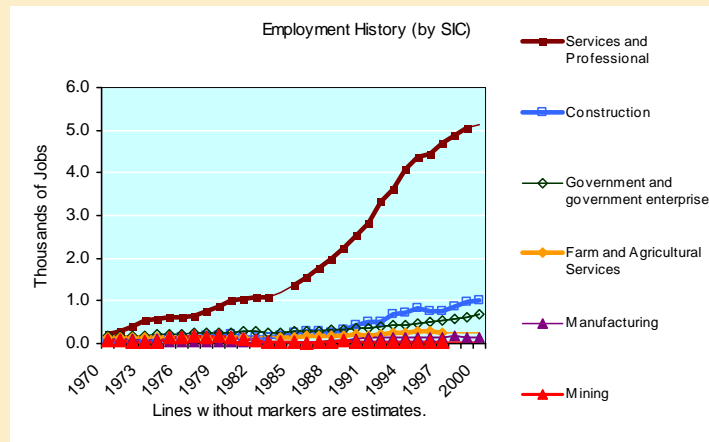
Source: BEA SIC data in Headwaters EPS profile, 2010. Note that BEA switched to a different classification system (NAICS) system in 2001.

Services and Professional includes: Transportation and Public Utilities, Wholesale trade, Retail trade, Finance Insurance and Real Estate, and Services (Health, Legal, Business and Other).

Employment Characteristics

Long term trends for San Miguel County

1970 - 2000



Source: BEA SIC data in Headwaters EPS profile, 2010. Note that BEA switched to a different classification system (NAICS) system in 2001.

Services and Professional includes: Transportation and Public Utilities, Wholesale trade, Retail trade, Finance Insurance and Real Estate, and Services (Health, Legal, Business and Other).

UNEMPLOYMENT

Unemployment Levels by County (1990-2009)

Not seasonally adjusted

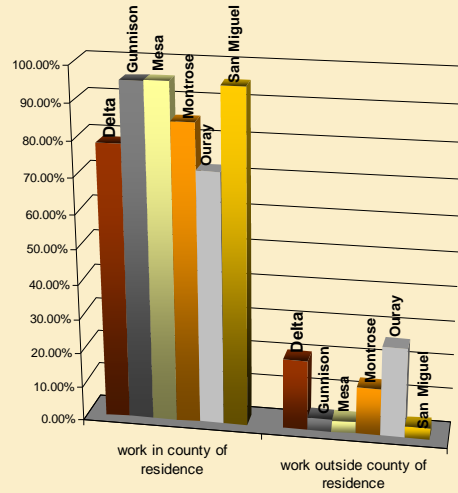
Year	Delta	Gunnison	Mesa	Montrose	Ouray	San Miguel
1990	7.0%	7.3%	5.9%	6.3%	9.7%	5.1%
1995	5.9%	6.1%	5.3%	5.6%	4.9%	4.0%
2000	3.7%	2.7%	3.3%	3.7%	2.6%	3.0%
2005	5.1%	4.0%	5.0%	4.8%	3.5%	4.3%
2006	4.1%	3.2%	4.0%	4.1%	3.2%	3.5%
2007	3.4%	2.9%	3.3%	3.7%	3.0%	3.2%
2008	4.4%	3.6%	3.9%	5.0%	3.7%	4.0%
2009*	6.6%	5.0%	8.1%	8.2%	5.4%	6.1%

Source: Bureau of Labor Statistics 2010

* preliminary data, through November 2009

LOCATION OF WORK TO RESIDENCE

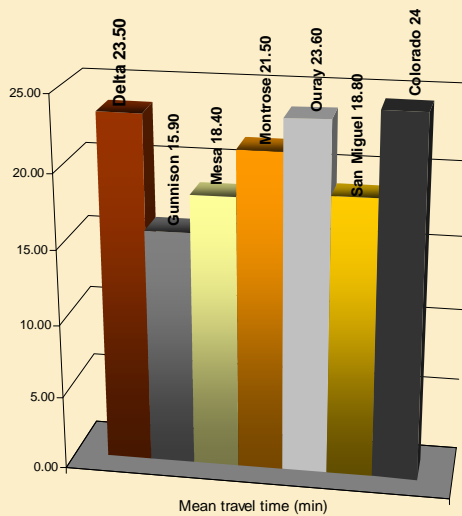
Location of Work Related to Residence-
workers 16 years and over



