



OIL AND GAS TAX REVENUE COLLECTIONS AND ALLOCATIONS QUARTERLY UPDATE DETAIL

This memorandum provides information on oil production and prices, oil and gas tax revenue collections, and oil and gas tax revenue allocations for the biennium to date through January 2021. **The forecasted amounts reflect the 2019 legislative revenue forecast**, prepared at the close of the 2019 legislative session.

OIL PRODUCTION AND PRICE - COMPARISON OF ACTUAL AND FORECAST

The schedules below provide information on oil production and prices for the biennium to date through November 2020. Monthly oil and gas tax revenue collections and allocations reflect oil production and prices from 2 months prior. The amounts shown for the actual oil prices reflect the average of Flint Hills Resources posted prices and West Texas Intermediate posted prices.

Average Daily Oil Production - Barrels Per Day								
	Fiscal Year 2020	June 2020	July 2020	August 2020	September 2020	October 2020	November 2020	Biennium-to-Date Average
Actual	1,391,837	893,591	1,042,081	1,165,371	1,223,107	1,231,048	1,224,540	1,304,544
Forecast	1,400,000	1,440,000	1,440,000	1,440,000	1,440,000	1,440,000	1,440,000	1,413,333
Variance to forecast	(8,163)	(546,409)	(397,919)	(274,629)	(216,893)	(208,952)	(215,460)	(108,789)

Average Oil Price - Price Per Barrel								
	Fiscal Year 2020	June 2020	July 2020	August 2020	September 2020	October 2020	November 2020	Biennium-to-Date Average
Posted prices								
Flint Hills Resources	\$36.61	\$32.35	\$31.69	\$32.91	\$31.59	\$30.15	\$33.22	\$35.07
West Texas Intermediate	\$48.23	\$38.31	\$40.77	\$42.39	\$39.63	\$39.56	\$41.35	\$45.60
Price comparison								
Actual	\$42.42	\$35.33	\$36.23	\$37.65	\$35.61	\$34.86	\$37.29	\$40.33
Forecast	48.50	48.00	48.00	48.00	48.00	48.00	48.00	48.33
Variance to forecast	(\$6.08)	(\$12.67)	(\$11.77)	(\$10.35)	(\$12.39)	(\$13.14)	(\$10.71)	(\$8.00)

OIL AND GAS TAX REVENUE COLLECTIONS - COMPARISON OF ACTUAL AND FORECAST

The schedule below provides a comparison of actual to forecasted oil and gas tax revenue collections for the biennium to date through January 2021.

	Fiscal Year 2020	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021	Biennium-to-Date Total
Actual								
Gross production tax	\$1,079,912,250	\$43,800,991	\$53,889,364	\$62,224,655	\$60,806,608	\$60,175,818	\$63,027,991	\$1,423,837,677
Oil extraction tax	956,351,054	35,615,522	45,185,240	54,305,828	49,895,922	52,258,312	54,660,884	1,248,272,762
Total actual	\$2,036,263,304	\$79,416,513	\$99,074,604	\$116,530,483	\$110,702,530	\$112,434,130	\$117,688,875	\$2,672,110,439

	Fiscal Year 2020	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021	Biennium-to-Date Total
Forecasted								
Gross production tax	\$1,214,391,500	\$101,606,400	\$104,993,280	\$104,993,280	\$101,606,400	\$104,993,280	\$101,606,400	\$1,834,190,540
Oil extraction tax	1,189,608,000	99,532,800	102,850,560	102,850,560	99,532,800	102,850,560	99,532,800	1,796,758,080
Total forecasted	\$2,403,999,500	\$201,139,200	\$207,843,840	\$207,843,840	\$201,139,200	\$207,843,840	\$201,139,200	\$3,630,948,620
Variance to forecast								
Gross production tax	(\$134,479,250)	(\$57,805,409)	(\$51,103,916)	(\$42,768,625)	(\$40,799,792)	(\$44,817,462)	(\$38,578,409)	(\$410,352,863)
Oil extraction tax	(233,256,946)	(63,917,278)	(57,665,320)	(48,544,732)	(49,636,878)	(50,592,248)	(44,871,916)	(548,485,318)
Total variance	(\$367,736,196)	(\$121,722,687)	(\$108,769,236)	(\$91,313,357)	(\$90,436,670)	(\$95,409,710)	(\$83,450,325)	(\$958,838,181)
Percentage variance	(15.3%)	(60.5%)	(52.3%)	(43.9%)	(45.0%)	(45.9%)	(41.5%)	(26.4%)

