

**Economic Contribution of the North Dakota
University System in 2015**
Preliminary Findings
Select Tables

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Table 1. Direct Economic Impacts from General and Non-general Fund Expenditures, NDUS, by Budget Category, Selected Fiscal Years 1999 to 2015 (Current Year Dollars)

Item	FY1999	FY2004	FY2006	FY2008	FY2009	FY2011	FY2012	FY2013	FY2014	FY2015	Change	
											1999-2015	2011-2015
----- \$000s -----											----- % -----	
Operating Expenditures:												
Wages and Salaries	225,512	318,838	352,778	374,053	404,743	483,270	499,693	511,633	532,797	553,376	145.4	8.2
Fringe Benefits	55,809	85,718	98,123	111,650	119,436	146,814	157,203	163,843	191,782	202,322	262.5	23.5
Travel	14,102	21,194	23,136	26,684	26,731	28,957	31,280	32,555	34,082	34,904	147.5	7.2
Data Processing	4,324	7,625	13,297	16,510	14,633	15,712	17,260	19,233	18,754	19,935	361.0	3.6
Fees	22,565	38,891	28,657	36,487	33,956	37,685	52,452	42,461	45,676	47,252	109.4	11.3
Utilities	12,054	15,780	18,173	22,562	23,606	25,091	25,522	27,552	30,625	29,097	141.4	5.6
Communications	11,284	11,050	8,057	8,340	8,494	8,735	9,052	7,586	8,758	9,077	-19.6	19.7
Insurance	1,832	3,426	3,464	3,224	4,704	3,342	4,279	4,438	4,287	3,264	78.2	-26.5
Rents and Fees	10,416	14,809	9,013	10,642	14,127	13,980	14,765	14,505	15,447	16,380	57.3	12.9
4 Office	15,372	20,968	10,526	10,884	10,564	9,862	9,628	9,371	9,185	9,317	-39.4	-0.6
Supplies	9,626	17,330	19,512	21,731	23,132	21,723	24,767	25,602	26,592	26,102	171.2	2.0
Instructional	5,677	7,155	16,916	20,868	21,567	25,673	21,848	23,840	24,195	26,077	359.3	9.4
Noncapital Equipment	1,777	2,981	6,441	7,114	7,345	7,125	11,689	11,169	8,353	9,965	460.8	-10.8
Merchandise for Resale	34,696	32,785	37,858	41,861	47,752	45,080	49,293	56,343	85,226	189,837	447.1	236.9
Repairs	24,631	20,064	21,382	25,325	27,999	26,978	29,684	29,298	29,712	32,339	31.3	10.4
Scholarships, etc.	40,160	62,774	69,979	80,165	86,654	122,884	121,088	119,143	105,426	99,679	148.2	-16.3
General	10,088	24,841	49,004	57,199	64,444	65,754	73,386	76,828	82,358	82,205	714.9	7.0
Capital Equipment	6,468	4,793	2,300	19,754	6,396	5,579	14,287	22,378	20,552	21,750	236.3	-2.8
Recovery of Expenses	- -	(11,945)	--	--	--	--	--	--	--	--	--	--
Capital Improvements	<u>26,529</u>	<u>62,243</u>	<u>39,488</u>	<u>45,246</u>	<u>34,084</u>	<u>71,095</u>	<u>76,797</u>	<u>83,832</u>	<u>77,621</u>	<u>198,948</u>	649.9	137.3
Total	532,922	761,320	828,104	940,299	980,365	1,165,339	1,243,974	1,281,610	1,351,428	1,611,826	205.2	25.8

Table 2. Direct Economic Impacts from Non-General Fund Expenditures, NDUS, by Budget Category, Selected Fiscal Years 1999 to 2015 (Current Year Dollars)

Item	FY1999	FY2004	FY2006	FY2008	FY2009	FY2011	FY2012	FY2013	FY2014	FY2015	Change	
											1999- 2015	2013- 2015
----- \$000s -----											----- % -----	
Operating Expenditures:												
Wages and Salaries	116,454	194,399	236,265	246,481	266,414	320,013	317,514	328,811	329,550	339,779	191.8	3.3
Fringe Benefits	28,161	50,243	64,446	72,168	77,229	95,084	97,934	103,003	113,948	120,146	326.6	16.6
Travel	10,839	17,170	19,323	22,177	22,202	24,278	26,019	26,579	27,552	27,244	151.4	2.5
Data Processing	2,546	5,676	11,096	11,884	11,215	10,674	11,224	11,994	12,192	12,480	390.2	4.1
Fees	17,013	34,267	26,893	33,329	30,741	31,528	44,009	36,116	38,688	38,072	123.8	5.4
Utilities	4,195	6,975	9,893	12,580	13,359	14,366	14,338	16,145	17,425	15,869	278.3	-1.7
Communications	7,683	7,991	6,227	6,326	6,366	5,396	5,411	4,669	5,340	5,161	-32.8	10.5
Insurance	1,063	2,144	2,320	2,326	3,618	2,477	3,163	3,300	2,991	2,459	131.3	-25.5
6 Rents and Fees	7,595	13,062	7,684	9,630	12,944	12,174	12,897	12,297	13,072	14,264	87.8	16.0
Office	9,104	15,269	7,883	8,271	7,848	7,393	7,105	6,927	6,578	6,706	-26.3	-3.2
Supplies	8,055	14,805	16,136	18,320	18,936	17,773	20,490	20,725	21,648	20,810	158.3	0.4
Instructional	2,654	4,349	12,645	16,103	16,612	20,244	17,070	18,721	18,858	20,240	662.6	8.1
Noncapital Equipment	1,122	2,159	5,401	5,895	6,039	5,699	10,414	9,296	6,426	7,290	549.7	-21.6
Merchandise for Resale	31,704	32,784	37,857	41,860	47,750	45,080	49,292	56,338	85,224	189,835	498.8	237.0
Repairs	16,660	14861	16999	19124	20381	20,587	23,222	22,354	22,217	23,655	42.0	5.8
Scholarships, etc.	38,495	58,787	55,133	61,670	67,613	92,792	86,239	83,010	75,081	71,177	84.9	-14.3
General	6,904	18,312	42,095	47,763	53,137	53,932	59,080	60,100	63,872	60,109	770.6	0.0
Capital Equipment	1,847	1,789	1,238	17,351	4,302	3,550	11,652	16,979	16,929	17,582	851.9	3.6
Recovery of Expenses	--	(11,945)	--	--	--	--	--	--	--	--	--	--
Capital Improvements	<u>20,807</u>	<u>51,846</u>	<u>34,266</u>	<u>36,201</u>	<u>19,124</u>	<u>33,881</u>	<u>39,295</u>	<u>35,487</u>	<u>31,080</u>	<u>71,977</u>	245.9	102.8
Total	332,901	534,943	613,800	689,459	705,830	816,921	856,368	872,851	908,671	1,064,855	219.9	22.0

Table 3. Direct Economic Impacts from Total (General Fund and Non-General Fund) and Non General Fund Expenditures, Allocated to the North Dakota Input-Output Model Industrial Sectors, Selected Fiscal Years 1999 to 2015 (Current Year Dollars)

