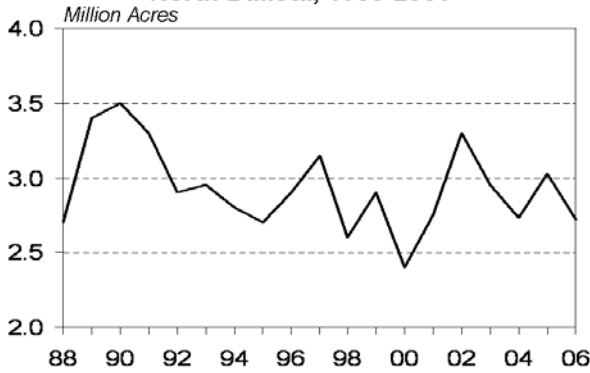
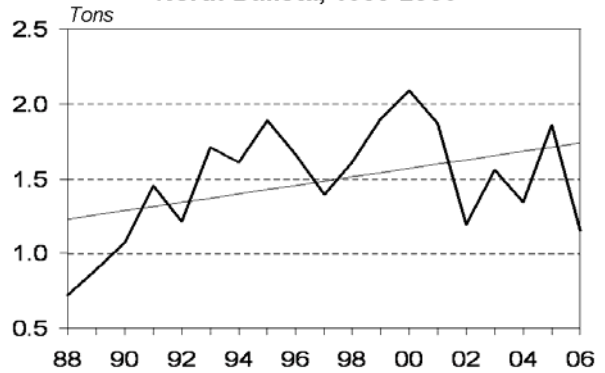


Hay

**Hay: Harvested Acres
North Dakota, 1988-2006**



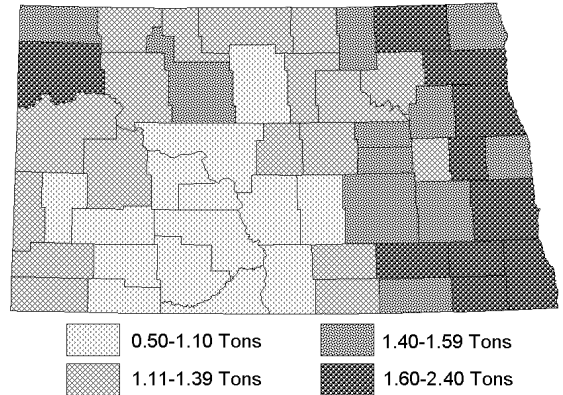
**Hay: Yield Per Acre
North Dakota, 1988-2006**



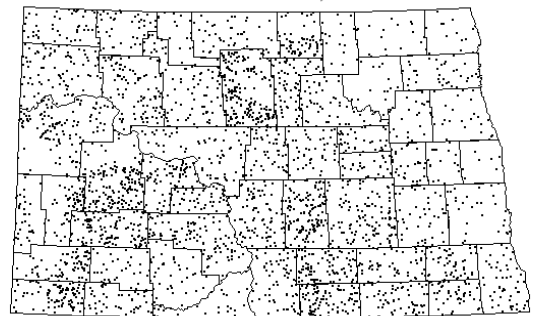
**Hay: Acreage, Yield, Production, Price and Value
North Dakota, 1997-2006**

