

STATISTICAL UPDATE

ECONOMIC AND FISCAL IMPACTS

ASSOCIATED WITH THE VACATION TRAVEL INDUSTRY

IN SOUTH DAKOTA

NOVEMBER 1999 THROUGH OCTOBER 2000

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Commissioned by:

THE SOUTH DAKOTA DEPARTMENT OF TOURISM

FOREWORD

The following document is a statistical compilation of estimated expenditure impacts that are traceable to the vacation travel industry in South Dakota. The South Dakota Department of Tourism first made a major commitment to monitor economic impacts generated by the industry in 1985 when the study Economic and Fiscal Impacts Associated with the Vacation Travel Industry in South Dakota was commissioned. A major update of this study carrying the same name was commissioned in 1988 and was completed in January of 1989. Since then, abbreviated statistical updates of travel related economic impacts have been produced each year.

The reader of this document is recommended to be familiar with methodology issues discussed in the prior studies.

The South Dakota Department of Revenue began collecting taxable sales data in bimonthly intervals in July of 1983. Accordingly, it is now possible to analyze the changes in visitor spending impacts as they have occurred over the last 18 years. Moreover, these impacts can be studied at the county level because of the detail employed in the data collection process.

The present document is an update that addresses travel industry impacts that have occurred from November 1, 1999, to October 31, 2000. The September to August annual time interval was used in the past, but continued efficiencies in data compilation that have occurred within the South Dakota Department of Revenue now make it possible to perform this analysis over the 12 months of November to October.

Thus, the 2000 travel year focused on in this document includes all of the months of 2000 except for November and December. This improvement provides for the inclusion of the immediate past hunting season, which is of considerable importance for several counties in South Dakota.

STATISTICAL ABSTRACT

VISITOR SPENDING BY COUNTY

Visitor spending for lodging, food and beverages, attractions and miscellaneous retail items have been compiled for each county. Lodging, food and beverages represent key spending sectors in which vacation travelers bear a direct spending impact. Taking the direct spending in these sectors likely made by vacation travelers as a base, the balance of travel spending is assumed to be a ratio of this base. This methodology allows one to estimate total visitor spending in the state.

Statistics relating to smaller counties that are less dependent on the travel industry must be viewed with discretion. The small number of businesses that are, to various degrees, dependent on visitor spending in these counties causes volatility in the data through time. The addition or discontinuance of a very small number of such businesses in a county has the potential to produce wide swings in travel oriented spending.

Data involving these counties are best examined over a span of years rather than for a specific year. The methodology employed in developing these estimates produces more reliable results the more travel dependent the local economy is and the larger the number of visitor oriented businesses. One must look at the longer run trends as opposed to year to year changes in aggregate visitor spending in the smaller, less travel dependent counties.

Total estimated visitor spending from 1993 to 2000 for each county appears in **Table 1**. The reader is reminded that 2000 spending estimates begin in November of 1999 which provides for an analysis over a 12-month span of time. For example, data denoted as 2000 is actually for the time span November 1, 1999, to October 31, 2000. Thus, the 2000 data encompasses virtually all types of leisure travel activities for the calendar year.

TABLE 1

ESTIMATED TOTAL VISITOR SALES VOLUME AND PERCENT CHANGE FROM PREVIOUS YEAR BY COUNTY 1993 TO 2000				
YEAR	AURORA	COUNTY	BEADLE	COUNTY
1993	727,494	12.3%	4,280,818	28.3%
1994	1,131,382	55.5%	6,546,117	52.9%
1995	1,180,872	4.4%	6,081,012	-7.1%
1996	1,194,964	1.2%	5,945,189	-2.2%
1997	1,230,952	3.0%	5,794,878	-2.5%
1998	1,227,574	-0.3%	6,293,154	8.6%
1999	1,417,949	15.5%	7,051,462	12.0%
2000	1,522,523	7.4%	6,942,666	-1.5%
93-00 AVE. % CHANGE=		15.6%	8.9%	
YEAR	BENNETT	COUNTY	BON HOMME	COUNTY
1993	723,901	72.1%	1,134,946	10.5%
1994	588,840	-18.7%	1,548,767	36.5%
1995	766,722	30.2%	1,167,068	-24.6%
1996	616,230	-19.6%	1,464,604	25.5%
1997	582,039	-5.5%	1,186,306	-19.0%
1998	738,787	26.9%	1,587,874	33.9%
1999	917,144	24.1%	1,145,684	-27.8%
2000	891,063	-2.8%	1,195,598	4.4%
93-00 AVE. % CHANGE=		3.3%	0.8%	
YEAR	BROOKINGS	COUNTY	BROWN	COUNTY
1993	5,384,390	31.6%	8,804,806	2.0%
1994	6,293,902	16.9%	9,320,234	5.9%
1995	6,095,872	-3.1%	9,028,564	-3.1%
1996	5,961,152	-2.2%	8,407,533	-6.9%
1997	6,918,701	16.1%	8,774,520	4.4%
1998	8,681,736	25.5%	9,297,252	6.0%
1999	8,276,437	-4.7%	10,305,111	10.8%
2000	8,037,839	-2.9%	11,006,593	6.8%
93-00 AVE. % CHANGE=		7.0%	3.6%	
YEAR	BRULE	COUNTY	BUFFALO	COUNTY
1993	7,154,248	23.5%	1,342,966	NA*
1994	9,047,407	26.5%	1,426,230	6.2%
1995	8,444,436	-6.7%	1,456,180	2.1%
1996	7,916,477	-6.3%	1,435,793	-1.4%
1997	8,315,145	5.0%	1,357,606	-5.4%
1998	8,315,248	0.0%	NA*	NA*
1999	9,365,907	12.6%	NA*	NA*
2000	8,812,772	-5.9%	NA*	NA*
93-00 AVE. % CHANGE=		3.3%	NA*	

- Not Available: Taxable sales not available for lodging, eating and drinking establishments for Buffalo County in 1992 and from 1998 to 2000.

