

**THE ECONOMIC IMPACT OF STEELHEAD FISHING
AND THE RETURN OF SALMON FISHING IN IDAHO**

by

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September 1996

This study was supported by the Idaho Fish & Wildlife Foundation
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EXECUTIVE SUMMARY

The study described in this report had two objectives: (1) to determine the continuing positive economic impact on Idaho's economy of recreational steelhead fishing (assuming steelhead fishing can be maintained at the level found for the 1992/1993 season); and (2) to extrapolate from the steelhead data an estimated contribution to Idaho's economy of restored recreational salmon fishing and of the combined impact of steelhead and salmon fishing.

Recreational steelhead fishing in Idaho during the 1992/1993 season was responsible for over \$90 million in expenditures and nearly 2,700 jobs, as nearly 44,000 steelhead were harvested in the state. For some of the state's smallest communities, the economic importance of steelhead fishing is approaching the impact of traditional resource based industries. In Riggins, for example, steelhead fishing expenditures directly created 25 jobs and indirectly created 19 more, for a total of 44. Direct employment in logging for Riggins is 38 jobs.

Idaho has had no general salmon fishing season since the 1970s. In the absence of reliable salmon fishing expenditure data for specific river sections, the potential impact from restored salmon fishing was estimated for the state as a whole. Based on angling levels in the 1950s, when Idaho had full salmon fishing seasons, restored salmon fishing would produce about \$60 million in economic activity and directly create approximately 1,000 jobs (as well as another 800 through secondary effects).

The direct employment impact of steelhead fishing is more than 1,000 jobs (plus more than 1,600 through secondary effects). Direct employment in mining in Idaho in 1992 was 3,174. Therefore, steelhead fishing alone produces one-third as many jobs in Idaho as the state's mining industry. Should salmon runs be restored to support angling levels equal to those in the 1950s, the number of direct jobs from salmon and steelhead fishing would be two-thirds of the direct employment in mining. In combination, direct and indirect impacts of steelhead and salmon fishing would then be responsible for over \$150 million in dollar activity in Idaho and support nearly 4,500 jobs. This annual renewable resource in the form of recreational salmon and steelhead fishing would supplement the existing economic base in the state of Idaho.

Although the hourly pay rates for recreation based jobs are often lower than those for traditional resource jobs, recreation expenditures provide economic opportunity for local supporting firms and tend to keep expenditures turning over within the local community. It is important to recognize that the economies of river communities are tied to sport fishing just as they are to the traditional resource based endeavors. Recreational activities and traditional industries should be viewed not as competitors, but rather as complements of each other. The long-run economic viability of river communities depends on both. A healthy steelhead and restored salmon fishery could go along way toward dampening the effects of booms and busts that often afflict those river communities.

INTRODUCTION

According to the Idaho Department of Fish and Game, fishing in Idaho generated nearly \$215 million in economic activity during 1991.¹ This report explores the extent to which steelhead fishing provides the "economic lifeblood" for Idaho communities from Riggins to Salmon, and the economic prospects of both sustained steelhead fishing and restored salmon fishing. Yet, as reported recently in *The Idaho Statesman*,

Idaho steelhead, a prized game fish and the economic lifeblood of many towns in Central Idaho, is on the verge of being added to the federal endangered-species list.²

The study described in this report had two objectives: (1) to determine the continuing positive economic impact on Idaho communities of recreational steelhead fishing (assuming steelhead fishing can be maintained at the level found for the 1992/1993 season); and (2) to extrapolate from the steelhead data an

¹What's It Worth, Michele Beucler and Dale Toweill, Natural Resources Policy Bureau, Idaho Department of Fish and Game, Idaho Wildlife, Summer, 1995.

²The Idaho Statesman, May 23, 1996.

estimated contribution to Idaho's economy of restored recreational salmon fishing and of the combined impact of steelhead and salmon fishing.

The study determined the economic impact from steelhead fishing for twelve individual communities in Central Idaho and for the state as a whole. Data limitations prevented a parallel determination of the economic impact from restored salmon fishing. For salmon, an estimate was derived for all river communities combined, as well as for the state as a whole.

METHODOLOGICAL APPROACH

The economic impacts for steelhead fishing were found through the use of two different sets of community level input-output models developed by M. Henry Robison, Charles McKetta, and Steven Peterson of the University of Idaho. The first set was developed with the support of the 1994 and 1995 Idaho Legislature (House Bill 956) to assess the impacts of changing federal timber policies on individual resource-dependent communities in Northcentral Idaho in the watersheds of the Snake, lower Salmon, and Clearwater rivers.

For the present study, only those modeled communities directly impacted by steelhead fishing were used for primary data. Other communities, those not located near a river where steelhead fishing occurs, were lumped into the rest-of-state category. Communities included in the first set of models and directly impacted from steelhead fishing extend from Riggins to Lewiston, then east to include Orofino, Kamiah, Kooskia, and Elk City.

The second set of input-output models, supported through a grant from the Bureau of Land Management,³ focused on communities in the upper Salmon River, in Custer and Lemhi counties. The four cities included in this report from these models are Stanley, Challis, Salmon, and North Fork.

These two input-output models, being recently developed, contain the most up-to-date data on communities affected directly by steelhead fishing, and appear to be the best available source for measurements of local economic impacts from steelhead fishing expenditures. However, the input-output method is not without

³ A Social, Economic and Fiscal Analysis of Custer and Lemhi Counties, Idaho: And Models, Technical Report in Fulfillment of Cooperative Agreement, No. D-040-A-2-006, March 1994.

its drawbacks. It is static, rather than dynamic, providing a snap-shot of the economy at one point in time, even though the economy is really in a state of continual change. Change is especially the rule in the sort of communities that are the focus of this study--which derive their economic health from the surrounding natural resources.

Historically, a significant share of the economic activity in these communities has come from the extraction of the surrounding natural resources. This, however, has been changing. For a variety of reasons, important shifts are occurring within the economies of Idaho and the Northwest. According to a recent economic report on the Northwest,

During the last decade the industries once central to the region's economy - aerospace and the natural-resource industries (agriculture, timber, fishing, and mining) - have experienced significant declines and have eliminated tens of thousands of jobs.⁴

Of course, traditional resource based industries are and will remain important to Idaho communities. But their relative importance appears to be in irreversible decline.

Therefore, a major drawback of input-output analysis is its focus on the economic structure of the past, rather than on the economy's current state or the current trend. It tends to *underestimate* the real economic impact of recreational activities such as steelhead and salmon fishing, because the infrastructure and support industries in these communities were developed to support traditional (agriculture, timber, mining, etc) economic activities.

Even so, the use of these models in this analysis is defensible not only because the models were the best available source of current economic data at the community level, but also because they produce results that are clearly conservative and hence reliable and relatively uncontroversial. It is reasonable to expect that the impacts generated by the models for steelhead fishing are somewhat less than actual impacts. It is also reasonable to assume, given

⁴Economic Well-Being and Environmental Protection in the Pacific Northwest: A Consensus Report by Pacific Northwest Economists, December, 1995.

steelhead runs that remain at their 1992/1993 levels, that future economic impacts will be greater than the results generated by these models and presented in this report.

As the local economies shift from their traditional base to a more recreational base, the support structure for fishing will grow, and more of the dollars expended on steelhead fishing will remain in the communities--creating even greater economic activity. In economic terms, higher multipliers for recreational fishing activities lead to larger secondary impacts.

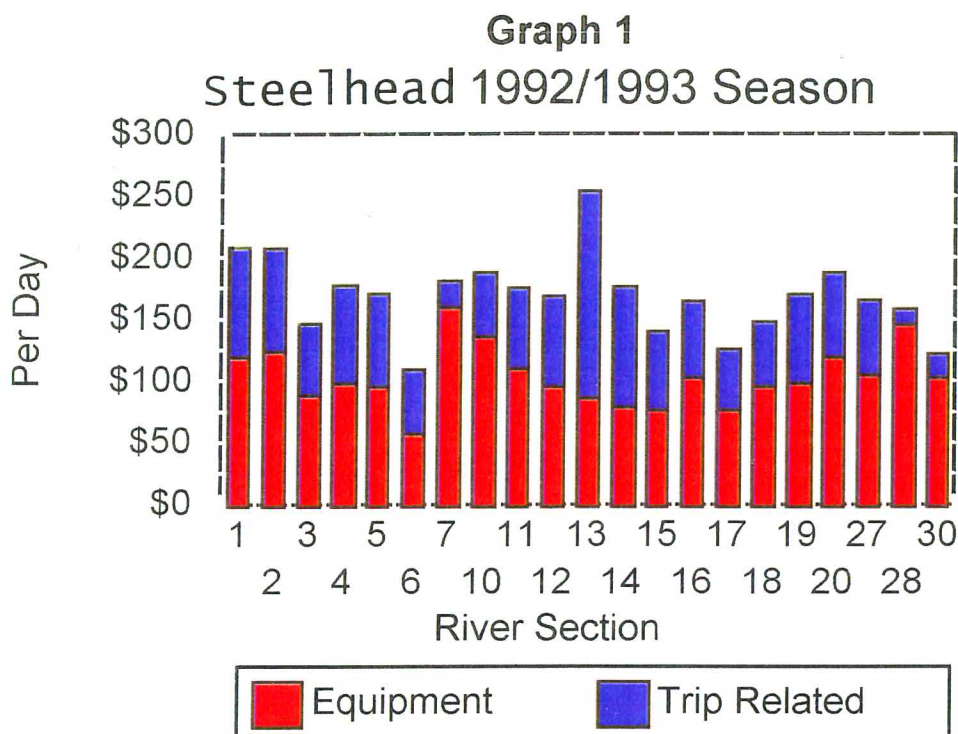
DATA SOURCES

Fishing data used in this Report were developed by the Idaho Department of Fish and Game (IDF&G). During the 1992-1993 steelhead season IDF&G included economic question in its annual survey. Questions in the survey included--in addition to items like the number of steelhead caught and days fishing--the amount spent by the angler on such items as food, transportation, tackle, and guides. Coding of the questions by river section allowed the calculation of steelhead-fishing-related expenditures over 20 different river reaches and the allocation of spending to the affected communities near a particular river section.

The IDF&G survey did not include questions on expenditures for durable equipment such as boats and travel trailers used by anglers. Estimates for these expenditures were taken from a national fishing and hunting survey.⁵ These equipment expenditures were allocated on a per trip, and per day basis given the angler activity along each river section defined in the IDF&G survey.

The results of this allocation for each river section are displayed in Graph 1 and presented in Table 1.

⁵National Survey of Fishing, Hunting, and Wildlife-Associated Recreation, March 1993, U.S. Department of Interior, Fish & Wildlife Service, and Department of Census, Table 18.



Results of the allocation process correlate with plausible observations. For example, on river section 13--the Salmon River from Vinegar Creek to the South Fork--trip related expenditures were high relative to equipment expenditures. This result is consistent with expectations, given the extensive use of guides in this wilderness area. On the other hand, equipment expenditures are relatively high for the Snake River at Oxbow, where angler boats are used--again, a result that tends to confirm the reasonableness of the allocation.

TABLE 1
Idaho 92/93 Steelhead Season

RIVER SECTION	1	2	3	4	5	6	7	10	11	12	13	14	15	16	17	18	19	20	27	28	30	TOTAL
Days Fished	164	157	217	197	201	338	122	142	178	205	226	248	254	189	249	204	198	163	186	135	190	198
Miles Travel	284	276	312	342	372	740	63	195	287	381	300	429	452	339	290	320	295	260	267	13	19	297
Transport \$	\$56.98	\$40.07	\$46.24	\$47.52	\$55.83	\$128.55	\$10.29	\$27.55	\$42.25	\$53.86	\$59.74	\$67.92	\$65.42	\$42.90	\$43.05	\$35.37	\$45.17	\$34.95	\$38.07	\$6.50	\$13.70	\$45.81
Guide \$	\$41.62	\$32.86	\$8.36	\$11.58	\$4.91	\$0.00	\$0.00	\$8.64	\$17.76	\$25.66	\$238.51	\$93.43	\$4.08	\$5.77	\$0.59	\$5.21	\$20.00	\$0.00	\$14.50	\$0.00	\$0.00	\$25.40
Food \$	\$21.33	\$20.13	\$29.72	\$35.26	\$40.98	\$28.14	\$5.80	\$19.48	\$25.85	\$32.60	\$31.57	\$45.01	\$49.63	\$30.77	\$33.89	\$28.15	\$36.09	\$31.05	\$28.89	\$2.60	\$2.25	\$27.49
Tackle \$	\$14.68	\$26.52	\$18.77	\$34.47	\$24.20	\$9.86	\$7.44	\$11.03	\$15.48	\$16.37	\$21.29	\$19.95	\$23.13	\$17.01	\$28.18	\$26.03	\$27.47	\$19.00	\$17.78	\$7.50	\$18.85	\$19.19
Accommod \$	\$8.30	\$6.56	\$16.37	\$22.24	\$13.24	\$3.75	\$0.00	\$2.89	\$12.54	\$19.64	\$23.68	\$14.03	\$14.28	\$16.53	\$10.04	\$10.32	\$10.35	\$23.87	\$11.04	\$0.00	\$0.00	\$11.41
Pub CG \$	\$1.43	\$0.43	\$0.64	\$0.20	\$0.90	\$2.81	\$0.00	\$0.44	\$0.30	\$0.55	\$0.00	\$0.16	\$0.64	\$0.14	\$1.09	\$0.33	\$0.35	\$0.00	\$0.27	\$0.00	\$0.00	\$0.52
PVT CG \$	\$0.00	\$0.97	\$0.91	\$0.46	\$6.45	\$0.00	\$0.00	\$0.33	\$0.47	\$0.64	\$0.00	\$0.07	\$0.62	\$0.00	\$0.79	\$0.01	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.56
Total Trip \$	\$144.35	\$127.54	\$120.99	\$151.73	\$146.51	\$171.11	\$23.53	\$70.35	\$114.63	\$149.32	\$374.79	\$240.56	\$157.81	\$113.11	\$115.63	\$105.41	\$139.44	\$108.87	\$110.78	\$16.80	\$34.80	\$130.37
Equipment \$	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00	\$197.00
TOTAL \$	\$341.35	\$324.54	\$317.99	\$348.73	\$343.51	\$368.11	\$220.53	\$287.35	\$311.63	\$346.32	\$571.79	\$437.56	\$354.81	\$310.11	\$312.63	\$302.41	\$336.44	\$305.87	\$307.78	\$213.60	\$231.80	\$327.37
\$ Per Day																						
Transport \$	\$34.69	\$25.60	\$21.28	\$24.17	\$27.75	\$38.09	\$8.45	\$19.35	\$23.77	\$26.21	\$26.47	\$27.39	\$25.78	\$22.75	\$17.27	\$17.31	\$22.81	\$21.46	\$20.44	\$4.81	\$7.21	\$22.05
Guide \$	\$25.33	\$20.99	\$3.85	\$5.89	\$2.44	\$0.00	\$0.00	\$6.07	\$8.99	\$12.49	\$105.68	\$37.67	\$1.61	\$3.06	\$0.24	\$2.55	\$10.10	\$0.00	\$7.79	\$0.00	\$0.00	\$12.18
Food \$	\$12.98	\$12.86	\$13.67	\$17.93	\$20.38	\$7.74	\$4.76	\$13.68	\$14.54	\$15.87	\$13.99	\$18.15	\$19.56	\$16.32	\$13.59	\$13.77	\$18.22	\$19.05	\$15.51	\$1.93	\$1.18	\$13.61
Tackle \$	\$8.94	\$16.94	\$8.64	\$17.53	\$12.03	\$2.92	\$6.11	\$7.74	\$8.71	\$7.97	\$9.43	\$8.04	\$9.12	\$9.02	\$10.50	\$12.74	\$13.87	\$11.66	\$9.54	\$5.56	\$9.92	\$9.85
Accommod \$	\$5.05	\$4.19	\$7.53	\$11.31	\$6.58	\$1.11	\$0.00	\$2.03	\$7.05	\$9.56	\$10.49	\$5.66	\$5.03	\$8.77	\$4.03	\$5.05	\$5.23	\$14.65	\$5.93	\$0.00	\$0.00	\$5.71
Pub CG \$	\$0.87	\$0.27	\$0.29	\$0.10	\$0.45	\$0.83	\$0.00	\$0.31	\$0.17	\$0.27	\$0.00	\$0.06	\$0.25	\$0.07	\$0.44	\$0.18	\$0.18	\$0.00	\$0.27	\$0.00	\$0.00	\$0.24
PVT CG \$	\$0.00	\$0.62	\$0.42	\$0.23	\$3.20	\$0.00	\$0.00	\$0.23	\$0.26	\$0.31	\$0.00	\$0.03	\$0.24	\$0.00	\$0.32	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.28
Equip Day \$	\$119.91	\$125.84	\$90.65	\$100.19	\$97.92	\$58.37	\$161.85	\$138.36	\$110.84	\$95.87	\$87.29	\$79.44	\$77.65	\$104.48	\$79.00	\$96.38	\$99.48	\$120.94	\$105.77	\$145.93	\$103.68	\$99.38
Trip Per Day \$	\$87.86	\$81.47	\$55.68	\$77.16	\$72.82	\$50.70	\$19.33	\$49.41	\$64.50	\$72.87	\$166.06	\$97.00	\$62.20	\$59.99	\$46.37	\$51.57	\$70.41	\$66.83	\$59.48	\$12.30	\$18.32	\$168.66
PER DAY \$	\$207.77	\$207.31	\$146.33	\$177.35	\$170.75	\$109.07	\$181.18	\$187.77	\$175.34	\$168.55	\$253.35	\$176.44	\$139.85	\$164.47	\$125.37	\$147.95	\$169.88	\$187.77	\$165.25	\$158.22	\$122.00	\$168.66
Fishing Days																						
Fall 1992	17,373	4,038	49,198	4,233	4,233	319	611	7,013	8,350	2,975	1,266	6,234	15,833	3,701	1,195	1,426	1,107	1,054	2,019	213	275	132,666
Spring 1993	2,218	1,035	25,544	4,720	8,155	944	2,946	2,127	4,572	1,877	512	1,547	8,246	2,981	4,549	4,617	3,890	2,991	682	421	0	84,584
TOTAL	19,591	5,073	74,742	8,953	12,388	1,263	3,557	9,140	12,922	4,852	1,778	7,781	24,079	6,692	5,744	6,043	4,997	4,045	2,701	634	275	217,250
Expend (m\$)	\$4,070	\$1,052	\$10,937	\$1,588	\$2,115	\$0,138	\$0,644	\$1,716	\$2,266	\$0,818	\$0,450	\$1,373	\$3,367	\$1,101	\$0,720	\$0,894	\$0,849	\$0,760	\$0,446	\$0,100	\$0,034	\$35,438

