

ND Economic Development Foundation Strategic Plan Benchmark Update – July 29, 2009



	2002	2003	2004	2005	2006	2007	2008
GOAL 1: Develop a Unified Front for Economic Development Based on Collaboration and Accountability							
Share of local development organizations participating in Annual Marketing & Communications Survey							60%
							40%

Share of local development organizations participating in Commerce sponsored marketing, tourism, & community development activities							60%
							83%

GOAL 2: Strengthen Linkages Between the State's Higher Education System and Economic Development Organizations & Private Businesses

Academic R&D Expenditures as a percent of Gross State Product	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.6%
	0.5%	0.6%	0.7%	0.6%	0.6%	0.6%	
Industry R&D Expenditures as a percent of Gross State Product	0.2%	0.4%	0.5%	0.7%	0.9%	1.1%	1.3%
	0.8%	1.0%	1.7%	0.4%	0.5%	0.5%	

GOAL 3: Create Quality Jobs that Retain North Dakota's Current Workforce and Attract New Skilled Labor

Net Job Growth	1,800	1,400	1,700	2,700	4,300	8,400	9,000
	150	2,800	5,250	6,850	7,500	6,200	8,600
New Private Sector Businesses	174	77	105	162	257	509	543
	98	365	625	639	429	-324	395
Average Annual Wage	\$26,252	\$27,389	\$28,688	\$30,167	\$31,847	\$32,569	\$33,871
	\$26,550	\$27,629	\$28,987	\$29,955	\$31,316	\$33,086	\$35,075
Per Capita Personal Income	\$26,429	\$28,733	\$29,307	\$31,571	\$32,233	\$36,082	\$39,321
Net Migration	2,088	662	1,302	2,768	4,410	6,070	100
	-3,880	-2,032	1,916	-2,961	-1,372	-1,887	122
Population Change	-2,690	-832	3,507	-974	1,231	1,451	3,577

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	2002	2003	2004	2005	2006	2007	2008
GOAL 4: Create a Strong Marketing Image on the State's Numerous Strengths, Including Workforce, Education and Quality of Place							
Advertising Equivalency of National/ Out of State Media Exposures							\$3 M
							\$8.7 M

Number of Leads Generated by Commerce	140	160	175	190	205	208	60
		99		96		55	46

GOAL 5: Accelerate Job Growth in Sustainable, Diversified Industry Clusters to Provide Opportunities for the State's Economy

Net Job Growth in Manufacturing	300	200	200	300	600	250	275
	-350	-150	1,050	1,300	100	100	300
Net Job Growth in Business Services	400	200	300	500	900	1200	1400
	1,150	800	650	1,150	1,100	900	1,300
Net Job Growth in Leisure and Hospitality	450	100	800	450	400	1,300	600
Net Job Growth in Healthcare Services	650	950	550	700	900	900	1,100
New Private Sector Businesses in Manufacturing	5	3	3	5	10	12	12
	-9	10	26	18	11	-25	-6
New Private Sector Businesses in Business Services	19	9	14	24	42	85	94
	74	78	175	141	103	-21	171
Number of Utility Patents per 100,000	17.9	19.5	21.2	22.9	24.5	26	28
	11.4	8.6	8.3	11.5	10.3	12.8	9.8

GOAL 6: Strengthen ND's Business Climate to Increase Global Competitiveness

Gross Domestic Product by State (Annual Growth Rate)	2.3%	3.6%	3.5%	3.4%	3.3%	3.2%	3.1%
	7.3%	9.0%	4.9%	6.8%	4.6%	12.3%	9.4%
Merchandise Export Value (per capita - based on 2000 census = 642,200)	\$1,306	\$1,329	\$1,368	\$1,440	\$1,528	\$1,651	\$1,757
	\$1,340	\$1,327	\$1,578	\$1,856	\$2,366	\$3,187	\$4,317

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Footnotes

GOAL 1: Develop a Unified Front for Economic Development Based on Collaboration and Accountability

Share of local development organizations participating in Annual Marketing & Communications Survey

- Information is based upon the number of local development organizations that responded to the Department of Commerce's annual Marketing & Communications Survey.

