

## APPENDIX P—SOCIOECONOMIC SUPPORTING MATERIALS

### INDUSTRY INCOME, EMPLOYMENT, AND EMPLOYEE COMPENSATION

**Table P-1. Industry Income, Employment, and Employee Compensation;  
Routt and Moffat Counties, 2002**

Industry	Moffat County			Routt County		
	Industry Income (1,000 \$)	Employment (Workers)	Employee Comp. (1,000 \$)	Industry Income (1,000 \$)	Employment (Workers)	Employee Comp. (1,000 \$)
Crop	437	10	9	1,099	23	62
Pasture	4,336	19	270	5,758	53	374
Cattle	3,124	296	1,119	3,124	440	1,119
Other animal	1,611	240	177	642	59	142
Other agriculture	238	18	121	473	10	5
Agriculture	9,746	583	1,697	11,097	585	1,704
Residential	5,938	114	2,737	80,157	1,572	58,644
Comm/instit. construction	3,160	78	1,870	42,827	1,075	40,060
Heavy construction	3,256	70	1,704	44,091	964	36,506
Manufacturing	3,070	63	2,251	6,600	139	4,319
Construction & manufacturing	15,423	324	8,562	173,675	3,750	139,530
Retailing	24,404	626	12,813	85,773	33	17,725
Food retailing	8,994	181	5,174	17,390	10	1,041
Hotels	3,011	107	1,286	26,322	11	1,140
Food services	5,571	444	4,734	32,929	27	1,192
Food services retailing/hotels	41,980	1,358	24,008	162,414	81	21,098
Oil & gas production	25,021	61	8,685	3,368	17	1,124
Coal	68,814	599	38,046	95,987	604	44,720
Oil & gas drilling	6,905	20	1,980	0	0	0
Power	89,469	326	20,741	41,013	125	9,508
Water	357	7	182	4,837	103	3,898
Transport	4,705	73	2,789	10,553	375	10,694
Energy utilities & minerals	195,271	1,087	72,422	155,759	1,224	69,944
Recreation	195	25	118	2,210	174	1,521
Communication	3,835	53	1,714	14,764	181	6,331
FIRE	11,588	198	3,712	218,139	2,690	37,192
Services	14,941	300	8,273	71,946	1,490	39,509
Health	22,245	540	16,519	52,396	1,096	40,078

Industry	Moffat County			Routt County		
	Industry Income (1,000 \$)	Employment (Workers)	Employee Comp. (1,000 \$)	Industry Income (1,000 \$)	Employment (Workers)	Employee Comp. (1,000 \$)
Other services	10,498	440	8,112	108,443	2,507	60,791
Housing services	20,756	0	0	48,922	0	0
Wholesale trade	12,303	183	6,671	26,578	264	14,413
Services	96,166	1,714	45,001	541,188	8,228	198,313
State/local education	15,827	431	15,827	21,243	576	21,243
Government	44,434	622	33,488	60,528	902	44,225
Government	60,261	1,052	49,316	81,771	1,478	65,468

## **SUPPORTING ANALYSES FOR THE SOCIOECONOMIC COMPONENT OF THE LITTLE SNAKE FIELD OFFICE RESOURCE MANAGEMENT PLAN**

The analysis presented in Chapter 4 is based on much more extensive work than detailed in that chapter. The modeling results that provided the basis for Chapter 4 are contained in separate documents listed in the Northwest Colorado Stewardship (NWCOS) website ([www.nwcoss.org](http://www.nwcoss.org)) under Bureau of Land Management (BLM) Resource Management Plan (RMP) documents. The documents are posted under the heading “Socioeconomic Analysis,” near the bottom of the webpage. These documents contain separate analyses for oil and gas drilling and extraction, agriculture, and recreation, which were determined to be the key sectors that would vary under the four alternatives analyzed in the RMP. These analyses include extended results from our IMPLAN modeling effort, such as the sales effects, value added, employment, and taxes. Each of these categories is split into the direct, indirect, and induced effects associated with the analysis of the four alternatives. Moreover, the tax effects are presented in these documents in terms of federal, State, and local impacts, which are also discussed in Chapter 4, but not extensively.

Additional detail is provided in these reports on key assumptions, both methodological and data, for the key sectors, i.e., oil and gas drilling and extraction, agriculture, and recreation. For example, the budgets used to examine oil and gas drilling and extraction are presented, with the expenditures made by these industries across 29 different sectors. The development of the extent of drilling across different very at designations is also developed. In the report on drilling, the assumptions made on variations in costs within the different designations are also provided. These two analyses have been performed in far greater detail than has typically been provided in socioeconomic studies for BLM’s RMPs. In addition, the recreation portion of the analysis was based on survey data; therefore, the report outlines the sampling procedures, timing of the survey, and details concerning the response rate.

Analysis was performed on some sectors that were important to the local economy but were not expected to vary across management alternatives for various reasons. For example, the coal industry is one of the key contributors to the local economies in Moffat and Routt counties, but the management alternatives are not expected to affect it. Nonetheless, many stakeholders felt it was important to portray the role of that industry and the economy. For that reason, we examined the impact of an increase of 25 percent in the economic activity of the coal industry simply to demonstrate its importance. The same range of outputs, including sales, value added, employment, and taxes, were presented. In another case, some stakeholders felt that large game hunting could be affected by the management alternatives because migration patterns might be affected. Although it was not possible to obtain details on the extent of the impacts on that industry from the various alternatives, a report was produced, demonstrating the role of large game

hunting in the local economy. The impact of retirees was yet another dimension of the local economies for which precise assumptions could not be made. The summaries of the impact of retirees on the local economy are provided in Chapter 4, and details are given in a separate report. Details of variations in BLM's expenditures across the four alternatives, which were minor and had minor impacts, are available in another report. Finally we have one report that describes our IMPLAN model structure.

Drafts of these reports are currently found at the website listed above. Over the next few months, publications in the Department of Agricultural and Resource Economics at Colorado State University (CSU) will be developed to replace these drafts. When these documents are finished, their location will be moved from the NWCOS website to the website at the CSU Department.

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