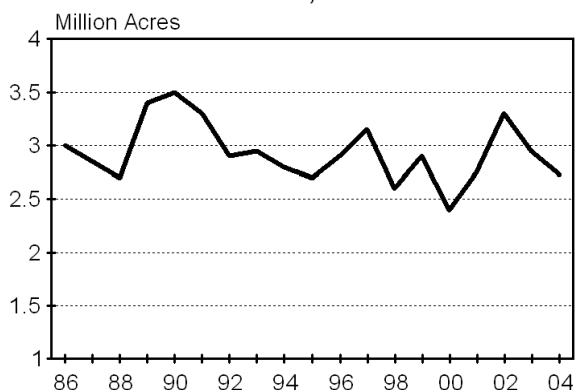


Hay

**All Hay: Harvested Acres
North Dakota, 1986-2004**



**All Hay: Yield Per Acre
North Dakota, 1986-2004**

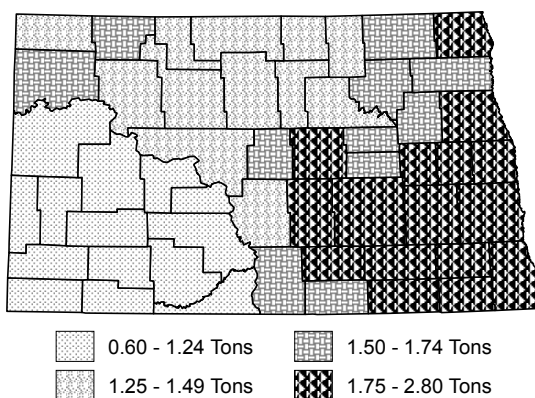


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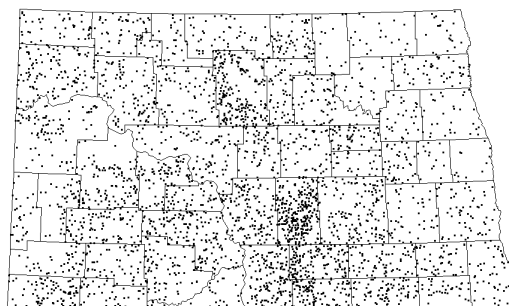
Hay: North Dakota, 1995-2004

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	\$
Hay, All						
1995	2,700	1.89	5,095	43.00	209,240	77.50
1996	2,900	1.66	4,825	52.00	240,068	82.78
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	1.43	3,666	58.50	202,761	74.27
Hay, Alfalfa						
1995	1,400	2.20	3,080	47.00	144,760	103.40
1996	1,700	1.85	3,145	55.50	174,548	102.68
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
Hay, Other						
1995	1,300	1.55	2,015	32.00	64,480	49.60
1996	1,200	1.40	1,680	39.00	65,520	54.60
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

**All Hay: Yield Per Acre
North Dakota, 2004**



**All Hay: Production
North Dakota, 2004**



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

1/ Preliminary 2004 marketing year average (MYA) price. Final 2004 MYA price will be published in August 2005. 2/ Estimated marketings of alfalfa and other hay used as weights to calculate all hay price. 3/ Alfalfa and other hay value is computed by multiplying price by production. All hay value is sum of alfalfa and other hay values.

All Hay Stocks: North Dakota, 1996-2005

Year	On Farm		Year	On Farm	
	May 1	Dec 1		May 1	Dec 1
---- 1,000 Tons ----					
1996	1,019	4,777	2001	1,100	5,092
1997	675	4,069	2002	1,065	4,300
1998	744	4,064	2003	940	4,690
1999	545	5,291	2004	828	3,923
2000	1,430	5,026	2005	917	