Year	Area Harvested	Yield per Acre	Production	Marketing Year Avg Price ^{1,2}	Value of Production ³	Value per Harvested Acre
	1,000 Acres	Tons	1,000 Tons	\$/Ton	\$1,000	Dollars
Hay, All						
1997	3,150	1.39	4,375	60.00	246,750	78.33
1998	2,600	1.61	4,190	51.00	206,125	79.28
1999	2,900	1.90	5,511	39.00	203,471	70.16
2000	2,400	2.09	5,025	42.50	204,375	85.16
2001	2,750	1.87	5,143	45.50	231,297	84.11
2002	3,300	1.19	3,920	64.50	231,665	70.20
2003	2,950	1.56	4,598	52.50	233,398	79.12
2004	2,730	1.34	3,666	58.50	202,761	74.27
2005	3,030	1.86	5,646	52.00	270,648	89.32
2006	2,720	1.15	3,137	64.00	186,945	68.73
Hay, Alfalfa						
1997	1,750	1.50	2,625	65.00	170,625	97.50
1998	1,400	1.75	2,450	57.50	140,875	100.63
1999	1,450	2.15	3,118	43.00	134,074	92.46
2000	1,350	2.40	3,240	46.00	149,040	110.40
2001	1,600	2.10	3,360	50.00	168,000	105.00
2002	1,450	1.30	1,885	70.00	131,950	91.00
2003	1,600	1.65	2,640	58.00	153,120	95.70
2004	1,300	1.50	1,950	63.50	123,825	95.25
2005	1,650	2.00	3,300	55.00	181,500	110.00
2006	1,450	1.20	1,740	68.50	119,190	82.20
Hay, Other						
1997	1,400	1.25	1,750	43.50	76,125	54.38
1998	1,200	1.45	1,740	37.50	65,250	54.38
1999	1,450	1.65	2,393	29.00	69,397	47.86
2000	1,050	1.70	1,785	31.00	55,335	52.70
2001	1,150	1.55	1,783	35.50	63,297	55.04
2002	1,850	1.10	2,035	49.00	99,715	53.90
2003	1,350	1.45	1,958	41.00	80,278	59.47
2004	1,430	1.20	1,716	46.00	78,936	55.20
2005	1,380	1.70	2,346	38.00	89,148	64.60
2006	1,270	1.10	1,397	48.50	67,755	53.35

**All Hay: Yield Per Acre
North Dakota, 2006**



**All Hay: Production
North Dakota, 2006**



1 Dot = 1,000 Tons
Dots randomly placed within county.

¹ Preliminary 2006 marketing year average (MYA) price. Final 2006 MYA price will be published in August 2007. ² Estimated marketings of alfalfa and other hay used as weights to calculate all hay price. ³ Alfalfa and other hay values are computed by multiplying price by production. All hay value is sum of alfalfa and other hay values.

All Hay Stocks: North Dakota, 1998-2007

Year	On Farm		Year	On Farm	
	May 1	December 1		May 1	December 1
	1,000 Tons	1,000 Tons		1,000 Tons	1,000 Tons
1998	744	4,064	2003	940	4,690
1999	545	5,291	2004	828	3,923
2000	1,430	5,026	2005	917	5,580
2001	1,100	5,092	2006	1,806	4,375
2002	1,065	4,300	2007	609	

**New Seedings of Alfalfa: Area Seeded
North Dakota, 1997-2006**

Year	Acres	Year	Acres
	1,000		1,000
1997	115	2002	110
1998	140	2003	105
1999	140	2004	85
2000	100	2005	105
2001	130	2006	110