TABLE 1 CONTINUED				
YEAR	BUTTE	COUNTY	CAMPBELL	COUNTY
1993	3,161,086	28.2%	275,980	7.3%
1994	3,640,953	15.2%	487,510	76.6%
1995	4,271,280	17.3%	588,641	20.7%
1996	4,221,115	-1.2%	602,140	2.3%
1997	4,481,562	6.2%	661,762	9.9%
1998	5,806,429	29.6%	735,348	11.1%
1999	4,867,057	-16.2%	677,094	-7.9%
2000	4,942,624	1.6%	712,983	5.3%
93-00 AVE. % CHANGE=		8.1%	22.6%	
YEAR	CHARLES MIX	COUNTY	CLARK	COUNTY
1993	6,306,597	4.9%	545,524	38.0%
1994	6,706,431	6.3%	737,437	35.2%
1995	6,774,012	1.0%	779,972	5.8%
1996	6,819,220	0.7%	797,165	2.2%
1997	6,432,891	-5.7%	905,039	13.5%
1998	6,800,358	5.7%	1,100,293	21.6%
1999	6,971,904	2.5%	752,008	-31.7%
2000	7,753,126	11.2%	497,793	-33.8%
93-00 AVE. % CHANGE=		3.3%	-1.2%	
YEAR	CLAY	COUNTY	CODINGTON	COUNTY
1993	7,505,446	-2.7%	13,125,165	15.4%
1994	8,469,470	12.8%	13,728,658	4.6%
1995	9,832,734	16.1%	11,681,161	-14.9%
1996	10,615,351	8.0%	12,017,364	2.9%
1997	8,355,838	-21.3%	14,533,726	20.9%
1998	10,396,872	24.4%	15,341,328	5.6%
1999	6,684,525	-35.7%	14,990,369	-2.3%
2000	6,405,540	-4.2%	15,993,766	6.7%
93-00 AVE. % CHANGE=		-2.1%	3.1%	
YEAR	CORSON	COUNTY	CUSTER	COUNTY
1993	439,181	-23.8%	29,062,274	10.4%
1994	719,045	63.7%	31,566,625	8.6%
1995	802,025	11.5%	33,271,485	5.4%
1996	631,317	-21.3%	32,565,820	-2.1%
1997	692,915	9.8%	32,746,059	0.6%
1998	763,851	10.2%	34,506,424	5.4%
1999	692,174	-9.4%	37,619,091	9.0%
2000	722,200	4.3%	41,151,299	9.4%
93-00 AVE. % CHANGE=		9.2%	5.9%	

TABLE 1 CONTINUED				
YEAR	DAVISON	COUNTY	DAY	COUNTY
1993	15,704,859	5.6%	1,811,996	15.1%
1994	16,862,209	7.4%	2,043,910	12.8%
1995	17,835,522	5.8%	2,161,138	5.7%
1996	17,090,394	-4.2%	2,217,765	2.6%
1997	19,552,390	14.4%	2,099,848	-5.3%
1998	20,952,087	7.2%	2,429,445	15.7%
1999	21,011,488	0.3%	2,659,325	9.5%
2000	23,238,693	10.6%	2,664,267	0.2%
93-00 AVE. % CHANGE=		6.9%		6.7%
YEAR	DEUEL	COUNTY	DEWEY	COUNTY
1993	590,923	3.1%	710,179	69.5%
1994	655,544	10.9%	932,668	31.3%
1995	667,055	1.8%	1,185,880	27.1%
1996	750,528	12.5%	1,222,724	3.1%
1997	955,613	27.3%	1,076,558	-12.0%
1998	997,521	4.4%	910,342	-15.4%
1999	1,056,643	5.9%	982,359	7.9%
2000	884,073	-16.3%	671,975	-31.6%
93-00 AVE. % CHANGE=		7.1%		-0.8%
YEAR	DOUGLAS	COUNTY	EDMUNDS	COUNTY
1993	221,888	-20.7%	312,556	-14.6%
1994	171,460	-22.7%	535,525	71.3%
1995	314,318	83.3%	517,705	-3.3%
1996	305,401	-2.8%	510,932	-1.3%
1997	398,504	30.5%	592,371	15.9%
1998	1,032,984	159.2%	569,028	-3.9%
1999	539,236	-47.8%	393,868	-30.8%
2000	520,075	-3.6%	474,675	20.5%
93-00 AVE. % CHANGE=		19.2%		7.4%
YEAR	FALL RIVER	COUNTY	FAULK	COUNTY
1993	6,152,392	7.9%	494,022	58.6%
1994	6,234,573	1.3%	677,606	37.2%
1995	7,528,514	20.8%	465,507	-31.3%
1996	8,050,015	6.9%	470,433	1.1%
1997	7,854,460	-2.4%	788,051	67.5%
1998	8,896,216	13.3%	589,070	-25.2%
1999	9,028,007	1.5%	476,832	-19.1%
2000	9,097,638	0.8%	502,583	5.4%
93-00 AVE. % CHANGE=		6.8%		0.2%