Source: Colorado Division of Local Government, State Demography Office 2010

COMMUTING TO WORK

Mean Commuting Time



Source: Colorado Division of Local Government, State Demography Office 2010

KEY POINTS - #2

- ✘ Ouray County commutes outside to work and Gunnison County does not.
- ✘ Government and Construction are significant employers.
- ✘ Unemployment has remained lower than the national average.

INCOME

Study Area Labor and Non-Labor Income (2007)

County	Personal Income Total (millions of \$)	Labor income		Non-Labor income (including dividends, interest, rent, personal transfer receipts)	
		Millions of \$	Percent of Personal Income Total	Millions of \$	Percent of Personal Income Total
Delta	821	466	56.8%	355	43.2%
Gunnison	484	310	64.0%	174	36.0%
Mesa	4,503	2,942	65.3%	1,561	34.7%
Montrose	1,146	715	62.4%	430	37.6%
Ouray	183	98	53.7%	85	46.3%
San Miguel	373	232	62.2%	140	37.8%
Study Area Total	7,510	4,763	63.4%	2,746	36.6%
Colorado	199,483	143,723	72.0%	55,761	28.0%

Source: DOC BEA 2009

Percentages do not add to 100% due to adjustments for social security, residence and other factors made by the BEA.

INCOME

Study Area Income Distribution

Income (2008)		Delta County	Gunnison County	Mesa County	Montrose County	Ouray County	San Miguel County
Median Household Income	2008	\$40,994	\$43,621*	\$51,930	\$51,659	\$59,725*	\$61,074*
	2000	\$32,785	\$36,916	\$35,864	\$35,234	\$42,019	\$48,514
Per Capita Income	2008	\$20,813	NA	\$26,580	\$24,298	NA	NA
	2000	\$17,152	\$21,407	\$18,715	\$17,158	\$24,335	\$35,329
Persons Below Poverty Level	2008	11.7%	12.0%*	10.2%	11.1%	7.6%*	8.2%*
	2000	12.1%	15.0%	19.5%	12.6%	7.2%	10.4%
Families Below Poverty Level	2008	9.8%	NA	7.4%	7.8%	NA	NA
	2000	8.5%	6.0%	7.0%	8.9%	6.0%	6.6%