EXPENDITURES IN COMMUNITIES

Once data for each river section had been calculated, expenditure patterns in local communities were assessed in order to incorporate them into the input-output models and determine the economic impact on the community. This assessment was accomplished through a multistep process.

First, each river section had to be assigned to the appropriate community. This was accomplished by matching each river section to the closest and most accessible communities where trip-related expenditures could be reasonably assumed to be made. The results of this assignment process are presented in Table 2.

All fishing related expenditures, however, do not occur in the communities closest to the each river section. Much of the expenditure, especially for equipment such as boats and travel trailers, occurs in larger cities and towns where many of the anglers live. For example, anglers who live in Boise and drive to Lewiston to fish for steelhead, would purchase a portion of their supplies in Boise, or in cities along the way. Only part of the per-day expenditures would actually occur in Lewiston.

It was therefore necessary to allocate only a portion of the angler expenditures to the local communities nearest the steelhead fishing sites, and to allocate another portion to the rest of the state. This allocation, by expenditure category, is shown in Table 3. Although the percentages are based on a forest

TABLE 2

Fish & Game River Sections
'92/93 Steelhead Fishing Days

92/93 Steelhead fishing days		1	2	3	4	5	6	7	10	11	12	13	14	15	16	17	18	19	20	Oxbow	Boise R.	Payette
19,591		5,073	74,742	8,953	12,388	1,263	3,557	9,140	12,922	4,852	1,778	7,781	24,079	6,692	5,744	6,043	4,997	4,045	2,701	634	275	
River Section																						
TOWNS																						
Lewisston		75.0%		50.0%	10.0%																	
Clarkston		25.0%																				
Grangeville			33.3%		10.0%			25.0%												33.3%		
Kooskia					10.0%	50.0%																
Elk city																						
Whitebird			33.3%					50.0%												33.3%		
Riggins			33.3%					25.0%	100.0%	100.0%	100.0%	25.0%	25.0%					100.0%		33.3%		
Orofino				50.0%	60.0%	50.0%	100.0%															
Kamiah					10.0%											25.0%	75.0%	50.0%				
Challis																	25.0%	50.0%				
Stanley													25.0%	50.0%	50.0%	75.0%						
Salmon													25.0%	50.0%	50.0%							
North Fork																						
Total		100.0%	99.9%	100.0%	100.0%	100.0%	100.0%	99.9%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	99.9%	0.0%	0.0%

survey of the Payette National Forest by M. Henry Robinson,⁶ they have been modified for the present study. The percentage of local equipment expenditures was reduced in recognition of the fact that this study is dealing with smaller communities than those that were the focus of the Payette National Forest study.

Table 3

	Percent Local	Percent Non-Local
Trip Related		
Transportation	25%	75%
Guide	100%	0%
Food	25%	75%
Tackle	25%	75%
Lodging	100%	0%
Pub CG	100%	0%
Pvt CG	100%	0%
Equipment	15%	85%

The next step in the process was to match the expenditures developed from the IDF&G survey and the national expenditure study with the expenditures categories required for input into the input-output model. This is accomplished by the allocation of expenditures, based on the local/non-local expenditure split, to each directly impacted on-river community. The results of these computations, for each community, are contained in Attachment 1.

⁶Potential Employment Impacts of Anadromous Fish Habitat Management on the Payette National Forest, U.S. Department of Agriculture, Forest Service, March 1987.

MODEL RUNS

As noted in the section on methodology, two inter-linked input-output models were used to compute the indirect impact on each community of steelhead fishing expenditures. In addition, each model finds both direct and indirect job impacts from the expenditure data. The first model includes communities in Northcentral Idaho, with Lewiston as the leading trade center. This means that economic changes in any other part of the region are eventually felt in Lewiston. This region also has two smaller trade centers--Orofino and Grangeville.

The models calculation were done in stages. Direct expenditures were entered community by community beginning with the least economically dominant and on up to Lewiston, the most dominant. The hierarchy of economic dominance for all communities is found in Attachment 3. Direct expenditures for each community, by expenditure category, were entered into the model and the model was then recomputed. At each stage the results were noted before expenditures for the next community were entered. This staging approach was used to avoid unrealistic feed-back effects resulting from the interlinkage of the individual community models.

The second input-output model employed in the study focuses on four communities in Custer and Lemhi counties--Stanley, Challis, Salmon, and North Fork. The staging process just described was used for this model as well. Challis dominates the upper Salmon River region, Stanley the Sawtooth area. The results of the model runs are presented in Table 4.

Table 4
STEELHEAD FISHING EXPENDITURES
1992/1993 SEASON

Regional Cities	Direct Expenditures	Dollar Impact	Total Jobs
Stanley	\$69,471	\$93,955	5
Challis	\$117,852	\$195,446	18
Salmon	\$627,314	\$1,035,231	40
North Fork	\$150,329	\$167,694	28
Grangeville	\$119,082	\$336,949	8
Kooskia	\$128,925	\$216,590	6
Elk City	\$5,723	\$8,899	0.5
White Bird	\$186,282	\$299,707	8
Riggins	\$898,891	\$1,629,063	44
Orofino	\$302,591	\$553,902	20
Kamiah	\$5,225	\$9,760	0.5
Lewiston/ Clarkston	\$1,876,554	\$4,283,918	84
Regional Cities	\$4,488,239	\$8,831,114	262
Rest of State	\$30,949,761	\$90,228,985	2,679

SALMON RESTORATION IMPACTS

Although there has been no general salmon fishing season in Idaho since the 1970s, during the seven years prior to the completion of Ice Harbor dam in 1962 the average chinook salmon catch in Idaho was 23,000 fish annually.⁷ According to a study by Douglas Gordon, salmon anglers expended 6.5 fishing

⁷Idaho Department of Fish and Game

days per fish caught during the 1968 Idaho season,⁸ suggesting that effort from salmon anglers in the 1950s and 1960s approximated 150,000 days annually.

This figure should be considered a conservative estimate, since it is based on the harvest levels and fishing practices of the 1950s and 1960s. In that era, chinook salmon were fished from the banks, typically of the smaller rivers and streams in the upper reaches of the Salmon River drainage. Salmon had been extirpated from the Clearwater River drainage in the 1920s when a dam was built across the river near Lewiston. They were reintroduced into the Clearwater in the 1960s and 1970s.

Restoring chinook salmon to fishable populations in the Snake drainage would allow boat anglers considerable fishing opportunity in the mainstem Snake, Clearwater, and Salmon rivers, similar to the very popular salmon fishery in the Hanford reach of the Columbia River. Boat fishing techniques would resemble those of the existing steelhead fishery. With added boat angling opportunities, the overall salmon fishery effort could equal or exceed that of steelhead. Also, the salmon fishery would concentrate in the summer months during the peak tourism season which could add to the total salmon fishing effort.

Because statewide salmon fisheries have not occurred since the 1970s there are no reliable salmon fishing expenditure data by river section, and local expenditure data from the 1970s are unusably old. Therefore, the potential economic impact for restored salmon fishing was estimated in the aggregate for the twelve steelhead fishing communities in this study and for the state as a whole, using the more up-to-date and reliable steelhead data as a proxy.

It was assumed the expenditure patterns for a salmon season would resemble those found for steelhead. The same ratios of direct and indirect expenditures were used, as well as the ratio of jobs and expenditures. The estimate of 150,000 fishing days for salmon would mean 180 jobs for the twelve communities used in this study, and an a dollar impact of \$6.2 million (Table 5).

⁸Statewide Fishing Harvest Survey, Job No. 2, An Economic Analysis of Idaho Sport Fisheries, Douglas Gordon, Idaho Cooperative Fisheries Unit, Idaho Department of Fish and Game, April 1970.

Table 5

	Direct Expenditures	Dollar Impact	Total Jobs
SALMON SEASON			
Regional Communities	\$3,098,899	\$6,159,572	181
Rest of State	\$21,369,225	\$56,201,062	1,652
Total Salmon Season	\$24,468,124	\$62,360,634	1,833

Historically, salmon fishing activity in the upper Salmon River was greater than in the north central region of the state. Therefore, in judging the impact of salmon fishing on individual communities, it would be reasonable to assume larger impacts than those found for steelhead fishing in the communities of Custer and Lemhi counties. On the other hand, the impact on north central cities might not equal that of steelhead fishing. Even so, as noted earlier, the nature of sport salmon fishing has evolved over the past 25 years, and it would be reasonable to expect more salmon fishing activity from boats than was true when Idaho had a general salmon season. This would mean more salmon fishing on the lower Salmon and Snake Rivers than in the past.

The combined impact of a healthy steelhead fishery and salmon runs restored to those levels found in the 1950s would mean expenditures of \$150 million and nearly 4,500 jobs (Table 6).

Table 6

	Direct Expenditures	Dollar Impact	Total Jobs
COMBINED STEELHEAD AND SALMON FISHERY			
Regional Communities	\$7,587,138	\$15,080,686	443
Rest of State	\$52,318,986	\$137,598,933	4,044
Total	\$59,906,124	\$152,679,620	4,487

Direct employment in mining in Idaho in 1992 was 3,174. The direct employment impact of both steelhead fishing and restored salmon fishing would be approximately 2,000 jobs, or almost two-thirds that of mining.

These figures may well understate the future economic impact of recreational fishing. As indicated above, an input-output analysis is a static analysis. The economy of Idaho, as well as the rest of the Northwest, is shifting from its more traditional nature to industries based on recreation and the amenities of the region. While traditional resource industries will remain important to Idaho communities, their relative value and influence is declining over time. In contrast,

the real economic impact from recreational activities such as steelhead and salmon fishing can be expected to grow over time.

ECONOMIC IMPACT

Unsurprisingly, the economic impact of steelhead fishing varies greatly from community to community. In cities like Salmon and Riggins, steelhead fishing supports at least 40 jobs. For Riggins, this is 7% of total employment. For Salmon it is 18% of total employment. In some of the other communities, however, such as Elk City and Kamiah, the direct impact is small.

This pattern of impact is consistent with Robison's findings in his recent study of changing timber policies in Northcentral Idaho.⁹ While some communities were highly dependent on timber, others were not:

Nezperce and Craigmont are agricultural towns. Riggins has a significant and growing tourism economy. Single sector towns are sensitive to market ups and downs -- mining and timber towns are famous for booms and busts.¹⁰

Using the same models, but focusing on river towns, this study indicates that a healthy steelhead fishery and a restored salmon fishery could go a long way toward dampening the effects of booms and busts and providing significant support to the economies of those cities.

Steelhead recreational fishing in Idaho also provides a significant economic contribution to other areas of the state--not just to the riverside communities. As stated earlier, steelhead fishing supports directly over 1,000 jobs. A single firm of that size would rank among the top 25 employers in the state. Should salmon runs be restored the combine direct job support would be ranked among the top dozen employers.¹¹

⁹ A Study of the Effects of Changing Federal Timber..., Ibid.

¹⁰ Ibid.

¹¹ Idaho Fact, Idaho Department of Commerce, Idaho Association of Commerce & Industry, Idaho Mining Association, Human Resource Department, 1992.

When both direct and indirect impacts are considered, steelhead fishing in Idaho supports over \$90 million in expenditures. This level of economic support is important not only to the river towns most directly affected, but also to the rest of the state. If a salmon fishery were reestablished total expenditures would be more than \$150 million and nearly 4,500 jobs would be supported. For the state's larger cities this impact may appear diffused. However, the bottom line reflects an important contribution to the state's economy of a reliable and continuing nature, supporting not only the river communities most directly affected, but also the entire state.