**Hay: Area Harvested, Yield and Production
By Type, North Dakota by County, 2006¹**

District and County	Alfalfa Hay			Other Hay			All Hay		
	Area Harvested	Yield per Acre	Production	Area Harvested	Yield per Acre	Production	Area Harvested	Yield per Acre	Production
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>
Burke	19,000	1.37	26,000	10,000	1.30	13,000	29,000	1.34	39,000
Divide	19,000	1.37	26,000	14,000	1.50	21,000	33,000	1.42	47,000
Mountrail	36,000	1.14	41,000	34,000	1.62	55,000	70,000	1.37	96,000
Renville	8,000	1.25	10,000	6,000	1.17	7,000	14,000	1.21	17,000
Ward	27,000	1.56	42,000	29,000	1.28	37,000	56,000	1.41	79,000
Williams	31,000	1.94	60,000	17,000	1.29	22,000	48,000	1.71	82,000
Combined Counties									
Northwest	140,000	1.46	205,000	110,000	1.41	155,000	250,000	1.44	360,000
Benson	15,000	1.13	17,000	22,000	1.27	28,000	37,000	1.22	45,000
Bottineau	23,000	1.22	28,000	18,000	1.11	20,000	41,000	1.17	48,000
McHenry	58,000	1.21	70,000	120,000	1.03	124,000	178,000	1.09	194,000
Pierce	20,000	1.65	33,000	30,000	1.10	33,000	50,000	1.32	66,000
Rolette	29,000	1.28	37,000	20,000	1.25	25,000	49,000	1.27	62,000
Combined Counties									
North Central	145,000	1.28	185,000	210,000	1.10	230,000	355,000	1.17	415,000
Cavalier	4,000	2.00	8,000	6,000	1.50	9,000	10,000	1.70	17,000
Grand Forks	8,000	1.88	15,000	6,000	1.50	9,000	14,000	1.71	24,000
Nelson	8,000	1.63	13,000	9,000	1.22	11,000	17,000	1.41	24,000
Pembina	4,000	2.00	8,000	5,500	1.09	6,000	9,500	1.47	14,000
Ramsey	4,000	1.00	4,000	6,500	1.54	10,000	10,500	1.33	14,000
Towner	7,000	1.43	10,000	5,000	1.40	7,000	12,000	1.42	17,000
Walsh	10,000	2.20	22,000	12,000	1.17	14,000	22,000	1.64	36,000
Combined Counties									
Northeast	45,000	1.78	80,000	50,000	1.32	66,000	95,000	1.54	146,000
Dunn	87,000	1.20	104,000	50,000	1.18	59,000	137,000	1.19	163,000
McKenzie	51,000	1.37	70,000	36,000	1.22	44,000	87,000	1.31	114,000
McLean	30,000	1.03	31,000	32,000	1.13	36,000	62,000	1.08	67,000
Mercer	37,000	1.08	40,000	33,000	1.06	35,000	70,000	1.07	75,000
Oliver	25,000	1.00	25,000	19,000	1.11	21,000	44,000	1.05	46,000
Combined Counties									
West Central	230,000	1.17	270,000	170,000	1.15	195,000	400,000	1.16	465,000
Eddy	13,000	1.46	19,000	12,000	1.33	16,000	25,000	1.40	35,000
Foster	8,000	1.63	13,000	10,000	1.40	14,000	18,000	1.50	27,000
Kidder	88,000	0.86	76,000	57,000	1.05	60,000	145,000	0.94	136,000
Sheridan	22,000	1.18	26,000	19,000	1.11	21,000	41,000	1.15	47,000
Stutsman	46,000	1.70	78,000	35,000	1.29	45,000	81,000	1.52	123,000
Wells	13,000	1.38	18,000	22,000	1.32	29,000	35,000	1.34	47,000
Combined Counties									
Central	190,000	1.21	230,000	155,000	1.19	185,000	345,000	1.20	415,000
Barnes	11,000	1.91	21,000	16,000	1.38	22,000	27,000	1.59	43,000
Cass	8,000	2.75	22,000	5,000	1.40	7,000	13,000	2.23	29,000
Griggs	14,000	1.43	20,000	9,000	1.11	10,000	23,000	1.30	30,000
Steele	4,500	2.89	13,000	3,000	1.33	4,000	7,500	2.27	17,000
Traill	2,500	1.60	4,000	2,000	1.50	3,000	4,500	1.56	7,000
Combined Counties									
East Central	40,000	2.00	80,000	35,000	1.31	46,000	75,000	1.68	126,000
Adams	39,000	0.67	26,000	26,000	0.85	22,000	65,000	0.74	48,000
Billings	37,000	1.03	38,000	23,000	1.00	23,000	60,000	1.02	61,000
Bowman	43,000	1.19	51,000	39,000	1.05	41,000	82,000	1.12	92,000
Golden Valley	17,000	1.24	21,000	12,000	1.08	13,000	29,000	1.17	34,000
Hettinger	24,000	0.75	18,000	17,000	0.82	14,000	41,000	0.78	32,000
Slope	28,000	1.29	36,000	32,000	1.00	32,000	60,000	1.13	68,000
Stark	72,000	0.97	70,000	41,000	1.10	45,000	113,000	1.02	115,000
Combined Counties									
Southwest	260,000	1.00	260,000	190,000	1.00	190,000	450,000	1.00	450,000
Burleigh	81,000	0.63	51,000	51,000	0.73	37,000	132,000	0.67	88,000
Emmons	36,000	0.86	31,000	40,000	0.78	31,000	76,000	0.82	62,000
Grant	43,000	0.53	23,000	36,000	0.47	17,000	79,000	0.51	40,000
Morton	75,000	0.79	59,000	71,000	0.66	47,000	146,000	0.73	106,000
Sioux	20,000	0.80	16,000	12,000	0.67	8,000	32,000	0.75	24,000
Combined Counties									
South Central	255,000	0.71	180,000	210,000	0.67	140,000	465,000	0.69	320,000
Dickey	24,000	1.63	39,000	15,000	1.47	22,000	39,000	1.56	61,000
LaMoure	15,000	1.80	27,000	15,000	1.60	24,000	30,000	1.70	51,000
Logan	36,000	1.11	40,000	39,000	1.21	47,000	75,000	1.16	87,000
McIntosh	35,000	1.37	48,000	35,000	1.23	43,000	70,000	1.30	91,000
Ransom	15,000	2.40	36,000	11,000	1.36	15,000	26,000	1.96	51,000
Richland	11,000	3.09	34,000	15,000	1.33	20,000	26,000	2.08	54,000
Sargent	9,000	2.89	26,000	10,000	1.90	19,000	19,000	2.37	45,000
Combined Counties									
Southeast	145,000	1.72	250,000	140,000	1.36	190,000	285,000	1.54	440,000
Combined Districts									
State Total	1,450,000	1.20	1,740,000	1,270,000	1.10	1,397,000	2,720,000	1.15	3,137,000