OIL AND GAS TAX REVENUE COLLECTIONS BY TAX TYPE

The schedules below provide information on oil and gas gross production tax collections and oil extraction tax collections in each county and the Fort Berthold Reservation for the biennium to date through January 2021. The amounts shown for the Fort Berthold Reservation include a portion of the collections that are attributed to Dunn, McKenzie, McLean, and Mountrail Counties. Unallocated tax collections are primarily related to small miscellaneous corrections reported on tax returns. Unallocated tax collections remaining at the end of each fiscal year are allocated to the counties in the subsequent fiscal year.

Oil and Gas Gross Production Tax Collections								
	Fiscal Year 2020	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021	Biennium-to-Date Total
Billings	\$7,698,624	\$323,534	\$430,623	\$445,692	\$417,195	\$511,509	\$556,521	\$10,383,698
Bottineau	2,779,795	150,633	122,627	205,025	160,387	158,813	169,742	3,747,022
Bowman	9,600,983	526,367	557,496	599,891	543,210	544,768	545,536	12,918,251
Burke	8,562,936	370,297	555,687	503,766	479,904	470,567	446,037	11,389,194
Divide	13,988,596	363,188	702,219	978,242	915,018	829,356	872,338	18,648,957
Dunn	137,289,535	3,437,052	5,145,789	7,116,157	7,185,504	6,950,387	7,796,992	174,921,416
Golden Valley	1,105,075	62,345	73,830	69,746	75,842	65,811	78,862	1,531,511
McHenry	121,331	1,642	876	10,995	8,197	7,532	7,673	158,246
McKenzie	352,466,737	13,115,039	16,556,567	20,727,072	21,465,560	20,372,654	21,443,946	466,147,575
McLean	0	0	0	0	0	0	0	0
Mercer	0	0	0	0	0	0	0	0
Mountrail	116,279,292	6,418,741	7,750,421	8,356,052	7,440,890	7,448,877	7,738,661	161,432,934
Renville	1,017,491	49,146	44,491	73,212	57,790	56,225	58,031	1,356,386
Slope	513,114	33,274	35,999	34,669	33,793	35,705	35,714	722,268
Stark	5,991,521	258,973	365,795	392,186	350,401	344,612	345,994	8,049,482
Ward	34,611	1,843	2,247	1,512	2,124	1,851	1,370	45,558
Williams	195,239,062	8,350,235	9,588,401	10,101,081	9,516,212	9,163,523	9,450,462	251,408,976
Fort Berthold Reservation	227,223,547	10,338,682	11,956,296	12,609,357	12,154,581	13,213,628	13,480,112	300,976,203
Total	\$1,079,912,250	\$43,800,991	\$53,889,364	\$62,224,655	\$60,806,608	\$60,175,818	\$63,027,991	\$1,423,837,677

Oil Extraction Tax Collections								
	Fiscal Year 2020	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021	Biennium-to-Date Total
Billings	\$4,562,873	\$193,999	\$155,354	\$235,491	\$66,365	\$327,164	\$356,102	\$5,897,348
Bottineau	856,434	63,192	59,084	78,720	65,900	63,711	64,383	1,251,424
Bowman	2,269,341	133,365	147,773	155,978	91,752	146,490	149,993	3,094,692
Burke	4,968,204	209,850	295,719	296,109	37,997	251,923	236,621	6,296,423
Divide	7,858,226	230,211	360,727	507,386	(555,027)	431,542	454,648	9,287,713
Dunn	123,959,881	2,572,698	4,248,323	6,312,362	6,111,530	6,164,740	6,893,182	156,262,716
Golden Valley	685,304	46,016	50,917	41,072	45,068	40,989	48,818	958,184
McHenry	104,566	1,244	0	10,426	7,472	6,636	6,595	136,939
McKenzie	315,753,135	10,901,898	14,245,156	18,686,894	18,755,907	18,021,784	18,777,255	415,142,029
McLean	0	0	0	0	0	0	0	0
Mercer	0	0	0	0	0	0	0	0
Mountrail	100,289,625	4,583,644	6,197,193	7,007,217	6,373,749	6,401,471	6,528,113	137,381,012
Renville	281,118	16,814	15,619	22,525	16,199	16,917	17,929	387,121
Slope	0	0	0	0	0	0	0	0
Stark	3,464,187	134,814	101,502	208,128	176,590	187,831	172,747	4,445,799
Ward	12,190	(13,880)	0	0	292	0	0	(1,398)
Williams	174,272,878	6,814,435	8,170,074	8,613,992	7,227,493	7,828,290	7,983,245	220,910,407
Unallocated	54,893	3,439	6,994	4,606	5,707	1,589	2,300	79,528
Fort Berthold Reservation	216,958,199	9,723,783	11,130,805	12,124,922	11,468,928	12,367,235	12,968,953	286,742,825
Total	\$956,351,054	\$35,615,522	\$45,185,240	\$54,305,828	\$49,895,922	\$52,258,312	\$54,660,884	\$1,248,272,762