ATTACHMENT 1

Direct Expenditures in Communities

Lewiston

Percent	Reach	1	3	4	
Local	Percent	75%	90%	45%	SUM
	Fishing Days	19,591	74,742	8,953	
25%	Transportation	\$127,419.37	\$357,800.28	\$24,342.88	\$509,562.54
100%	Guide	\$372,213.07	\$258,668.84	\$23,728.14	\$654,610.05
25%	Food	\$47,685.97	\$229,965.15	\$18,060.71	\$295,711.83
25%	Tackle	\$32,832.17	\$145,221.46	\$17,655.47	\$195,709.11
100%	Lodging	\$74,193.32	\$506,810.17	\$45,577.12	\$626,580.60
100%	Pub CG	\$12,805.40	\$19,677.02	\$404.92	\$32,887.34
100%	Pvt CG	\$0.00	\$28,218.12	\$937.02	\$29,155.14
15%	Equipment	\$0.00	\$0.00	\$0.00	\$0.00
					\$2,344,217

[from model]
(1,000)

Row #	Lewiston SIC #	NAME	Base Local Sales	Lewiston	Percent of Total
84	74.0000	Eating & Drinking	\$3,207.0	\$197,141.2	6.1%
66	72.0100	Hotels & Lodging Places	\$7,120.9	\$626,580.6	8.8%
60	69.0200	Retail Trade	\$10,414.4	\$160,768.5	1.5%
93	76.0206	Other amuse/rec services	\$3,391.4	\$716,652.5	21.1%
			\$24,134	\$1,701,143	7.0%

Clarkston

Percent	Reach	1			
Local	Percent	25%			SUM
	Fishing Days	19,591			
25%	Transportation	\$42,473.12			\$42,473.12
100%	Guide	\$124,071.02			\$124,071.02
25%	Food	\$15,895.32			\$15,895.32
25%	Tackle	\$10,944.06			\$10,944.06
100%	Lodging	\$24,731.11			\$24,731.11
100%	Pub CG	\$4,268.47			\$4,268.47
100%	Pvt CG	\$0.00			\$0.00
15%	Equipment	\$0.00			\$0.00
					\$222,383

[from model]
(1,000)

Row #	Clarkston SIC #	NAME	Base Local Sales	Clarkston	Percent of Total
62	74.0000	Eating & Drinking	\$2,315.7	\$10,596.9	0.5%
47	72.0100	Hotels & Lodging Places	\$3,172.4	\$24,731.1	0.8%
42	69.0200	Retail Trade	\$6,341.0	\$11,743.1	0.2%
69	76.0206	Other amuse/rec services	\$1,149.2	\$128,339.5	11.2%
			\$12,978	\$175,411	1.4%

Orofino

Percent	Reach	3	4	5	6	SUM
Local	Percent	10%	30%	50%	100%	
	Fishing Days	74,742	8,953	12,388	1,263	
25%	Transportation	\$39,755.59	\$16,228.59	\$42,972.27	\$12,026.57	\$110,983.02
100%	Guide	\$28,740.98	\$15,818.76	\$15,114.14	\$0.00	\$59,673.88
25%	Food	\$25,551.68	\$12,040.47	\$31,552.87	\$2,445.31	\$71,590.34
25%	Tackle	\$16,135.72	\$11,770.31	\$18,623.46	\$922.69	\$47,452.18
100%	Lodging	\$56,312.24	\$30,384.74	\$40,750.81	\$1,403.33	\$128,851.13
100%	Pub CG	\$2,186.34	\$269.95	\$2,763.93	\$1,052.50	\$6,272.71
100%	Pvt CG	\$3,135.35	\$624.68	\$19,847.11	\$0.00	\$23,607.13
15%	Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
						\$448,430

Row #	Orofino SIC #	NAME	[from model] (1,000) Base Local Sales	Orofino	Percent of Total
46	74.0000	Eating & Drinking	\$636.1	\$47,726.9	7.5%
36	72.0100	Hotels & Lodging Places	\$514.6	\$128,851.1	25.0%
30	69.0200	Retail Trade	\$3,207.7	\$36,459.7	1.1%
50	76.0206	Other amuse/rec services	\$719.4	\$89,553.7	12.4%
			\$5,078	\$302,591	6.0%

Kamiah

Percent	Reach	4	
Local	Percent	5%	SUM
	Fishing Days	8,953	
100%	Transportation	\$7,747.00	\$7,747.00
0%	Guide	\$0.00	\$0.00
75%	Food	\$4,623.09	\$4,623.09
25%	Tackle	\$1,425.33	\$1,425.33
0%	Lodging	\$0.00	\$0.00
0%	Pub CG	\$0.00	\$0.00
0%	Pvt CG	\$0.00	\$0.00
0%	Equipment	\$0.00	\$0.00
			\$13,795

Row #	Kamiah SIC #	NAME	[from model] (1,000) Base Local Sales	Kamiah	Percent of Total
32	74.0000	Eating & Drinking	\$57.2	\$3,082.1	5.4%
24	72.0100	Hotels & Lodging Places	\$173.1	\$0.0	0.0%
19	69.0200	Retail Trade	\$1,187.0	\$2,142.7	0.2%
36	76.0206	Other amuse/rec services	\$9.0	\$0.0	0.0%
			\$1,426	\$5,225	0.4%

Grangeville

	Reach	2	4	7	10	Oxbow	
Percent	Percent	33%	10%	33%	25%	33%	SUM
Local	Fishing Days	5,073	8,953	3,557	9,140	2,701	
25%	Transportation	\$10,810.82	\$5,409.53	\$2,502.89	\$11,052.36	\$4,596.26	\$34,371.87
100%	Guide	\$35,462.32	\$5,272.92	\$0.00	\$13,866.78	\$7,002.30	\$61,604.32
25%	Food	\$5,429.85	\$4,013.49	\$1,410.56	\$7,814.43	\$3,487.57	\$22,155.90
25%	Tackle	\$7,153.46	\$3,923.44	\$1,809.90	\$4,423.28	\$2,145.96	\$19,456.04
100%	Lodging	\$7,083.21	\$10,128.25	\$0.00	\$4,643.03	\$5,332.21	\$27,186.70
100%	Pub CG	\$461.76	\$89.98	\$0.00	\$702.43	\$241.46	\$1,495.63
100%	Pvt CG	\$1,044.25	\$208.23	\$0.00	\$529.74	\$0.00	\$1,782.22
15%	Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
							\$168,053

Row #	Grangeville SIC #	NAME	[from model] (1,000) Base Local Sales	Grangeville	Percent of Total
56	74.0000	Eating & Drinking	\$788.2	\$14,770.6	1.9%
45	72.0100	Hotels & Lodging Places	\$783.4	\$27,186.7	3.5%
40	69.0200	Retail Trade	\$1,189.7	\$12,242.6	1.0%
60	76.0206	Other amuse/rec services	\$683.9	\$64,882.2	9.5%
			\$3,445	\$119,082	3.5%

Kooskia

	Reach	4	5	7	
Percent	Percent	10%	50%	33%	SUM
Local	Fishing Days	8,953	12,388	3,557	
25%	Transportation	\$5,409.53	\$42,972.27	\$11,278.89	
100%	Guide	\$5,272.92	\$15,114.14	\$0.00	\$20,387.06
25%	Food	\$4,013.49	\$31,552.87	\$2,293.29	\$37,859.65
25%	Tackle	\$3,923.44	\$18,623.46	\$865.33	\$23,412.23
100%	Lodging	\$10,128.25	\$40,750.81	\$1,316.09	\$52,195.15
100%	Pub CG	\$89.98	\$2,763.93	\$987.07	\$3,840.98
100%	Pvt CG	\$208.23	\$19,847.11	\$0.00	\$20,055.34
15%	Equipment	\$0.00	\$0.00	\$0.00	\$0.00
					\$157,750

Row #	Kooskia SIC #	NAME	[from model] (1,000) Base Local Sales	Kooskia	Percent of Total
28	74.0000	Eating & Drinking	\$215.0	\$25,239.8	11.7%
23	72.0100	Hotels & Lodging Places	\$783.4	\$52,195.1	6.7%
20	69.0200	Retail Trade	\$936.2	\$7,206.4	0.8%
31	76.0206	Other amuse/rec services	\$427.4	\$44,283.4	10.4%
			\$2,362	\$128,925	5.5%

Elk City

Percent	Reach	7	
Local	Percent	33%	SUM
	Fishing Days	3,557	
25%	Transportation	\$2,502.89	\$2,502.89
100%	Guide	\$0.00	\$0.00
25%	Food	\$1,410.56	\$1,410.56
25%	Tackle	\$1,809.90	\$1,809.90
100%	Lodging	\$0.00	\$0.00
100%	Pub CG	\$0.00	\$0.00
100%	Pvt CG	\$0.00	\$0.00
15%	Equipment	\$0.00	\$0.00
			\$5,723

[from model]
(1,000)

Row #	Elk City SIC #	NAME	Base Local Sales	Elk City	Percent of Total
18	74.0000	Eating & Drinking	\$376.2	\$1,410.6	0.4%
17	72.0100	Hotels & Lodging Places	\$652.9	\$0.0	0.0%
15	69.0200	Retail Trade	\$74.3	\$4,312.8	5.8%
20	76.0206	Other amuse/rec services	\$256.5	\$0.0	0.0%
			\$1,360	\$5,723	0.4%

Whitebird

Percent	Reach	2	10	14	Oxbow	
Local	Percent	33%	50%	25%	33%	SUM
	Fishing Days	5,073	9,140	7,781	2,701	
25%	Transportation	\$10,810.82	\$24,308.02	\$11,753.48	\$6,240.02	\$53,112.34
100%	Guide	\$35,462.32	\$17,573.29	\$11,456.66	\$2,194.73	\$66,687.00
25%	Food	\$5,429.85	\$15,623.24	\$8,720.25	\$4,581.80	\$34,355.14
25%	Tackle	\$7,153.46	\$9,865.97	\$8,524.59	\$2,704.32	\$28,248.34
100%	Lodging	\$7,083.21	\$34,431.37	\$22,006.00	\$5,917.44	\$69,438.03
100%	Pub CG	\$461.76	\$1,336.81	\$195.51	\$401.35	\$2,395.42
100%	Pvt CG	\$1,044.25	\$1,917.07	\$452.42	\$2,882.01	\$6,295.75
15%	Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
						\$260,532

[from model]
(1,000)

Row #	Whitebird SIC #	NAME	Base Local Sales	Whitebird	Percent of Total
11	74.0000	Eating & Drinking	\$240.0	\$22,903.4	9.5%
10	72.0100	Hotels & Lodging Places	\$261.1	\$69,438.0	26.6%
9	69.0200	Retail Trade	\$199.1	\$18,562.5	9.3%
13	76.0206	Other amuse/rec services	\$85.5	\$75,378.2	88.2%
			\$786	\$186,282	23.7%

Riggins										
Percent	Reach	2	10	11	12	13	14	20	Oxbow	
Local	Percent	33%	25%	100%	100%	100%	25%	100%	33%	SUM
25%	Fishing Days	5,073	9,140	12,922	4,852	1,778	7,781	4,045	2,701	
100%	Transportation	\$10,810.82	\$11,052.36	\$76,788.02	\$31,796.06	\$11,764.89	\$13,318.22	\$21,696.63	\$4,596.26	\$181,823.27
25%	Guide	\$35,462.32	\$13,866.78	\$129,109.51	\$60,596.59	\$187,899.04	\$73,284.90	\$0.00	\$7,002.30	\$507,221.44
25%	Food	\$5,429.85	\$7,814.43	\$46,987.27	\$19,247.77	\$6,217.53	\$8,826.48	\$19,277.24	\$3,487.57	\$117,288.13
25%	Tackle	\$7,153.46	\$4,423.28	\$28,140.92	\$9,662.96	\$4,193.34	\$3,911.51	\$11,792.70	\$2,145.96	\$71,424.14
100%	Lodging	\$7,083.21	\$4,643.03	\$91,138.92	\$46,381.30	\$18,655.32	\$11,003.05	\$59,267.78	\$5,332.21	\$243,504.82
100%	Pub CG	\$461.76	\$702.43	\$2,145.42	\$1,288.62	\$0.00	\$125.29	\$0.00	\$241.46	\$4,964.98
100%	Pvt CG	\$1,044.25	\$529.74	\$3,399.09	\$1,511.26	\$0.00	\$54.47	\$0.00	\$0.00	\$6,538.82
15%	Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
										\$228,730
										\$1,132,766

Row #	Riggins SIC #	NAME	[from model] (1,000)		Percent of Total
			Base Local Sales	Riggins	
24	74.0000	Eating & Drinking	\$967.3	\$78,192.1	8.1%
20	72.0100	Hotels & Lodging Places	\$1,305.7	\$243,504.8	18.6%
18	69.0200	Retail Trade	\$980.8	\$58,468.7	6.0%
26	76.0206	Other amuse/rec services	\$1,025.8	\$518,725.2	50.6%
			\$4,280	\$898,891	21.0%

CHALLIS

Percent	Reach	17	18	19	
Local	Percent	25%	75%	50%	SUM
	Fishing Days	5,744	6,043	4,997	
25%	Transportation	\$6,198.26	\$19,608.71	\$14,247.02	\$40,053.99
100%	Guide	\$338.74	\$11,548.77	\$25,232.38	\$37,119.89
25%	Food	\$4,879.70	\$15,602.20	\$11,383.02	\$31,864.92
25%	Tackle	\$3,768.49	\$14,430.83	\$8,664.66	\$26,863.98
100%	Lodging	\$5,781.05	\$22,874.63	\$13,058.99	\$41,714.67
100%	Pub CG	\$624.85	\$725.92	\$445.28	\$1,796.05
100%	Pvt CG	\$457.30	\$13.20	\$0.00	\$470.50
15%	Equipment	\$0.00	\$0.00	\$0.00	\$0.00
					\$179,884

[from model]
(1,000)

Row #	Challis SIC #	NAME	Base Local Sales	Challis	Percent of Total
32	74.0000	Eating & Drinking	\$1,270.8	\$21,243.3	1.7%
26	72.0100	Hotels & Lodging Places	\$420.3	\$41,714.7	9.9%
22	69.0200	Retail Trade	\$4,639.2	\$15,507.9	0.3%
35	76.0206	Other amuse/rec services	\$180.3	\$39,386.4	21.8%
			\$6,511	\$117,852	1.8%

STANLEY

	Reach	18	19	
Percent	Percent	25%	50%	SUM
Local	Fishing Days	6,043	4,997	
25%	Transportation	\$6,536.24	\$14,247.02	\$20,783.25
100%	Guide	\$3,849.59	\$25,232.38	\$29,081.97
25%	Food	\$5,200.73	\$11,383.02	\$16,583.75
25%	Tackle	\$4,810.28	\$8,664.66	\$13,474.94
100%	Lodging	\$7,624.88	\$13,058.99	\$20,683.87
100%	Pub CG	\$241.97	\$445.28	\$687.25
100%	Pvt CG	\$4.40	\$0.00	\$4.40
15%	Equipment	\$0.00	\$0.00	\$0.00
				\$101,299

[from model]
(1,000)

Row #	Stanley SIC #	NAME	Base Local Sales	Stanley	Percent of Total
16	74.0000	Eating & Drinking	\$2,065.0	\$11,055.8	0.5%
14	72.0100	Hotels & Lodging Places	\$614.2	\$20,683.9	3.4%
12	69.0200	Retail Trade	\$824.7	\$7,957.2	1.0%
18	76.0206	Other amuse/rec services	\$613.4	\$29,773.6	4.9%
			\$4,117	\$69,471	1.7%

SALMON

	Reach	14	15	16	17	
Percent	Percent	25%	50%	50%	75%	SUM
Local	Fishing Days	7,781	24,079	6,692	5,744	
25%	Transportation	\$13,318.22	\$77,604.46	\$19,033.13	\$18,594.79	\$128,550.60
100%	Guide	\$73,284.90	\$19,384.00	\$10,234.04	\$1,016.23	\$103,919.17
25%	Food	\$8,826.48	\$58,880.77	\$13,650.28	\$14,639.11	\$95,996.64
25%	Tackle	\$3,911.51	\$27,444.87	\$7,544.34	\$11,305.48	\$50,206.20
100%	Lodging	\$11,003.05	\$67,784.61	\$29,333.18	\$17,343.16	\$125,464.00
100%	Pub CG	\$125.29	\$3,017.69	\$243.77	\$1,874.56	\$5,261.30
100%	Pvt CG	\$54.47	\$2,941.32	\$0.00	\$1,371.91	\$4,367.70
15%	Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
						\$513,766