¹ Data published in combined counties or districts to avoid disclosure of individual operations.

**Hay: Area Harvested, Yield and Production
By Type, North Dakota by County, 2005¹**

District and County	Alfalfa Hay			Other Hay			All Hay		
	Area Harvested	Yield per Acre	Production	Area Harvested	Yield per Acre	Production	Area Harvested	Yield per Acre	Production
	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>
Burke	14,000	1.43	20,000	15,000	1.73	26,000	29,000	1.59	46,000
Divide	15,000	1.53	23,000	16,000	1.75	28,000	31,000	1.65	51,000
Mountrail	37,000	1.95	72,000	31,000	1.55	48,000	68,000	1.76	120,000
Renville	8,000	1.88	15,000	7,000	1.29	9,000	15,000	1.60	24,000
Ward	24,000	2.54	61,000	32,000	1.59	51,000	56,000	2.00	112,000
Williams	38,000	1.68	64,000	19,000	1.74	33,000	57,000	1.70	97,000
Combined Counties									
Northwest	136,000	1.88	255,000	120,000	1.63	195,000	256,000	1.76	450,000
Benson	13,000	1.77	23,000	20,000	1.90	38,000	33,000	1.85	61,000
Bottineau	19,000	1.95	37,000	20,000	1.40	28,000	39,000	1.67	65,000
McHenry	50,000	1.80	90,000	120,000	1.41	169,000	170,000	1.52	259,000
Pierce	13,000	2.46	32,000	30,000	1.63	49,000	43,000	1.88	81,000
Rolette	20,000	2.40	48,000	20,000	1.55	31,000	40,000	1.98	79,000
Combined Counties									
North Central	115,000	2.00	230,000	210,000	1.50	315,000	325,000	1.68	545,000
Cavalier	4,000	2.00	8,000	6,000	1.83	11,000	10,000	1.90	19,000
Grand Forks	6,000	2.17	13,000	7,000	2.00	14,000	13,000	2.08	27,000
Nelson	6,500	3.08	20,000	9,000	1.67	15,000	15,500	2.26	35,000
Pembina	6,000	2.17	13,000	5,500	1.64	9,000	11,500	1.91	22,000
Ramsey	5,000	2.80	14,000	7,000	1.86	13,000	12,000	2.25	27,000
Towner	5,000	1.80	9,000	9,000	1.33	12,000	14,000	1.50	21,000
Walsh	6,500	2.00	13,000	21,500	1.49	32,000	28,000	1.61	45,000
Combined Counties									
Northeast	39,000	2.31	90,000	65,000	1.63	106,000	104,000	1.88	196,000
Dunn	110,000	2.06	227,000	59,000	1.97	116,000	169,000	2.03	343,000
McKenzie	53,000	1.70	90,000	59,000	1.81	107,000	112,000	1.76	197,000
McLean	30,000	1.70	51,000	29,000	1.72	50,000	59,000	1.71	101,000
Mercer	59,000	1.85	109,000	28,000	2.25	63,000	87,000	1.98	172,000
Oliver	38,000	2.05	78,000	15,000	1.60	24,000	53,000	1.92	102,000
Combined Counties									
West Central	290,000	1.91	555,000	190,000	1.89	360,000	480,000	1.91	915,000
Eddy	16,000	2.06	33,000	13,000	1.54	20,000	29,000	1.83	53,000
Foster	7,000	2.43	17,000	7,000	1.29	9,000	14,000	1.86	26,000
Kidder	103,000	1.70	175,000	44,000	1.73	76,000	147,000	1.71	251,000
