

FORECAST AND ACTUAL 2015-17 BIENNIUM OIL TAX REVENUE COLLECTIONS AND ALLOCATIONS

ACTUAL COLLECTIONS AND ALLOCATIONS THROUGH NOVEMBER 2016 AND ORIGINAL FORECASTED AMOUNTS FOR THE REMAINDER OF THE BIENNIUM

The schedules below provide information on the actual oil production and prices, oil tax revenue collections, and oil tax revenue allocations for August 2015 through November 2016 and originally forecasted amounts for the remainder of the biennium. For example, November 2016 oil tax revenue collections relate to September 2016 oil production. Actual oil prices reflect the Flint Hills Resources (FHR) posted prices.

	Actual												Fiscal Year 2016 Average
	June 2015	July 2015	August 2015	September 2015	October 2015	November 2015	December 2015	January 2016	February 2016	March 2016	April 2016	May 2016	
Average daily oil price and oil production													
Production in barrels	1,211,328	1,206,996	1,187,631	1,162,159	1,171,119	1,181,787	1,152,696	1,122,462	1,119,092	1,111,421	1,041,981	1,047,003	1,142,973
Price per barrel - FHR	\$47.73	\$39.41	\$29.52	\$31.17	\$34.37	\$32.16	\$26.75	\$21.13	\$18.07	\$26.62	\$30.75	\$33.74	\$30.95
	Actual												Fiscal Year 2016 Total
	August 2015	September 2015	October 2015	November 2015	December 2015	January 2016	February 2016	March 2016	April 2016	May 2016	June 2016	July 2016	
Collections													
Gross production tax	\$95,364,418	\$82,342,580	\$64,881,394	\$63,796,649	\$70,276,500	\$66,816,350	\$55,026,047	\$43,791,551	\$40,754,583	\$53,231,298	\$54,135,352	\$61,134,790	\$751,551,512
Oil extraction tax	93,764,109	84,390,468	64,399,990	66,241,723	76,470,120	72,385,818	59,145,189	38,836,441	31,826,023	45,908,221	47,208,969	54,413,505	734,990,576
Total collections	\$189,128,527	\$166,733,048	\$129,281,384	\$130,038,372	\$146,746,620	\$139,202,168	\$114,171,236	\$82,627,992	\$72,580,606	\$99,139,519	\$101,344,321	\$115,548,295	\$1,486,542,088
Allocations													
Legacy fund	\$52,445,900	\$46,082,947	\$35,621,356	\$36,388,263	\$40,656,758	\$38,535,656	\$31,728,506	\$22,976,563	\$20,466,184	\$27,754,538	\$28,319,084	\$32,497,395	\$413,473,150
Three Affiliated Tribes	14,308,325	13,123,224	10,543,530	8,744,161	11,224,092	10,749,980	8,409,550	6,039,448	4,359,993	6,624,394	6,947,373	7,223,644	108,297,714
Oil and gas research fund	1,792,695	926,704	938,220	959,016	1,080,774	1,032,110	858,180	647,153	587,378	783,671	394,099	0	10,000,000
Oil and gas impact grant fund	0	6,047,182	3,424,407	3,519,660	4,284,045	3,751,703	2,041,320	398,471	135,598	1,947,901	2,032,888	3,147,876	30,731,051