*model estimate

NA= data not available for this county

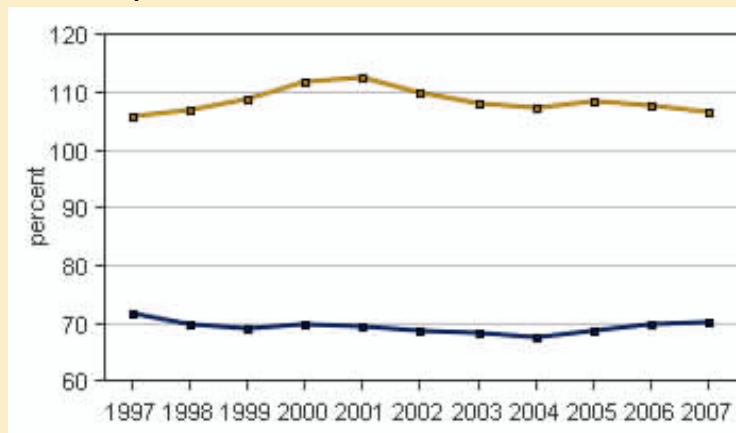
Source: US Census Bureau

Data from 2000 census in 1999 dollars

Data from 2006-2009 estimates in 2008 dollars

PER CAPITA INCOME – DELTA COUNTY

Per Capita Income as a Percent of the United States, 2007

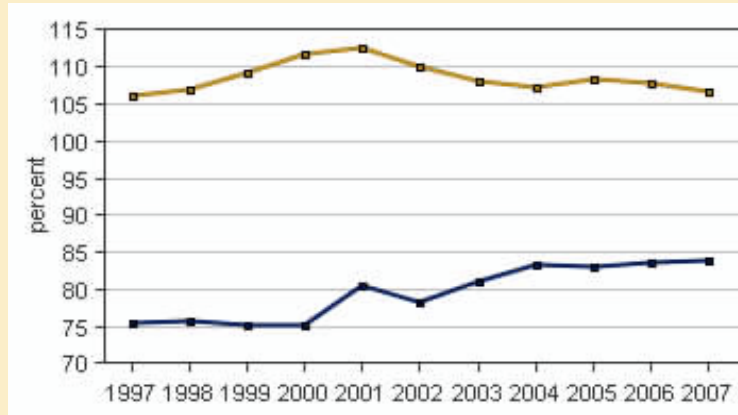


COLORADO

DELTA

PER CAPITA INCOME – GUNNISON COUNTY

Per Capita Income as a Percent of the United States, 2007

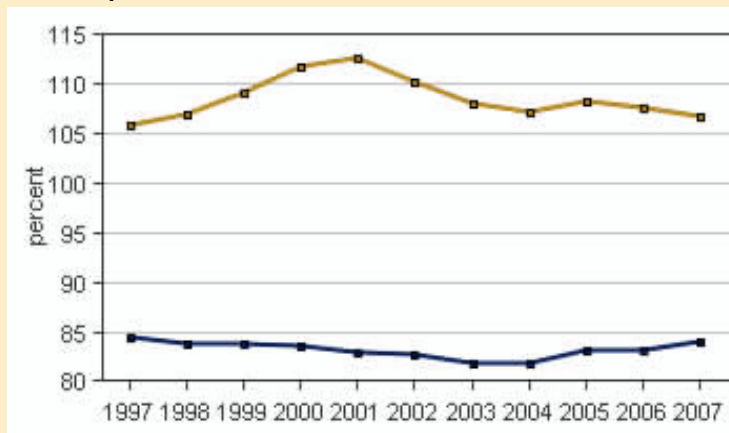


COLORADO

GUNNISON

PER CAPITA INCOME – MESA COUNTY

Per Capita Income as a Percent of the United States, 2007

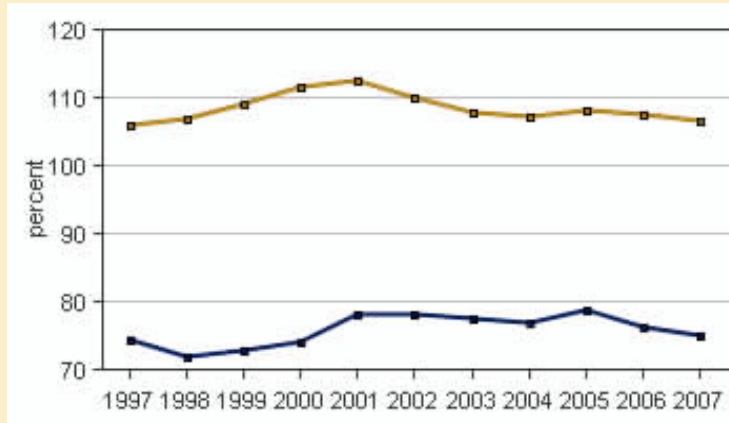


COLORADO

MESA

PER CAPITA INCOME – MONTROSE COUNTY

Per Capita Income as a Percent of the United States, 2007