TABLE 1 CONTINUED				
YEAR	GRANT	COUNTY	GREGORY	COUNTY
1993	2,132,862	27.1%	1,038,223	50.5%
1994	2,498,199	17.1%	1,168,730	12.6%
1995	2,333,519	-6.6%	1,096,274	-6.2%
1996	2,592,735	11.1%	1,154,216	5.3%
1997	2,901,544	11.9%	1,276,986	10.6%
1998	2,914,249	0.4%	1,151,227	-9.8%
1999	2,423,723	-16.8%	1,181,246	2.6%
2000	2,312,000	-4.6%	1,206,956	2.2%
93-00 AVE. % CHANGE=		1.2%		2.3%
YEAR	HAAKON	COUNTY	HAMLIN	COUNTY
1993	649,404	3.6%	1,077,258	13.5%
1994	855,102	31.7%	1,130,115	4.9%
1995	1,019,947	19.3%	1,158,985	2.6%
1996	983,532	-3.6%	1,219,321	5.2%
1997	1,064,627	8.2%	1,107,629	-9.2%
1998	1,213,661	14.0%	1,250,224	12.9%
1999	884,027	-27.2%	808,544	-35.3%
2000	924,114	4.5%	786,773	-2.7%
93-00 AVE. % CHANGE=		6.0%		-3.9%
YEAR	HAND	COUNTY	HANSON	COUNTY
1993	864,094	14.6%	177,228	-4.5%
1994	956,714	10.7%	233,088	31.5%
1995	1,083,287	13.2%	316,170	35.6%
1996	1,550,403	43.1%	284,112	-10.1%
1997	1,103,740	-28.8%	396,546	39.6%
1998	1,380,482	25.1%	447,045	12.7%
1999	1,439,114	4.2%	419,716	-6.1%
2000	1,545,117	7.4%	274,106	-34.7%
93-00 AVE. % CHANGE=		11.3%		7.8%
YEAR	HARDING	COUNTY	HUGHES	COUNTY
1993	389,650	3.1%	9,004,927	4.0%
1994	522,336	34.1%	10,625,897	18.0%
1995	524,041	0.3%	9,848,833	-7.3%
1996	447,383	-14.6%	10,701,920	8.7%
1997	566,702	26.7%	11,258,936	5.2%
1998	559,824	-1.2%	14,008,049	24.4%
1999	480,717	-14.1%	12,140,727	-13.3%
2000	738,008	53.5%	12,103,326	-0.3%
93-00 AVE. % CHANGE=		12.8%		4.9%

TABLE 1 CONTINUED				
YEAR	HUTCHINSON	COUNTY	HYDE	COUNTY
1993	1,130,342	31.1%	NA*	NA*
1994	1,354,582	19.8%	NA*	NA*
1995	1,067,940	-21.2%	267,181	NA*
1996	1,210,859	13.4%	292,526	9.5%
1997	1,197,064	-1.1%	373,835	27.8%
1998	1,345,034	12.4%	365,172	-2.3%
1999	1,643,509	22.2%	442,237	21.1%
2000	1,725,180	5.0%	364,204	-17.6%
93-00 AVE. % CHANGE=		7.5%	NA	
YEAR	JACKSON	COUNTY	JERAULD	COUNTY
1993	9,288,116	16.0%	435,311	1.8%
1994	10,011,712	7.8%	522,191	20.0%
1995	10,075,942	0.6%	479,785	-8.1%
1996	9,199,822	-8.7%	432,664	-9.8%
1997	6,538,622	-28.9%	441,348	2.0%
1998	9,552,295	46.1%	503,132	14.0%
1999	8,153,886	-14.6%	545,433	8.4%
2000	7,243,010	-11.2%	687,362	26.0%
93-00 AVE. % CHANGE=		-3.1%	8.3%	
YEAR	JONES	COUNTY	KINGSBURY	COUNTY
1993	4,573,982	14.7%	1,099,615	-4.1%
1994	5,120,550	11.9%	1,514,526	37.7%
1995	5,409,455	5.6%	1,711,321	13.0%
1996	5,321,543	-1.6%	1,676,579	-2.0%
1997	4,927,303	-7.4%	1,723,925	2.8%
1998	4,669,963	-5.2%	1,860,785	7.9%
1999	5,142,873	10.1%	1,942,719	4.4%
2000	5,375,751	4.5%	2,264,972	16.6%
93-00 AVE. % CHANGE=		2.5%	15.1%	
YEAR	LAKE	COUNTY	LAWRENCE	COUNTY
1993	2,912,085	34.4%	60,457,634	15.8%
1994	2,909,602	-0.1%	66,658,518	10.3%
1995	2,853,706	-1.9%	58,564,107	-12.1%
1996	3,617,951	26.8%	57,982,910	-1.0%
1997	3,687,087	1.9%	55,406,211	-4.4%
1998	3,854,759	4.5%	69,615,301	25.6%
1999	3,867,626	0.3%	73,237,958	5.2%
2000	4,306,861	11.4%	79,394,431	8.4%
93-00 AVE. % CHANGE=		6.8%	4.5%	

* Not Available: Taxable sales not available for lodging, eating and drinking establishments for Hyde County in 1993 and 1994.