Share of local development organizations participating in Commerce sponsored marketing, tourism, & community development activities

- Information is based upon the number of local development organizations that have participated in at least one Commerce sponsored activity. Examples of activities include Partners in Marketing and Experience North Dakota events.

GOAL 2: Strengthen Linkages Between the State's Higher Education System and Economic Development Organizations & Private Businesses

Academic R&D Expenditures as a percent of Gross State Product

- Source: National Science Foundation, Division of Science Resources Statistics. (<http://www.nsf.gov/statistics/rdexpenditures/>)

Year	2000	2001	2002	2003	2004	2005	2006	2007
Academic R&D (thousands)	\$67,406	\$84,574	\$106,078	\$133,615	\$151,710	\$149,994	\$160,095	\$169,468
Gross State Product (millions)	\$17,752	\$18,527	\$19,880	\$21,672	\$22,715	\$24,935	\$26,385	\$27,725
% of GSP	0.38%	0.46%	0.53%	0.62%	0.67%	0.60%	0.61%	0.61%

- ND ranked fourth for fiscal year 2007 in per capita Academic R&D Expenditures.

Industry Research & Development Expenditures as a percent of Gross State Product

- Source: National Science Foundation (<http://www.nsf.gov/statistics/industry/>)

Year	2000	2001*	2002	2003	2004	2005	2006	2007
Industry R&D (thousands)	\$ 83,000	\$ 347,000	\$ 154,000	\$ 216,000	\$ 379,000	\$ 104,000	\$ 120,000	\$126,000
Gross State Product (millions)	\$ 17,752	\$ 18,527	\$ 19,880	\$ 21,672	\$ 22,715	\$ 24,935	\$ 26,385	\$ 27,725
% of GSP	0.47%	1.87%	0.77%	1.00%	1.67%	0.42%	0.45%	0.45%

- Beginning in 2001, the sampling and estimation methodologies used to produce state estimates were modified to yield better accuracy and precision and to reduce erroneous fluctuations in year-to-year estimates due to small sample sizes of R&D performers by state. The new sampling methodology selects known R&D performers with a higher probability than nonperformers and selects with certainty the largest 50 companies in each state based on payroll thus providing more coverage of R&D performers.

GOAL 3: Create Quality Jobs that Retain North Dakota's Current Workforce and Attract New Skilled Labor

Net Job Growth

- Source: Job Service North Dakota, Labor Market Information Center – Current Employment Statistics (CES) Unit – NonFarm Wage & Salary Employment (<http://www.ndworkforceintelligence.com>)

Year	2002	2003	2004	2005	2006	2007	2008
Employment	329,800	332,600	337,850	344,700	352,200	358,400	367,000
Yearly Change	150	2,800	5,250	6,850	7,500	6,200	8,600

New Private Sector Businesses

- Source: Job Service North Dakota, Labor Market Information Center – Quarterly Census of Employment & Wages (QCEW) Unit (<http://www.ndworkforceintelligence.com>)
- Due to methodology changes instituted in 2005, worksite data are now reported as a unique count of worksites in business at any time during the calendar year, rather than a four-quarter annual average; this change in methodology conforms to the way quarterly data are collected, processed, and reported. These numbers reflect the methodology change applied to previous years.

Year	2002	2003	2004	2005	2006	2007	2008
Total Private Ownership	22,998	23,363	23,988	24,627	25,056	24,732	25,127
Yearly Change	98	365	625	639	429	-324	395

Average Annual Wage

- Source: Job Service North Dakota, Labor Market Information Center – Quarterly Census of Employment & Wages (QCEW) Unit (<http://www.ndworkforceintelligence.com>)
 - o Data includes private and government

Per Capita Personal Income

- Source: U.S. Bureau of Economic Analysis (<http://www.bea.gov/nea/regional/statelocal.htm>)
- This measure includes income for self-employed, agriculture and other businesses not required to submit unemployment reports, and thus not counted in Average Annual Wage.