	FY1999	FY2004	FY2006	FY2008	FY2009	FY2011	FY2012	FY2013	FY2014	FY2015	Change	
	-----\$ 000s-----										1999- 2015	2011- 2015
											-----%-----	
Total (General Fund and Non-General Fund) Direct Impacts												
Input-Output Model Sectors:												
Construction	26,529	62,243	39,488	45,246	34,084	71,095	76,797	83,832	77,621	198,948	649.9	137.3
Communication & Public Utilities	23,338	26,831	26,230	30,902	32,100	33,826	34,574	35,138	39,383	38,173	63.6	8.6
Retail Trade	73,616	74,066	93,553	122,212	116,755	115,042	131,513	148,703	174,103	283,049	284.5	90.3
Finance, Ins., Real Estate	68,057	103,952	110,559	125,517	124,140	164,136	176,246	182,785	211,516	221,966	226.1	21.4
Business and Personal Services	75,710	112,615	135,477	162,204	181,890	175,086	204,063	200,376	210,582	216,635	186.1	8.1
Households	265,672	381,613	422,757	454,218	491,396	606,154	620,781	630,776	638,223	653,055	145.8	3.5
Total	532,922	761,320	828,104	940,299	980,365	1,165,339	1,243,974	1,281,610	1,351,428	1,611,826	202.5	25.8
Non-General Fund Direct Impacts												
Input-Output Sectors:												
Construction	20,807	51,846	34,266	36,201	19,124	33,881	39,295	35,487	31,080	71,977	245.9	102.8
Communications & Public Utilities	11,878	14,966	16,120	18,906	19,725	19,762	19,749	20,813	22,765	21,030	77.1	1.0
Retail Trade	54,486	59,211	81,160	107,801	101,487	99,738	116,023	128,987	155,664	262,463	381.7	103.5
Finance, Ins., R. Estate	36,819	65,448	74,450	84,124	80,847	109,736	113,994	118,601	130,012	136,869	271.7	15.4
Business and Personal Services	53,962	90,286	116,406	134,276	150,621	140,999	163,554	157,142	164,520	161,560	199.4	2.8
Households	154,949	253,186	291,398	308,151	334,026	412,805	403,753	411,821	404,630	410,956	165.2	-0.2
Total	332,901	534,943	613,800	689,459	705,830	816,921	856,368	872,851	908,671	1,064,855	219.9	22.0

Table 4. Direct and Secondary Economic Effects, General and Non-General Funds, NDUS, Selected Fiscal Years 1999 to 2015 (Current Year Dollars)

Item	FY1999	FY2004	FY2006	FY2008	FY2009	FY2011	FY2012	FY2013	FY2014	FY2015	Change	
											1999-2015	2011-2015
----- \$ 000s-----											-----percent-----	
Direct and Secondary Economic Effects, General and Non-General Funds, by Economic Sector:												
Construction	65,070	117,946	100,140	112,887	105,381	157,239	167,644	176,849	174,841	308,389	373.9	74.4
Communication & Public Utilities	76,560	103,633	110,370	125,617	131,886	152,570	160,951	164,417	175,765	191,138	149.7	16.3
Retail Trade	392,833	536,877	597,584	684,069	708,724	831,897	887,728	922,943	984,171	1,192,978	203.7	29.3
Finance, Ins., R. Estate	139,715	207,621	223,761	251,652	257,349	324,787	345,733	356,128	392,733	424,126	203.6	19.1
Business and Personal Services	103,849	153,552	180,280	212,297	234,744	238,689	271,463	269,249	283,087	296,700	185.7	10.2
Professional and Social Services	39,731	57,512	62,822	69,725	73,706	89,432	94,020	96,139	100,396	110,827	178.9	15.3
Households	612,835	887,089	968,846	1,073,533	1,135,643	1,380,206	1,448,926	1,481,327	1,544,564	1,701,345	177.6	14.9
Other ¹	126,456	179,794	196,758	221,915	231,738	277,900	294,834	303,696	321,145	372,223	194.3	22.6
Total	1,557,049	2,244,024	2,440,561	2,751,695	2,879,171	3,452,720	3,671,299	3,770,748	3,976,702	4,597,626	195.3	21.9
Direct and Secondary Economic Effects, Non-General Funds, by Economic Sector:												
Construction	44,163	90,086	78,001	84,342	69,227	93,384	100,363	97,603	94,627	142,081	221.7	45.6
Communications & Public Utilities	44,380	68,060	77,533	87,144	90,781	102,686	105,958	108,336	113,193	120,650	171.9	11.4
Retail Trade	247,754	376,788	444,393	507,419	517,180	594,872	624,169	645,798	684,506	844,533	240.9	30.8
Finance, Ins., R. Estate	80,184	136,560	156,023	173,842	174,518	220,859	228,038	234,512	248,529	266,495	232.4	13.6
Business and Personal Services	70,970	118,369	148,781	169,984	187,891	185,149	209,102	203,384	212,035	213,018	200.2	4.7
Professional and Social Services	23,867	39,196	44,941	49,224	51,492	61,654	62,900	64,010	65,263	70,798	196.6	10.6
Households	367,522	603,700	691,608	756,177	791,816	950,252	967,322	984,549	1,002,012	1,084,560	195.1	10.2
Other ¹	<u>77,625</u>	<u>124,256</u>	<u>143,421</u>	<u>160,301</u>	<u>164,860</u>	<u>194,060</u>	<u>201,237</u>	<u>205,998</u>	<u>214,228</u>	<u>246,894</u>	218.1	19.9
Total	956,465	1,557,015	1,784,701	1,988,433	2,047,765	2,402,916	2,499,089	2,544,190	2,634,393	2,989,029	212.5	17.5

Table 5. Direct Employment in the NDUS, Secondary Employment Attributed to University System Expenditures, and Student Enrollment, Selected Years 1999 to 2015

Year	Direct Employment ¹	Secondary Employment ²	Student Enrollement ³
1999	8,120	12,138	30,720
2004	9,608	12,749	36,245
2006	10,260	12,483	35,373
2008	10,651	10,799	36,095
2009	11,079	10,279	37,564
2011	11,438	11,459	39,089
2012	11,393	10,478	38,703
2013	11,534	10,760	38,326
2014	11,393	10,901	38,174
2015	11,592	11,393	38,151
Change 1999-2015:			
Number	3,472	-745	7,431
Percent	42.8	-6.1	24.2
Change 2013-2015:			
Number	223	633	-175
Percent	2.0	5.9	-0.5

¹ NDUS employment is a June 30th employee head count consisting of faculty, classified, other non-classified and temporary positions. Student workers were not included in this total.

² Secondary employment is full-time equivalent workers. Estimates are based on business activity from university expenditures and student living expenses. A new methodology for estimating secondary employment was developed in 2011 and has been used for all subsequent analyses. This methodology will eliminate possible overestimation of secondary workers due to economic factors such as technological changes, excess capacity, and constrained economic variables. Secondary employment for each year the analysis has been completed (1999-2015) and was calculated using the new methodology to provide a consistent time-series data base. Reductions in secondary employment are a reflection of the new methodology and not a result of university system expenditures having a smaller role in secondary job creation.

