

Crude Oil Production in North Dakota: 2007

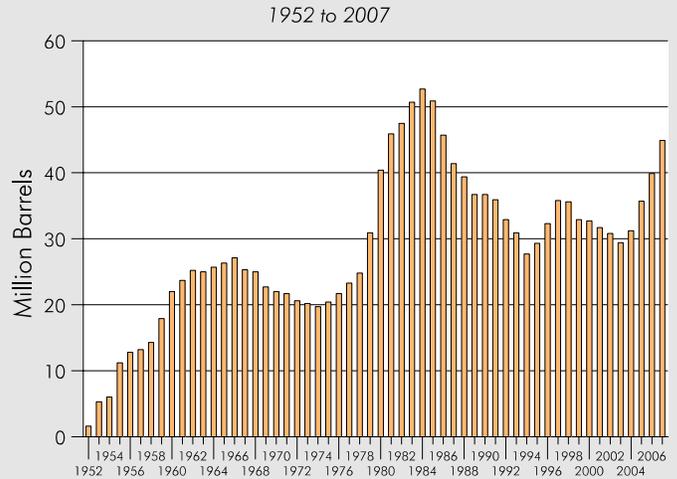
North Dakota ranked 9th in crude oil production out of 31 oil-producing states and two federal offshore areas in 2007, producing an average of 123,447 barrels of oil per day. North Dakota's total oil production in 2007, approximately 45 million barrels, comprised 2.4 percent of the nation's total production. Texas, Alaska, and California, the top states in U.S. crude oil production, captured nearly half of total oil production in the nation (877 million barrels) (Table 1).

Total crude oil production in the U.S. (1.8 billion barrels of oil in 2007) has declined every year since 1985 (with the exception of a slight growth in 1991).

North Dakota's oil production increased sharply in the late 1970s and peaked in 1984 at nearly 53 million barrels. Production declined throughout the late 1980s and early 1990s. After a small rise in the mid 1990s, production slowed again, dropping to 29.4 million barrels by 2003. Since 2004, crude oil production in North Dakota has grown 11.2 percent per year on average, reaching approximately 45 million barrels in 2007 (Figure 1).

Bowman County was North Dakota's largest crude oil producer in 2007 (17.7 million barrels), followed by McKenzie County (6.3 million barrels), Billings County (4.8 million barrels), Williams County (4.6 million barrels), Mountrail County (2.4 million barrels), Dunn County (2.0 million barrels), Bottineau County (1.9 million barrels), and Stark County (1.6 million barrels). An additional eight counties produced the remaining 3.8 million barrels of the state's overall crude oil production in 2007.

Figure 1. Crude Oil Production in North Dakota



Source: North Dakota Industrial Commission, Oil and Gas Division, www.dmr.nd.gov/oilgas/

Figure 2. Percent Change in Crude Oil Production by State: 2006 to 2007

Source: Energy Information Administration (EIA), Petroleum Supply Monthly, www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_monthly/psm.html

