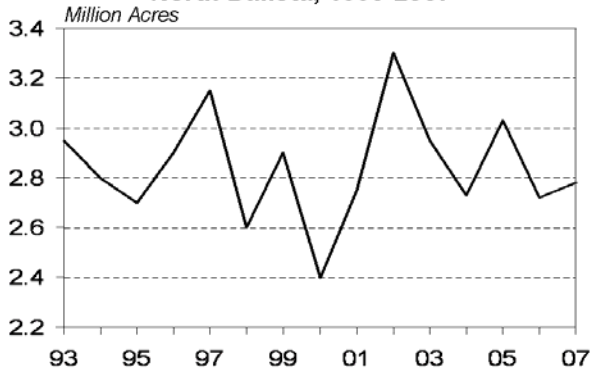
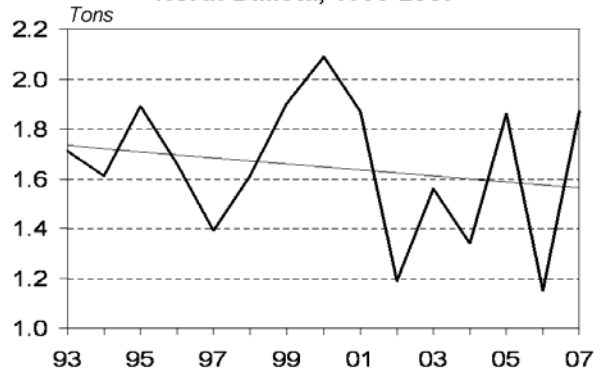


# Hay

**Hay: Harvested Acres  
North Dakota, 1993-2007**



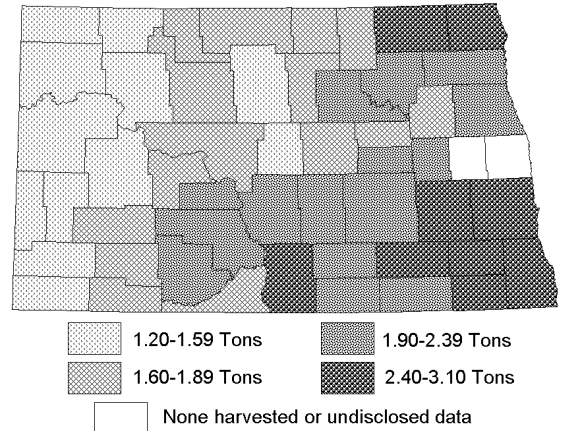
**Hay: Yield Per Acre  
North Dakota, 1993-2007**



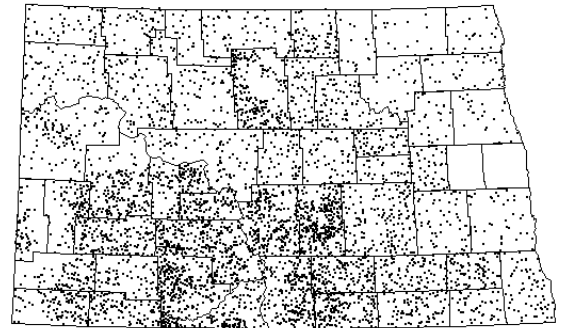
**Hay: Acreage, Yield, Production, Price and Value  
North Dakota, 1998-2007**

Year	Area Harvested	Yield per Acre	Production	Marketing Year Avg Price <sup>1,2</sup>	Value of Production <sup>3</sup>	Value per Harvested Acre
	1,000 Acres	Tons	1,000 Tons	\$/Ton	\$1,000	Dollars
<b>Hay, All</b>						
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	188,513	69.31
2007	2,780	1.87	5,191	55.50	275,533	99.11
<b>Hay, Alfalfa</b>						
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	69.00	120,060	82.80
2007	1,650	2.05	3,383	59.00	199,597	120.97
<b>Hay, Other</b>						
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	49.00	68,453	53.90
2007	1,130	1.60	1,808	42.00	75,936	67.20

**All Hay: Yield Per Acre  
North Dakota, 2007**



**All Hay: Production  
North Dakota, 2007**



**1 Dot = 1,000 Tons**  
Dots randomly placed within county.  
Blank counties represent none harvested or undisclosed data.