Net Migration & Population Change

- Source: U.S. Census Population Estimates (<http://www.census.gov/popest/datasets.html>)

Components of Population Change in North Dakota

Year	Population Estimate (July)	Change from Prior Year	Births	Deaths	Natural Increase	International In-Population	Movement to other States	Net Migration
2002	633,521	-2,690	7,680	6,012	1,668	181	-4,061	-3,880
2003	632,689	-832	7,860	5,999	1,861	-647	-1,385	-2,032
2004	636,196	3,507	8,080	5,867	2,213	961	955	1,916
2005	635,222	-974	8,253	5,748	2,505	429	-3,390	-2,961
2006	636,453	1,231	8,628	5,725	2,903	715	-2,087	-1,372
2007	637,904	1,451	8,719	5,286	3,433	364	-2,251	-1,887
2008	641,481	3,577	9,014	5,349	3,665	503	-381	122

GOAL 4: Create a Strong Marketing Image on the State's Numerous Strengths, Including Workforce, Education and Quality of Place

Positive National/Out of State Media Exposure (favorable mentions)

- Advertising equivalency* from positive national stories:
 - o Marketing - \$ 3.1 million
 - o Tourism - \$ 5.6 million
 - o Total - \$ 8.7 million

*determined by multiplying the size of article by the advertising rate for the publication

Number of Leads Generated by the ND DOC

- Numbers represent the 1999-2001, 2001-2003 and 2003-2005 biennium totals. Plus 2005-2007 biennium-to-date as of December 31, 2006.
- Lead, in this case, is identified as a real project where either a Request for Proposal or site visit was made by a company representative.

	1999-2001	2001-2003	2003-2005	2005-2007	2008
Number of Leads Generated	40	99	96	55	46

GOAL 5: Accelerate Job Growth in Sustainable, Diversified Industry Clusters to Provide Opportunities for the State's Economy

Net Job Growth in Manufacturing

- Source: Job Service North Dakota, Labor Market Information Center, Current Employment Statistics (CES) Unit – NonFarm Wage & Salary Employment (<http://www.ndworkforceintelligence.com>)

Year	2002	2003	2004	2005	2006	2007	2008
Manufacturing Employment	23,700	23,550	24,600	25,900	26,000	26,100	26,400
Yearly Change	-350	-150	1,050	1,300	100	100	300

Net Job Growth in Business Services

- Source: Job Service North Dakota, Labor Market Information Center, Current Employment Statistics (CES) Unit – NonFarm Wage & Salary Employment (<http://www.ndworkforceintelligence.com>)
- Due to the conversion to the North American Industrial Classification System (NAICS), we made some educated inclusions of sectors formerly under the Business Services Standard Industrial Classification (SIC) that this originally measured.

Year	2002	2003	2004	2005	2006	2007	2008
Finance and Insurance	14,850	15,200	15,400	15,600	15,900	16,400	16,800
Professional & Technical Services	9,050	9,500	9,950	10,900	11,700	12,100	13,000
Total Business Services Employment	23,900	24,700	25,350	26,500	27,600	28,500	29,800
Yearly Change	1,150	800	650	1,150	1,100	900	1,300

Net Job Growth in Leisure and Hospitality

- Most tourism businesses are found in this sector.
- Source: Job Service North Dakota, Labor Market Information Center, Current Employment Statistics (CES) Unit – NonFarm Wage & Salary Employment (<http://www.ndworkforceintelligence.com>)

Year	2002	2003	2004	2005	2006	2007	2008
Leisure & Hospitality Employment	29,850	29,950	30,750	31,200	31,600	32,900	33,500
Yearly Change	450	100	800	450	400	1,300	600

Net Job Growth in Healthcare Services

- Source: Job Service North Dakota, Labor Market Information Center, Current Employment Statistics (CES) Unit – NonFarm Wage & Salary Employment (<http://www.ndworkforceintelligence.com>)

Year	2002	2003	2004	2005	2006	2007	2008
Healthcare and Social Assistance	43,600	44,550	45,100	45,800	46,700	47,600	48,700
Yearly Change	650	950	550	700	900	900	1,100

New Private Sector Businesses in Manufacturing

- Source: Job Service North Dakota, Labor Market Information Center, Quarterly Census of Employment & Wages (QCEW) Unit (<http://www.ndworkforceintelligence.com>)

Year	2002	2003	2004	2005	2006	2007	2008
Manufacturing	835	845	871	889	900	875	869
Yearly Change	-9	10	26	18	11	-25	-6

New Private Sector Businesses in Business Services

- Source: Job Service North Dakota, Labor Market Information Center, Quarterly Census of Employment & Wages (QCEW) Unit (<http://www.ndworkforceintelligence.com>)
- Due to the conversion to the North American Industrial Classification System (NAICS), we made some educated inclusions of sectors formerly under the Business Services Standard Industrial Classification (SIC) that this originally measured.