[from model]
(1,000)

Row #	Salmon SIC #	NAME	Base Local Sales	Salmon	Percent of Total
44	74.0000	Eating & Drinking	\$4,397.8	\$95,996.6	2.2%
35	72.0100	Hotels & Lodging Places	\$1,062.9	\$135,093.0	12.7%
31	69.0200	Retail Trade	\$12,731.4	\$282,676.0	2.2%
49	76.0206	Other amuse/rec services	\$908.5	\$113,548.2	12.5%
			\$19,101	\$627,314	3.3%

NORTH FORK

	Reach	14	15	16	
Percent	Percent	25%	50%	50%	SUM
Local	Fishing Days	7,781	24,079	6,692	
25%	Transportation	\$9,831.62	\$19,476.05	\$14,212.28	\$43,519.95
100%	Guide	\$54,099.53	\$4,864.72	\$7,641.88	\$66,606.13
25%	Food	\$6,515.78	\$14,777.05	\$10,192.84	\$31,485.67
25%	Tackle	\$2,887.51	\$6,887.72	\$5,633.46	\$15,408.68
100%	Lodging	\$8,122.54	\$17,011.60	\$21,903.45	\$47,037.60
100%	Pub CG	\$92.49	\$757.34	\$182.02	\$1,031.85
100%	Pvt CG	\$40.21	\$738.17	\$0.00	\$778.38
15%	Equipment	\$0.00	\$0.00	\$0.00	\$0.00
					\$205,868

[from model]
(1,000)

Row #	North Fork SIC #	NAME	Base Local Sales	North Fork	Percent of Total
16	74.0000	Eating & Drinking	\$1,191.4	\$20,990.4	1.8%
14	72.0100	Hotels & Lodging Places	\$676.3	\$47,037.6	7.0%
12	69.0200	Retail Trade	\$347.2	\$13,884.8	4.0%
17	76.0206	Other amuse/rec services	\$147.5	\$68,416.4	46.4%
			\$2,362	\$150,329	6.4%

ATTACHMENT 2

Description of River Sections Idaho Department of Fish & Game

1. Snake River, below Salmon River
2. Snake River, above Salmon River to Hells Canyon Dam
3. Clearwater River, below Orofino Bridge
4. Clearwater River, above Orofino Bridge
5. North Fork Clearwater River, from mouth to Dworshak Dam
6. Middle Fork Clearwater River
7. South Fork Clearwater River
10. Salmon River, below White Bird Creek
11. Salmon River, White Bird Creek to Little Salmon
12. Salmon River, Little Salmon to Vinegar Creek
13. Salmon River, Vinegar Creek to South Fork
14. Salmon River, South Fork to Middle Fork
15. Salmon River, Middle Fork to North Fork
16. Salmon River, North Fork to Lemhi River
17. Salmon River, Lemhi River to Pahsimeroi River
18. Salmon River, Pahsimeroi River to East Fork
19. Salmon River, above East Fork
20. Little Salmon River
27. Snake River, Oxbow
28. Boise River
30. Payette River

ATTACHMENT 3

Hierarchy of Dominance of Communities

Northcentral Region

Lewiston/Clarkston

Grangeville

Orofino

Kamiah

Kooskia

Elk City

White Bird

Riggins

Upper Salmon Region

Challis

Stanley

Salmon

North Fork

ATTACHMENT 4

Model Output for each Community

Location

		Base Sales (\$1,000)	Change Sales (\$1,000)	Percent Change	Base V Added (\$1,000)	Change V Added (\$1,000)	Percent Change	Base Earnings (\$1,000)	Change Earnings (\$1,000)	Percent Change	Base Employment	Change Employment	
1	1 0000	FARM	\$58,318.5	\$58,318.5	100.0%	\$14,510.8	\$14,510.8	100.0%	\$8,864.8	\$8,864.8	100.0%	428.0	428.0
2	3 0001	Forestry Products	\$47.0	\$47.0	100.0%	\$37.1	\$37.1	100.0%	\$20.1	\$20.1	100.0%	1.3	1.3
3	3 0002	Commercial Farm	\$33.2	\$33.2	100.0%	\$17.4	\$17.4	100.0%	\$13.9	\$13.9	100.0%	5.0	5.1
4	4 0001	Agriculture, Forest	\$4,462.0	\$4,462.2	100.0%	\$2,892.2	\$2,892.2	100.0%	\$2,313.8	\$2,313.8	100.0%	187.5	187.5
5	4 0002	Landscape And Int	\$440.5	\$444.3	101.5%	\$189.7	\$181.6	101.5%	\$122.7	\$124.5	101.5%	10.1	10.2
6	6 0200	Nonferrous metal c	\$100.0	\$100.1	100.1%	\$58.3	\$59.4	100.1%	\$19.9	\$19.8	100.1%	1.3	1.3
7	6 0900	Nature Gas Liquid	\$18.4	\$18.4	100.1%	\$13.5	\$13.5	100.1%	\$1.3	\$1.3	100.1%	1.3	1.3
8	8 0002	Sand And Gravel	\$6,422.7	\$6,427.4	100.1%	\$3,450.3	\$3,453.3	100.1%	\$1,562.8	\$1,564.1	100.1%	54.1	54.1
9	11 0000	Construction	\$81,283.0	\$81,347.2	100.1%	\$38,131.2	\$38,171.7	100.1%	\$28,195.2	\$28,224.4	100.1%	918.4	918.4
10	13 0800	Small Arms Ammu	\$57,121.1	\$57,121.1	100.0%	\$32,384.8	\$32,384.8	100.0%	\$18,236.7	\$18,236.7	100.0%	518.5	518.5
11	14 0800	Fluid Mills	\$6,443.9	\$6,452.7	100.1%	\$1,498.0	\$1,498.0	100.1%	\$782.7	\$783.8	100.1%	33.4	33.4
12	14 1301	Frozen Fruits, Juic	\$23,545.1	\$23,547.2	100.0%	\$8,478.0	\$8,478.5	100.0%	\$2,817.5	\$2,817.8	100.0%	87.9	87.9
13	14 2200	Bottled And Canne	\$14,456.4	\$14,464.7	100.1%	\$4,988.1	\$5,001.0	100.1%	\$1,696.9	\$1,697.9	100.1%	60.0	60.0
14	14 3000	Manufactured Ice	\$21.4	\$21.5	100.2%	\$12.0	\$12.0	100.2%	\$6.9	\$6.9	100.2%	0.8	0.8
15	18 0301	Textile Bags	\$197.4	\$197.5	100.0%	\$70.9	\$70.9	100.0%	\$55.2	\$55.2	100.0%	6.1	6.1
16	18 0302	Canvas Products	\$104.3	\$104.3	100.2%	\$54.3	\$54.4	100.2%	\$26.8	\$26.7	100.2%	3.8	3.8
17	20 0100	Logging Camps And	\$23,754.3	\$23,754.3	100.0%	\$7,771.3	\$7,771.3	100.0%	\$4,113.4	\$4,113.4	100.0%	86.5	86.5
18	20 0200	Sawing And Plan	\$72,384.1	\$72,384.1	100.0%	\$28,170.3	\$28,170.3	100.0%	\$21,172.5	\$21,172.5	100.0%	499.5	499.5
19	20 0701	Structural Wood M	\$1,125.7	\$1,125.9	100.0%	\$475.9	\$475.9	100.0%	\$51.8	\$52.0	100.1%	4.6	4.6
20	23 0100	Wood Office Furn	\$142.8	\$142.7	100.1%	\$67.7	\$67.7	100.1%	\$52.0	\$52.0	100.1%	8.9	8.9
21	24 0200	Paper Mills, Excep	\$257.8	\$258.1	100.2%	\$84.6	\$84.8	100.2%	\$44.8	\$44.7	100.2%	1.5	1.5
22	24 0300	Paperboard Mills	\$553,915.1	\$553,915.1	100.0%	\$175,448.7	\$175,448.7	100.0%	\$72,830.1	\$72,830.1	100.0%	1,407.5	1,407.5
23	25 0000	Paperboard Conts	\$2,988.7	\$2,970.1	100.0%	\$1,000.5	\$1,001.0	100.0%	\$526.3	\$526.5	100.0%	15.2	15.2
24	26 0100	Newspapers	\$5,710.7	\$5,722.2	100.2%	\$2,862.2	\$2,868.0	100.2%	\$1,745.4	\$1,748.9	100.2%	92.6	92.6
25	26 0301	Book Publishing	\$625.5	\$626.4	100.1%	\$307.9	\$308.3	100.1%	\$107.7	\$107.9	100.1%	3.8	3.8
26	26 0400	Miscellaneous Pub	\$845.1	\$846.8	100.2%	\$520.8	\$521.4	100.2%	\$238.9	\$240.3	100.2%	12.1	12.2
27	26 0501	Commercial Printi	\$3,571.3	\$3,578.5	100.2%	\$1,796.1	\$1,796.7	100.2%	\$838.8	\$840.7	100.2%	41.0	41.1
28	27 0202	Fertilizers, Mixing C	\$180.6	\$180.8	100.0%	\$122.2	\$122.2	100.0%	\$87.8	\$87.8	100.0%	3.0	3.0
29	34 0702	Feed Exchanges I	\$89.4	\$89.5	100.1%	\$89.0	\$89.1	100.1%	\$68.0	\$68.1	100.1%	13.7	13.7
30	36 1200	Ready-mixed Conc	\$2,366.3	\$2,367.2	100.1%	\$341.4	\$341.7	100.1%	\$162.4	\$162.5	100.1%	8.8	8.8
31	40 0300	Heating Equipment	\$711.4	\$711.9	100.1%	\$341.4	\$341.7	100.1%	\$162.4	\$162.5	100.1%	15.2	15.2
32	41 0100	Screw Machine Prc	\$977.8	\$978.7	100.1%	\$551.4	\$552.0	100.1%	\$182.5	\$182.5	100.0%	8.4	8.4
33	42 0401	Plating And Polish	\$421.0	\$421.0	100.0%	\$228.1	\$228.2	100.0%	\$182.5	\$182.5	100.0%	9.9	9.9
34	44 0001	Farm Machinery Ar	\$1,081.7	\$1,082.3	100.1%	\$475.9	\$476.2	100.1%	\$225.5	\$225.8	100.1%	3.8	3.8
35	47 0401	Power Driven Harc	\$542.8	\$542.9	100.0%	\$282.5	\$282.6	100.0%	\$115.3	\$115.3	100.0%	3.8	3.8
36	50 0002	Industrial Machin	\$2,908.2	\$2,910.9	100.1%	\$1,736.2	\$1,737.2	100.1%	\$1,108.8	\$1,108.4	100.1%	33.4	33.4
37	50 0100	Electric Lamp	\$885.2	\$887.4	100.2%	\$485.7	\$486.9	100.2%	\$203.2	\$203.7	100.2%	11.4	11.4
38	54 0300	Telephone And Te	\$45.0	\$45.0	100.1%	\$20.1	\$20.1	100.1%	\$12.3	\$12.3	100.1%	0.8	0.8
39	61 0200	Boat Building And	\$1,813.9	\$1,820.1	100.3%	\$1,102.5	\$1,106.2	100.3%	\$387.8	\$389.0	100.3%	19.0	19.0
40	61 0700	Transportation Eq	\$1,362.3	\$1,362.9	100.0%	\$453.5	\$453.7	100.0%	\$214.6	\$214.7	100.0%	10.8	10.8
41	62 0600	Dental Equipment	\$68.4	\$68.4	100.0%	\$32.8	\$32.8	100.0%	\$18.2	\$18.2	100.0%	0.8	0.8
42	64 0400	Sporting And Athle	\$1,381.5	\$1,384.2	100.2%	\$627.0	\$629.3	100.2%	\$342.0	\$342.5	100.2%	23.5	23.6
43	64 0600	Manufacturing Indu	\$3,882.2	\$3,882.5	100.0%	\$1,180.9	\$1,181.0	100.0%	\$713.2	\$713.3	100.0%	47.1	47.1
44	64 1100	Signs And Advertis	\$480.3	\$481.0	100.2%	\$240.8	\$241.0	100.2%	\$136.8	\$136.8	100.2%	8.1	8.1
45	65 0100	Railroads And Rai	\$10,940.3	\$10,940.3	100.0%	\$4,078.1	\$4,078.1	100.0%	\$3,940.9	\$3,940.9	100.0%	78.4	78.4
46	65 0200	Local, Interurban P	\$248.9	\$248.9	100.2%	\$147.4	\$147.7	100.2%	\$108.9	\$107.1	100.2%	7.8	7.8
47	65 0300	Motor Freight Tran	\$29,644.2	\$29,680.6	100.1%	\$23,688.8	\$23,681.8	100.1%	\$13,881.1	\$13,888.8	100.1%	560.0	560.3
48	65 0400	Water Transporta	\$3,857.2	\$3,860.2	100.1%	\$1,352.9	\$1,354.0	100.1%	\$1,082.3	\$1,083.2	100.1%	41.4	41.4
49	65 0500	Air Transportation	\$4,083.0	\$4,087.1	100.1%	\$2,083.5	\$2,086.6	100.1%	\$1,330.2	\$1,331.6	100.1%	46.8	46.8
50	65 0701	Transportation Ser	\$190.9	\$191.0	100.1%	\$153.1	\$153.2	100.1%	\$122.5	\$122.6	100.1%	9.5	9.5
51	66 0000	Communications, I	\$6,351.4	\$6,381.4	100.2%	\$5,344.1	\$5,362.5	100.2%	\$1,548.3	\$1,560.8	100.2%	21.8	21.8
52	67 0000	Radio And Tv Broa	\$4,336.5	\$4,346.7	100.2%	\$3,371.1	\$3,378.8	100.2%	\$1,981.3	\$1,986.8	100.2%	84.5	84.7
53	68 0100	Electronic Equipm	\$17,422.4	\$17,424.2	100.1%	\$8,877.3	\$8,887.9	100.1%	\$2,000.7	\$2,003.1	100.1%	44.8	44.9
54	68 0302	Safety Services I	\$1,075.2	\$1,078.3	100.1%	\$458.8	\$458.8	100.1%	\$322.5	\$322.8	100.1%	15.5	15.5
55	68 0100	Wholesale Trade	\$40,429.9	\$40,462.6	100.1%	\$30,309.8	\$30,333.8	100.1%	\$15,050.4	\$15,062.8	100.1%	878.4	878.9
56	68 0200	Retail Trade	\$104,144.7	\$104,406.0	100.3%	\$68,888.8	\$68,937.3	100.3%	\$40,820.8	\$40,823.2	100.3%	2,989.1	2,989.4
57	70 0100	Banking	\$18,054.5	\$18,088.8	100.2%	\$11,995.4	\$12,018.8	100.2%	\$6,666.3	\$6,678.4	100.2%	188.6	188.6
58	70 0200	Credit Agencies	\$8,718.7	\$8,731.3	100.2%	\$3,584.3	\$3,584.1	100.2%	\$2,830.3	\$2,836.5	100.2%	98.3	98.3
59	70 0300	Security And Con	\$1,683.0	\$1,685.0	100.1%	\$1,079.2	\$1,080.4	100.1%	\$735.2	\$738.1	100.1%	30.5	30.5
60	70 0400	Insurance	\$18,865.3	\$18,887.6	100.1%	\$14,627.8	\$14,645.1	100.1%	\$10,844.7	\$10,868.5	100.1%	416.9	417.4
61	71 0200	Real Estate	\$40,085.8	\$40,233.2	100.3%	\$28,512.3	\$28,610.0	100.3%	\$1,834.9	\$1,843.5	100.3%	432.1	433.6
62	72 0100	Hotels And Lodgin	\$7,120.9	\$7,147.5	100.8%	\$4,588.2	\$4,570.2	100.8%	\$2,728.2	\$2,768.3	100.8%	214.3	223.2
63	72 0201	Laundry, Cleanin	\$6,033.4	\$6,038.8	100.1%	\$3,756.1	\$3,758.1	100.1%	\$2,943.4	\$2,946.5	100.1%	238.7	238.9
64	72 0202	Funeral Service An	\$1,814.1	\$1,815.5	100.1%	\$837.2	\$838.0	100.1%	\$727.1	\$727.8	100.1%	26.2	26.2
65	72 0203	Funeral And Photo	\$829.3	\$829.8	100.1%	\$529.8	\$529.5	100.1%	\$302.0	\$302.4	100.1%	43.1	43.1
66	72 0204	Electrical Repar S	\$1,204.7	\$1,207.8	100.2%	\$622.7	\$624.8	100.2%	\$628.8	\$630.2	100.2%	50.5	50.7
67	72 0300	Beauty And Barber	\$2,987.6	\$3,003.0	100.2%	\$2,281.9	\$2,298.0	100.2%	\$1,815.7	\$1,818.9	100.2%	172.2	172.5
68	73 0101	Miscellaneous Rep	\$3,818.0	\$3,829.3	100.3%	\$2,448.3	\$2,458.9	100.3%	\$1,111.2	\$1,114.1	100.3%	108.6	108.8
69	73 0102	Services To Build	\$2,207.6	\$2,213.3	100.3%	\$1,837.9	\$1,842.1	100.3%	\$3,679.4	\$3,686.2	100.2%	188.4	188.6
70	73 0103	Personal Supply	\$4,401.8	\$4,408.9	100.2%	\$4,588.2	\$4,607.8	100.2%	\$3,679.4	\$3,686.2	100.2%	28.2	28.2
71	73 0104	Computer And Out	\$1,656.8	\$1,658.8	100.1%	\$1,235.0	\$1,235.8	100.1%	\$843.8	\$844.1	100.1%	362.8	363.2
72	73 0105	Management And I	\$22,154.9	\$22,181.9	100.1%	\$14,774.3	\$14,782.3	100.1%	\$11,818.4	\$11,833.8	100.1%	103.9	104.0
73	73 0106	Detective And Prot	\$2,589.9	\$2,573.8	100.1%	\$1,949.9	\$1,952.8	100.1%	\$758.8	\$760.8	100.1%	19.7	19.7
74	73 0107	Equipment Rental	\$2,373.0	\$2,378.5	100.1%	\$1,981.7	\$1,984.8	100.1%	\$1,513.7	\$1,518.0	100.1%	19.7	19.7
75	73 0108	Photofinishing, Co	\$1,483.8	\$1,487.8	100.3%	\$853.3	\$853.4	100.3%	\$613.4	\$615.0	100.3%	48.7	48.8
76	73 0108	Other Business Se	\$1,363.8	\$1,360.0	100.5%	\$1,061.2	\$1,061.2	100.5%	\$483.5	\$486.8	100.5%	44.0	44.2
77	73 0200	Advertising	\$1,043.3	\$1,045.7	100.2%	\$681.5	\$683.0	100.2%	\$438.3	\$440.1	100.2%	25.3	25.3
78	73 0301	Legal Services	\$8,902.4	\$8,914.7	100.2%	\$6,983.0	\$6,983.7	100.2%	\$4,383.3	\$4,401.1	100.2%	133.8	134.1
79	73 0303	Accounting, Audit	\$1,028.5	\$1,028.5	100.2%	\$825.8	\$825.8	100.2%	\$462.8	\$463.7	100.2%	30.9	30.9
80	74 0000	Eating & Drinkin	\$32,071.8	\$32,323.9	100.8%	\$15,860.1	\$16,086.6	100.8%	\$8,538.3	\$8,514.3	100.8%	1,048.2	1,056.4
81	75 0001	Automobile Rental	\$882.5	\$883.4	100.1%	\$481.7	\$482.3	100.1%	\$201.2	\$201.4	100.1%	18.7	18.7
82	75 0002	Automobile Repar	\$14,982.8	\$14,987.4	100.1%	\$7,031.9	\$7,038.8	100.1%	\$4,088.0	\$4,103.0	100.1%	218.9	220.1
83	75 0003	Automobile Part	\$108.1	\$108.5	100.4%	\$74.8	\$75.1	1					