**New Seedings of Alfalfa: Area Seeded
North Dakota, 1997-2004**

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

Hay: Acreage and Production, North Dakota, 2004 ^{1/}

HAY

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Area Harvested	Yield Per Acre	Production	Area Harvested	Yield Per Acre	Production	Area Harvested	Yield Per Acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Burke	14,000	1.79	25,000	17,000	1.53	26,000	31,000	1.65	51,000
Divide	17,000	1.53	26,000	15,000	1.40	21,000	32,000	1.47	47,000
Mountrail	39,000	1.31	51,000	36,000	1.25	45,000	75,000	1.28	96,000
Renville	8,000	1.50	12,000	10,000	1.20	12,000	18,000	1.33	24,000
Ward	25,000	1.48	37,000	34,000	1.32	45,000	59,000	1.39	82,000
Williams	37,000	1.86	69,000	28,000	1.36	38,000	65,000	1.65	107,000
Combined Counties Northwest	140,000	1.57	220,000	140,000	1.34	187,000	280,000	1.45	407,000
Benson	10,000	1.70	17,000	30,000	1.20	36,000	40,000	1.33	53,000
Bottineau	15,000	1.67	25,000	21,000	1.19	25,000	36,000	1.39	50,000
McHenry	50,000	1.56	78,000	109,000	1.22	133,000	159,000	1.33	211,000
Pierce	14,000	2.14	30,000	28,000	1.11	31,000	42,000	1.45	61,000
Rolette	16,000	1.88	30,000	27,000	1.11	30,000	43,000	1.40	60,000
Combined Counties North Central	105,000	1.71	180,000	215,000	1.19	255,000	320,000	1.36	435,000
Cavalier	4,000	2.25	9,000	8,000	1.25	10,000	12,000	1.58	19,000
Grand Forks	6,000	2.50	15,000	10,000	1.40	14,000	16,000	1.81	29,000
Nelson	7,000	2.29	16,000	12,000	1.17	14,000	19,000	1.58	30,000
Pembina	6,000	2.50	15,000	5,000	1.20	6,000	11,000	1.91	21,000
Ramsey	5,000	2.00	10,000	10,000	1.30	13,000	15,000	1.53	23,000
Towner	5,000	1.40	7,000	8,000	1.25	10,000	13,000	1.31	17,000
Walsh	7,000	2.57	18,000	22,000	1.45	32,000	29,000	1.72	50,000
Combined Counties Northeast	40,000	2.25	90,000	75,000	1.32	99,000	115,000	1.64	189,000
Dunn	80,000	0.73	58,000	57,000	0.84	48,000	137,000	0.77	106,000
McKenzie	39,000	0.82	32,000	54,000	1.02	55,000	93,000	0.94	87,000
McLean	23,000	1.52	35,000	32,000	1.47	47,000	55,000	1.49	82,000
Mercer	37,000	0.89	33,000	38,000	1.16	44,000	75,000	1.03	77,000
Oliver	26,000	1.04	27,000	14,000	1.14	16,000	40,000	1.08	43,000
Combined Counties West Central	205,000	0.90	185,000	195,000	1.08	210,000	400,000	0.99	395,000
Eddy	17,000	1.76	30,000	16,000	1.69	27,000	33,000	1.73	57,000
Foster	7,000	1.86	13,000	9,000	1.33	12,000	16,000	1.56	25,000
Kidder	94,000	2.18	205,000	44,000	1.66	73,000	138,000	2.01	278,000
Sheridan	16,000	1.94	31,000	21,000	1.29	27,000	37,000	1.57	58,000
Stutsman	43,000	2.28	98,000	31,000	1.52	47,000	74,000	1.96	145,000
Wells	13,000	2.15	28,000	14,000	1.71	24,000	27,000	1.93	52,000
Combined Counties Central	190,000	2.13	405,000	135,000	1.56	210,000	325,000	1.89	615,000
Barnes	12,000	2.25	27,000	10,000	1.60	16,000	22,000	1.95	43,000
Cass	14,000	3.36	47,000	7,000	1.57	11,000	21,000	2.76	58,000
Griggs	12,000	2.33	28,000	7,000	1.57	11,000	19,000	2.05	39,000
Steele	4,000	2.25	9,000	4,000	1.50	6,000	8,000	1.88	15,000
Traill	3,000	3.00	9,000	2,000	1.50	3,000	5,000	2.40	12,000
Combined Counties East Central	45,000	2.67	120,000	30,000	1.57	47,000	75,000	2.23	167,000
Adams	26,000	0.81	21,000	34,000	0.71	24,000	60,000	0.75	45,000
Billings	34,000	0.47	16,000	30,000	0.83	25,000	64,000	0.64	41,000
Bowman	29,000	0.79	23,000	55,000	1.13	62,000	84,000	1.01	85,000
Golden Valley	10,000	0.70	7,000	25,000	0.76	19,000	35,000	0.74	26,000
Hettinger	20,000	0.90	18,000	28,000	1.18	33,000	48,000	1.06	51,000
Slope	22,000	0.50	11,000	34,000	0.82	28,000	56,000	0.70	39,000
Stark	49,000	0.80	39,000	39,000	1.13	44,000	88,000	0.94	83,000
Combined Counties Southwest	190,000	0.71	135,000	245,000	0.96	235,000	435,000	0.85	370,000
Burleigh	58,000	1.59	92,000	34,000	1.32	45,000	92,000	1.49	137,000
Emmons	52,000	1.48	77,000	42,000	1.64	69,000	94,000	1.55	146,000
Grant	41,000	0.56	23,000	64,000	0.78	50,000	105,000	0.70	73,000
Morton	57,000	0.74	42,000	87,000	1.22	106,000	144,000	1.03	148,000
Sioux	27,000	0.59	16,000	38,000	0.66	25,000	65,000	0.63	41,000
Combined Counties South Central	235,000	1.06	250,000	265,000	1.11	295,000	500,000	1.09	545,000
Dickey	25,000	2.56	64,000	14,000	1.36	19,000	39,000	2.13	83,000
LaMoure	17,000	2.88	49,000	14,000	1.43	20,000	31,000	2.23	69,000
Logan	40,000	2.20	88,000	34,000	1.41	48,000	74,000	1.84	136,000
McIntosh	34,000	2.03	69,000	40,000	1.40	56,000	74,000	1.69	125,000
Ransom	14,000	2.50	35,000	9,000	1.11	10,000	23,000	1.96	45,000
Richland	11,000	3.00	33,000	14,000	1.21	17,000	25,000	2.00	50,000
Sargent	9,000	3.00	27,000	5,000	1.60	8,000	14,000	2.50	35,000
Combined Counties Southeast	150,000	2.43	365,000	130,000	1.37	178,000	280,000	1.94	543,000
Combined Districts									
STATE	1,300,000	1.50	1,950,000	1,430,000	1.20	1,716,000	2,730,000	1.34	3,666,000