Sheridan	17,000	1.82	31,000	20,000	1.50	30,000	37,000	1.65	61,000
Stutsman	45,000	2.44	110,000	34,000	1.44	49,000	79,000	2.01	159,000
Wells	12,000	2.83	34,000	17,000	1.53	26,000	29,000	2.07	60,000
Combined Counties									
Central	200,000	2.00	400,000	135,000	1.56	210,000	335,000	1.82	610,000
Barnes	11,000	2.36	26,000	15,000	1.13	17,000	26,000	1.65	43,000
Cass	13,000	3.69	48,000	6,000	1.17	7,000	19,000	2.89	55,000
Griggs	13,000	2.69	35,000	13,000	1.69	22,000	26,000	2.19	57,000
Steele	4,500	2.44	11,000	4,000	1.50	6,000	8,500	2.00	17,000
Traill	3,500	2.86	10,000	2,000	1.50	3,000	5,500	2.36	13,000
Combined Counties									
East Central	45,000	2.89	130,000	40,000	1.38	55,000	85,000	2.18	185,000
Adams	47,000	1.53	72,000	41,000	1.17	48,000	88,000	1.36	120,000
Billings	65,000	1.91	124,000	27,000	1.93	52,000	92,000	1.91	176,000
Bowman	48,000	1.40	67,000	56,000	1.63	91,000	104,000	1.52	158,000
Golden Valley	25,000	1.80	45,000	21,000	1.90	40,000	46,000	1.85	85,000
Hettinger	30,000	1.83	55,000	25,000	1.28	32,000	55,000	1.58	87,000
Slope	33,000	1.85	61,000	27,000	1.93	52,000	60,000	1.88	113,000
Stark	72,000	2.24	161,000	48,000	2.29	110,000	120,000	2.26	271,000
Combined Counties									
Southwest	320,000	1.83	585,000	245,000	1.73	425,000	565,000	1.79	1,010,000
Burleigh	90,000	1.78	160,000	42,000	1.64	69,000	132,000	1.73	229,000
Emmons	53,000	2.28	121,000	45,000	1.69	76,000	98,000	2.01	197,000
Grant	62,000	1.74	108,000	55,000	1.87	103,000	117,000	1.80	211,000
Morton	105,000	1.71	180,000	84,000	1.86	156,000	189,000	1.78	336,000
Sioux	50,000	1.52	76,000	34,000	2.09	71,000	84,000	1.75	147,000
Combined Counties									
South Central	360,000	1.79	645,000	260,000	1.83	475,000	620,000	1.81	1,120,000
Dickey	26,000	2.81	73,000	12,000	1.92	23,000	38,000	2.53	96,000
LaMoure	15,000	3.73	56,000	12,000	1.67	20,000	27,000	2.81	76,000
Logan	37,000	1.97	73,000	28,000	1.50	42,000	65,000	1.77	115,000
McIntosh	36,000	2.67	96,000	39,000	2.21	86,000	75,000	2.43	182,000
Ransom	13,000	3.92	51,000	7,000	1.71	12,000	20,000	3.15	63,000
Richland	10,000	3.60	36,000	11,000	1.09	12,000	21,000	2.29	48,000
Sargent	8,000	3.13	25,000	6,000	1.67	10,000	14,000	2.50	35,000
Combined Counties									
Southeast	145,000	2.83	410,000	115,000	1.78	205,000	260,000	2.37	615,000
Combined Districts									
State Total	1,650,000	2.00	3,300,000	1,380,000	1.70	2,346,000	3,030,000	1.86	5,646,000

¹ Data published in combined counties or districts to avoid disclosure of individual operations.