Clarkston

		Base Sales -(\$1,000)-	Change Sales -(\$1,000)-	Percent Change	Base V Added -(\$1,000)-	Change V Added -(\$1,000)-	Percent Change	Base Eams -(\$1,000)-	Change Eams -(\$1,000)-	Percent Change	Base Emplmmt	Change Emplmmt	Percent Change
1	1 0000 FARM	\$18,430.2	\$18,430.2	100.0%	\$3,307.7	\$3,307.7	100.0%	\$2,050.4	\$2,050.4	100.0%	164.0	164.0	100.0%
2	3 0001 Forestry Products	\$435.9	\$436.9	100.0%	\$241.5	\$241.5	100.0%	\$116.5	\$116.5	100.0%	5.5	5.5	100.0%
3	3 0002 Commercial Fishing	\$220.6	\$220.7	100.1%	\$123.4	\$123.5	100.1%	\$98.7	\$98.8	100.1%	3.7	3.7	100.1%
4	4 0001 Agricultural, Forestry, Fishery	\$609.2	\$609.2	100.0%	\$279.3	\$279.3	100.0%	\$223.4	\$223.4	100.0%	22.0	22.0	100.0%
5	4 0002 Landscape And Horticultural	\$632.1	\$633.3	100.2%	\$271.1	\$271.8	100.2%	\$181.4	\$181.7	100.2%	19.2	19.3	100.2%
6	6 0200 Nonferrous metal ores	\$121.6	\$121.6	100.0%	\$68.9	\$68.9	100.0%	\$21.4	\$21.4	100.0%	0.8	0.8	100.0%
7	8 0000 Natural Gas Liquids/Crude Pt	\$727.1	\$728.0	100.1%	\$524.3	\$524.9	100.1%	\$77.3	\$77.4	100.1%	3.2	3.2	100.1%
8	9 0001 Dimension Stone	\$61.4	\$61.4	100.0%	\$40.8	\$40.8	100.0%	\$13.3	\$13.3	100.0%	0.8	0.8	100.0%
9	9 0002 Sand And Gravel	\$111.1	\$111.1	100.0%	\$71.4	\$71.4	100.0%	\$26.4	\$26.4	100.0%	0.8	0.8	100.0%
10	11 0000 Construction	\$27,726.7	\$27,746.2	100.0%	\$13,287.1	\$13,291.7	100.0%	\$9,604.0	\$9,607.3	100.0%	358.4	358.5	100.0%
11	14 0101 Meat Packing Plants	\$1,287.7	\$1,288.9	100.1%	\$122.0	\$122.1	100.1%	\$68.5	\$68.6	100.1%	4.2	4.2	100.1%
12	14 1801 Bread, Cake, And Related Ph	\$338.4	\$338.8	100.1%	\$220.8	\$221.0	100.1%	\$75.0	\$75.0	100.1%	3.4	3.4	100.1%
13	20 0100 Logging Camps And Logging	\$194.2	\$194.2	100.0%	\$63.5	\$63.5	100.0%	\$27.9	\$27.9	100.0%	0.8	0.8	100.0%
14	20 0200 Sawmills And Planing Mills, C	\$14,358.6	\$14,358.6	100.0%	\$5,781.8	\$5,781.8	100.0%	\$3,981.8	\$3,981.8	100.0%	114.3	114.3	100.0%
15	20 0502 Wood Kitchen Cabinets	\$411.5	\$411.5	100.0%	\$206.1	\$206.1	100.0%	\$132.1	\$132.1	100.0%	5.1	5.1	100.0%
16	22 0300 Metal Household Furniture	\$289.2	\$289.3	100.0%	\$108.8	\$108.9	100.0%	\$58.8	\$58.8	100.0%	5.1	5.1	100.0%
17	23 0100 Wood Office Furniture	\$508.5	\$508.6	100.0%	\$229.7	\$229.7	100.0%	\$184.5	\$184.5	100.0%	11.9	11.9	100.0%
18	26 0100 Newspapers	\$100.5	\$100.6	100.2%	\$90.0	\$90.1	100.2%	\$30.3	\$30.4	100.2%	1.7	1.7	100.2%
19	26 0501 Commercial Printing	\$402.9	\$403.8	100.2%	\$202.6	\$203.0	100.2%	\$107.0	\$107.1	100.2%	5.9	5.9	100.2%
20	32 0400 Miscellaneous Plastics Prod.	\$2,358.5	\$2,360.7	100.1%	\$1,015.3	\$1,016.3	100.1%	\$429.9	\$430.3	100.1%	25.4	25.4	100.1%
21	36 1000 Concrete Block And Brick	\$504.5	\$504.5	100.0%	\$249.4	\$249.4	100.0%	\$99.0	\$99.0	100.0%	5.9	5.9	100.0%
22	36 1200 Ready-mixed Concrete	\$2,082.2	\$2,082.3	100.0%	\$751.9	\$751.9	100.0%	\$359.0	\$359.0	100.0%	18.6	18.6	100.0%
23	38 0100 Aluminum Foundries	\$296.3	\$296.4	100.0%	\$173.5	\$173.5	100.0%	\$100.3	\$100.3	100.0%	3.4	3.4	100.0%
24	42 0300 Hardware, N.E.C.	\$213.4	\$213.5	100.0%	\$105.8	\$105.9	100.0%	\$55.8	\$55.8	100.0%	2.5	2.5	100.0%
25	61 0100 Ship Building And Repairing	\$484.7	\$484.9	100.0%	\$282.1	\$282.2	100.0%	\$160.4	\$160.4	100.0%	5.1	5.1	100.0%
26	61 0200 Boat Building And Repairing	\$4,199.8	\$4,200.2	100.0%	\$2,554.8	\$2,554.8	100.0%	\$935.2	\$935.3	100.0%	40.6	40.6	100.0%
27	61 0700 Transportation Equipment, N.	\$631.2	\$631.2	100.0%	\$210.5	\$210.5	100.0%	\$102.3	\$102.3	100.0%	5.9	5.9	100.0%
28	63 0200 Ophthalmic Goods	\$36.8	\$36.9	100.1%	\$32.1	\$32.2	100.1%	\$25.7	\$25.7	100.1%	1.7	1.7	100.1%
29	65 0200 Local, Interurban Passenger	\$477.0	\$477.7	100.1%	\$283.2	\$283.6	100.1%	\$187.1	\$187.3	100.1%	14.3	14.3	100.1%
30	65 0300 Motor Freight Transport And	\$1,128.6	\$1,129.6	100.1%	\$901.4	\$902.2	100.1%	\$488.8	\$489.2	100.1%	27.5	27.5	100.1%
31	65 0400 Water Transportation	\$866.9	\$867.2	100.0%	\$270.3	\$270.4	100.0%	\$210.5	\$210.5	100.0%	6.6	6.6	100.0%
32	65 0500 Air Transportation	\$584.8	\$585.2	100.1%	\$297.8	\$298.2	100.1%	\$198.8	\$199.0	100.1%	8.8	8.8	100.1%
33	65 0701 Transportation Services	\$295.4	\$295.7	100.1%	\$244.8	\$245.0	100.1%	\$195.8	\$196.0	100.1%	8.8	8.8	100.1%
34	66 0000 Communications, Except Rac	\$1,383.1	\$1,385.0	100.1%	\$1,162.7	\$1,164.3	100.1%	\$315.7	\$316.1	100.1%	8.8	8.8	100.1%
35	67 0000 Radio And Tv Broadcasting	\$1,376.4	\$1,378.1	100.1%	\$940.4	\$941.6	100.1%	\$535.3	\$536.0	100.1%	18.7	18.7	100.1%
36	68 0100 Electric Services	\$1,983.9	\$1,986.9	100.1%	\$1,011.2	\$1,012.7	100.1%	\$211.3	\$211.6	100.1%	5.5	5.5	100.1%
37	69 0100 Wholesale Trade	\$8,752.0	\$8,761.9	100.1%	\$6,560.2	\$6,567.8	100.1%	\$2,830.4	\$2,833.6	100.1%	108.8	108.9	100.1%
38	69 0200 Retail Trade	\$31,707.1	\$31,750.2	100.1%	\$20,357.3	\$20,385.0	100.1%	\$11,021.6	\$11,036.6	100.1%	784.6	785.7	100.1%
39	70 0100 Banking	\$3,447.9	\$3,452.0	100.1%	\$2,291.6	\$2,294.3	100.1%	\$1,084.9	\$1,085.9	100.1%	79.3	79.4	100.1%
40	70 0200 Credit Agencies	\$1,195.5	\$1,197.2	100.1%	\$638.0	\$638.9	100.1%	\$510.4	\$511.1	100.1%	81.4	81.5	100.1%
41	70 0400 Insurance	\$904.3	\$905.4	100.1%	\$718.3	\$719.2	100.1%	\$509.4	\$510.1	100.1%	54.5	54.5	100.1%
42	71 0200 Real Estate	\$2,585.0	\$2,589.2	100.2%	\$1,839.1	\$1,842.1	100.2%	\$99.5	\$99.7	100.2%	74.5	74.5	100.2%
43	72 0100 Hotels And Lodging Places	\$3,172.4	\$3,197.1	100.8%	\$2,035.2	\$2,051.0	100.8%	\$1,013.1	\$1,021.0	100.8%	85.9	86.5	100.8%
44	72 0201 Laundry, Cleaning And Shoe	\$305.3	\$305.7	100.1%	\$190.9	\$191.2	100.1%	\$146.0	\$146.2	100.1%	9.7	9.7	100.1%
45	72 0202 Funeral Service And Cremat	\$469.2	\$469.8	100.1%	\$242.0	\$242.3	100.1%	\$179.2	\$179.5	100.1%	7.5	7.5	100.1%
46	72 0203 Portrait And Photographic St	\$279.0	\$279.4	100.1%	\$179.3	\$179.5	100.1%	\$97.5	\$97.6	100.1%	8.2	8.2	100.1%
47	72 0204 Electrical Repair Service	\$151.4	\$151.7	100.2%	\$103.4	\$103.6	100.2%	\$59.1	\$59.2	100.2%	3.7	3.7	100.2%
48	72 0205 Watch, Clock, Jewelry And F	\$40.0	\$40.1	100.1%	\$20.5	\$20.6	100.1%	\$10.0	\$10.0	100.1%	0.7	0.7	100.1%
49	72 0300 Beauty And Barber Shops	\$607.5	\$608.3	100.1%	\$468.8	\$468.4	100.1%	\$358.4	\$358.9	100.1%	47.0	47.1	100.1%
50	73 0101 Miscellaneous Repair Shops	\$325.5	\$326.0	100.2%	\$207.8	\$208.1	100.2%	\$98.3	\$98.5	100.2%	6.7	6.7	100.2%
51	73 0102 Services To Buildings	\$752.3	\$752.7	100.1%	\$558.3	\$558.8	100.1%	\$357.5	\$357.7	100.1%	28.4	28.4	100.1%
52	73 0104 Computer And Data Processi	\$278.4	\$278.6	100.1%	\$204.9	\$205.1	100.1%	\$132.9	\$133.0	100.1%	3.0	3.0	100.1%
53	73 0105 Management And Consulting	\$197.3	\$197.5	100.1%	\$132.8	\$133.0	100.1%	\$102.6	\$102.7	100.1%	7.5	7.5	100.1%
54	73 0107 Equipment Rental, And Leasi	\$881.0	\$882.4	100.2%	\$738.4	\$739.5	100.2%	\$222.3	\$222.6	100.2%	13.4	13.5	100.2%
55	73 0109 Other Business Services	\$431.8	\$433.4	100.4%	\$339.7	\$341.0	100.4%	\$137.2	\$137.8	100.4%	13.4	13.5	100.4%
56	73 0301 Legal Services	\$1,344.1	\$1,348.1	100.1%	\$1,165.2	\$1,166.9	100.1%	\$861.3	\$862.6	100.1%	30.6	30.7	100.1%
57	73 0303 Accounting, Auditing And Box	\$212.1	\$212.4	100.1%	\$170.8	\$171.1	100.1%	\$109.3	\$109.5	100.1%	13.4	13.5	100.1%
58	74 0000 Eating & Drinking	\$11,578.6	\$11,601.6	100.2%	\$5,762.3	\$5,773.7	100.2%	\$3,179.6	\$3,185.9	100.2%	389.0	389.7	100.2%
59	75 0001 Automobile Rental And Leasi	\$411.0	\$411.4	100.1%	\$228.6	\$228.8	100.1%	\$88.8	\$88.9	100.1%	4.5	4.5	100.1%
60	75 0002 Automobile Repair And Servi	\$1,541.7	\$1,543.5	100.1%	\$723.1	\$724.0	100.1%	\$379.0	\$379.4	100.1%	26.9	26.9	100.1%
61	75 0003 Automobile Parking And Car	\$238.1	\$238.3	100.1%	\$161.4	\$161.5	100.1%	\$75.8	\$75.8	100.1%	9.7	9.7	100.1%
62	76 0100 Motion Pictures	\$859.1	\$860.2	100.1%	\$448.3	\$448.9	100.1%	\$332.8	\$333.2	100.1%	29.9	29.9	100.1%
63	76 0202 Bowling Alleys And Pool Hall	\$192.3	\$192.5	100.1%	\$157.6	\$157.8	100.1%	\$126.1	\$126.2	100.1%	17.2	17.2	100.1%
64	76 0205 Membership Sports And Recr	\$2,229.1	\$2,229.8	100.0%	\$1,504.3	\$1,504.6	100.0%	\$1,203.4	\$1,203.7	100.0%	123.2	123.2	100.0%
65	76 0206 Amusement And Recreation	\$1,149.2	\$1,177.5	111.2%	\$786.5	\$874.4	111.2%	\$425.9	\$473.4	111.2%	55.2	61.4	111.2%
66	77 0100 Doctors And Dentists	\$2,232.3	\$2,235.1	100.1%	\$1,767.6	\$1,769.8	100.1%	\$1,292.4	\$1,294.0	100.1%	75.4	75.5	100.1%
67	77 0200 Hospitals	\$18,871.2	\$18,892.2	100.1%	\$11,958.2	\$11,971.5	100.1%	\$9,566.8	\$9,577.2	100.1%	330.7	331.1	100.1%
68	77 0301 Nursing And Protective Care	\$5,760.7	\$5,767.2	100.1%	\$4,032.8	\$4,037.2	100.1%	\$3,200.8	\$3,204.4	100.1%	256.8	257.1	100.1%
69	77 0302 Other Medical And Health Se	\$1,890.0	\$1,892.0	100.1%	\$1,268.6	\$1,270.0	100.1%	\$869.4	\$870.4	100.1%	52.3	52.3	100.1%
70	77 0403 Other Educational Services	\$32.7	\$32.7	100.0%	\$12.3	\$12.3	100.0%	\$8.6	\$8.6	100.0%	4.5	4.5	100.0%
71	77 0502 Labor And Civic Organization	\$1,477.2	\$1,479.1	100.1%	\$820.3	\$821.4	100.1%	\$554.2	\$554.9	100.1%	69.4	69.5	100.1%
72	77 0503 Religious Organizations	\$161.6	\$161.8	100.1%	\$96.0	\$96.1	100.1%	\$76.8	\$76.9	100.1%	9.0	9.0	100.1%
73	77 0700 Child Day Care Services	\$288.5	\$288.9	100.1%	\$294.8	\$295.0	100.1%	\$235.7	\$236.0	100.1%	33.6	33.6	100.1%
74	77 0800 Residential Care	\$182.2	\$182.5	100.1%	\$95.3	\$95.5	100.1%	\$76.3	\$76.4	100.1%	16.4	16.4	100.1%
75	77 0900 Social Services, N.E.C.	\$1,747.7	\$1,750.0	100.1%	\$1,054.4	\$1,055.7	100.1%	\$843.5	\$844.6	100.1%	103.8	103.9	100.1%
76	Consumption	\$258,691.1	\$259,019.3	100.1%	na	na	na	na	na	na	na	na	na
77	Local Govt	\$2,353.4	\$2,357.4	100.2%	\$1,384.5	\$1,386.9	100.2%	\$1,107.6	\$1,109.5	100.2%	48.3	48.4	100.2%
78	State Govt	\$31,268.9	\$31,274.3	100.0%	\$18,394.5	\$18,397.7	100.0%	\$14,715.6	\$14,718.1	100.0%	642.1	642.2	100.0%
79	Investment	\$20,477.4	\$20,494.9	100.1%	na	na	na	na	na	na	na	na	na
80	Federal Govt	\$6,354.4	\$6,354.4	100.0%	\$2,704.0	\$2,704.0	100.0%	\$2,163.2	\$2,163.2	100.0%	122.4	122.4	100.0%