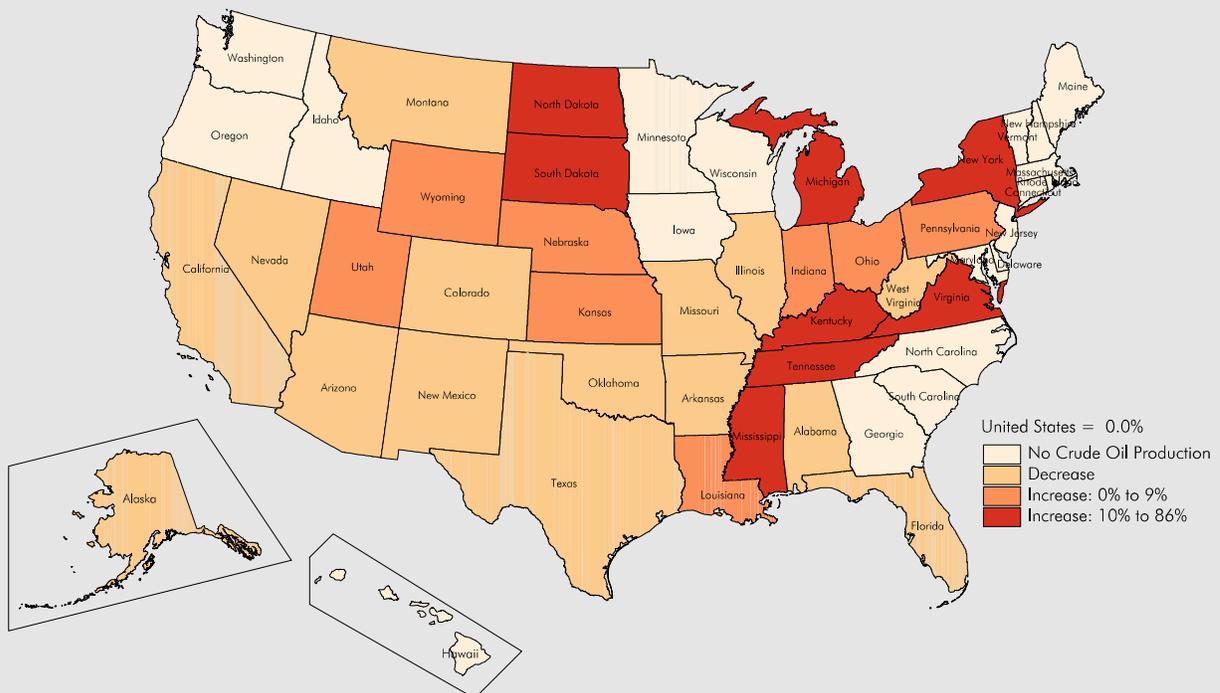


Table 1. Crude Oil Production by State and Federal Offshore Area: 1997 to 2007

Note: Data are in thousands of barrels of oil. For example, 39,943 equals 39,943,000 barrels of oil. Source: Energy Information Administration (EIA), Petroleum Supply Monthly, www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_monthly/psm.html

Area	Crude Oil Production (thousands of barrels)										
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007
Alabama	14,831	12,397	11,125	10,458	9,333	8,631	7,877	7,443	7,861	7,531	7,173
Alaska	472,949	428,851	383,198	355,198	351,412	359,335	355,582	332,465	315,420	270,486	263,595
Arizona	82	78	66	57	60	63	47	52	50	55	43
Arkansas	8,429	7,998	7,154	7,153	7,591	7,344	7,226	6,732	6,344	6,104	6,031
California	285,172	283,628	273,019	271,132	260,665	258,010	250,000	240,206	230,294	223,449	216,778
Colorado	25,616	22,365	18,468	18,479	16,518	17,734	21,109	22,097	22,823	23,390	23,237
Connecticut	-	-	-	-	-	-	-	-	-	-	-
Delaware	-	-	-	-	-	-	-	-	-	-	-
Florida	6,381	5,971	4,895	4,625	4,426	3,656	3,262	2,875	2,585	2,360	2,078
Georgia	-	-	-	-	-	-	-	-	-	-	-
Hawaii	-	-	-	-	-	-	-	-	-	-	-
Idaho	-	-	-	-	-	-	-	-	-	-	-
Illinois	16,115	13,732	12,065	12,206	10,092	12,051	11,696	10,984	10,207	10,323	9,609
Indiana	2,430	2,210	1,964	2,098	2,022	1,962	1,865	1,755	1,727	1,731	1,727
Iowa	-	-	-	-	-	-	-	-	-	-	-
Kansas	39,836	35,541	29,046	34,463	33,942	32,721	33,944	33,858	33,823	35,651	36,490
Kentucky	2,988	2,919	2,777	3,467	2,970	2,679	2,538	2,548	2,535	2,340	2,666
Louisiana	134,134	134,219	120,008	105,424	104,608	93,477	90,111	83,411	75,483	73,876	76,651
Maine	-	-	-	-	-	-	-	-	-	-	-
Maryland	-	-	-	-	-	-	-	-	-	-	-
Massachusetts	-	-	-	-	-	-	-	-	-	-	-
Michigan	10,052	8,995	7,835	7,907	7,374	7,219	6,524	6,409	5,549	5,093	5,201
Minnesota	-	-	-	-	-	-	-	-	-	-	-
Mississippi	21,037	22,031	17,949	19,843	19,530	18,015	16,593	17,153	17,695	17,356	20,396
Missouri	114	93	92	95	90	95	82	88	85	87	80
Montana	15,527	16,483	14,939	15,427	15,919	16,855	19,320	24,724	32,855	36,262	34,829
Nebraska	3,337	3,176	2,661	2,955	2,922	2,779	2,755	2,507	2,413	2,313	2,334
Nevada	980	799	706	621	571	553	493	463	447	426	408
New Hampshire	-	-	-	-	-	-	-	-	-	-	-
New Jersey	-	-	-	-	-	-	-	-	-	-	-
New Mexico	69,835	72,328	64,377	67,198	68,001	67,041	66,130	64,236	60,660	59,818	58,831
New York	276	217	205	210	166	165	144	170	197	319	380
North Carolina	-	-	-	-	-	-	-	-	-	-	-
North Dakota	35,833	35,562	32,883	32,718	31,691	30,993	29,406	31,154	35,660	39,911	45,058
Ohio	8,593	6,541	5,968	6,574	6,050	6,004	5,647	5,785	5,652	5,422	5,455
Oklahoma	83,365	77,577	70,557	69,976	68,531	66,642	65,356	62,502	62,142	62,841	60,952
Oregon	-	-	-	-	-	-	-	-	-	-	-
Pennsylvania	1,320	1,978	1,470	1,500	1,620	2,233	2,425	2,538	3,947	3,626	3,653
Rhode Island	-	-	-	-	-	-	-	-	-	-	-
South Carolina	-	-	-	-	-	-	-	-	-	-	-
South Dakota	1,334	1,206	1,100	1,170	1,255	1,214	1,237	1,357	1,469	1,394	1,665
Tennessee	367	287	345	346	349	275	311	361	324	192	284
Texas	536,584	504,661	449,233	443,396	424,295	411,985	405,801	392,867	387,680	397,220	396,894
Utah	19,317	19,198	16,253	15,636	15,251	13,676	13,096	14,629	16,651	17,910	19,520
Vermont	-	-	-	-	-	-	-	-	-	-	-
Virginia	10	6	8	7	12	22	5	19	8	7	18
Washington	-	-	-	-	-	-	-	-	-	-	-
West Virginia	1,508	1,470	1,470	1,401	1,225	1,382	1,334	1,339	1,563	1,749	1,574
Wisconsin	-	-	-	-	-	-	-	-	-	-	-
Wyoming	70,176	64,782	61,127	60,726	57,432	54,717	52,407	51,619	51,626	52,904	54,130
Federal Offshore											
PAD District 3	412,169	448,388	494,066	523,250	560,486	567,810	569,131	531,900	467,776	474,000	466,112
Federal Offshore											
PAD District 5	54,134	46,232	39,703	34,992	31,103	29,783	30,000	27,054	26,554	26,113	24,600
U.S. Total	2,354,831	2,281,919	2,146,732	2,130,707	2,117,511	2,097,124	2,073,453	1,983,302	1,890,106	1,862,259	1,848,450