³ Student enrollment is full-time equivalent students.

Student Economic Contribution

Student spending also adds to the economic contribution of the NDUS. Student spending included outlays for personal items, recreation, books, supplies, and room and board. Excluded from student expenditures were outlays for tuition and fees. Estimates of student expenditures were available for each of the 11 institutions in the NDUS (North Dakota Career Resource Network 2011; 2013) for the 2011-2012 and 2012-2013 school years. The North Dakota Career Resource Network estimated room and board and books and supplies for students

Table 6. Direct and Total Economic Effects, Student Living Expenditures, Students Enrolled in the NDUS, Selected Fiscal Years 2008 to 2015

Item	FY2008	Y2009	FY2011	FY2012	FY2013	FY2014	FY2015
	----- \$ 000 -----						
Direct Impacts:							
Student Expenditures for Living Expenses	304,502	327,360	392,045	409,408	415,421	425,533	427,299
Direct Impacts by I-O Model Sector:							
Retail Trade	228,377	245,519	294,034	307,056	311,566	319,150	320,474
Finance, Insurance, Real Estate	<u>76,125</u>	<u>81,841</u>	<u>98,011</u>	<u>102,352</u>	<u>103,855</u>	<u>106,383</u>	<u>106,825</u>
Total	304,502	327,360	392,045	409,408	415,421	425,333	427,299
Direct and Secondary Impacts:							
Construction	13,558	14,575	17,456	18,229	18,497	18,974	19,025
Communications and Public Utilities	22,137	23,798	28,502	29,764	30,201	30,936	31,065
Retail Trade	342,306	368,001	440,716	460,236	466,996	478,363	480,348
Finance, Insurance, Real Estate	100,143	107,662	128,933	134,644	136,621	139,947	140,528
Business and Personal Services	10,262	11,032	13,212	13,797	14,000	14,340	14,400
Professional and Social Services	12,515	13,454	16,113	16,827	17,074	17,489	17,562
Households	183,614	197,398	236,403	246,873	250,499	256,596	257,661
Other ¹	72,084	77,391	92,806	96,917	98,339	100,735	101,153
Total	756,619	813,311	974,141	1,017,287	1,032,227	1,057,353	1,061,742

¹Agriculture, mining, manufacturing, transportation, and government.

Appendix Table B1. Direct and Total Economic Impacts for Bismarck State College, Selected Fiscal Years 1999 to 2015 (Current Year Dollars)

Item	FY1999	FY2004	FY2006	FY2008	FY2009	FY2011	FY2012	FY2013	FY2014	FY2015	Change	
											FY1999-2015	FY2013-2015
											\$ 000	%
Direct Impacts:												
General Fund	6,256	7,745	8,727	9,509	11,587	13,032	13,449	14,198	15,334	16,784	168.3	18.2
Non-general Fund	10,741	19,574	20,056	23,521	27,440	34,771	33,241	33,491	37,150	38,358	257.1	14.5
Capital Improvements	<u>916</u>	<u>366</u>	<u>844</u>	<u>4,621</u>	<u>1,178</u>	<u>3,122</u>	<u>2,948</u>	<u>3,854</u>	<u>5,953</u>	<u>13,181</u>	1,339.0	242.0
TOTAL	17,913	27,685	29,627	37,651	40,205	50,925	49,638	51,543	58,437	68,323	281.4	32.6
Direct Impacts by I-O Sector:												
Construction	916	366	844	4,621	1,178	3,122	2,948	3,854	5,953	13,181	1,339.0	242.0
Communication and Public Utilities	737	709	654	722	910	956	920	982	1,056	1,117	51.6	13.7
Retail Trade	2,928	4,063	3,710	4,472	7,150	6,324	5,290	6,606	6,036	7,785	165.9	17.8
Finance, Insurance, Real Estate	2,128	3,684	4,274	4,884	4,687	6,744	7,172	7,553	8,341	8,735	310.5	15.6
Business and Personal Services	1,641	4,716	4,201	5,269	6,685	8,051	7,221	7,012	11,058	11,575	605.4	65.1
Households	<u>9,563</u>	<u>14,147</u>	<u>15,944</u>	<u>17,683</u>	<u>19,595</u>	<u>25,728</u>	<u>26,087</u>	<u>25,536</u>	<u>25,993</u>	<u>25,930</u>	171.1	1.5
TOTAL	17,913	27,685	29,627	37,651	40,205	50,925	49,638	51,543	58,437	68,323	281.4	32.6
Total Impacts(Direct and Secondary):												
Construction	2,221	2,378	3,042	7,299	4,024	6,820	6,617	7,586	10,095	17,802	701.5	134.7
Communications and Public Utilities	2,493	3,517	3,678	4,403	4,875	6,069	5,967	6,129	6,906	7,605	205.1	24.1
Retail Trade	13,726	20,791	22,018	26,757	30,768	37,110	35,888	37,715	40,585	46,256	237.0	22.6
Finance, Insurance, Real Estate	4,545	7,443	8,377	9,849	9,987	13,636	14,017	14,496	16,063	17,271	280.0	19.1
Business and Personal Services	2,575	6,208	5,826	7,226	8,774	10,779	9,935	9,765	14,157	14,970	481.4	53.3
Professional Social Services	1,351	2,088	2,294	2,744	2,931	3,827	3,819	3,861	4,244	4,638	243.3	20.1
Households	20,903	32,191	35,426	42,285	45,164	59,022	58,948	59,532	65,193	71,094	240.1	19.4
Other ¹	<u>4,306</u>	<u>6,628</u>	<u>7,165</u>	<u>8,764</u>	<u>9,509</u>	<u>12,074</u>	<u>11,890</u>	<u>12,267</u>	<u>13,536</u>	<u>15,279</u>	254.8	24.6
TOTAL	52,120	81,244	87,826	109,327	116,032	149,337	147,081	151,351	170,779	194,915	274.0	28.8

¹Includes agriculture, mining, manufacturing, transportation, and government.