Political subdivisions	21,176,944	43,190,388	24,196,348	23,920,876	24,597,427	23,321,646	20,017,986	16,911,207	16,374,916	19,407,644	19,387,592	20,982,524	273,485,498
Abandoned well reclamation fund	650,406	557,069	437,852	442,182	476,926	452,729	374,984	300,309	288,361	370,738	374,601	425,282	5,151,439
North Dakota outdoor heritage fund	650,599	1,114,138	875,704	884,363	953,853	905,458	749,968	600,619	576,721	741,476	749,202	850,565	9,652,666
Foundation aid stabilization fund	7,912,454	7,085,299	5,346,284	5,727,736	6,468,265	6,111,110	5,047,911	3,301,044	2,781,555	3,954,849	4,062,445	4,794,073	62,593,025
Common schools trust fund	7,912,454	7,085,299	5,346,284	5,727,736	6,468,265	6,111,110	5,047,911	3,301,044	2,781,555	3,954,849	4,062,445	4,794,073	62,593,025
Resources trust fund ¹	15,824,908	14,170,598	10,692,569	11,455,472	12,936,530	12,222,219	10,095,822	6,602,087	5,563,111	7,909,698	8,124,891	9,588,145	125,186,050
General fund	66,453,309	27,350,200	31,858,830	32,268,907	37,599,685	4,469,069	0	0	0	0	0	0	200,000,000
Tax relief fund	0	0	0	0	0	31,539,378	29,799,098	21,550,047	18,665,234	25,689,761	26,889,701	31,244,718	185,377,937
Strategic investment and improvements fund	533	0	0	0	0	0	0	0	0	0	0	0	533
Political subdivision allocation fund	0	0	0	0	0	0	0	0	0	0	0	0	0
State disaster relief fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Total oil tax allocations	\$189,128,527	\$166,733,048	\$129,281,384	\$130,038,372	\$146,746,620	\$139,202,168	\$114,171,236	\$82,627,992	\$72,580,606	\$99,139,519	\$101,344,321	\$115,548,295	\$1,486,542,088
¹ The amounts shown for the resources trust fund include transfers to the following:													
	Actual												Fiscal Year 2016 Total
	August 2015	September 2015	October 2015	November 2015	December 2015	January 2016	February 2016	March 2016	April 2016	May 2016	June 2016	July 2016	
Energy conservation grant fund	\$79,125	\$70,853	\$53,463	\$57,277	\$64,683	\$61,111	\$50,479	\$33,010	\$27,816	\$39,548	\$40,624	\$47,941	\$625,930
Renewable energy development fund	791,245	708,530	534,628	572,774	392,823	0	0	0	0	0	0	0	3,000,000
Infrastructure revolving loan fund - Water	1,582,491	1,417,060	1,069,257	1,145,547	1,293,653	1,222,222	1,009,582	660,209	556,311	790,970	812,489	958,815	12,518,606
Total transfers	\$2,452,861	\$2,196,443	\$1,657,348	\$1,775,598	\$1,751,159	\$1,283,333	\$1,060,061	\$693,219	\$584,127	\$830,518	\$853,113	\$1,006,756	\$16,144,536