OIL AND GAS TAX REVENUE ALLOCATIONS

The schedule below provides information on oil and gas tax revenue collections allocated to the Three Affiliated Tribes of the Fort Berthold Reservation, state funds, and political subdivisions for the biennium to date through January 2021.

	Fiscal Year 2020	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021	Biennium-to-Date Total
Three Affiliated Tribes	\$221,143,033	\$10,454,469	\$11,962,387	\$13,074,475	\$12,531,892	\$13,560,463	\$14,439,997	\$297,166,716
Legacy fund	544,536,079	20,688,613	26,133,665	31,036,803	29,451,191	29,662,100	30,974,662	712,483,113
North Dakota outdoor heritage fund	7,500,000	0	670,929	793,845	778,432	751,395	792,766	11,287,367
Abandoned well reclamation fund	6,127,912	267,698	335,465	396,922	389,216	375,698	396,383	8,289,294
Political subdivisions	296,997,610	11,745,144	29,325,804	17,466,647	17,040,595	16,757,781	17,407,130	406,740,711
Common schools trust fund	84,835,809	3,054,429	3,942,323	4,788,986	4,380,516	4,570,182	4,756,665	110,328,910
Foundation aid stabilization fund	84,835,809	3,054,429	3,942,323	4,788,986	4,380,516	4,570,182	4,756,665	110,328,910
Resources trust fund ¹	173,913,403	6,261,579	8,081,761	9,817,421	8,980,059	9,368,874	9,751,163	226,174,260
Oil and gas research fund	12,327,472	477,803	293,599	687,328	655,402	656,349	688,269	15,786,222
State energy research center fund	5,000,000	0	0	0	0	0	0	5,000,000
General fund	350,614,919	23,412,349	14,386,348	11,586,384	0	0	0	400,000,000
Tax relief fund	200,000,000	0	0	0	0	0	0	200,000,000
Budget stabilization fund	48,431,258	0	0	0	0	0	0	48,431,258
Lignite research fund	0	0	0	10,000,000	0	0	0	10,000,000
State disaster relief fund	0	0	0	0	0	0	0	0
Municipal infrastructure fund	0	0	0	12,092,686	17,782,314	0	0	29,875,000

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Strategic investment and improvements fund	0	0	0	0	14,332,397	32,161,106	33,725,175	80,218,678
County and township infrastructure fund	0	0	0	0	0	0	0	0
Airport infrastructure fund	0	0	0	0	0	0	0	0
Total oil tax allocations	\$2,036,263,304	\$79,416,513	\$99,074,604	\$116,530,483	\$110,702,530	\$112,434,130	\$117,688,875	\$2,672,110,439

¹The amounts shown for the resources trust fund include transfers to the following:

	Fiscal Year 2020	August 2020	September 2020	October 2020	November 2020	December 2020	January 2021	Biennium-to-Date Total
Energy conservation grant fund	\$869,568	\$31,308	\$40,409	\$49,087	\$44,900	\$46,844	\$48,756	\$1,130,872
Renewable energy development fund	3,000,000	0	0	0	0	0	0	3,000,000
Total transfers	\$3,869,568	\$31,308	\$40,409	\$49,087	\$44,900	\$46,844	\$48,756	\$4,130,872