Appendix Table B2. Direct and Total Economic Impacts for Dickinson State University, Selected Fiscal Years 1999 to 2015 (Current Year Dollars)

Item	FY1999	FY2004	FY2006	FY2008	FY2009	FY2011	FY2012	FY2013	FY2014	FY2015	Change	
											FY1999-2015	FY2013-2015
-----\$ 000s-----											-----percent-----	
Direct Impacts:												
General Fund	5,764	6,702	7,299	8,562	8,589	12,620	13,119	12,013	13,507	13,774	139.0	14.7
Non-general Fund	8,305	14,613	19,995	22,294	24,599	23,541	21,882	17,823	16,411	16,327	96.6	-8.4
Capital Improvements	869	1,696	1,577	268	4,340	1,185	782	155	210	143	-83.5	-7.7
TOTAL	14,938	23,011	28,871	31,124	37,528	37,346	35,783	29,991	30,128	30,244	102.5	0.8
Direct Impacts by I-O Sector:												
Construction	869	1,696	1,577	268	4,340	1,185	782	155	210	143	-83.5	-7.7
Communication and Public Utilities	821	969	880	951	931	944	927	849	955	882	7.4	3.9
Retail Trade	1,663	2,587	3,115	3,057	3,156	3,168	2,803	2,418	2,375	2,627	58.0	8.6
Finance, Insurance, Real Estate	1,604	2,551	3,110	3,936	4,162	5,014	5,358	4,858	5,437	5,211	224.9	7.3
Business and Personal Services	2,382	3,278	5,373	5,706	6,309	6,735	6,500	5,316	5,088	5,088	113.6	-4.3
Households	7,599	11,930	14,816	17,206	18,630	20,300	19,413	16,395	16,063	16,293	114.4	-0.6
TOTAL	14,938	23,011	28,871	31,124	37,528	37,346	35,783	29,991	30,128	30,244	102.5	0.8
Total Impacts (Direct plus Secondary):												
Construction	1,958	3,378	3,681	2,604	7,061	3,986	3,481	2,431	2,494	2,432	24.2	0.0
Communications and Public Utilities	2,321	3,263	3,796	4,190	4,666	4,826	4,689	4,030	4,164	4,087	76.1	1.4
Retail Trade	10,650	16,501	20,561	22,471	25,744	26,484	25,312	21,410	21,465	21,745	104.2	1.6
Finance, Insurance, Real Estate	3,629	5,676	7,037	8,313	9,221	10,259	10,421	9,130	9,725	9,506	161.9	4.1
Business and Personal Services	3,172	4,495	6,917	7,439	8,294	8,818	8,525	7,031	6,821	6,818	114.9	-3.0
Professional Social Services	1,120	1,733	2,171	2,440	2,793	2,922	2,824	2,388	2,398	2,403	114.6	0.6
Households	17,283	26,780	33,502	37,679	43,096	45,112	43,574	36,841	36,959	37,047	114.4	0.6
Other ¹	3,504	5,418	6,766	7,473	8,684	8,935	8,620	7,290	7,354	7,378	110.6	1.2
TOTAL	43,637	67,244	84,431	92,609	109,559	111,342	107,446	91,551	91,380	91,416	109.5	1.0

¹ Includes agriculture, mining, manufacturing, transportation, and government.

Appendix Table B3. Direct and Total Economic Impacts for Lake Region State College, Selected Fiscal Years 1999 to 2015 (Current Year Dollars)

Item	FY1999	FY2004	FY2006	FY2008	FY2009	FY2011	FY2012	FY2013	FY2014	FY2015	Change	
											FY1999-2015	FY2013-2015
-----\$ 000s-----											-----percent-----	
Direct Impacts												
General Fund	2,145	2,471	2,828	3,220	3,243	4,127	4,826	4,931	6,266	6,579	206.7	33.4
Non-general Fund	3,880	6,077	6,781	8,075	8,398	10,909	12,982	11,528	11,650	12,224	215.1	6.0
Capital Improvements	<u>723</u>	<u>696</u>	<u>549</u>	<u>64</u>	<u>109</u>	<u>107</u>	<u>2,681</u>	<u>4,652</u>	<u>3,886</u>	<u>1,703</u>	135.5	-63.4
TOTAL	6,748	9,244	10,158	11,359	11,750	15,143	20,489	21,111	21,802	20,506	203.9	-2.9
Direct Impacts by I-O Sector:												
Construction	723	696	549	64	109	107	2,681	4,652	3,886	1,703	135.5	-63.4
Communication and Public Utilities	225	333	294	307	308	290	263	250	249	265	17.8	6.0
Retail Trade	853	874	961	1,217	1,080	1,540	1,924	1,813	2,103	2,316	171.5	27.7
Finance, Insurance, Real Estate	694	1,177	1,319	1,569	1,601	2,286	2,545	2,710	3,162	3,333	380.3	23.0
Business and Personal Services	620	1,189	1,597	1,878	1,881	2,216	4,062	2,646	2,868	2,844	358.7	7.5
Households	<u>3,633</u>	<u>4,975</u>	<u>5,438</u>	<u>6,324</u>	<u>6,771</u>	<u>8,704</u>	<u>9,014</u>	<u>9,040</u>	<u>9,534</u>	<u>10,045</u>	176.5	11.1
TOTAL	6,748	9,244	10,158	11,359	11,750	15,143	20,489	21,111	21,802	20,506	203.9	-2.9
Total Impacts (Direct and Secondary):												
Construction	1,216	1,384	1,304	919	1,004	1,260	4,122	6,125	5,399	3,194	162.7	-47.9
Communications and Public Utilities	880	1,266	1,332	1,488	1,536	1,872	2,289	2,256	2,359	2,331	164.9	3.3
Retail Trade	4,935	6,581	7,240	8,329	8,529	11,161	13,935	14,086	14,907	14,784	199.6	5.0
Finance, Insurance, Real Estate	1,606	2,456	2,729	3,169	3,277	4,445	5,228	5,425	5,999	6,111	280.5	12.6
Business and Personal Services	970	1,689	2,153	2,512	2,544	3,074	5,132	3,713	3,993	3,955	307.7	6.5
Professional Social Services	509	713	785	895	939	1,213	1,469	1,491	1,563	1,546	203.7	3.7
Households	7,881	11,030	12,126	13,822	14,529	18,763	22,578	22,948	24,054	23,818	202.2	3.8
Other ¹	<u>1,595</u>	<u>2,203</u>	<u>2,421</u>	<u>2,751</u>	<u>2,855</u>	<u>3,710</u>	<u>4,675</u>	<u>4,776</u>	<u>5,013</u>	<u>4,890</u>	206.6	2.4
TOTAL	19,592	27,322	30,090	33,885	35,213	45,498	59,428	60,820	63,287	60,629	209.5	-0.3

¹ Includes agriculture, mining, manufacturing, transportation, and government.

Appendix Table B4. Direct and Total Economic Impacts for Mayville State University, Selected Fiscal Years 1999 to 2015 (Current Year Dollars)