^{1/} Data published in combined counties or districts to avoid disclosure of individual operations.

Hay: Acreage and Production, North Dakota, 2003 ^{1/}

District and County	Alfalfa Hay			All Other Hay			All Hay		
	Harvested	Yield Per Acre	Production	Harvested	Yield Per Acre	Production	Harvested	Yield Per Acre	Production
	Acres	Tons	Tons	Acres	Tons	Tons	Acres	Tons	Tons
Burke	11,000	1.09	12,000	10,000	1.50	15,000	21,000	1.29	27,000
Divide	13,000	1.69	22,000	20,000	1.50	30,000	33,000	1.58	52,000
Mountrail	37,000	1.24	46,000	45,000	1.40	63,000	82,000	1.33	109,000
Renville	7,000	1.43	10,000	6,000	1.33	8,000	13,000	1.38	18,000
Ward	26,000	1.69	44,000	32,000	1.56	50,000	58,000	1.62	94,000
Williams	36,000	1.56	56,000	22,000	1.09	24,000	58,000	1.38	80,000
Combined Counties Northwest	130,000	1.46	190,000	135,000	1.41	190,000	265,000	1.43	380,000
Benson	18,000	2.17	39,000	30,000	1.80	54,000	48,000	1.94	93,000
Bottineau	24,000	1.46	35,000	28,000	1.39	39,000	52,000	1.42	74,000
McHenry	52,000	1.67	87,000	99,000	1.30	129,000	151,000	1.43	216,000
Pierce	17,000	1.88	32,000	31,000	1.71	53,000	48,000	1.77	85,000
Rolette	24,000	1.33	32,000	22,000	1.36	30,000	46,000	1.35	62,000
Combined Counties North Central	135,000	1.67	225,000	210,000	1.45	305,000	345,000	1.54	530,000
Cavalier	5,000	2.00	10,000	9,000	1.89	17,000	14,000	1.93	27,000
Grand Forks	7,000	2.86	20,000	9,000	1.78	16,000	16,000	2.25	36,000
Nelson	7,000	2.86	20,000	16,000	1.81	29,000	23,000	2.13	49,000
Pembina	6,000	2.17	13,000	12,000	1.75	21,000	18,000	1.89	34,000
Ramsey	4,000	2.75	11,000	10,000	1.70	17,000	14,000	2.00	28,000
Towner	8,000	1.50	12,000	11,000	1.45	16,000	19,000	1.47	28,000
Walsh	8,000	2.38	19,000	18,000	1.61	29,000	26,000	1.85	48,000
Combined Counties Northeast	45,000	2.33	105,000	85,000	1.71	145,000	130,000	1.92	250,000
Dunn	106,000	1.18	125,000	54,000	1.48	80,000	160,000	1.28	205,000
McKenzie	45,000	1.27	57,000	45,000	1.47	66,000	90,000	1.37	123,000
McLean	28,000	1.75	49,000	27,000	1.67	45,000	55,000	1.71	94,000
Mercer	38,000	1.26	48,000	33,000	1.30	43,000	71,000	1.28	91,000
Oliver	33,000	2.00	66,000	16,000	1.31	21,000	49,000	1.78	87,000
Combined Counties West Central	250,000	1.38	345,000	175,000	1.46	255,000	425,000	1.41	600,000
Eddy	17,000	1.94	33,000	13,000	1.92	25,000	30,000	1.93	58,000
Foster	10,000	2.30	23,000	5,000	1.20	6,000	15,000	1.93	29,000
Kidder	83,000	1.77	147,000	36,000	1.50	54,000	119,000	1.69	201,000