	Actual				Forecast								Fiscal Year 2017 Average	Biennium Average
	June 2016	July 2016	August 2016	September 2016	October 2016	November 2016	December 2016	January 2017	February 2017	March 2017	April 2017	May 2017		
Average daily oil price and oil production														
Production in barrels	1,027,131	1,029,734	982,011	971,658	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,067,545	1,105,259
Price per barrel - FHR	\$38.40	\$35.57	\$33.73	\$32.98	\$50.76	\$51.02	\$51.09	\$51.49	\$51.70	\$51.95	\$52.37	\$52.56	\$46.14	\$38.54
	Actual				Forecast								Fiscal Year 2017 Total	Biennium Total
	August 2016	September 2016	October 2016	November 2016	December 2016	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017		
Collections														
Gross production tax	\$68,527,681	\$60,109,964	\$56,801,546	\$55,234,987	\$83,083,968	\$80,815,680	\$83,624,112	\$84,278,832	\$76,433,280	\$85,031,760	\$82,954,080	\$86,030,208	\$902,926,098	\$1,654,477,610
Oil extraction tax	58,710,783	55,066,685	50,788,934	50,076,696	83,083,968	80,815,680	83,624,112	84,278,832	76,433,280	85,031,760	82,954,080	86,030,208	876,895,018	1,611,885,594
Total collections	\$127,238,464	\$115,176,649	\$107,590,480	\$105,311,683	\$166,167,936	\$161,631,360	\$167,248,224	\$168,557,664	\$152,866,560	\$170,063,520	\$165,908,160	\$172,060,416	\$1,779,821,116	\$3,266,363,204
Allocations														
Legacy fund	\$35,333,461	\$31,922,522	\$29,845,613	\$29,332,212	\$46,036,826	\$44,779,968	\$46,336,120	\$46,698,901	\$42,351,680	\$47,116,097	\$45,964,855	\$47,669,338	\$493,387,593	\$906,860,743
Three Affiliated Tribes	9,460,261	8,768,241	8,105,105	7,537,644	12,711,848	12,364,800	12,794,490	12,894,663	11,694,293	13,009,861	12,691,975	13,162,624	135,195,805	243,493,519
Oil and gas research fund	0	0	0	0	0	0	0	0	0	0	0	0	0	10,000,000
Oil and gas impact grant fund	4,130,217	3,558,007	3,104,709	2,913,632	7,415,298	7,049,614	7,502,378	7,607,929	6,343,101	8,142,116	8,002,245	8,520,708	74,289,954	105,021,005
Political subdivisions	22,137,155	35,930,177	21,443,007	20,954,544	28,672,859	26,480,358	25,834,848	25,544,548	23,531,512	25,506,087	25,028,963	25,630,959	306,695,017	580,180,515
Abandoned well reclamation fund	469,934	408,887	388,282	379,597	608,839	592,217	612,797	617,595	560,103	210,310	0	0	4,848,561	10,000,000
North Dakota outdoor heritage fund	939,868	817,773	776,564	759,194	1,217,679	1,184,435	1,225,595	1,235,191	1,120,206	1,246,225	1,215,775	1,260,859	12,999,364	22,652,030
Foundation aid stabilization fund	4,957,618	4,652,933	4,284,499	4,278,678	7,161,838	6,966,311	7,208,398	7,264,835	6,588,549	7,329,738	7,150,642	7,415,804	75,259,843	137,852,868
Common schools trust fund	4,957,618	4,652,933	4,284,499	4,278,678	7,161,838	6,966,311	7,208,398	7,264,835	6,588,549	7,329,738	7,150,642	7,415,804	75,259,843	137,852,868
Resources trust fund ¹	9,915,236	9,305,866	8,568,999	8,557,356	14,323,676	13,932,623	14,416,797	14,529,670	13,177,097	14,659,475	14,301,283	14,831,608	150,519,686	275,705,736
General fund	0	0	0	0	29,440,929	41,314,723	29,244,348	0	0	0	0	0	100,000,000	300,000,000
Tax relief fund	34,937,096	15,159,310	26,789,203	26,320,148	11,416,306	0	0	0	0	0	0	0	114,622,063	300,000,000
Strategic investment and improvements fund ¹	0	0	0	0	0	0	14,864,055	44,899,497	40,235,915	20,838,600	31,081,246	32,306,898	184,226,211	184,226,744
Political subdivision allocation fund	0	0	0	0	0	0	0	0	0	8,930,828	13,320,534	13,845,814	36,097,176	36,097,176
State disaster relief fund	0	0	0	0	0	0	0	0	675,555	15,744,445	0	0	16,420,000	16,420,000
Total oil tax allocations	\$127,238,464	\$115,176,649	\$107,590,480	\$105,311,683	\$166,167,936	\$161,631,360	\$167,248,224	\$168,557,664	\$152,866,560	\$170,063,520	\$165,908,160	\$172,060,416	\$1,779,821,116	\$3,266,363,204
¹ The amounts shown for the resources trust fund include transfers to the following:														
	Actual				Forecast								Fiscal Year 2017 Total	Biennium Total
	August 2016	September 2016	October 2016	November 2016	December 2016	January 2017	February 2017	March 2017	April 2017	May 2017	June 2017	July 2017		
Energy conservation grant fund	\$49,576	\$46,529	\$42,845	\$42,787	\$71,618	\$69,663	\$72,084	\$72,648	\$65,885	\$40,435	\$0	\$0	\$574,070	\$1,200,000
Renewable energy development fund	0	0	0	0	0	0	0	0	0	0	0	0	0	3,000,000
Infrastructure revolving loan fund - Water	991,524	930,587	856,900	855,736	1,432,368	1,393,262	1,441,680	1,452,967	1,317,710	1,465,948	1,430,128	1,483,161	15,051,971	27,570,577
Total transfers	\$1,041,100	\$977,116	\$899,745	\$898,523	\$1,503,986	\$1,462,925	\$1,513,764	\$1,525,615	\$1,383,595	\$1,506,383	\$1,430,128	\$1,483,161	\$15,626,041	\$31,770,577