TOTAL	\$514,400.5	\$515,073.2	100.1%	\$128,511.8	\$128,722.8	100.2%	\$82,150.4	\$82,269.6	100.1%	4,819.2	4,830.4	100.2%
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difference 672,748.34

multiplier 3.8376973189

job change 11,236,247.238

Clarkston

Grangeville

		Base Sales -(\$1,000)-	Change Sales -(\$1,000)-	Percent Change	Base V Added -(\$1,000)-	Change V Added -(\$1,000)-	Percent Change	Base Eams -(\$1,000)-	Change Eams -(\$1,000)-	Percent Change	Base Emplmnt	Change Emplmnt
1	1 0000 FARM	\$13,300.3	\$13,300.3	100.0%	\$2,360.8	\$2,360.8	100.0%	\$1,955.3	\$1,955.3	100.0%	184.8	184.8
2	3 0001 Forestry Products	\$481.5	\$481.5	100.0%	\$266.7	\$266.7	100.0%	\$207.9	\$207.9	100.0%	7.6	7.6
3	3 0002 Commercial Fishing	\$13.8	\$13.8	100.2%	\$6.8	\$6.8	100.2%	\$6.8	\$6.8	100.2%	4.1	4.1
4	4 0001 Agricultural, Forestry, F	\$1,639.1	\$1,639.1	100.0%	\$732.3	\$732.3	100.0%	\$732.3	\$732.3	100.0%	72.2	72.2
5	4 0002 Landscape And Horticu	\$93.6	\$93.0	101.6%	\$39.2	\$39.8	101.6%	\$32.0	\$32.5	101.6%	4.1	4.1
6	6 0200 Nonferrous metal ores	\$249.9	\$250.0	100.0%	\$141.7	\$141.8	100.0%	\$68.3	\$68.3	100.0%	3.3	3.3
7	8 0000 Natural Gas Liquids/Cn	\$39.1	\$39.1	100.1%	\$28.2	\$28.3	100.1%	\$3.7	\$3.7	100.1%	1.9	1.9
8	9 0001 Dimension Stone	\$1,168.6	\$1,169.2	100.0%	\$763.8	\$764.1	100.0%	\$444.8	\$445.0	100.0%	13.6	13.6
9	9 0002 Sand And Gravel	\$4,650.2	\$4,654.6	100.1%	\$2,957.8	\$2,960.6	100.1%	\$1,667.7	\$1,669.3	100.1%	34.0	34.1
10	11 0000 Construction	\$6,217.7	\$6,223.8	100.1%	\$2,994.6	\$2,997.5	100.1%	\$2,699.0	\$2,701.6	100.1%	150.8	150.9
11	14 0101 Meat Packing Plants	\$938.9	\$940.7	100.2%	\$89.0	\$89.2	100.2%	\$64.1	\$64.3	100.2%	3.4	3.4
12	19 0304 Automotive And Appare	\$161.7	\$161.7	100.0%	\$71.6	\$71.6	100.0%	\$54.6	\$54.6	100.0%	6.1	6.1
13	20 0100 Logging Camps And Lc	\$21,451.6	\$21,451.6	100.0%	\$7,018.0	\$7,018.0	100.0%	\$4,706.7	\$4,706.7	100.0%	114.9	114.9
14	20 0200 Sawmills And Planing M	\$16,041.2	\$16,041.2	100.0%	\$6,242.0	\$6,242.0	100.0%	\$5,865.7	\$5,865.7	100.0%	130.0	130.0
15	20 0502 Wood Kitchen Cabinets	\$187.0	\$187.1	100.0%	\$93.1	\$93.1	100.0%	\$80.6	\$80.6	100.0%	4.1	4.1
16	26 0100 Newspapers	\$254.9	\$255.7	100.3%	\$127.8	\$128.2	100.3%	\$96.5	\$96.8	100.3%	8.2	8.2
17	26 0400 Miscellaneous Publishir	\$206.8	\$207.3	100.2%	\$113.9	\$114.2	100.2%	\$65.6	\$65.7	100.2%	7.2	7.2
18	26 0501 Commercial Printing	\$651.4	\$653.9	100.4%	\$327.5	\$328.8	100.4%	\$213.0	\$213.8	100.4%	17.4	17.4
19	34 0305 Leather Goods, N.E.C.	\$373.7	\$373.8	100.0%	\$252.4	\$252.5	100.0%	\$252.4	\$252.5	100.0%	18.4	18.4
20	36 1100 Concrete Products, N.E.	\$280.7	\$281.0	100.1%	\$181.1	\$181.3	100.1%	\$97.5	\$97.6	100.1%	8.2	8.2
21	36 1200 Ready-mixed Concrete	\$587.0	\$587.7	100.1%	\$211.8	\$212.0	100.1%	\$124.4	\$124.6	100.1%	8.2	8.2
22	48 0300 Woodworking Machine	\$73.4	\$73.5	100.0%	\$33.7	\$33.7	100.0%	\$33.7	\$33.7	100.0%	1.4	1.4
23	50 0002 Industrial Machines Ne	\$322.6	\$322.7	100.0%	\$192.7	\$192.8	100.0%	\$152.6	\$152.7	100.0%	8.2	8.2
24	60 0400 Aircraft And Missile Eq	\$170.9	\$170.9	100.0%	\$98.7	\$98.7	100.0%	\$64.3	\$64.3	100.0%	4.1	4.1
25	64 0400 Sporting And Athletic G	\$460.5	\$461.1	100.1%	\$211.0	\$211.4	100.1%	\$104.4	\$104.5	100.1%	9.2	9.2
26	65 0100 Railroads And Related	\$653.5	\$653.5	100.0%	\$363.1	\$363.1	100.0%	\$262.9	\$262.9	100.0%	13.6	13.6
27	65 0300 Motor Freight Transpor	\$3,661.7	\$3,667.2	100.2%	\$2,923.5	\$2,927.9	100.2%	\$2,150.3	\$2,153.6	100.2%	100.0	100.2
28	65 0400 Water Transportation	\$333.6	\$334.0	100.1%	\$129.3	\$129.5	100.1%	\$129.3	\$129.5	100.1%	13.1	13.1
29	65 0500 Air Transportation	\$621.2	\$622.1	100.1%	\$317.6	\$318.1	100.1%	\$260.1	\$260.5	100.1%	8.4	8.4
30	65 0702 Arrangement Of Passet	\$1,837.4	\$1,839.8	100.1%	\$1,426.3	\$1,428.2	100.1%	\$1,211.2	\$1,212.8	100.1%	90.1	90.3
31	67 0000 Radio And Tv Broadcast	\$183.6	\$184.5	100.5%	\$125.1	\$125.8	100.5%	\$90.9	\$91.4	100.5%	3.1	3.2
32	68 0100 Electric Services	\$6,181.8	\$6,181.8	100.2%	\$3,141.5	\$3,149.3	100.2%	\$897.6	\$899.8	100.2%	21.0	21.0
33	68 0301 Water Supply And Sew	\$52.0	\$52.1	100.2%	\$14.4	\$14.4	100.2%	\$14.4	\$14.4	100.2%	1.0	1.1
34	68 0302 Sanitary Services And	\$1,042.7	\$1,044.5	100.2%	\$444.1	\$444.8	100.2%	\$392.1	\$392.7	100.2%	18.9	18.9
35	69 0100 Wholesale Trade	\$4,343.8	\$4,349.4	100.1%	\$3,256.3	\$3,260.5	100.1%	\$1,993.3	\$1,995.9	100.1%	101.0	101.2
36	69 0200 Retail Trade	\$10,847.8	\$10,880.3	100.3%	\$6,965.2	\$6,988.1	100.3%	\$5,220.6	\$5,236.2	100.3%	425.5	426.7
37	70 0100 Banking	\$787.0	\$788.3	100.2%	\$522.9	\$523.7	100.2%	\$306.7	\$307.2	100.2%	34.5	34.6
38	70 0300 Security And Commod	\$28.6	\$28.7	100.1%	\$18.5	\$18.5	100.1%	\$15.7	\$15.8	100.1%	1.4	1.4
39	70 0400 Insurance	\$819.7	\$820.8	100.1%	\$657.5	\$658.5	100.1%	\$548.8	\$549.6	100.1%	71.3	71.4
40	71 0200 Real Estate	\$469.6	\$470.7	100.2%	\$333.7	\$334.5	100.2%	\$24.9	\$25.0	100.2%	25.4	25.5
41	72 0100 Hotels And Lodging Pla	\$783.4	\$810.6	103.5%	\$502.6	\$520.0	103.5%	\$373.6	\$386.5	103.5%	30.4	31.5
42	72 0202 Funeral Service And Cr	\$99.7	\$99.9	100.2%	\$51.6	\$51.7	100.2%	\$50.0	\$50.2	100.2%	1.6	1.6
43	72 0203 Portrait And Photograp	\$982.1	\$983.6	100.2%	\$629.0	\$630.0	100.2%	\$495.5	\$496.2	100.2%	46.7	46.8
44	72 0300 Beauty And Barber Shc	\$230.1	\$230.4	100.1%	\$176.0	\$176.2	100.1%	\$173.6	\$173.8	100.1%	21.8	21.9
45	73 0101 Miscellaneous Repair S	\$106.8	\$107.0	100.2%	\$68.4	\$68.5	100.2%	\$53.8	\$54.0	100.2%	5.7	5.8
46	73 0104 Computer And Data Pr	\$92.1	\$92.2	100.1%	\$68.7	\$68.8	100.1%	\$61.1	\$61.1	100.1%	2.4	2.4
47	73 0107 Equipment Rental And	\$220.9	\$221.4	100.2%	\$184.2	\$184.7	100.2%	\$101.8	\$102.0	100.2%	8.4	8.4
48	73 0108 Photofinishing, Comme	\$29.5	\$29.5	100.2%	\$16.7	\$16.7	100.2%	\$15.3	\$15.4	100.2%	1.8	1.8
49	73 0109 Other Business Service	\$52.8	\$53.1	100.7%	\$40.9	\$41.2	100.7%	\$27.8	\$28.0	100.7%	3.6	3.6
50	73 0301 Legal Services	\$909.7	\$911.7	100.2%	\$787.6	\$789.3	100.2%	\$738.1	\$739.7	100.2%	25.1	25.2
51	73 0303 Accounting, Auditing Ar	\$154.3	\$154.7	100.2%	\$124.1	\$124.4	100.2%	\$90.2	\$90.5	100.2%	7.5	7.5
52	74 0000 Eating & Drinking	\$1,970.4	\$1,986.8	100.8%	\$980.6	\$988.8	100.8%	\$717.1	\$723.1	100.8%	93.3	94.0
53	75 0002 Automobile Repair And	\$1,460.4	\$1,462.4	100.1%	\$685.4	\$686.4	100.1%	\$504.5	\$505.2	100.1%	30.7	30.7
54	76 0100 Motion Pictures	\$226.0	\$226.4	100.2%	\$117.8	\$118.0	100.2%	\$104.9	\$105.1	100.2%	18.7	18.7
55	76 0202 Bowling Alleys And Poc	\$35.5	\$35.5	100.2%	\$22.2	\$22.2	100.2%	\$22.2	\$22.2	100.2%	4.2	4.2
56	76 0206 Amusement And Recre	\$683.9	\$748.8	109.5%	\$468.1	\$512.5	109.5%	\$320.0	\$350.4	109.5%	29.1	31.8
57	77 0100 Doctors And Dentists	\$1,793.8	\$1,796.9	100.2%	\$1,420.6	\$1,423.0	100.2%	\$1,308.4	\$1,310.6	100.2%	78.5	78.7
58	77 0200 Hospitals	\$2,030.4	\$2,033.8	100.2%	\$1,286.1	\$1,288.3	100.2%	\$1,286.1	\$1,288.3	100.2%	56.9	57.0
59	77 0301 Nursing And Protective	\$833.0	\$834.2	100.2%	\$588.5	\$589.4	100.2%	\$588.5	\$589.4	100.2%	44.1	44.1
60	77 0302 Other Medical And Hea	\$540.1	\$540.9	100.2%	\$362.1	\$362.6	100.2%	\$315.2	\$315.7	100.2%	19.7	19.7
61	77 0401 Elementary And Seco	\$11.2	\$11.2	100.1%	\$4.6	\$4.6	100.1%	\$4.6	\$4.6	100.1%	1.2	1.2
62	77 0502 Labor And Civic Organi	\$1,143.3	\$1,145.2	100.2%	\$633.5	\$634.5	100.2%	\$336.2	\$336.8	100.2%	78.1	78.3
63	77 0503 Religious Organizations	\$4.6	\$4.6	100.1%	\$2.6	\$2.6	100.1%	\$2.6	\$2.6	100.1%	0.7	0.7
64	77 0700 Child Day Care Service	\$296.1	\$296.5	100.1%	\$298.9	\$299.3	100.1%	\$298.9	\$299.3	100.1%	37.1	37.2
65	77 0800 Residential Care	\$154.2	\$154.4	100.2%	\$79.9	\$80.0	100.2%	\$79.9	\$80.0	100.2%	10.8	10.8
66	77 0900 Social Services, N.E.C.	\$207.3	\$207.6	100.2%	\$124.9	\$125.1	100.2%	\$124.9	\$125.1	100.2%	12.6	12.6
67	Consumption	\$70,398.0	\$70,493.9	100.1%	na	na	na	na	na	na	na	na
68	Local Govt	\$2,792.3	\$2,798.6	100.2%	\$1,642.4	\$1,646.1	100.2%	\$1,642.4	\$1,646.1	100.2%	85.9	86.1
69	State Govt	\$8,305.4	\$8,309.2	100.0%	\$4,885.5	\$4,887.7	100.0%	\$4,885.5	\$4,887.7	100.0%	255.5	255.6
70	Investment	\$11,573.8	\$11,586.9	100.1%	na	na	na	na	na	na	na	na
71	Federal Govt	\$23,611.4	\$23,611.4	100.0%	\$10,047.4	\$10,047.4	100.0%	\$10,047.4	\$10,047.4	100.0%	369.2	369.2
TOTAL		\$233,594.6	\$233,931.5	100.1%	\$72,496.3	\$72,639.4	100.2%	\$58,082.9	\$58,185.0	100.2%	3,135.1	3,143.4
difference		336.9485188										
multiplier		2.824379872			Inside Profit Income			\$6,166.5	\$6,185.7	100.3%		
job change		8.22338777			Outside Profit Income			\$13,190.1	\$13,190.1	1		
Grangeville					Transfer Payments			\$13,983.0	\$13,983.0	1		
					Residents' Income			\$91,422.5	\$91,543.9	1.001327346		