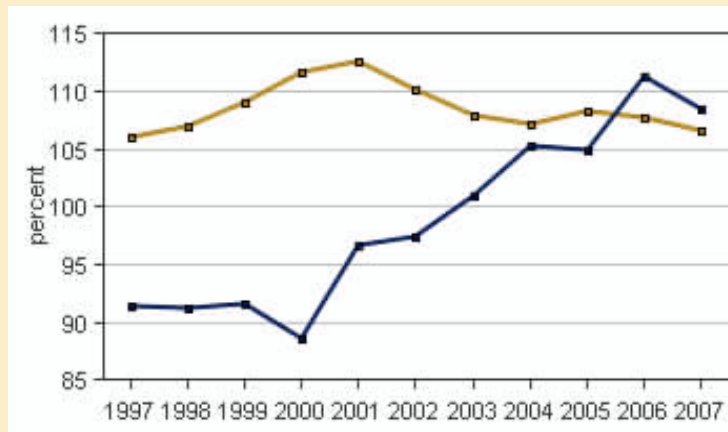


COLORADO

MONTROSE

PER CAPITA INCOME – OURAY COUNTY

Per Capita Income as a Percent of the United States, 2007

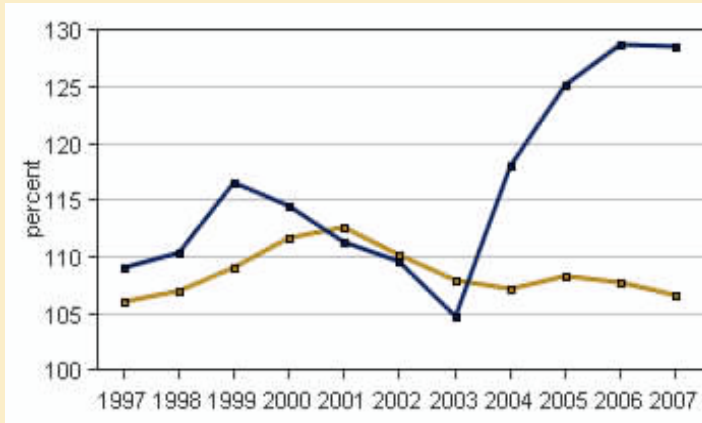


COLORADO

OURAY

PER CAPITA INCOME – SAN MIGUEL COUNTY

Per Capita Income as a Percent of the United States, 2007

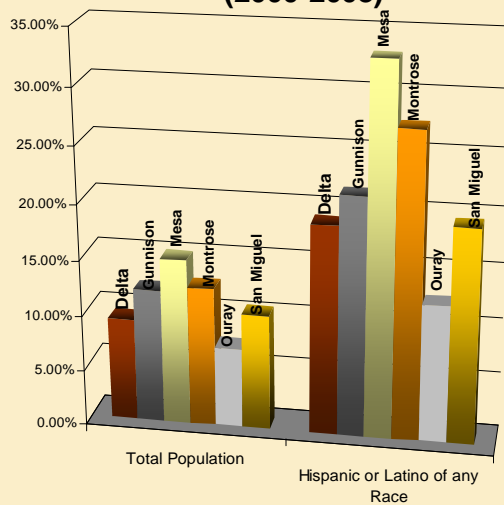


COLORADO

SAN MIGUEL

INCOME - POVERTY

Percent of Individuals below Poverty Level (2000-2008)



Source: US Census Bureau 2000, 2008 Population Division

KEY POINTS - #3

- ✘ Poverty levels much lower in Ouray and San Miguel Counties.
- ✘ Incomes highest in Ouray and San Miguel Counties, lowest in Delta and Montrose Counties.
- ✘ Non labor income significantly higher within the region than the state average.