TABLE 1 CONTINUED				
YEAR	LINCOLN	COUNTY	LYMAN	COUNTY
1993	2,237,212	19.0%	5,771,688	51.8%
1994	3,070,586	37.3%	6,757,841	17.1%
1995	2,547,560	-17.0%	6,245,419	-7.6%
1996	2,548,588	0.0%	7,652,722	22.5%
1997	3,529,910	38.5%	8,418,794	10.0%
1998	3,811,123	8.0%	8,720,931	3.6%
1999	4,348,375	14.1%	9,331,067	7.0%
2000	4,260,251	-2.0%	9,834,341	5.4%
93-00 AVE. % CHANGE=		12.9%	10.1%	
YEAR	MCCOOK	COUNTY	MCPHERSON	COUNTY
1993	1,476,948	14.2%	388,774	20.2%
1994	2,055,176	39.2%	308,071	-20.8%
1995	1,822,220	-11.3%	377,027	22.4%
1996	1,958,992	7.5%	517,928	37.4%
1997	1,452,596	-25.8%	624,733	20.6%
1998	1,641,299	13.0%	697,641	11.7%
1999	1,739,406	6.0%	615,670	-11.7%
2000	1,560,813	-10.3%	787,156	27.9%
93-00 AVE. % CHANGE=		0.8%	14.6%	
YEAR	MARSHALL	COUNTY	MEADE	COUNTY
1993	954,272	23.3%	9,969,779	28.7%
1994	1,185,646	24.2%	13,627,716	36.7%
1995	1,485,663	25.3%	15,306,694	12.3%
1996	1,671,033	12.5%	15,173,997	-0.9%
1997	1,569,348	-6.1%	16,630,994	9.6%
1998	1,688,040	7.6%	20,507,475	23.3%
1999	1,589,351	-5.8%	22,437,549	9.4%
2000	1,753,741	10.3%	29,118,961	29.8%
93-00 AVE. % CHANGE=		12.0%	27.4%	
YEAR	MELLETTE	COUNTY	MINER	COUNTY
1993	126,360	-17.8%	336,702	-29.4%
1994	190,832	51.0%	249,448	-25.9%
1995	216,642	13.5%	325,237	30.4%
1996	204,688	-5.5%	344,516	5.9%
1997	373,198	82.3%	381,059	10.6%
1998	375,740	0.7%	396,699	4.1%
1999	465,773	24.0%	414,903	4.6%
2000	586,687	26.0%	532,861	28.4%
93-00 AVE. % CHANGE=		52.0%	8.3%	

TABLE 1 CONTINUED				
YEAR	MINNEHAHA	COUNTY	MOODY	COUNTY
1993	57,673,377	12.8%	4,712,429	8.9%
1994	62,233,707	7.9%	5,130,320	8.9%
1995	63,640,258	2.3%	5,489,442	7.0%
1996	62,514,624	-1.8%	5,440,435	-0.9%
1997	65,084,393	4.1%	5,891,991	8.3%
1998	76,544,387	17.6%	6,138,422	4.2%
1999	81,301,198	6.2%	5,463,195	-11.0%
2000	82,178,702	1.1%	5,636,470	3.2%
93-00 AVE. % CHANGE=		6.1%		2.8%
YEAR	PENNINGTON	COUNTY	PERKINS	COUNTY
1993	126,701,793	16.5%	621,190	26.4%
1994	132,789,843	4.8%	769,135	23.8%
1995	134,587,871	1.4%	793,871	3.2%
1996	139,095,444	3.3%	876,404	10.4%
1997	138,176,718	-0.7%	899,457	2.6%
1998	156,185,112	13.0%	920,076	2.3%
1999	159,851,625	2.3%	827,675	-10.0%
2000	166,883,452	4.4%	763,828	-7.7%
93-00 AVE. % CHANGE=		4.5%		3.3%
YEAR	POTTER	COUNTY	ROBERTS	COUNTY
1993	2,316,126	20.2%	2,139,237	18.0%
1994	2,764,998	19.4%	2,538,019	18.6%
1995	2,822,237	2.1%	2,746,049	8.2%
1996	3,464,910	22.8%	2,908,095	5.9%
1997	3,525,271	1.7%	2,817,887	-3.1%
1998	4,374,314	24.1%	2,922,149	3.7%
1999	3,195,837	-26.9%	3,341,106	14.3%
2000	2,907,741	-9.0%	3,245,512	-2.9%
93-00 AVE. % CHANGE=		3.6%		7.4%
YEAR	SANBORN	COUNTY	SHANNON	COUNTY
1993	449,891	20.4%	285,589	6.8%
1994	536,333	19.2%	299,463	4.9%
1995	584,852	9.0%	224,689	-25.0%
1996	553,217	-5.4%	538,383	139.6%
1997	702,449	27.0%	384,953	-28.5%
1998	786,161	11.9%	443,922	15.3%
1999	544,448	-30.7%	549,438	23.8%
2000	490,341	-9.9%	696,394	26.7%
93-00 AVE. % CHANGE=		1.3%		42.0%