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North Dakota 9th Largest Oil Producer in Nation

In 2007, North Dakota ranked 9th in crude oil production out of 31 oil-producing states and two federal offshore areas. North Dakota produced an average of 123,447 barrels of oil per day in 2007.

This month's "Economic Brief," a monthly publication from the North Dakota State Data Center at North Dakota State University, focuses on crude oil production throughout North Dakota and the nation.

North Dakota's total oil production in 2007, approximately 45 million barrels, comprised 2.4 percent of the nation's total production. Texas, Alaska, and California, the top states in U.S. crude oil production, captured nearly half of total oil production in the nation (47.5 percent or 877 million barrels).

Total crude oil production in the U.S. (1.8 billion barrels of oil in 2007) has declined every year since 1985 (with the exception of a slight growth in 1991). From 1985 to 2007, crude oil production nationwide decreased an average of 2.5 percent per year.

North Dakota's oil production increased sharply in the late 1970s and peaked in 1984 at just less than 53 million barrels. Production declined throughout the late 1980s and early 1990s. After a small rise in the mid 1990s, production slowed again, dropping to 29 million barrels by 2003. Since 2004, crude oil production in North Dakota has grown an average of 11.2 percent per year, reaching approximately 45 million barrels in 2007. "The increase in oil production has had a corresponding increase in population for many western counties," said Richard Rathge, Director of the State Data Center. "Our state's per capita income has also grown sharply. Per capita income growth in 2007 was the 5th largest in the nation, up 6.4 percent from 2006," said Rathge.

Sixteen of North Dakota's 53 counties produced crude oil in 2007. Bowman County was North Dakota's largest crude oil producer in 2007 (17.7 million barrels), followed by McKenzie (6.3 million barrels), Billings (4.8 million barrels), Williams (4.6 million barrels), Mountrail (2.4 million barrels), Dunn (2.0 million barrels), Bottineau (1.9 million barrels), and Stark (1.6 million barrels). An additional eight counties produced the remaining 3.8 million barrels of the state's overall crude oil production in 2007.

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