Item	FY1999	FY2004	FY2006	FY2008	FY2009	FY2011	FY2012	FY2013	FY2014	FY2015	Change	
											FY1999-2015	FY2011-2015
----- \$ 000 -----											----- % -----	
Direct Impacts:												
General Fund	3,735	4,420	4,343	4,835	5,108	5,901	6,224	6,437	7,080	7,697	106.1	19.6
Non-general Fund	5,481	7,582	9,220	8,337	8,980	12,740	13,548	13,644	13,717	14,486	164.3	6.2
Capital Improvements	<u>210</u>	<u>3,778</u>	<u>176</u>	<u>871</u>	<u>521</u>	<u>5,875</u>	<u>1,190</u>	<u>504</u>	<u>1,818</u>	<u>3,353</u>	1,496.7	565.3
TOTAL	9,426	15,780	13,739	14,043	14,609	24,516	20,962	20,585	22,615	25,536	170.9	24.1
Direct Impacts by I-O Sector:												
Construction	210	3,778	176	871	521	5,875	1,190	504	1,818	3,353	1,496.7	565.3
Communication and Public Utilities	458	428	739	864	873	532	545	619	607	620	35.4	0.2
Retail Trade	980	1,285	1,697	1,637	1,460	2,127	2,144	2,108	2,003	2,163	120.7	2.6
Finance, Insurance, Real Estate	1,799	1,858	2,140	2,135	2,244	3,127	3,428	3,592	3,959	4,198	133.4	16.9
Business and Personal Services	1,207	2,031	1,616	1,576	2,106	3,009	3,400	3,111	3,277	3,344	177.1	7.5
Households	<u>4,772</u>	<u>6,400</u>	<u>7,371</u>	<u>6,960</u>	<u>7,405</u>	<u>9,846</u>	<u>10,255</u>	<u>10,651</u>	<u>10,951</u>	<u>11,858</u>	148.5	11.3
TOTAL	9,426	15,780	13,739	14,043	14,609	24,516	20,962	20,585	22,615	25,536	170.9	24.1
Total Impacts (Direct and Secondary):												
Construction	914	4,865	1,203	1,900	1,604	7,562	2,724	2,039	3,478	5,199	468.8	155.0
Communications and Public Util	1,443	1,912	2,152	2,280	2,380	2,837	2,695	2,765	2,924	3,174	120.0	14.8
Retail Trade	6,848	10,312	10,220	10,155	10,435	16,156	14,947	14,927	15,874	17,580	156.7	17.8
Finance, Insurance, Real Estate	3,114	3,857	4,055	4,045	4,263	6,228	6,293	6,465	7,055	7,627	144.9	18.0
Business and Personal Services	1,736	2,812	2,372	2,328	2,907	4,226	4,551	4,266	4,522	4,713	171.5	10.5
Professional Social Services	735	1,091	1,072	1,062	1,122	1,694	1,591	1,605	1,722	1,900	158.5	18.4
Households	11,322	16,782	16,551	16,377	17,301	26,056	24,497	24,728	26,502	29,255	158.4	18.3
Other ¹	<u>2,304</u>	<u>3,519</u>	<u>3,352</u>	<u>3,359</u>	<u>3,504</u>	<u>5,490</u>	<u>5,004</u>	<u>5,000</u>	<u>5,399</u>	<u>6,001</u>	<u>160.5</u>	<u>20.0</u>
TOTAL	28,416	45,150	40,977	41,506	43,516	70,249	62,302	61,795	67,476	75,449	165.5	22.1

¹Includes agriculture, mining, manufacturing, transportation, and government.

Appendix Table B5. Direct and Total Economic Impacts for Minot State University, Selected Fiscal Years 1999 to 2015 (Current Year Dollars)

Item	FY1999	FY2004	FY2006	FY20008	FY2009	FY2011	FY2012	FY2013	FY2014	FY2015	FY1999- 2015	FY2013- 2015
	----- \$ 000 -----										----- % -----	
Direct Impacts:												
General Fund	16,966	20,712	13,822	14,710	15,159	18,756	24,296	20,427	22,566	23,813	40.4	16.6
Non-general Fund	9,747	18,019	28,043	28,920	30,204	37,218	33,010	36,247	38,142	35,689	266.2	-1.5
Capital Improvements	<u>3,375</u>	<u>671</u>	<u>4,422</u>	<u>1,031</u>	<u>3,146</u>	<u>5,618</u>	<u>19,739</u>	<u>5,433</u>	<u>3,505</u>	<u>6,176</u>	83.0	13.7
TOTAL	30,088	39,402	46,287	44,661	48,509	61,592	77,045	62,107	64,213	65,678	118.3	5.7
Direct Impacts by I-O Sector:												
Construction	3,375	671	4,422	1,031	3,146	5,618	19,739	5,433	3,505	6,176	83.0	13.7
Communication and Public Utilities	1,063	1,266	1,223	1,338	1,293	1,434	1,427	1,703	1,940	1,792	68.6	5.2
Retail Trade	2,450	2,789	4,444	3,139	3,394	3,874	4,331	3,669	4,703	4,030	64.5	9.8
Finance, Insurance, Real Estate	3,718	6,701	5,891	6,632	6,858	8,591	9,639	9,824	10,118	10,375	179.0	5.6
Business and Personal Services	2,741	5,269	5,361	6,069	6,160	9,017	8,275	8,348	10,825	9,375	242.0	12.3
Households	<u>16,741</u>	<u>22,706</u>	<u>24,946</u>	<u>26,452</u>	<u>27,658</u>	<u>33,058</u>	<u>33,634</u>	<u>33,130</u>	<u>33,122</u>	<u>33,930</u>	102.7	2.4
TOTAL	30,088	39,402	46,287	44,661	48,509	61,592	77,045	62,107	64,213	65,678	118.3	5.7
Total Impacts: (Direct plus Secondary)												
Construction	5,633	3,716	7,856	4,487	6,844	10,237	25,170	10,115	8,298	11,082	96.7	9.6
Communications and Public Utilities	4,063	5,444	5,850	6,038	6,297	7,740	8,727	8,111	8,622	8,544	110.3	5.3
Retail Trade	21,185	28,199	32,988	31,928	34,193	42,365	49,536	42,729	44,671	44,965	112.2	5.2
Finance, Insurance, Real Estate	7,902	12,403	12,269	13,099	13,757	17,204	19,625	18,556	19,084	19,524	147.1	5.2
Business and Personal Services	4,359	7,541	7,850	8,623	8,873	12,420	12,169	11,816	14,414	13,017	198.6	10.2
Professional Social Services	2,343	3,209	3,562	3,639	3,870	4,804	5,489	4,879	4,989	5,098	117.6	4.5
Households	36,308	49,615	55,102	56,338	59,902	74,224	84,623	75,357	76,903	78,665	116.7	4.4
Other ¹	<u>7,174</u>	<u>9,699</u>	<u>11,013</u>	<u>10,933</u>	<u>11,714</u>	<u>14,638</u>	<u>17,339</u>	<u>14,880</u>	<u>15,348</u>	<u>15,640</u>	118.0	5.1
TOTAL	88,967	119,826	136,490	135,085	145,450	183,632	222,678	186,443	192,329	196,535	120.9	5.4

¹ Includes agriculture, mining, manufacturing, transportation, and government.