HOUSING

Study Area Housing Affordability (1990 and 2000)

Location	1990			2000		
	Housing Unit: Median Value	Percent of Median Income Necessary to Buy House	1990 Housing Affordability Index	Housing Unit: Median Value	Percent of Median Income Necessary to Buy House	2000 Housing Affordability Index
Delta County	\$106,324	23%	109	\$189,400	26%	97
Gunnison County	\$68,511	20%	127	\$115,500	22%	116
Mesa County	\$82,477	19%	131	\$118,900	20%	128
Montrose County	\$78,788	19%	133	\$121,200	21%	119
Ouray County	\$120,290	25%	100	\$244,700	35%	72
San Miguel County	\$208,432	41%	61	\$358,200	42%	60
State	\$108,564	19%	129	\$166,600	21%	119

Source: Headwater Institute EPS 2010
Values in 2000 dollars

HOUSEHOLDS

Study Area Household Characteristics 2000-2008 Comparison

		Delta County	Gunnison County	Mesa County	Montrose County	Ouray County	San Miguel County
Average Household Size (persons)	2008	2.43	2.29	2.46	2.50	2.37	2.17
	2000	2.43	2.30	2.47	2.52	2.36	2.18
Total Housing Units	2008	14,100	10,931	61,589	17,257	2,970	6,333
	2000	12,374	9,135	48,427	14,202	2,146	5,197
Occupied Housing Units	2008	12,617	6,228	57,092	16,238	1,975	3,567
	2000	11,058	5,649	45,823	13,043	1,576	3,015
Vacant Housing Units	2008	1,483	4,703	4,497	1,019	995	2,766
	2000	1,316	3,486	2,604	1,159	570	2,182

Source: US Census Bureau 2000 data, Colorado Department of Local Affairs, State Demography Office 2008 estimates

KEY POINTS - #4

- ✘ Housing is taking more income to sustain itself.
- ✘ Vacancy rates highest in three counties (Gunnison, Ouray, San Miguel).
- ✘ Housing more affordable in Mesa, Montrose and Gunnison Counties.

AGRICULTURE

Study Area Agricultural Data (2007)

Data	Delta	Gunnison	Mesa	Montrose	Ouray	San Miguel	Total Study Area	Colorado
Number of farms	1,294	217	1,767	1,045	105	123	4,551	37,054
Acreage in farms	252,530	173,679	372,511	321,056	93,839	150,947	1,364,562	31,604,911
Market Value of Agricultural Products Sold (\$ 1,000)	46,800	10,731	61,230	67,160	3,604	3,350	192,875	6,061,134
Livestock poultry and products (\$ 1,000)	26,642	8,927	30,969	43,908	2,991	2,696	500,247	4,079,735
Crops including nursery and greenhouse crops (\$ 1,000)	20,158	1,804	30,262	23,252	613	654	79,121	1,981,399

Source: NASS Agricultural Census 2007

OIL PRODUCTION

Oil Production (barrels) (2005-2009)

County	2005	2006	2007	2008	2009
Delta	857	74	149	8	7
Gunnison	86	2,239	1,809	1,926	979
Mesa	20,194	38,437	64,719	120,933	88,553
Montrose	0	0	0	0	0
San Miguel	13,583	9,673	5,629	5,249	3,027

Source: Colorado Oil and Gas Conservation Commission 2010.

NATURAL GAS PRODUCTION

Natural Gas Production (mmcf) (2005-2009)

County	2005	2006	2007	2008	2009
Delta	353	47	10	10	5
Gunnison	4	520	1,066	1,198	872
Mesa	10,281	15,040	27,766	36,949	25,519
Montrose	0	0	0	0	0
San Miguel	20,777	24,489	17,775	14,034	8,399

Source: Colorado Oil and Gas Conservation Commission 2010.