		Base Sales -(\$1,000)-	Change Sales -(\$1,000)-	Percent Change	Base V.Added -(\$1,000)-	Change V.Added -(\$1,000)-	Percent Change	Base Eams -(\$1,000)-	Change Eams -(\$1,000)-	Percent Change	Base Emplymnt	Change Emplymnt
1	1.0000 FARM	\$6,685.0	\$6,685.0	100.0%	\$1,186.6	\$1,186.6	100.0%	\$982.8	\$982.8	100.0%	92.9	92.9
2	3.0001 Forestry Produ	\$235.5	\$235.5	100.0%	\$130.5	\$130.5	100.0%	\$101.7	\$101.7	100.0%	3.7	3.7
3	3.0002 Commercial Fi	\$6.8	\$6.8	100.1%	\$3.3	\$3.3	100.1%	\$3.3	\$3.3	100.1%	2.0	2.0
4	4.0001 Agricultural, Fr	\$801.6	\$801.6	100.0%	\$358.2	\$358.2	100.0%	\$358.2	\$358.2	100.0%	35.3	35.3
5	4.0002 Landscape An	\$44.7	\$44.7	100.0%	\$19.2	\$19.2	100.0%	\$15.7	\$15.7	100.0%	2.0	2.0
6	6.0200 Nonferrous me	\$83.4	\$83.4	100.0%	\$47.2	\$47.2	100.0%	\$22.8	\$22.8	100.0%	1.1	1.1
7	20.0100 Logging Camp	\$3,432.3	\$3,432.3	100.0%	\$1,122.9	\$1,122.9	100.0%	\$753.1	\$753.1	100.0%	18.4	18.4
8	20.0200 Sawmills And	\$16,800.1	\$16,800.1	100.0%	\$6,537.3	\$6,537.3	100.0%	\$6,143.2	\$6,143.2	100.0%	136.1	136.1
9	68.0301 Water Supply	\$51.9	\$51.9	100.0%	\$14.4	\$14.4	100.0%	\$14.4	\$14.4	100.0%	1.0	1.0
10	69.0100 Wholesale Tra	\$217.3	\$217.4	100.0%	\$162.8	\$162.8	100.0%	\$99.7	\$99.7	100.0%	5.1	5.1
11	69.0200 Retail Trade	\$297.3	\$301.6	101.5%	\$190.8	\$193.6	101.5%	\$143.0	\$145.1	101.5%	11.7	11.8
12	70.0300 Security And C	\$14.4	\$14.4	100.0%	\$9.2	\$9.2	100.0%	\$7.9	\$7.9	100.0%	0.7	0.7
13	72.0100 Hotels And Loc	\$652.9	\$652.9	100.0%	\$418.8	\$418.8	100.0%	\$311.3	\$311.3	100.0%	25.3	25.3
14	74.0000 Eating & Drink	\$1,075.2	\$1,076.7	100.1%	\$534.9	\$535.7	100.1%	\$391.2	\$391.7	100.1%	50.9	50.9
15	75.0002 Automobile Re	\$81.1	\$81.1	100.0%	\$38.1	\$38.1	100.0%	\$28.0	\$28.0	100.0%	1.7	1.7
16	76.0206 Amusement Ar	\$256.5	\$256.5	100.0%	\$175.5	\$175.5	100.0%	\$120.0	\$120.0	100.0%	10.9	10.9
17	77.0502 Labor And Civ	\$381.4	\$381.4	100.0%	\$211.2	\$211.2	100.0%	\$112.1	\$112.1	100.0%	26.0	26.1
18	Consumption	\$16,292.5	\$16,294.9	100.0%	\$0.0	\$0.0	ERR	\$0.0	\$0.0	ERR	0.0	0.0
19	Local Govt	\$19.9	\$19.9	100.0%	\$11.7	\$11.7	100.0%	\$11.7	\$11.7	100.0%	0.6	0.6
20	State Govt	\$985.9	\$986.0	100.0%	\$580.0	\$580.1	100.0%	\$580.0	\$580.1	100.0%	30.3	30.3
21	Investment	\$2,443.9	\$2,444.3	100.0%	\$0.0	\$0.0	ERR	\$0.0	\$0.0	ERR	0.0	0.0
22	Federal Govt	\$8,260.3	\$8,260.3	100.0%	\$3,515.0	\$3,515.0	100.0%	\$3,515.0	\$3,515.0	100.0%	129.2	129.2
	TOTAL	\$59,119.9	\$59,128.8	100.0%	\$15,267.8	\$15,271.4	100.0%	\$13,715.0	\$13,717.7	100.0%	585.0	585.3

difference 8.862541
multiplier 1.554831754
job change 0.253902769

Elk City

Inside Profit Income \$762.9 \$763.3 100.0%

Outside Profit Income \$1,540.7 \$1,540.7 1

Transfer Payments \$5,141.0 \$5,141.0 1

Residents' Income \$21,159.6 \$21,162.7 1.000145

[illegible]

			Base Sales	Change Sales	Percent Change	Base V.Added	Change V.Added	Percent Change	Base Earns	Change Earns	Percent Change	Base Emplmnt	Change Emplmnt
			-(\$1,000)-	-(\$1,000)-		-(\$1,000)-	-(\$1,000)-		-(\$1,000)-	-(\$1,000)-			
1	1.0000	FARM	\$3,247.7	\$3,247.7	100.0%	\$576.5	\$576.5	100.0%	\$477.4	\$477.4	100.0%	45.1	45.1
2	3.0001	Forestry Products	\$145.9	\$145.9	100.0%	\$80.8	\$80.8	100.0%	\$63.0	\$63.0	100.0%	2.3	2.3
3	3.0002	Commercial Fishing	\$4.1	\$4.4	105.8%	\$2.1	\$2.2	105.8%	\$2.1	\$2.2	105.8%	1.2	1.3
4	4.0001	Agricultural, Forestr	\$496.6	\$496.6	100.0%	\$221.9	\$221.9	100.0%	\$221.9	\$221.9	100.0%	21.9	21.9
5	4.0002	Landscape And Hor	\$27.7	\$34.3	124.0%	\$11.9	\$14.7	124.0%	\$9.7	\$12.0	124.0%	1.2	1.5
6	6.0200	Nonferrous metal or	\$83.4	\$83.4	100.0%	\$47.2	\$47.2	100.0%	\$22.8	\$22.8	100.0%	1.1	1.1
7	9.0001	Dimension Stone	\$584.3	\$584.3	100.0%	\$381.9	\$381.9	100.0%	\$222.4	\$222.4	100.0%	6.8	6.8
8	9.0002	Sand And Gravel	\$2,325.0	\$2,325.1	100.0%	\$1,478.9	\$1,478.9	100.0%	\$833.9	\$833.9	100.0%	17.0	17.0
9	11.0000	Construction	\$1,554.2	\$1,589.4	102.3%	\$748.6	\$765.6	102.3%	\$674.7	\$690.0	102.3%	37.7	38.5
10	20.0100	Logging Camps And	\$3,432.3	\$3,432.3	100.0%	\$1,122.9	\$1,122.9	100.0%	\$753.1	\$753.1	100.0%	18.4	18.4
11	65.0400	Water Transportatio	\$333.2	\$334.2	100.3%	\$129.3	\$129.7	100.3%	\$129.3	\$129.7	100.3%	13.1	13.1
12	66.0000	Communications, E.	\$673.5	\$701.2	104.1%	\$566.3	\$589.6	104.1%	\$200.2	\$208.4	104.1%	4.2	4.4
13	69.0100	Wholesale Trade	\$217.2	\$223.6	102.9%	\$162.8	\$167.6	102.9%	\$99.7	\$102.6	102.9%	5.1	5.2
14	69.0200	Retail Trade	\$1,635.0	\$1,713.2	104.8%	\$1,049.6	\$1,099.7	104.8%	\$786.7	\$824.3	104.8%	64.1	67.2
15	71.0200	Real Estate	\$201.2	\$214.8	106.7%	\$143.0	\$152.7	106.7%	\$10.7	\$11.4	106.7%	10.9	11.6
16	72.0100	Hotels And Lodging	\$1,305.7	\$1,549.2	118.6%	\$837.7	\$993.9	118.6%	\$622.6	\$738.7	118.6%	50.7	60.2
17	72.0300	Beauty And Barber	\$115.2	\$118.7	103.0%	\$88.0	\$90.6	103.0%	\$86.8	\$89.4	103.0%	10.9	11.2
18	73.0101	Miscellaneous Reps	\$17.8	\$18.7	105.4%	\$11.4	\$12.0	105.4%	\$9.0	\$9.5	105.4%	1.0	1.0
19	73.0108	Photofinishing, Cor	\$14.7	\$15.6	106.3%	\$8.3	\$8.9	106.3%	\$7.7	\$8.1	106.3%	0.9	1.0
20	74.0000	Eating & Drinking	\$1,612.7	\$1,713.2	106.2%	\$802.3	\$852.4	106.2%	\$586.7	\$623.3	106.2%	76.3	81.1
21	75.0002	Automobile Repair A	\$81.2	\$83.4	102.7%	\$38.1	\$39.1	102.7%	\$28.0	\$28.8	102.7%	1.7	1.8
22	76.0206	Amusement And Re	\$1,025.8	\$1,544.5	150.6%	\$702.1	\$1,057.1	150.6%	\$480.0	\$722.8	150.6%	43.6	65.6
23	77.0100	Doctors And Dentist	\$199.5	\$205.3	102.9%	\$157.8	\$162.5	102.9%	\$145.4	\$149.6	102.9%	8.7	9.0
24	77.0503	Religious Organizat	\$1.1	\$1.2	103.1%	\$0.7	\$0.7	103.1%	\$0.7	\$0.7	103.1%	0.2	0.2
25		Consumption	\$15,205.4	\$15,665.3	103.0%	\$0.0	\$0.0	ERR	\$0.0	\$0.0	ERR	0.0	0.0
26		Local Govt	\$79.7	\$84.2	105.6%	\$46.9	\$49.6	105.6%	\$46.9	\$49.6	105.6%	2.5	2.6
27		State Govt	\$2,009.9	\$2,037.7	101.4%	\$1,182.3	\$1,198.6	101.4%	\$1,182.3	\$1,198.6	101.4%	61.8	62.7
28		Investment	\$2,041.8	\$2,099.0	102.8%	\$0.0	\$0.0	ERR	\$0.0	\$0.0	ERR	0.0	0.0