Year	2002	2003	2004	2005	2006	2007	2008
Finance and Insurance	1,656	1,688	1,792	1,806	1,816	1,786	1,855
Professional & Technical Services	1,780	1,826	1,897	2,024	2,117	2,126	2,228
Total Business Services	3,436	3,514	3,689	3,830	3,933	3,912	4,083
Yearly Change	74	78	175	141	103	-21	171

Number of Utility Patents per 100,000

- Source U.S. Patent and Trademark Office (<http://www.uspto.gov/web/offices/ac/ido/oeip/taf/reports.htm>)
- 6.42 was used for the per 100,000 conversion (642,000 – 2000 Census)

Year	2002	2003	2004	2005	2006	2007	2008
Utility Patents	73	55	53	74	66	82	63
Per 100,000	11.4	8.6	8.3	11.5	10.3	12.8	9.8

GOAL 6: Strengthen ND's Business Climate to Increase Global Competitiveness

Gross Domestic Product by State (Annual Growth Rate)

- The Bureau of Economic Analysis renamed Gross State Product (GSP) on October 26, 2006 to Gross Domestic Product (GDP) by state.

Year	ND GDP (Millions of current dollars)	Annual \$ Change (Millions)	Annual % Change
2002	\$ 19,880	\$ 1,353	7.3%
2003	\$ 21,672	\$ 1,792	9.0%
2004	\$ 22,739	\$ 1,067	4.9%
2005	\$ 24,283	\$ 1,544	6.8%
2006	\$ 25,394	\$ 1,111	4.6%
2007	\$ 28,518	\$ 3,124	12.3%
2008	\$ 31,208	\$ 2,690	9.4%

2008 North Dakota Industry Detail (latest available)	2008	% of total
Total Gross Domestic Product by State (millions of current dollars)	\$ 31,208	100%
Agriculture, forestry, fishing, and hunting	\$ 3,405	11%
Mining	\$ 1,259	4%
Utilities	\$ 842	3%
Construction	\$ 1,418	5%
Manufacturing	\$ 2,834	9%
Wholesale trade	\$ 2,162	7%
Retail trade	\$ 2,097	7%
Transportation and warehousing, excluding Postal Service	\$ 1,436	5%
Information	\$ 1,002	3%
Finance and insurance	\$ 1,669	5%
Real estate, rental, and leasing	\$ 2,521	8%
Professional and technical services	\$ 1,065	3%
Management of companies and enterprises	\$ 308	1%
Administrative and waste services	\$ 493	2%
Educational services	\$ 114	0%
Health care and social assistance	\$ 2,631	8%
Arts, entertainment, and recreation	\$ 147	0%
Accommodation and food services	\$ 757	2%
Other services, except government	\$ 659	2%
Government	\$ 4,391	14%

Source: Bureau of Economic Analysis, U.S. Department of Commerce (<http://www.bea.gov/beat/regional/gsp.htm>)

Merchandise Export Value (per capita)

U.S. Merchandise Exports by State

Year	ND Merchandise Exports	Annual Percent Change	2000 Census Population	Merchandise Export Value Per Capita
2002	\$ 860,282,000	6.72%	642,200	\$ 1,340
2003	\$ 852,470,000	-0.91%	642,200	\$ 1,327
2004	\$ 1,013,387,000	18.88%	642,200	\$ 1,578
2005	\$ 1,191,735,000	17.60%	642,200	\$ 1,856
2006	\$ 1,519,649,000	27.52%	642,200	\$ 2,366
2007	\$ 2,046,660,000	34.68%	642,200	\$ 3,187
2008	\$ 2,772,204,000	35.45%	642,200	\$ 4,317

Source: Office of Trade and Industry Information (OTII), Manufacturing and Services, International Trade Administration, U.S. Department of Commerce (<http://tse.export.gov/>)