TABLE 1 CONTINUED				
YEAR	SPINK	COUNTY	STANLEY	COUNTY
1993	1,573,807	8.1%	417,224	32.3%
1994	1,962,433	24.7%	361,865	-13.3%
1995	1,946,804	-0.8%	455,548	25.9%
1996	1,779,705	-8.6%	513,415	12.7%
1997	1,999,631	12.4%	970,748	89.1%
1998	1,923,811	-3.8%	1,267,574	30.6%
1999	1,815,199	-5.6%	1,313,093	3.6%
2000	2,165,200	19.3%	1,608,604	22.5%
93-00 AVE. % CHANGE=		5.4%		40.8%
YEAR	SULLY	COUNTY	TRIPP	COUNTY
1993	1,176,709	55.1%	2,881,801	37.3%
1994	1,239,436	5.3%	3,250,338	12.8%
1995	1,658,151	33.8%	3,088,546	-5.0%
1996	2,295,099	38.4%	2,703,538	-12.5%
1997	2,478,448	8.0%	2,726,871	0.9%
1998	2,654,109	7.1%	2,794,222	2.5%
1999	2,409,414	-9.2%	3,617,169	29.5%
2000	2,403,437	-0.2%	4,021,132	11.2%
93-00 AVE. % CHANGE=		14.9%		5.6%
YEAR	TODD	COUNTY	TURNER	COUNTY
1993	523,800	NA*	790,078	24.9%
1994	448,854	-14.3%	988,238	25.1%
1995	529,171	17.9%	882,764	-10.7%
1996	620,931	17.3%	817,300	-7.4%
1997	1,538,689	147.8%	894,659	9.5%
1998	731,283	-52.5%	972,781	8.7%
1999	1,419,045	94.0%	899,392	-7.5%
2000	3,742,211	163.7%	1,267,214	40.9%
93-00 AVE. % CHANGE=		87.8%		8.6%
YEAR	UNION	COUNTY	WALWORTH	COUNTY
1993	4,556,047	12.2%	3,724,532	20.6%
1994	4,677,780	2.7%	4,866,994	30.7%
1995	5,040,721	7.8%	4,869,150	0.0%
1996	5,583,776	10.8%	5,381,341	10.5%
1997	5,895,885	5.6%	5,343,289	-0.7%
1998	8,890,158	50.8%	4,576,964	-14.3%
1999	6,958,255	-21.7%	3,851,918	-15.8%
2000	5,420,737	-22.1%	3,971,293	3.1%
93-00 AVE. % CHANGE=		2.7%		0.9%

* Not Available: Taxable sales not available for lodging, eating and drinking establishments for Todd County in 1992.

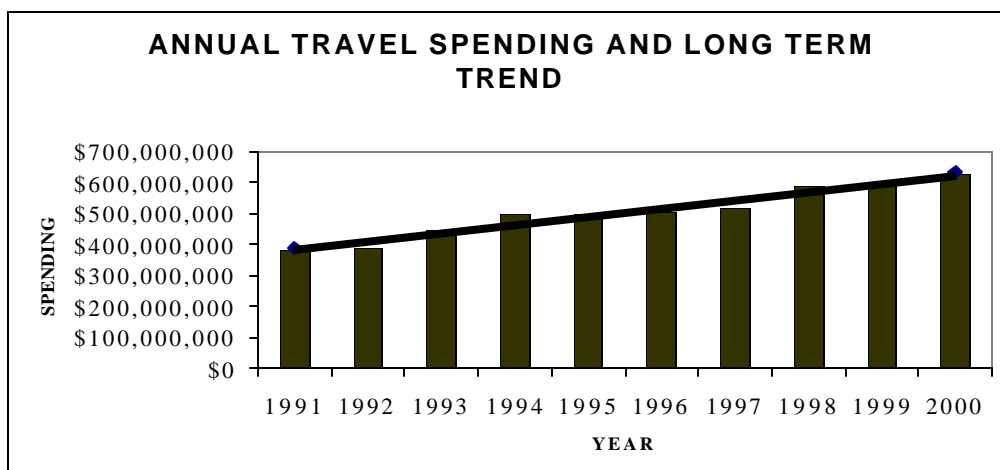
TABLE 1 CONTINUED		
YEAR	YANKTON	COUNTY
1993	8,384,467	14.5%
1994	9,380,321	11.9%
1995	9,963,296	6.2%
1996	10,368,409	4.1%
1997	11,383,783	9.8%
1998	12,100,801	6.3%
1999	12,206,674	0.9%
2000	12,614,813	3.3%
93-00 AVE. % CHANGE=		7.2%
YEAR	ZIEBACH	COUNTY
1993	NA *	NA *
1994	NA *	NA *
1995	NA *	NA *
1996	NA *	NA *
1997	164,264	NA *
1998	171,506	4.4%
1999	184,329	7.5%
2000	122,807	-33.4%
98-00 AVE. % CHANGE=		-12.6%
YEAR	DAKOTA SOUTH	
1993	447,365,300	14.3%
1994	497,837,757	11.3%
1995	498,831,286	0.2%
1996	505,756,596	1.4%
1997	514,119,860	1.7%
1998	584,897,125	13.8%
1999	593,326,831	1.4%
2000	624,469,235	5.2%
93-00 AVE. % CHANGE=		5.7%

* Not Available: Taxable sales not available for lodging, eating and drinking establishments for Ziebach County from 1993 to 1996.

The last page of Table 1 indicates that total vacation travel spending for the state of South Dakota totaled \$624,469,235 in 2000. This level of spending is more than \$31 million higher than the \$593 million experienced in 1999. Since 1995, this annual dollar growth in visitor spending was only exceeded once in 1998. This suggests that the industry maintained its strength, despite higher fuel costs and late summer fires in the Black Hills.

The reader is reminded that this level of growth is not representative of spending volume associated with individual businesses. Any growth in the state's travel industry infrastructure or shifts in volume from one region of the state to another causes individual businesses to either fall short of or exceed the overall state average growth in travel spending.