COMPARISON OF ACTUAL TO FORECAST 2015-17 BIENNIUM OIL TAX REVENUE COLLECTIONS AND ALLOCATIONS

The schedules below provide information on the originally forecasted oil production and prices, oil tax revenue collections, and oil tax revenue allocations for each month of the 2015-17 biennium. Monthly oil tax revenue collections reflect production from 2 months prior. For example, November 2016 oil tax revenue collections relate to September 2016 oil production. Actual oil prices reflect the Flint Hills Resources (FHR) posted prices.

	Fiscal Year 2016			June 2016			July 2016			August 2016		
	Actual	Forecast	Difference	Actual	Forecast	Difference	Actual	Forecast	Difference	Actual	Forecast	Difference
Average daily oil price and production												
Production in barrels	1,142,973	1,100,000	42,973	1,027,131	1,100,000	(72,869)	1,029,734	1,100,000	(70,266)	982,011	1,100,000	(117,989)
Price per barrel - FHR	\$30.95	\$46.32	(\$15.37)	\$38.40	\$49.44	(\$11.04)	\$35.57	\$49.89	(\$14.32)	\$33.73	\$50.04	(\$16.31)
	Fiscal Year 2016			August 2016			September 2016			October 2016		
	Actual	Forecast	Difference	Actual	Forecast	Difference	Actual	Forecast	Difference	Actual	Forecast	Difference
Collections												
Gross production tax	\$751,551,512	\$892,564,992	(\$141,013,480)	\$68,527,681	\$78,312,960	(\$9,785,279)	\$60,109,964	\$81,659,952	(\$21,549,988)	\$56,801,546	\$81,905,472	(\$25,103,926)
Oil extraction tax	734,990,576	573,208,636	161,781,940	58,710,783	78,312,960	(19,602,177)	55,066,685	81,659,952	(26,593,267)	50,788,934	81,905,472	(31,116,538)
Total collections	\$1,486,542,088	\$1,465,773,628	\$20,768,460	\$127,238,464	\$156,625,920	(\$29,387,456)	\$115,176,649	\$163,319,904	(\$48,143,255)	\$107,590,480	\$163,810,944	(\$56,220,464)
Allocations												
Legacy fund	\$413,473,150	\$405,374,028	\$8,099,122	\$35,333,461	\$43,393,211	(\$8,059,750)	\$31,922,522	\$45,247,780	(\$13,325,258)	\$29,845,613	\$45,383,822	(\$15,538,209)
Three Affiliated Tribes	108,297,714	114,526,869	(6,229,155)	9,460,261	11,981,883	(2,521,622)	8,768,241	12,493,973	(3,725,732)	8,105,105	12,531,539	(4,426,434)
Oil and gas research fund	10,000,000	7,177,632	2,822,368	0	845,101	(845,101)	0	486,948	(486,948)	0	771,745	(771,745)
Oil and gas impact grant fund	30,731,051	68,947,918	(38,216,867)	4,130,217	6,646,135	(2,515,918)	3,558,007	7,185,724	(3,627,717)	3,104,709	7,225,305	(4,120,596)
Political subdivisions	273,485,498	302,319,476	(28,833,978)	22,137,155	23,625,722	(1,488,567)	35,930,177	44,093,478	(8,163,301)	21,443,007	30,041,390	(8,598,383)
Abandoned well reclamation fund	5,151,439	5,000,000	151,439	469,934	573,877	(103,943)	408,887	598,404	(189,517)	388,282	600,203	(211,921)
North Dakota outdoor heritage fund	9,652,666	13,081,434	(3,428,768)	939,868	1,147,755	(207,887)	817,773	1,196,808	(379,035)	776,564	1,200,407	(423,843)
Foundation aid stabilization fund	62,593,025	49,410,583	13,182,442	4,957,618	6,750,577	(1,792,959)	4,652,933	7,039,088	(2,386,155)	4,284,499	7,060,251	(2,775,752)
Common schools trust fund	62,593,025	49,410,583	13,182,442	4,957,618	6,750,577	(1,792,959)	4,652,933	7,039,088	(2,386,155)	4,284,499	7,060,251	(2,775,752)
Resources trust fund ¹	125,186,050	98,821,166	26,364,884	9,915,236	13,501,154	(3,585,918)	9,305,866	14,078,176	(4,772,310)	8,568,999	14,120,503	(5,551,504)
General fund	200,000,000	200,000,000	0	0	0	0	0	0	0	0	0	0
Tax relief fund	185,377,937	151,703,939	33,673,998	34,937,096	41,409,928	(6,472,832)	15,159,310	23,860,437	(8,701,127)	26,789,203	37,815,528	(11,026,325)
Strategic investment and improvements fund	533	0	533	0	0	0	0	0	0	0	0	0
Political subdivision allocation fund	0	0	0	0	0	0	0	0	0	0	0	0
State disaster relief fund	0	0	0	0	0	0	0	0	0	0	0	0
Total oil tax allocations	\$1,486,542,088	\$1,465,773,628	\$20,768,460	\$127,238,464	\$156,625,920	(\$29,387,456)	\$115,176,649	\$163,319,904	(\$48,143,255)	\$107,590,480	\$163,810,944	(\$56,220,464)
¹ The amounts shown for the resources trust fund include transfers to the following:												
	Fiscal Year 2016			August			September 2016			October 2016		
	Actual	Forecast	Difference	Actual	Forecast	Difference	Actual	Forecast	Difference	Actual	Forecast	Difference
Energy conservation grant fund	\$625,930	\$494,107	\$131,823	\$49,576	\$67,506	(\$17,930)	\$46,529	\$70,391	(\$23,862)	\$42,845	\$70,603	(\$27,758)
Renewable energy development fund	3,000,000	3,000,000	0	0	0	0	0	0	0	0	0	0
Infrastructure revolving loan fund - Water	12,518,606	9,882,116	2,636,490	991,524	1,350,115	(358,591)	930,587	1,407,818	(477,231)	856,900	1,412,050	(555,150)
Total transfers	\$16,144,536	\$13,376,223	\$2,768,313	\$1,041,100	\$1,417,621	(\$376,521)	\$977,116	\$1,478,209	(\$501,093)	\$899,745	\$1,482,653	(\$582,908)