Sheridan	17,000	1.71	29,000	22,000	1.68	37,000	39,000	1.69	66,000
Stutsman	52,000	2.06	107,000	38,000	1.21	46,000	90,000	1.70	153,000
Wells	11,000	2.82	31,000	16,000	2.00	32,000	27,000	2.33	63,000
Combined Counties Central	190,000	1.95	370,000	130,000	1.54	200,000	320,000	1.78	570,000
Barnes	11,000	2.36	26,000	12,000	2.00	24,000	23,000	2.17	50,000
Cass	14,000	3.07	43,000	8,000	1.25	10,000	22,000	2.41	53,000
Griggs	11,000	3.09	34,000	7,000	2.00	14,000	18,000	2.67	48,000
Steele	6,000	2.67	16,000	3,000	2.00	6,000	9,000	2.44	22,000
Traill	3,000	2.00	6,000	5,000	1.80	9,000	8,000	1.88	15,000
Combined Counties East Central	45,000	2.78	125,000	35,000	1.80	63,000	80,000	2.35	188,000
Adams	48,000	1.42	68,000	36,000	1.14	41,000	84,000	1.30	109,000
Billings	55,000	1.27	70,000	22,000	1.23	27,000	77,000	1.26	97,000
Bowman	59,000	1.17	69,000	35,000	1.69	59,000	94,000	1.36	128,000
Golden Valley	13,000	1.46	19,000	19,000	1.26	24,000	32,000	1.34	43,000
Hettinger	34,000	1.82	62,000	19,000	1.21	23,000	53,000	1.60	85,000
Slope	36,000	1.44	52,000	24,000	1.67	40,000	60,000	1.53	92,000
Stark	75,000	1.27	95,000	45,000	1.69	76,000	120,000	1.43	171,000
Combined Counties Southwest	320,000	1.36	435,000	200,000	1.45	290,000	520,000	1.39	725,000
Burleigh	72,000	1.68	121,000	41,000	1.39	57,000	113,000	1.58	178,000
Emmons	51,000	1.69	86,000	52,000	1.21	63,000	103,000	1.45	149,000
Grant	85,000	1.13	96,000	51,000	1.00	51,000	136,000	1.08	147,000
Morton	88,000	1.35	119,000	80,000	1.16	93,000	168,000	1.26	212,000
Sioux	54,000	1.26	68,000	31,000	1.32	41,000	85,000	1.28	109,000
Combined Counties South Central	350,000	1.40	490,000	255,000	1.20	305,000	605,000	1.31	795,000
Dickey	25,000	2.44	61,000	17,000	2.00	34,000	42,000	2.26	95,000
LaMoure	13,000	3.54	46,000	15,000	1.93	29,000	28,000	2.68	75,000
Logan	32,000	2.03	65,000	37,000	1.54	57,000	69,000	1.77	122,000
McIntosh	30,000	2.13	64,000	25,000	1.56	39,000	55,000	1.87	103,000
Ransom	17,000	3.24	55,000	12,000	1.25	15,000	29,000	2.41	70,000
Richland	9,000	4.11	37,000	11,000	1.45	16,000	20,000	2.65	53,000
Sargent	9,000	3.00	27,000	8,000	1.88	15,000	17,000	2.47	42,000
Combined Counties Southeast	135,000	2.63	355,000	125,000	1.64	205,000	260,000	2.15	560,000
Combined Districts									
STATE	1,600,000	1.65	2,640,000	1,350,000	1.45	1,958,000	2,950,000	1.56	4,598,000

^{1/} Data published in combined counties or districts to avoid disclosure of individual operations.

HAY