Appendix Table B6. Direct and Total Economic Impacts for Dakota College at Bottineau, Selected Fiscal Years 1999 to 2015 (Current Year Dollars)

Item	FY1999	FY2004	FY2006	FY2008	FY2009	FY2011	FY2012	FY2013	FY2014	FY2015	Change	
											FY1999-2015	FY2013-2015
-----\$000s-----											-----percent-----	
Direct Impacts:												
General Fund	2,456	2,813	2,248	2,439	2,535	1,875	3,194	3,372	4,230	4,095	66.7	21.4
Non-general Fund	1,878	2,420	3,228	4,025	4,614	6,780	5,777	5,534	6,161	5,968	217.8	7.8
Capital Improvements	<u>242</u>	<u>117</u>	<u>477</u>	<u>200</u>	<u>249</u>	<u>871</u>	<u>58</u>	<u>713</u>	<u>651</u>	<u>1,377</u>	469.0	93.1
TOTAL	4,576	5,350	5,953	6,664	7,399	9,526	9,029	9,619	11,042	11,440	150.0	18.9
Direct Impacts by I-O Sector:												
Construction	242	117	477	200	249	871	58	713	651	377	469.0	93.1
Communication and Public Utilities	212	241	216	250	256	358	266	294	325	369	74.1	25.5
Retail Trade	489	601	532	719	783	787	917	812	1,240	1,030	110.6	26.8
Finance, Insurance, Real Estate	515	756	798	924	966	1,230	1,392	1,457	1,679	1,766	242.9	21.2
Business and Personal Services	646	727	845	966	1,183	1,342	1,349	1,325	1,565	1,659	156.8	25.2
Households	<u>2,472</u>	<u>2,908</u>	<u>3,085</u>	<u>3,605</u>	<u>3,962</u>	<u>4,938</u>	<u>5,047</u>	<u>5,018</u>	<u>5,582</u>	<u>5,239</u>	111.9	4.4
TOTAL	4,576	5,350	5,953	6,664	7,399	9,526	9,029	9,619	11,042	11,440	150.0	18.9
Total Impacts (Direct Plus Secondary):												
Construction	581	517	917	698	799	1,575	742	1,429	1,461	2,200	278.7	54.0
Communications and Public Utilities	674	791	819	934	1,014	1,320	1,210	1,278	1,446	1,513	124.5	18.4
Retail Trade	3,295	3,923	4,186	4,852	5,349	6,630	6,617	6,775	7,987	7,882	139.2	16.3
Finance, Insurance, Real Estate	1,146	1,503	1,617	1,853	1,993	2,539	2,673	2,791	3,189	3,294	187.4	18.0
Business and Personal Services	892	1,021	1,167	1,332	1,588	1,856	1,858	1,854	2,165	2,268	154.3	22.3
Professional Social Services	351	417	455	518	572	728	718	744	840	844	140.5	13.4
Households	5,432	6,449	7,030	8,009	8,830	11,237	11,090	11,485	12,959	12,991	139.2	13.1
Other ¹	<u>1,088</u>	<u>1,296</u>	<u>1,411</u>	<u>1,607</u>	<u>1,771</u>	<u>2,249</u>	<u>2,205</u>	<u>2,301</u>	<u>2,642</u>	<u>2,674</u>	145.8	16.2
TOTAL	13,459	15,917	17,602	19,803	21,916	28,134	27,113	28,657	32,689	33,666	150.1	17.5

¹ Includes agriculture, mining, manufacturing, transportation, and government.

Appendix Table B7. Direct and Total Economic Impacts for North Dakota State College of Science, Selected Fiscal Years 1999 to 2015 (Current Dollars)

Item	FY1999	FY2004	FY2006	FY2008	FY2009	FY2011	FY2012	FY2013	FY2014	FY2015	FY1999-2015	FY2013-2015
	----- \$ 000 -----										-----percent-----	
Direct Impacts:												
General Fund	15,199	16,116	12,404	14,276	14,736	17,462	17,556	18,714	20,181	19,809	30.3	5.9
Non-general Fund	12,302	17,777	22,478	25,110	25,382	25,978	26,960	26,892	24,258	27,384	122.6	1.8
Capital Improvements	<u>3,066</u>	<u>757</u>	<u>739</u>	<u>294</u>	<u>378</u>	<u>1,169</u>	<u>1,820</u>	<u>14,069</u>	<u>5,455</u>	<u>7,256</u>	136.7	-48.4
TOTAL	30,567	34,650	35,621	39,680	40,496	44,609	46,336	59,675	49,894	54,449	78.1	-8.8
Direct Impacts by I-O Sector:												
Construction	3,066	757	739	294	378	1,169	1,820	14,069	5,455	7,256	136.7	-48.8
Communication and Public Utilities	1,662	1,838	1,693	1,594	1,494	1,832	1,725	1,804	2,070	1,871	12.6	3.7
Retail Trade	4,945	5,543	6,027	6,170	7,075	6,041	4,448	5,448	4,631	5,985	19.2	8.2
Finance, Insurance, Real Estate	3,416	4,377	4,623	5,193	5,258	6,292	6,716	7,114	7,781	8,190	139.8	15.1
Business and Personal Services	3,499	5,503	5,176	8,220	6,660	6,781	7,796	7,324	6,402	6,197	77.1	-15.4
Households	<u>13,979</u>	<u>16,632</u>	<u>17,363</u>	<u>18,209</u>	<u>19,631</u>	<u>22,494</u>	<u>23,831</u>	<u>23,916</u>	<u>23,555</u>	<u>24,950</u>	78.5	4.3
TOTAL	30,567	34,650	35,621	39,680	40,496	44,609	46,336	59,675	49,894	54,449	78.1	-8.8
Total Impacts (Direct and Secondary):												
Construction	5,204	3,232	3,287	3,102	3,263	4,422	5,250	18,164	9,074	11,144	114.1	-38.6
Communications and Public Utilities	4,588	5,302	5,241	5,613	5,542	6,359	6,506	7,395	7,072	7,212	57.2	-2.5
Retail Trade	22,576	25,999	27,108	29,458	30,999	33,038	32,972	39,421	34,729	38,328	69.8	-2.8
Finance, Insurance, Real Estate	7,361	8,983	9,362	10,445	10,637	12,357	13,127	14,637	14,500	15,386	109.0	5.1
Business and Personal Services	5,026	7,318	7,041	10,321	8,789	9,183	10,347	10,261	9,067	9,039	79.8	-11.9
Professional Social Services	2,173	2,544	2,625	2,886	2,977	3,369	3,562	4,104	3,722	3,982	83.2	-3.0
Households	33,495	39,178	40,444	44,330	45,835	51,942	54,923	63,119	57,337	61,332	83.1	-2.8
Other	<u>7,109</u>	<u>8,213</u>	<u>8,490</u>	<u>9,339</u>	<u>9,650</u>	<u>10,683</u>	<u>11,063</u>	<u>13,325</u>	<u>11,758</u>	<u>12,749</u>	79.3	-4.3
TOTAL	87,532	100,769	103,598	115,494	117,692	131,353	137,750	170,426	147,259	159,172	81.1	-6.6

¹ Includes agriculture, mining, manufacturing, transportation, and government.