The following graph allows one to put the 2000 travel year into a long-run perspective. The vertical bars represent total travel spending in the state from 1991 to 2000. The upward sloping trend line characterizes the overall long-run trend in expenditure volume.



Generally, it shows that the economic performance of 2000 is on trend as was the case in 1999. The years of 1995 through 1997 were marked by little or no expansion statewide. Growth in 1994 and 1998 appears to be above the long-run trend.

The year of 2000 was associated with wide variations in spending changes from one county to another, but not to the degree seen in 1999. A number of counties located within Indian reservations experienced continued growth. Similarly, a number of counties that have historically been leaders in travel volume produced impressive growth levels in 2000.

From a statewide perspective, there was considerable uniformity in year-over-year bimonthly performance. All of the bimonthly periods generated growth of between 4 and 8 percent.

REGIONAL EXPENDITURES

South Dakota possesses a multi-faceted visitor market. Different attributes within the state have proven to appeal to varied markets in the overall travel industry. These market segments exhibit somewhat different relative market impacts throughout the year.

As a means of arriving at regional statistical comparisons, the state is divided into four regions according to their distinct attributes. The map in the appendix illustrates these four regions. Region 1 (Glacial Lakes and Prairies) is dominated by the glacial lakes and fishing, camping and hunting. Region 2 (Southeast South Dakota) contains various unique attractions, but also is strategically located so that a considerable amount of travel-oriented economic activity occurs in the region as visitors to other parts of the state travel through the area. Region 3 (Great Lakes) constitutes the counties in proximity to the Missouri River and is noted for fishing and hunting, and continued development of visitor facilities. Region 4 (Black Hills, Badlands and Lakes) is made up of the traditional Black Hills counties as well as other western counties that benefit from destination points in the area. Region 4 has historically been the dominant travel area from an economic

perspective. Table 2 breaks travel spending levels into the respective regions. Visitor expenditures for earlier years appear in Appendix B.

TABLE 2

VISITOR EXPENDITURES AND PERCENTAGE CHANGES BY REGION, 1999 AND 2000			
REGION	1999 EXPENDITURES	2000 EXPENDITURES	% CHANGE
Glacial Lakes and Prairies (1)	\$65,400,676	\$67,501,196	3.2%
Southeast South Dakota (2)	\$129,288,392	\$131,170,957	1.5%
Great Lakes (3)	\$72,571,571	\$74,124,804	2.1%
Black Hills Badlands & Lakes (4)	\$326,066,192	\$351,672,278	7.9%
ENTIRE STATE	\$593,326,831	\$624,469,235	5.2%

A number of important observations can be made concerning the regional travel markets. As indicated in the table, Region 4 saw the highest rate of growth. Spending in the other three regions varied between 1.5 and 3.2 percent in 2000.

Region 3 expenditures in 1999 along the Missouri River were nearly 3 percent lower than the previous year. However, in 2000 many of the counties in this region made at least partial rebounds in travel volume. Hughes and a variety of other smaller counties had spending volumes similar to or slightly lower than last year. Other counties such as Jerauld, Tripp, Charles Mix and Stanley experienced double-digit growth in 2000. In the Southeast region, Turner, Miner, Lake and Davison counties experienced double digit expansion in travel spending, but some other counties in Region 2 saw reductions in volume. Harding and Meade counties witnessed substantial increases in visitor volume in Region 4, as did several counties in the southern part of this region. These include Mellette, Shannon and Todd counties. All of the counties situated in the Black Hills saw at least moderate growth in travel expenditures.

REGIONAL SHARES

Table 3 below illustrates the market share of each of the four regions as they are defined in this document. In recent years, the western part of the state generated just over one-half of the entire state volume. Southeastern South Dakota has accounted for slightly less than one-fourth of state volume with the remainder divided about evenly between the other two regions. The regional shares resulting from the 2000 travel year produced a gain of slightly over 1 percentage point for the Black Hills, Badlands and Lakes Region.

TABLE 3

VISITOR EXPENDITURES BY REGIONAL SHARE		
REGION	2000 VOLUME	PERCENT
Glacial Lakes and Prairies (1)	\$67,501,196	10.8%
Southeast South Dakota (2)	\$131,170,957	21.0%
Great Lakes (3)	\$74,124,804	11.9%
Black Hills Badlands & Lakes (4)	\$351,672,278	56.3%
ENTIRE STATE	\$624,469,235	100.0%

SPENDING CHANGES SINCE 1993

The following table summarizes changes in visitor volume that have occurred in each region since 1993. In addition, data for the entire state is included. Statewide annual growth in nominal expenditures has varied from 0.2 percent in 1995 to 13.8 percent in 1998.

Since 1993, annual vacation travel volume has increased in the entire state on average by 5.0 percent with respect to expenditures. Average regional growth has varied from 4.9 percent to 5.9 percent annually since 1993. Accordingly, it is found that all regions of the state have enjoyed healthy growth in the long run.

It should be noted; however, that a certain amount of this growth in nominal spending was created by price inflation.