<sup>1</sup> Preliminary 2007 marketing year average (MYA) price. Final 2007 MYA price will be published in August 2008. <sup>2</sup> Estimated marketings of alfalfa and other hay used as weights to calculate all hay price. <sup>3</sup> 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, 1999-2008**

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
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	4,990
2003	940	4,690	2008	1,260	

**New Seedings of Alfalfa: Area Seeded  
North Dakota, 1998-2007**

Year	Acres	Year	Acres
	1,000		1,000
1998	140	2003	105
1999	140	2004	85
2000	100	2005	105
2001	130	2006	110
2002	110	2007	110

**Hay: Area Harvested, Yield and Production  
By Type, North Dakota by County, 2007<sup>1</sup>**

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	22,000	1.45	32,000	13,000	1.54	20,000	35,000	1.49	52,000
Divide	18,000	1.50	27,000	16,000	1.25	20,000	34,000	1.38	47,000
Mountrail	31,000	1.45	45,000	33,000	1.39	46,000	64,000	1.42	91,000
Renville	7,000	1.86	13,000	8,000	1.38	11,000	15,000	1.60	24,000
Ward	23,000	1.70	39,000	26,000	1.69	44,000	49,000	1.69	83,000
Williams	34,000	1.59	54,000	14,000	1.36	19,000	48,000	1.52	73,000
Combined Counties									
<b>Northwest</b>	135,000	1.56	210,000	110,000	1.45	160,000	245,000	1.51	370,000
Benson	17,000	2.35	40,000	25,000	1.72	43,000	42,000	1.98	83,000
Bottineau	19,000	1.84	35,000	18,000	1.39	25,000	37,000	1.62	60,000
McHenry	61,000	1.69	103,000	102,000	1.20	122,000	163,000	1.38	225,000
Pierce	17,000	2.00	34,000	24,000	1.67	40,000	41,000	1.80	74,000
Rolette	26,000	1.85	48,000	16,000	1.56	25,000	42,000	1.74	73,000
Combined Counties									
<b>North Central</b>	140,000	1.86	260,000	185,000	1.38	255,000	325,000	1.58	515,000
Cavalier	4,000	3.13	12,500	3,000	2.00	6,000	7,000	2.64	18,500
Grand Forks	7,000	2.71	19,000	4,000	1.50	6,000	11,000	2.27	25,000
Nelson	10,000	2.00	20,000	7,000	1.29	9,000	17,000	1.71	29,000
Pembina	5,000	3.20	16,000	5,000	1.60	8,000	10,000	2.40	24,000
Ramsey	4,000	2.63	10,500	9,000	1.67	15,000	13,000	1.96	25,500
Towner	4,000	2.25	9,000	5,000	1.60	8,000	9,000	1.89	17,000
Walsh	6,000	2.67	16,000	12,000	1.58	19,000	18,000	1.94	35,000
Combined Counties									
<b>Northeast</b>	40,000	2.58	103,000	45,000	1.58	71,000	85,000	2.05	174,000
Dunn	92,000	1.58	145,000	42,000	1.36	57,000	134,000	1.51	202,000
McKenzie	48,000	1.31	63,000	38,000	1.26	48,000	86,000	1.29	111,000
McLean	25,000	1.88	47,000	26,000	1.58	41,000	51,000	1.73	88,000
Mercer	47,000	1.91	90,000	24,000	1.67	40,000	71,000	1.83	130,000
Oliver	33,000	2.27	75,000	15,000	1.67	25,000	48,000	2.08	100,000
Combined Counties									
<b>West Central</b>	245,000	1.71	420,000	145,000	1.46	211,000	390,000	1.62	631,000
Eddy	20,000	2.05	41,000	15,000	1.47	22,000	35,000	1.80	63,000
Foster	9,000	2.78	25,000	5,000	1.50	7,500	14,000	2.32	32,500
Kidder	101,000	2.42	244,000	47,000	1.70	80,000	148,000	2.19	324,000
Sheridan	16,000	1.75	28,000	23,000	1.48	34,000	39,000	1.59	62,000
Stutsman	48,000	2.48	119,000	25,000	1.92	48,000	73,000	2.29	167,000
Wells	11,000	2.55	28,000	20,000	1.43	28,500	31,000	1.82	56,500
Combined Counties									
<b>Central</b>	205,000	2.37	485,000	135,000	1.63	220,000	340,000	2.07	705,000