Appendix Table B8. Direct and Total Economic Impacts for North Dakota State University, Selected Fiscal Years 1999 to 2015 (Current Year Dollars)

Item	FY1999	FY2004	FY2006	FY2008	FY2009	FY2011	FY2012	FY2013	FY2014	FY2015	Change	
											FY1999-2015	FY2013-2015
----- \$ 000 -----											----- percent-----	
Direct Impacts:												
General Fund	67,041	70,715	76,513	88,150	98,272	102,250	114,428	135,685	135,035	144,142	115.0	6.2
Non-general Fund	95,014	155,899	193,757	232,749	239,061	274,916	292,972	276,095	297,429	340,791	258.7	23.4
Capital Improvements	<u>5,581</u>	<u>20,139</u>	<u>14,411</u>	<u>24,765</u>	<u>18,051</u>	<u>27,153</u>	<u>24,715</u>	<u>27,357</u>	<u>17,396</u>	<u>55,458</u>	893.7	102.7
TOTAL	167,636	246,753	284,681	345,664	355,384	404,319	432,115	439,137	452,860	540,391	222.2	23.1
Direct Impacts by I-O Sector:												
Construction	5,581	20,139	14,411	24,765	18,051	27,153	24,715	27,357	17,396	55,458	893.7	102.7
Communication and Public Utilities	8,168	10,185	9,966	11,993	12,696	13,246	14,281	13,333	14,588	14,734	80.4	10.5
Retail Trade	24,448	20,002	34,301	48,811	43,043	38,694	46,497	57,901	63,551	98,683	303.6	70.4
Finance, Insurance, Real Estate	21,879	32,862	36,489	43,731	44,038	57,134	61,044	63,131	78,173	82,093	275.2	30.0
Business and Personal Services	22,510	35,840	45,494	59,668	64,159	58,669	71,728	64,593	66,242	70,131	211.6	8.6
Households	<u>85,050</u>	<u>127,725</u>	<u>144,020</u>	<u>156,696</u>	<u>173,397</u>	<u>209,423</u>	<u>213,850</u>	<u>212,822</u>	<u>212,910</u>	<u>219,292</u>	157.8	3.0
TOTAL	167,636	246,753	284,681	345,664	355,384	404,319	432,115	439,137	452,860	540,391	222.4	23.1
Total Impacts (Direct and Secondary):												
Construction	17,762	38,417	35,149	49,111	43,680	57,042	56,222	59,002	50,031	92,307	419.7	56.4
Communication and Public Utilities	24,968	35,257	38,690	46,173	48,534	54,384	58,214	57,313	60,570	66,508	166.4	16.0
Retail Trade	125,268	171,687	206,409	250,758	255,641	287,276	308,509	321,122	335,761	405,330	223.6	26.2
Finance, Insurance, Real Estate	44,531	66,886	75,136	89,009	91,838	112,833	119,823	12,033	139,044	150,246	237.4	23.1
Business and Personal Services	31,395	49,228	60,743	77,609	83,082	80,691	95,100	87,963	90,721	97,274	209.8	10.6
Professional Social Services	12,585	18,903	21,432	24,895	26,391	31,000	32,574	32,660	33,800	37,447	197.6	14.7
Households	194,198	291,865	330,539	382,838	406,494	478,454	501,861	503,120	519,727	574,594	195.9	14.2
Other ¹	<u>40,073</u>	<u>58,373</u>	<u>67,452</u>	<u>80,499</u>	<u>83,475</u>	<u>96,318</u>	<u>102,348</u>	<u>104,203</u>	<u>108,784</u>	<u>126,063</u>	214.6	21.0
TOTAL	490,780	730,616	835,550	1,000,892	1,039,135	1,197,998	1,274,651	1,287,416	1,338,438	1,549,769	215.8	20.4

¹Includes agriculture, mining, manufacturing, transportation, and government.

Appendix Table B9. Direct and Total Economic Impacts for University of North Dakota, Selected Fiscal Years 1999 to 2015 (Current Year Dollars)

Item	FY1999	FY2004	FY2006	FY2008	FY2009	FY2011	FY2012	FY2013	FY2014	FY2015	FY1999- 2015	FY2013- 2015
	----- \$ 000 -----										----- % -----	
Direct Impacts:												
General Fund	62,990	62,320	66,308	77,379	81,708	91,230	104,617	89,579	109,250	117,245	86.1	30.9
Non-general Fund	152,076	227,572	259,366	281,470	298,233	331,144	349,768	382,402	393,597	463,283	204.6	21.2
Capital Improvements	<u>10,342</u>	<u>25,178</u>	<u>15,804</u>	<u>11,638</u>	<u>4,194</u>	<u>12,860</u>	<u>12,791</u>	<u>17,135</u>	<u>29,001</u>	<u>96,252</u>	830.7	461.7
TOTAL	225,408	315,070	341,478	370,487	384,135	435,234	467,176	489,116	531,848	676,780	200.2	38.4
Direct Impacts by I-O Sector:												
Construction	10,342	25,178	15,804	11,638	4,194	12,860	12,791	17,135	29,001	96,252	830.7	461.7
Communication and Public Utilities	9,024	9,914	9,566	11,946	12,395	11,362	11,876	12,926	13,964	12,474	38.2	-3.5
Retail Trade	32,174	33,193	35,697	48,859	45,793	47,576	56,798	62,536	81,028	152,030	372.5	143.1
Finance, Insurance, Real Estate	29,732	47,425	47,815	51,643	50,013	66,216	70,668	72,357	80,253	84,969	185.8	17.4
Business and Personal Services	36,108	42,150	61,087	68,032	80,527	65,807	79,444	82,217	82,970	82,851	129.5	0.8
Households	<u>108,028</u>	<u>157,210</u>	<u>171,509</u>	<u>178,369</u>	<u>191,213</u>	<u>231,414</u>	<u>235,599</u>	<u>241,945</u>	<u>244,632</u>	<u>248,204</u>	129.8	2.6
TOTAL	225,408	315,070	341,478	370,487	384,135	435,234	467,176	489,116	531,848	676,780	200.2	38.4
Total Impacts (Direct plus Secondary):												
Construction	26,482	48,230	40,803	38,322	32,148	45,263	46,996	52,674	66,712	140,364	430.0	166.5
Communications and Public Utilities	31,569	41,692	44,526	49,586	51,988	56,225	59,809	62,730	66,977	74,142	134.9	18.2
Retail Trade	166,004	225,096	243,773	270,693	278,047	317,661	341,897	358,561	395,104	518,244	212.2	44.5
Finance, Insurance, Real Estate	59,779	90,315	94,538	101,496	102,398	126,782	134,635	138,744	150,475	166,008	177.7	19.7
Business and Personal Services	47,993	59,150	79,713	87,938	101,464	89,916	105,036	108,736	111,030	114,738	139.1	5.5
Professional Social Services	16,607	23,853	25,904	27,556	28,945	33,826	35,557	36,844	38,832	44,146	165.8	19.8
Households	255,739	367,831	399,082	423,970	445,484	521,999	547,698	567,359	597,069	676,604	164.6	19.3
Other ¹	<u>53,259</u>	<u>74,979</u>	<u>80,995</u>	<u>87,740</u>	<u>90,939</u>	<u>105,154</u>	<u>111,969</u>	<u>116,735</u>	<u>126,015</u>	<u>154,314</u>	189.7	35.7
TOTAL	657,432	931,146	1,009,334	1,087,301	1,131,413	1,296,826	1,383,597	1,442,383	1,552,214	1,888,560	187.3	30.9

¹ Includes agriculture, mining, manufacturing, transportation, and government.