TABLE 4

ANNUAL PERCENTAGE CHANGES IN VISITOR SPENDING VOLUME AND CHANGE BY REGION								
REGION	1993-94	1994-95	1995-96	1996-97	1997-98	1998-99	1999-00	AVE
Glacial Lakes and Prairies (1)	24.9%	-2.8%	0.2%	8.6%	8.1%	-1.0%	3.2%	5.9%
Southeast South Dakota (2)	9.1%	3.0%	0.4%	3.6%	17.0%	0.0%	1.5%	4.9%
Great Lakes (3)	18.0%	- 0.7%	6.0%	4.9%	6.3%	-2.8%	2.1%	4.8%
B. Hills Badlands & Lakes (4)	8.2%	0.0%	1.0%	-1.3%	15.6%	3.5%	7.9%	5.0%
ENTIRE STATE	11.3%	0.2%	1.4%	1.7%	13.8%	1.4%	5.2%	5.0%

REAL STATE GROWTH

Real industry growth is measured by removing the impact of price inflation on actual expenditure levels. The period from 1988 to 2000 has been characterized by moderate inflation ranging from 1.7 to 4.9 percent.

In 2000, the rate of inflation equated to 2.5 percent.

As illustrated in **Table 5**, nominal growth in visitor spending from 1988 to 2000 can be divided into that which is produced by inflation as opposed to the real increase. Through a process of subtracting the inflation rate from nominal growth, it can be seen that real growth has amounted to as much as 12.1 percent per year, which occurred in 1998. In 2000, the real rate of growth in travel spending amounted to 2.7 percent.

TABLE 5

PERCENTAGE CHANGE FROM PREVIOUS YEAR IN NOMINAL VISITOR SALES VOLUME, INFLATION RATES AND ESTIMATES OF REAL GROWTH FOR STATE OF SOUTH DAKOTA 1988 - 2000			
YEAR	NOMINAL GROWTH	INFLATION RATE	REAL GROWTH
1988	10.5%	4.0%	6.5%
1989	11.5%	4.3%	7.2%
1990	13.8%	4.7%	9.1%
1991	10.4%	4.9%	5.5%
1992	3.1%	3.2%	-0.1%
1993	14.3%	3.0%	11.3%
1994	11.3%	3.1%	8.2%
1995	0.2%	2.8%	-2.6%
1996	1.4%	2.8%	-1.4%
1997	1.7%	2.3%	-0.6%
1998	13.8%	1.7%	12.1%
1999	1.4%	2.1%	-0.7%
2000	5.2%	2.5%	2.7%
Arithmetic Averages:	7.6%	3.2%	4.4%

Annual increases in real spending growth in South Dakota have averaged 4.4 percent. National estimates of long-run travel spending growth have been variously estimated at 3 percent or less.⁷

EMPLOYMENT CHANGES

It has been estimated that in 1999 there were about 30,267 jobs that related directly and indirectly to the travel industry. The methodology employed in arriving at this estimate entails input-output modeling, involving changes in long-run final demand. Over the past year, since real spending increased, it is estimated that employment did likewise. **It is estimated that travel industry jobs in 2000 approximated 30,860, a historical high for the travel sector.**

A summary of yearly employment estimates that are traceable to the vacation travel industry appears in the following table.

TABLE 6

SOUTH DAKOTA EMPLOYMENT TRACEABLE TO THE VACATION TRAVEL INDUSTRY	
YEAR	EMPLOYMENT
1988	19,698
1989	21,228
1990	23,267
1991	24,944
1992	24,944
1993	27,402
1994	28,909
1995	28,157
1996	27,762
1997	27,595
1998	30,635
1999	30,267
2000	30,860

About 75 percent of any job creation in the travel industry occurs in the sectors directly impacted by visitor spending. These sectors include retail trade, transportation, food and beverages, lodging and amusements.

The remaining 25 percent of new jobs occur in a variety of sectors via induced employment impacts.

DIRECT AND INDIRECT STATE IMPACTS

The direct spending by vacation travelers induces impacts on final demands for goods and services in virtually all of the business sectors in the state economy. Earned wages, interest returns, rents and profits are in part spent in these sectors in successive rounds which thereby produces a multiplier effect. **Using**

a multiplier of 2.5, which was developed in the referenced 1986 study, it can be estimated that a total state economic impact of about \$1.56 billion is generated by \$624 million in direct visitor spending. This is an increase of more than 5 percent over 1999.

STATE FISCAL IMPACTS

Vacation travel expenditures produce substantial positive impacts on state fiscal resources. Most all visitor spending interacts with the state sales tax. The only major exceptions to this include state license and user fees and gasoline purchases. It is estimated that in 2000, about \$463.4 million in visitor spending is subject to the 4 percent state sales tax. Thus, state sales tax collections arising from vacation travelers in 2000 are estimated to be \$18,536,000. **This is \$524,000 more than was paid by vacation travelers in 1999.**

Sales taxes assessed by municipalities interact heavily with the travel industry and the proportion of such taxes collected which are paid by visitors is substantial. No attempt is made to estimate this fiscal impact in this report.