Barnes	12,000	3.25	39,000	9,500	1.58	15,000	21,500	2.51	54,000
Cass	10,000	3.10	31,000	6,000	2.00	12,000	16,000	2.69	43,000
Griggs	12,000	2.42	29,000	11,000	1.55	17,000	23,000	2.00	46,000
Steele	4,000	3.75	15,000						
Traill	2,000	3.00	6,000						
Combined Counties				3,500	2.00	7,000	9,500	2.95	28,000
<b>East Central</b>	40,000	3.00	120,000	30,000	1.70	51,000	70,000	2.44	171,000
Adams	44,000	1.45	64,000	24,000	1.92	46,000	68,000	1.62	110,000
Billings	47,000	1.32	62,000	20,000	1.85	37,000	67,000	1.48	99,000
Bowman	52,000	1.44	75,000	27,000	1.30	35,000	79,000	1.39	110,000
Golden Valley	22,000	1.64	36,000	17,000	1.29	22,000	39,000	1.49	58,000
Hettinger	27,000	1.89	51,000	14,000	1.57	22,000	41,000	1.78	73,000
Slope	37,000	1.41	52,000	21,000	1.43	30,000	58,000	1.41	82,000
Stark	66,000	1.59	105,000	32,000	1.97	63,000	98,000	1.71	168,000
Combined Counties									
<b>Southwest</b>	295,000	1.51	445,000	155,000	1.65	255,000	450,000	1.56	700,000
Burleigh	81,000	2.37	192,000	43,000	1.77	76,000	124,000	2.16	268,000
Emmons	54,000	2.96	160,000	31,000	1.90	59,000	85,000	2.58	219,000
Grant	95,000	2.04	194,000	48,000	1.90	91,000	143,000	1.99	285,000
Morton	91,000	2.04	186,000	54,000	1.98	107,000	145,000	2.02	293,000
Sioux	54,000	1.91	103,000	34,000	1.68	57,000	88,000	1.82	160,000
Combined Counties									
<b>South Central</b>	375,000	2.23	835,000	210,000	1.86	390,000	585,000	2.09	1,225,000
Dickey	26,000	2.69	70,000	12,000	1.58	19,000	38,000	2.34	89,000
LaMoure	17,000	3.82	65,000	18,000	1.78	32,000	35,000	2.77	97,000
Logan	48,000	2.31	111,000	26,000	1.54	40,000	74,000	2.04	151,000
McIntosh	45,000	2.60	117,000	23,000	1.74	40,000	68,000	2.31	157,000
Ransom	20,000	3.75	75,000	11,000	1.91	21,000	31,000	3.10	96,000
Richland	10,000	3.80	38,000	17,000	1.71	29,000	27,000	2.48	67,000
Sargent	9,000	3.22	29,000	8,000	1.75	14,000	17,000	2.53	43,000
Combined Counties									
<b>Southeast</b>	175,000	2.89	505,000	115,000	1.70	195,000	290,000	2.41	700,000
<b>Combined Districts</b>									
<b>State Total</b>	1,650,000	2.05	3,383,000	1,130,000	1.60	1,808,000	2,780,000	1.87	5,191,000

<sup>1</sup> 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, 2006<sup>1</sup>**

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									
<b>Northwest</b>	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									
<b>North Central</b>	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									
<b>Northeast</b>	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									
<b>West Central</b>	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									
<b>Central</b>	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									
<b>East Central</b>	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									
<b>Southwest</b>	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									
<b>South Central</b>	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									
<b>Southeast</b>	145,000	1.72	250,000	140,000	1.36	190,000	285,000	1.54	440,000
<b>Combined Districts</b>									
<b>State Total</b>	1,450,000	1.20	1,740,000	1,270,000	1.10	1,397,000	2,720,000	1.15	3,137,000

<sup>1</sup> Data published in combined counties or districts to avoid disclosure of individual operations.