Appendix Table B10. Direct and Total Economic Impacts for Valley City State University, Selected Fiscal Years 1999 to 2015 (Current Year Dollars)

Item	FY1999	FY2004	FY2006	FY2008	FY2009	FY2011	FY2012	FY2013	FY2014	FY2015	Change	
											FY1999-2015	FY2013-2015
----- \$ 000 -----											-----percent-----	
Direct Impacts:												
General Fund	5,152	5,943	5,850	6,754	7,073	8,660	9,784	9,592	10,485	13,808	168.0	44.0
Non-general Fund	7,364	8,657	10,229	10,614	11,181	14,259	15,013	14,150	14,309	14,468	96.5	2.2
Capital Improvements	<u>841</u>	<u>2,423</u>	<u>295</u>	<u>1,291</u>	<u>984</u>	<u>3,371</u>	<u>3,485</u>	<u>6,553</u>	<u>1,278</u>	<u>2,665</u>	216.9	-59.3
TOTAL	13,357	17,023	16,374	18,659	19,237	26,290	28,282	30,295	26,072	30,941	131.6	2.1
Direct Impacts by I-O Sector:												
Construction	841	2,423	295	1,291	984	3,371	3,485	6,553	1,278	2,665	216.9	-59.3
Communication and Public Utilities	794	672	699	618	609	686	622	624	719	753	-5.2	20.7
Retail Trade	1,413	1,330	1,702	1,525	1,659	2,021	2,456	1,982	2,054	1,988	40.7	0.3
Finance, Insurance, Real Estate	1,744	2,636	2,532	2,971	2,586	3,767	4,173	4,373	4,757	4,952	183.9	13.3
Business and Personal Services	1,938	2,253	2,849	2,880	3,488	4,148	4,864	3,518	4,704	7,513	287.7	113.6
Households	<u>6,627</u>	<u>7,709</u>	<u>8,297</u>	<u>9,374</u>	<u>9,911</u>	<u>12,297</u>	<u>12,682</u>	<u>13,245</u>	<u>12,560</u>	<u>13,070</u>	97.2	-1.3
TOTAL	13,357	17,023	16,374	18,659	19,237	26,290	28,282	30,295	26,072	30,941	131.6	2.1
Total Impacts (Direct and Secondary):												
Construction	1,817	3,648	1,506	2,672	2,406	5,269	5,504	8,701	3,202	4,872	168.1	-44.0
Communications and Public Utilities	2,143	2,367	2,402	2,538	2,590	3,318	3,451	3,551	3,450	3,957	84.6	11.4
Retail Trade	9,479	11,521	11,771	13,032	13,487	17,834	19,293	19,893	18,150	20,432	115.6	2.7
Finance, Insurance, Real Estate	3,558	4,907	4,798	5,548	5,245	7,296	7,930	8,337	8,362	9,091	155.5	9.0
Business and Personal Services	2,650	3,155	3,756	3,909	4,545	5,551	6,368	5,082	6,169	9,207	247.4	81.2
Professional Social Services	1,004	1,254	1,259	1,433	1,475	1,948	2,068	2,183	2,001	2,263	25.4	3.7
Households	15,485	19,295	19,385	22,077	22,744	30,000	31,793	33,622	30,762	34,644	123.7	3.0
Other ¹	<u>3,153</u>	<u>3,960</u>	<u>3,927</u>	<u>4,447</u>	<u>4,556</u>	<u>6,112</u>	<u>6,550</u>	<u>6,916</u>	<u>6,239</u>	<u>7,124</u>	125.9	3.0
TOTAL	39,289	50,107	48,804	55,656	57,048	77,328	82,957	88,285	78,335	91,590	133.1	3.7

¹ Includes agriculture, mining, manufacturing, transportation, and government.

Appendix Table B11. Direct and Total Economic Impacts for Williston State College, Selected Fiscal Years 1999 to 2015 (Current Year Dollars)

Item	FY1999	FY2004	FY2006	FY2008	FY2009	FY2011	FY2012	FY2013	FY2014	FY2015	Change	
											FY1999-2015	FY2013-2015
----- \$ 000 -----											----- % -----	
Direct Impacts:												
General Fund	2,394	2,606	2,808	3,295	3,287	4,129	4,869	5,255	6,145	6,254	161.2	19.0
Non-general Fund	3,388	6,365	6,203	<u>7,429</u>	<u>7,849</u>	9,840	11,385	12,037	13,518	14,179	318.5	17.8
Capital Improvements	<u>363</u>	<u>1,117</u>	<u>192</u>	<u>204</u>	<u>933</u>	<u>9,765</u>	<u>6,587</u>	<u>3,407</u>	<u>8,468</u>	<u>11,385</u>	3,036.4	234.2
TOTAL	6,145	10,088	9,203	10,928	12,069	23,734	22,841	20,699	28,131	31,818	417.8	53.7
Direct Impacts by I-O Sector:												
Construction	363	1,117	192	204	933	9,765	6,587	3,407	8,468	11,385	3,036.4	234.2
Communication and Public Utilities	157	256	277	300	316	366	353	353	363	318	102.5	-9.9
Retail Trade	1,001	1,318	1,271	2,478	2,001	2,309	3,325	2,427	2,795	3,596	259.2	48.2
Finance, Insurance, Real Estate	640	1,046	1,253	1,389	1,256	2,002	2,187	2,381	2,994	2,916	355.6	22.5
Business and Personal Services	645	1,449	1,225	1,242	1,976	1,977	2,242	3,174	3,771	3,421	430.4	7.8
Households	<u>3,339</u>	<u>4,902</u>	<u>4,985</u>	<u>5,315</u>	<u>5,587</u>	<u>7,315</u>	<u>8,147</u>	<u>8,957</u>	<u>9,740</u>	<u>10,182</u>	204.9	13.7
TOTAL	6,145	10,088	9,203	10,928	12,069	23,734	22,841	20,699	28,131	31,818	417.8	53.7
Total Impacts (Direct and Secondary):												
Construction	810	1,834	873	970	1,775	11,274	8,075	4,842	10,319	13,367	1,550.2	176.1
Communications and Public Util	756	1,234	1,210	1,355	1,483	2,369	2,358	2,333	2,898	2,655	290.9	26.7
Retail Trade	4,703	7,261	6,931	8,828	8,971	14,798	15,648	14,357	18,173	20,035	326.0	39.5
Finance, Insurance, Real Estate	1,468	2,374	2,523	2,809	2,817	4,723	4,894	5,035	6,377	6,502	342.9	29.1
Business and Personal Services	964	1,966	1,725	1,798	2,587	3,011	3,282	4,217	5,091	3,791	293.3	-10.1
Professional Social Services	463	733	710	789	859	1,455	1,465	1,454	1,825	1,932	317.3	32.9
Households	7,164	11,320	10,972	12,172	13,224	22,346	22,514	22,373	27,991	29,680	314.3	32.7
Other ¹	<u>1,468</u>	<u>2,340</u>	<u>2,227</u>	<u>2,625</u>	<u>2,800</u>	<u>4,964</u>	<u>4,985</u>	<u>4,703</u>	<u>6,084</u>	<u>6,580</u>	348.2	39.9
TOTAL	17,796	29,062	27,171	31,346	34,516	64,940	63,221	59,314	78,758	84,842	376.7	43.0

¹Includes agriculture, mining, manufacturing, transportation, and government.