	September 2016			Biennium-to-Date Average		
	Actual	Forecast	Difference	Actual	Forecast	Difference
Average daily oil price and production						
Production in barrels	971,658	1,100,000	(128,342)	1,107,888	1,100,000	7,888
Price per barrel - FHR	\$32.98	\$50.41	(\$17.43)	\$32.01	\$47.23	(\$15.22)
	November 2016			Biennium-to-Date Total		
	Actual	Forecast	Difference	Actual	Forecast	Difference
Collections						
Gross production tax	\$55,234,987	\$79,849,440	(\$24,614,453)	\$992,225,690	\$1,214,292,816	(\$222,067,126)
Oil extraction tax	50,076,696	79,849,440	(29,772,744)	949,633,674	894,936,460	54,697,214
Total collections	\$105,311,683	\$159,698,880	(\$54,387,197)	\$1,941,859,364	\$2,109,229,276	(\$167,369,912)
Allocations						
Legacy fund	\$29,332,212	\$44,244,574	(\$14,912,362)	\$539,906,958	\$583,643,415	(\$43,736,457)
Three Affiliated Tribes	7,537,644	12,216,965	(4,679,321)	142,168,965	163,751,229	(21,582,264)
Oil and gas research fund	0	718,574	(718,574)	10,000,000	10,000,000	0
Oil and gas impact grant fund	2,913,632	6,893,840	(3,980,208)	44,437,616	96,898,922	(52,461,306)
Political subdivisions	20,954,544	27,789,376	(6,834,832)	373,950,381	427,869,442	(53,919,061)
Abandoned well reclamation fund	379,597	585,137	(205,540)	6,798,139	7,357,621	(559,482)
North Dakota outdoor heritage fund	759,194	1,170,273	(411,079)	12,946,065	17,796,677	(4,850,612)
Foundation aid stabilization fund	4,278,678	6,883,022	(2,604,344)	80,766,753	77,143,521	3,623,232
Common schools trust fund	4,278,678	6,883,022	(2,604,344)	80,766,753	77,143,521	3,623,232
Resources trust fund ¹	8,557,356	13,766,043	(5,208,687)	161,533,507	154,287,042	7,246,465
General fund	0	0	0	200,000,000	200,000,000	0
Tax relief fund	26,320,148	38,548,054	(12,227,906)	288,583,694	293,337,886	(4,754,192)
Strategic investment and improvements fund	0	0	0	533	0	533
Political subdivision allocation fund	0	0	0	0	0	0
State disaster relief fund	0	0	0	0	0	0
Total oil tax allocations	\$105,311,683	\$159,698,880	(\$54,387,197)	\$1,941,859,364	\$2,109,229,276	(\$167,369,912)
¹ The amounts shown for the resources trust fund include transfers to the following:						
	November 2016			Biennium-to-Date Total		
	Actual	Forecast	Difference	Actual	Forecast	Difference
Energy conservation grant fund	\$42,787	\$68,830	(\$26,043)	\$807,667	\$771,437	\$36,230
Renewable energy development fund	0	0	0	3,000,000	3,000,000	0
Infrastructure revolving loan fund - Water	855,736	1,376,604	(520,868)	16,153,353	15,428,703	724,650
Total transfers	\$898,523	\$1,445,434	(\$546,911)	\$19,961,020	\$19,200,140	\$760,880