COAL

Coal Mines and Coal Production*

Related BLM Field Office	Company Name	Mine Name	Yearly Coal Production (Tons)
UFO	Bowie Resources, LLC	Bowie No. 2	5,000,000
UFO	Mountain Coal Company	West Elk	6,400,000
UFO	Oxbow Mining, LLC	Elk Creek	6,000,000
GJFO	Central Appalachia Mining	McClane Canyon	325,000
SJFO	National King Coal	King	420,000

*Note that table includes coal mines on BLM lands only

KEY POINTS - #5

- ✘ Agriculture prominent in three counties (Delta, Mesa, Montrose).
- ✘ Mesa and San Miguel Counties have oil and gas.
- ✘ Coal production is significant in the region.

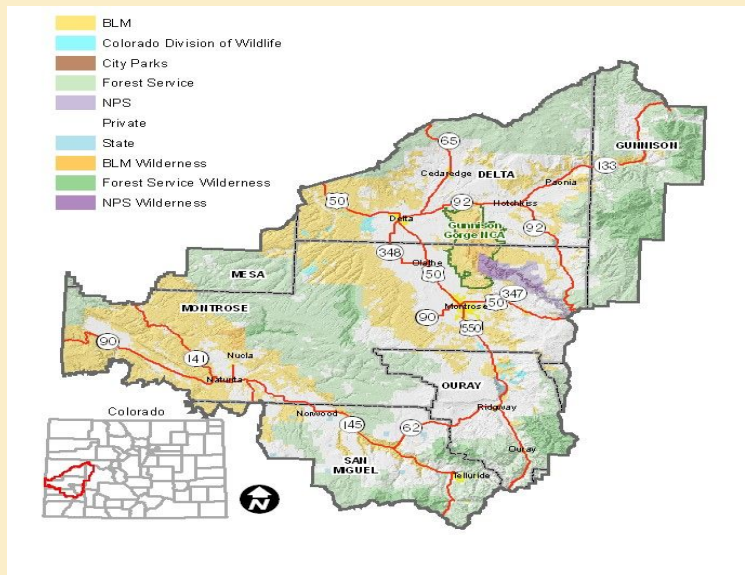
SUMMARY OF KEY POINTS

- ✘ The region's future population growth will be in existing populated areas.
- ✘ Expect employment growth in service sectors, government and construction.
- ✘ Non labor income is significant and will become a greater driver of the economy in the future.
- ✘ Housing affordability will be key to region's livability in the future.
- ✘ Natural Resources have a prominent role in the region's future.

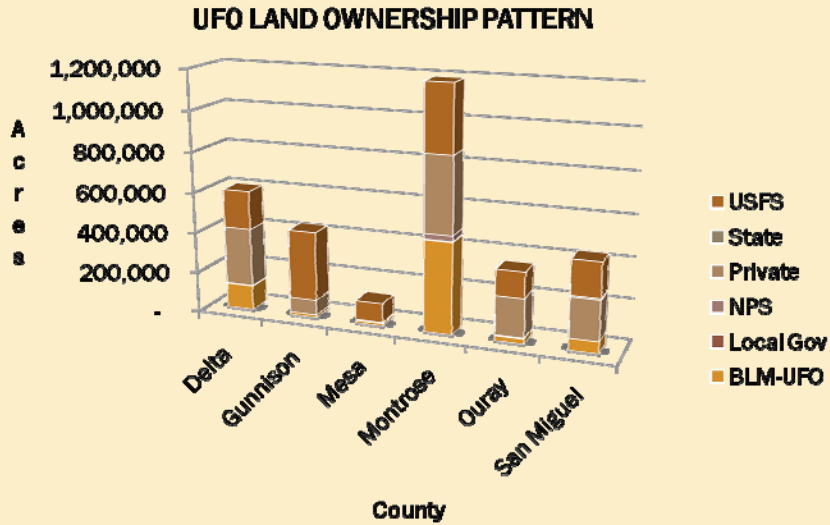
BLM CONTRIBUTIONS: WHAT THE PUBLIC LAND HAS TO OFFER!