		BASELINE SALES (\$1,000)	CHANGE IN SALES (\$1,000)	PERCENT CHANGE	BASELINE EARNINGS (\$1,000)	CHANGE IN EARNINGS (\$1,000)	PERCENT CHANGE	BASELINE EMPLOY	CHANGE EMPLOY	PERCENT CHANGE
110000	Construction	132.2	133.7	101.17%	60.9	61.6	101.17%	1.71	1.73	101.17%
650500	Air transportation	568.2	568.2	100.00%	175.0	175.0	100.00%	4.51	4.51	100.00%
690200	Retail trade	824.7	837.6	101.57%	409.3	415.7	101.57%	21.33	21.66	101.57%
710200	Real estate	479.7	479.7	100.00%	31.3	31.3	100.00%	1.25	1.25	100.00%
720100	Hotels and lodging pla	614.2	622.3	101.32%	219.5	222.4	101.32%	19.00	19.25	101.32%
730109	Other business service	56.9	59.1	103.92%	23.7	24.6	103.92%	1.00	1.04	103.92%
740000	Eating and drinking pla	2,065.0	2,076.7	100.57%	645.1	648.8	100.57%	52.00	52.29	100.57%
750001	Automotive rental & lea	83.2	83.2	100.00%	19.3	19.3	100.00%	0.50	0.50	100.00%
760206	Other amusement and	613.4	663.0	108.09%	215.2	232.6	108.09%	42.00	45.40	108.09%
770100	Doctors and dentists	131.7	132.2	100.38%	85.3	85.7	100.38%	1.50	1.51	100.38%
Consumption										
SGOV		860.402659	867.775549	1.008569	472.2	476.2	100.86%	20.54	20.72	100.86%
Investment										
FGOV		893.743224	893.743224	1	412.2	412.2	100.00%	26.67	26.67	100.00%
Total		\$7,323.3	\$7,417.3	101.28%	\$2,768.9	\$2,805.3	101.31%	192.0	196.5	102.35%
		difference	\$93.955							
		multiplier	1.18							
		job change	4.5							
Consumption		Stanley 2443.10169	2460.3297	1.007052						
Investment		664.7	672.6	101.18%						

	BASELINE SALES (\$1,000)	CHANGE IN SALES (\$1,000)	PERCENT CHANGE	BASELINE EARNINGS (\$1,000)	CHANGE IN EARNINGS (\$1,000)	PERCENT CHANGE	BASELINE EMPLOY	CHANGE EMPLOY
FARM	\$4,713.4	\$4,713.4	100.00%	\$1,933.0	\$1,933.0	100.00%	105.00	105.00
50000 Iron and ferroalloy ores mining	64,604.4	\$64,604.4	100.00%	14,025.6	14,025.6	100.00%	372.00	372.00
110000 Contruction	486.2	\$487.2	100.20%	223.8	224.3	100.20%	6.29	6.30
110602 New petroleum, natural gas, ai	2,020.1	\$2,020.1	100.00%	1,215.7	1,215.7	100.00%	22.00	22.00
200100 Logging camps and logging cc	1,744.9	\$1,744.9	100.00%	310.8	310.8	100.00%	7.79	7.79
361200 Ready-mixed concrete	732.5	\$733.4	100.13%	156.8	157.0	100.13%	5.21	5.21
650300 Motor freight transportation an	468.6	\$469.3	100.14%	216.3	216.6	100.14%	6.00	6.00
650500 Air transportation	755.3	\$755.6	100.04%	232.6	232.7	100.04%	6.00	6.00
660000 Communications, except radio	1,063.1	\$1,066.1	100.28%	283.3	284.1	100.28%	8.91	8.91
680100 Electric services (utilities)	9,564.5	\$9,569.8	100.06%	1,045.4	1,046.0	100.06%	28.17	28.18
680302 Sanitary services, steam suppl	142.6	\$143.2	100.46%	29.2	29.4	100.46%	1.00	1.00
690100 Wholesale trade	1,791.7	\$1,794.2	100.14%	700.9	701.9	100.14%	21.00	21.00
690200 Retail trade	4,639.4	\$4,684.1	100.96%	2,302.6	2,324.7	100.96%	120.00	121.16
700100 Banking	1,036.1	\$1,037.9	100.18%	364.7	365.4	100.18%	15.48	15.50
700400 Insurance carriers	641.8	\$643.5	100.27%	143.1	143.5	100.27%	7.71	7.72
710200 Real estate	2,398.6	\$2,401.0	100.10%	156.6	156.8	100.10%	6.26	6.27
720100 Hotels and lodging places	420.3	\$462.2	109.98%	150.2	165.1	109.98%	13.00	14.30
720204 Electrical repair shops	106.1	\$106.5	100.36%	39.3	39.5	100.36%	1.42	1.43
730102 Services to dwellings and othe	228.2	\$229.1	100.42%	125.0	125.5	100.42%	9.54	9.58
730109 Other business services	398.2	\$400.0	100.46%	165.6	166.4	100.46%	7.00	7.03
730301 Legal services	253.9	\$254.6	100.29%	186.8	187.3	100.29%	2.85	2.86
730303 Accounting services	815.0	\$817.1	100.26%	480.6	481.9	100.26%	7.77	7.79
740000 Eating and drinking places	1,270.8	\$1,294.7	101.88%	397.0	404.4	101.88%	32.00	32.60
750002 Automotive repair shops and s	1,044.8	\$1,046.9	100.20%	319.1	319.7	100.20%	7.74	7.76
760202 Bowling alleys, billiards and pc	305.0	\$305.6	100.20%	87.9	88.0	100.20%	9.33	9.35
760206 Other amusement and recreati	180.3	\$219.7	121.85%	43.5	53.0	121.85%	66.00	80.42
770100 Doctors and dentists	960.3	\$962.1	100.18%	622.4	623.5	100.18%	10.94	10.96
770504 Other membership organizatio	341.1	\$341.8	100.19%	159.4	159.7	100.19%	7.03	7.04
770900 Social services, n.e.c.	294.2	\$294.7	100.18%	147.2	147.4	100.18%	10.05	10.07
Consumption								
SGOV	8174.24415	8187.83466	1.001663	4486.0252	4493.4837	1.001663	195.14	195.464
Investment								
FGOV	2681.22967	2681.22967	1	1236.5831	1236.5831	1	80	8
TOTAL	\$114,276.9	\$114,472.3	100.17%	\$31,987.0	\$32,059.0	100.23%	1,198.6	1,216.8
	difference	\$195.446						
	multiplier	1.38						
	job change	18.1						
Challis								
Consumption	27,340.8	\$27,394.9	100.20%					
Investment	4149.64643	4158.05732	100.20%					

	BASELINE SALES (\$1,000)	CHANGE IN SALES (\$1,000)	PERCENT CHANGE	BASELINE EARNINGS (\$1,000)	CHANGE IN EARNINGS (\$1,000)	PERCENT CHANGE	BASELINE EMPLOY	CHANGE EMPLOY
FARM	\$8,290.1	\$8,290.1	100.00%	\$3,399.8	\$3,399.8	100.00%	375.00	375.00
110000 Construction	3,220.9	3,245.0	100.75%	1,482.8	1,493.9	100.75%	41.67	41.98
110602 New petroleum, natural gas, a	3,627.0	3,627.1	100.00%	2,182.7	2,182.8	100.00%	39.50	39.50
140300 Cheese, natural and processes	3,479.8	3,181.3	100.05%	196.2	196.3	100.05%	15.00	15.01
200100 Logging camps and logging ex	7,954.2	7,954.2	100.00%	1,416.6	1,416.6	100.00%	35.52	35.52
200200 Sawmills and planing mills, c	5,183.0	5,183.0	100.00%	1,215.9	1,215.9	100.00%	44.00	44.00
200701 Structural wood members, n.e	10,089.9	10,089.9	100.00%	2,191.5	2,191.5	100.00%	90.00	90.00
200903 Wood products nec	691.9	691.9	100.00%	196.6	196.6	100.00%	9.00	9.00
260100 Newspapers	322.8	326.8	101.26%	117.2	118.7	101.26%	4.28	4.33
340305 Leather goods, n.e.c.	392.3	392.4	100.03%	98.9	98.9	100.03%	5.05	5.05
361200 Ready-mixed concrete	565.4	569.3	100.69%	121.1	121.9	100.69%	4.02	4.05
650200 Transit & interurban hwy pas	210.6	212.1	100.68%	103.6	104.3	100.68%	3.05	3.07
650300 Motor freight transportation an	1,217.3	1,224.3	100.58%	561.8	565.0	100.58%	15.58	15.67
650500 Air transportation	755.3	755.3	100.00%	232.6	232.6	100.00%	6.00	6.00
650702 Arrangement of passenger tra	312.5	313.5	100.31%	184.2	184.7	100.31%	6.82	6.84
660000 Communications, except radic	1,193.0	1,204.9	100.99%	317.9	321.1	100.99%	10.00	10.10
670000 Radio and TV broadcasting	620.3	627.3	101.14%	153.9	155.7	101.14%	6.11	6.18
680100 Electric services (utilities)	2,672.1	2,700.7	101.07%	292.1	295.2	101.07%	7.87	7.95
680301 Water supply and sewerage s	779.2	784.8	100.72%	90.5	91.1	100.72%	4.74	4.78
680302 Sanitary services, steam supp	487.5	492.6	101.04%	99.9	100.9	101.04%	3.42	3.45
690100 Wholesale trade	4,180.7	4,201.8	100.50%	1,635.5	1,643.7	100.50%	49.00	49.25
690200 Retail trade	12,731.4	13,049.3	102.50%	6,318.6	6,476.4	102.50%	329.30	337.52
700100 Banking	2,980.6	2,995.6	100.50%	1,049.2	1,054.5	100.50%	44.53	44.76
700400 Insurance carriers	965.6	973.0	100.76%	215.3	217.0	100.76%	11.60	11.69
710200 Real estate	4,929.4	4,942.4	100.26%	321.9	322.7	100.26%	12.86	12.90
720100 Hotels and lodging places	1,062.9	1,201.6	113.05%	379.8	429.3	113.05%	32.88	37.17
720201 Laundry, cleaning, garment se	129.7	131.6	101.48%	61.0	61.9	101.48%	3.39	3.44
720202 Funeral service and crematori	201.5	202.5	100.48%	65.4	65.7	100.48%	3.00	3.01
720204 Electrical repair shops	565.0	569.9	100.87%	209.5	211.3	100.87%	7.56	7.63
720300 Beauty and barber shops	375.8	378.0	100.59%	225.5	226.9	100.59%	10.00	10.06
730101 Miscellaneous repair shops	558.9	560.6	100.30%	191.5	192.1	100.30%	4.67	4.69
730301 Legal services	928.3	937.8	101.02%	682.9	689.8	101.02%	10.42	10.53
730302 Engineering, architectural, and	303.3	304.9	100.54%	168.0	169.0	100.54%	3.82	3.84
730303 Accounting services	1,357.4	1,372.6	101.12%	800.4	809.4	101.12%	12.94	13.09
740000 Eating and drinking places	4,397.8	4,512.6	102.61%	1,373.9	1,409.7	102.61%	110.74	113.63
750002 Automotive repair shops and s	1,510.5	1,522.5	100.79%	461.3	465.0	100.79%	11.19	11.28
760100 Motion pictures	399.5	402.7	100.82%	100.9	101.7	100.82%	5.15	5.19
760202 Bowling alleys, billiards and p	56.9	57.3	100.70%	16.4	16.5	100.70%	1.74	1.75
760205 Membership sports & recreati	128.8	129.7	100.72%	37.1	37.4	100.72%	3.94	3.97
760206 Other amusement and recreat	908.5	1,022.1	112.50%	219.3	246.7	112.50%	150.00	168.76
770100 Doctors and dentists	1,839.9	1,851.3	100.62%	1,192.5	1,199.8	100.62%	20.96	21.09
770200 Hospitals	2,817.8	2,832.8	100.53%	1,451.5	1,459.2	100.53%	74.00	74.39
770301 Nursing and personal care fac	858.9	862.8	100.46%	506.3	508.6	100.46%	38.34	38.52
770302 Other medical and health serv	966.1	971.0	100.50%	544.0	546.8	100.50%	13.89	13.96
770403 Libraries, & vocational schools	349.1	351.5	100.69%	185.3	186.6	100.69%	5.62	5.66
770501 Business assoc and prof mem	175.1	178.4	101.90%	68.5	69.8	101.90%	2.54	2.59
770502 Labor, civic, social, and frater	132.4	133.2	100.60%	55.6	55.9	100.60%	5.13	5.16
770503 Religious organizations	77.5	77.9	100.61%	45.2	45.4	100.61%	3.51	3.53
770504 Other membership organizati	410.7	413.6	100.71%	191.9	193.2	100.71%	8.46	8.52
770900 Social services, n.e.c.	301.5	303.5	100.68%	150.8	151.9	100.68%	10.30	10.37
Consumption								
SGOV	14912.529	15003.2628	1.006084	8184.0814	8233.8766	1.0060844	356	358.166
Investment								
FGOV	7373.3816	7373.3816	1	3400.7312	3400.7312	1	220	220
TOTAL	\$120,652.4	\$121,687.7	100.86%	\$45,165.4	\$45,582.0	100.92%	2,304.1	2,343.6
	difference	\$1,035.231						
	multiplier	1.65						
	job change	39.5						
Salmon								
Consumption	45412.7847	45734.0716	1.007075					
Investment	7,976.9	8,043.2	100.83%					

	BASELINE SALES (\$1,000)	CHANGE IN SALES (\$1,000)	PERCENT CHANGE	BASELINE EARNINGS (\$1,000)	CHANGE IN EARNINGS (\$1,000)	PERCENT CHANGE	BASELINE EMPLOY	CHANGE EMPLOY	PERCENT CHANGE
FARM	\$40.7	\$40.7	100.00%	\$16.7	16.7	100.00%	5.00	5.00	100.00%
110000 Construction	231.9	\$237.3	102.33%	106.8	109.2	102.33%	3.00	3.07	102.33%
200903 Wood products nec	230.6	\$230.6	100.00%	65.5	65.5	100.00%	3.00	3.00	100.00%
690200 Retail trade	347.2	\$361.9	104.24%	172.3	179.6	104.24%	8.98	9.36	104.24%
720100 Hotels and lodging places	676.3	\$723.4	106.96%	241.6	258.5	106.96%	20.92	22.38	106.96%
720300 Beauty and barber shops	15.7	\$15.8	101.08%	9.4	9.5	101.08%	0.42	0.42	101.08%
740000 Eating and drinking places	1,191.4	\$1,216.6	102.12%	372.2	380.1	102.12%	30.00	30.64	102.12%
760206 Other amusement and recr	147.5	\$215.9	146.36%	35.6	52.1	146.36%	54.00	79.03	146.36%
Consumption									
SGOV	544.558645	551.223414	1.012239	298.8569	302.51457	1.012239	13	13.1591	1.012239
Investment									
FGOV	1302.31156	1302.31156	1	600.64862	600.64862	1	38.857143	38.85714	
Total	\$4,728.1	\$4,895.8	103.55%	\$1,919.6	\$1,974.4	102.85%	177.2	204.9	115.66%

difference \$167.694
 multiplier 1.11
 job change 27.7

Consumption	North Fork		
	2985.94061	3018.04236	1.010751
Investment	613.37861	629.121095	1.025665