Gasoline purchases were taxed at the rate of 22 cents per gallon in South Dakota during the study period. Assuming an average price of \$1.54 per gallon for fuel purchases, 90.5 million gallons are estimated to have been purchased by vacation travelers. **Applying the 22 cent tax rate to the amount sold yields \$19,910,000 in 2000 state gasoline tax receipts and represents an increase of \$594,000 or 3.1 percent over 1999.**

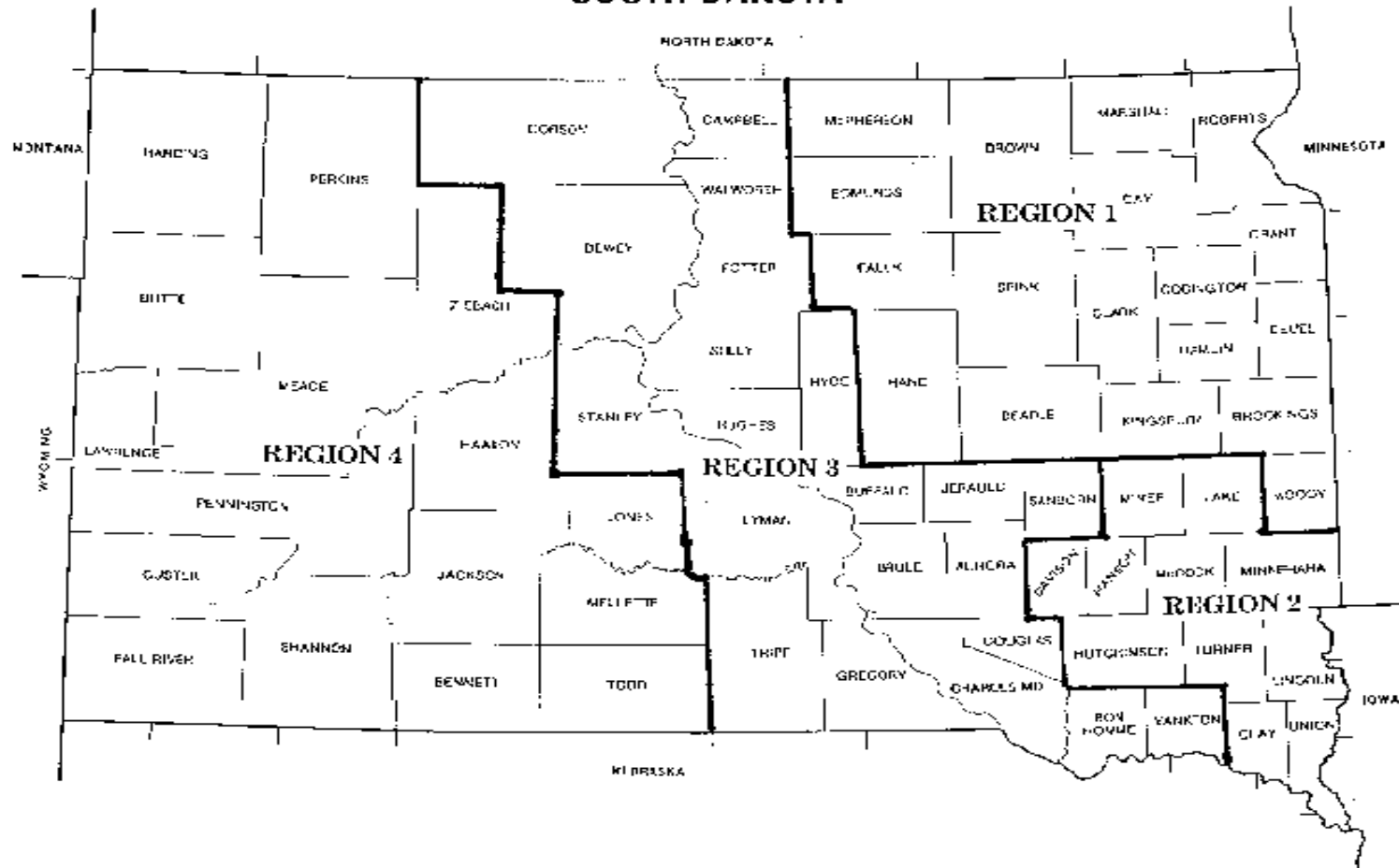
Accordingly, total state sales and gasoline tax receipts directly traceable to travelers is estimated to be \$38,446,000 in 2000.

REFERENCES

1. Economic and Fiscal Impacts Associated with the Vacation Travel Industry in South Dakota, by Michael K. Madden, January 1986.
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3. Regional Multipliers: A User Handbook for the Regional Input-output Modeling System, U.S. Department of Commerce, Bureau of Economic Analysis, 1988.
4. South Dakota Labor Bulletin, South Dakota Department of Labor, October 1990.
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6. South Dakota Labor Bulletin, South Dakota Labor Market Information Center, 1992.

APPENDIX A
TRAVEL REGIONS USED IN STUDY

SOUTH DAKOTA



APPENDIX B

VISITOR EXPENDITURES BY REGION, 1992 TO 2000									
REGION	1992	1993	1994	1995	1996	1997	1998	1999	2000
Glacial Lakes and Prairies (1)	\$43,874,670	\$46,263,647	\$57,762,976	\$56,146,285	\$56,278,089	\$61,103,175	\$66,074,630	\$65,400,676	\$67,501,196
Southeast South Dakota (2)	85,249,340	94,500,325	103,103,886	106,164,831	106,586,462	110,427,427	129,252,245	\$129,288,392	\$131,170,957
Great Lakes (3)	44,851,688	53,914,378	63,645,843	63,225,123	66,993,829	70,253,398	74,676,235	\$72,571,571	\$74,124,804
Black Hills Badlands & Lakes (4)	217,583,320	252,686,950	273,325,052	273,295,047	275,898,215	272,335,860	314,894,016	\$326,066,192	\$351,672,278
ENTIRE STATE	\$391,559,018	\$447,365,300	\$497,837,757	\$498,831,286	\$505,756,596	\$514,119,860	\$584,897,126	\$593,326,831	\$624,469,235