UNCOMPAHGRE FIELD OFFICE AND LAND OWNERSHIP



ACREAGE IN RMP PLANNING AREA



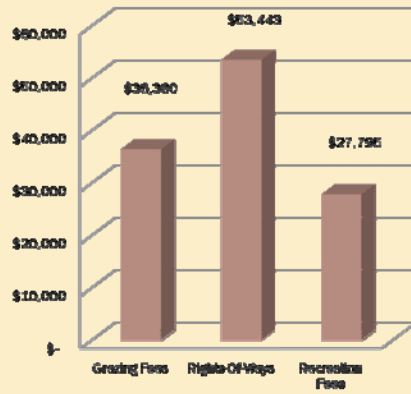
ACREAGE IN RMP PLANNING AREA

County	BLM-UFO	Local Gov.	NPS	Private	State	USFS	Total Acres RMP Area	Total Acres in County
Delta	120,669	3,655		285,157		189,201	598,681	730,950
Gunnison	13,368	8		74,527		338,845	426,748	2,072,838
Mesa	11,931	164		5,404		94,115	111,614	2,129,760
Montrose	447,987	3,592	27,126	375,640	5	328,354	1,182,703	1,433,990
Ouray	24,471	4,642		188,752	324	126,426	344,616	345,901
San Miguel	57,227	224		195,692	6,681	169,875	429,700	823,360
Total	675,654	12,286	27,126	1,125,172	7,010	1,246,816		

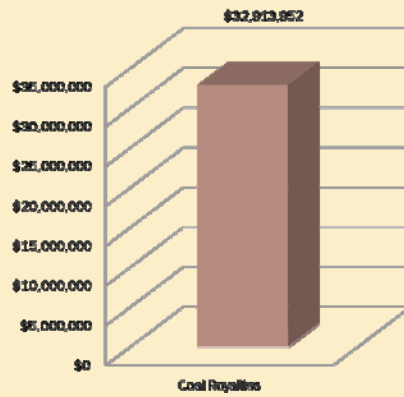
Source: UFO BLM 2010a

RECEIPTS FROM PUBLIC LAND USE

UFO RECEIPTS
2008



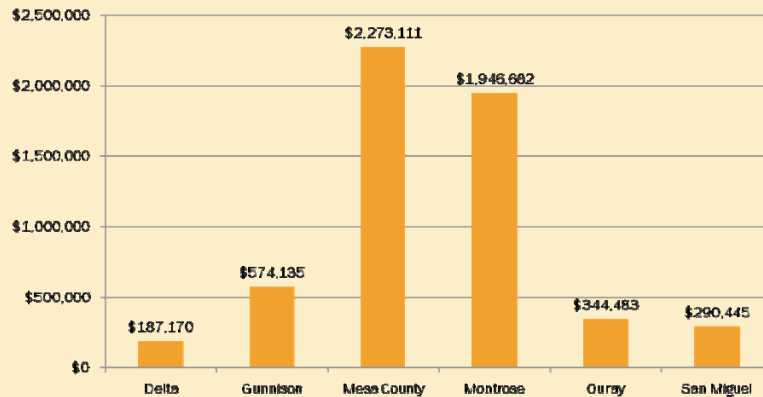
UFO RECEIPTS
2008



Source: UFO BLM 2010b

CONTRIBUTIONS

Fiscal Year 2009 PILT Payments to UFO Counties



Source: US DOI 2010

BLM RECREATION IN THE FIELD OFFICE



THANK YOU – QUESTIONS OR COMMENTS?

- ✘ For more information or if you have questions or comments on the Economic Workshop
Contact:
 - ✘ John V. Martin
 - ✘ Martin Economics
 - ✘ 208-284-4425
 - ✘ Ecnjohn@aol.com
- ✘ For questions or comments on the Uncompahgre Field Office Resource Management Plan
Contact:
 - ✘ Mr. Bruce Krickbaum
 - ✘ 970-240-5300
 - ✘ WWW.UFORMP.COM

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