



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 July 2022. **The forecasted amounts reflect the 2021 legislative revenue forecast**, prepared at the close of the 2021 legislative session. The oil revenue forecast was not changed during the November 2021 special 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 May 2022. 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													
	June 2021	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	Biennium-to-Date Average
Actual	1,133,498	1,076,594	1,107,359	1,114,020	1,110,910	1,158,622	1,144,999	1,088,613	1,089,091	1,122,640	905,357	1,058,721	1,092,535
Forecast	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000	1,100,000
Variance to forecast	33,498	(23,406)	7,359	14,020	10,910	58,622	44,999	(11,387)	(10,909)	22,640	(194,643)	(41,279)	(7,465)

Average Oil Price - Price Per Barrel													
	June 2021	July 2021	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	Biennium-to-Date Average
Posted prices													
Flint Hills Resources	\$63.62	\$64.80	\$60.94	\$64.37	\$74.35	\$72.03	\$65.46	\$74.86	\$86.17	\$104.68	\$100.16	\$105.77	\$78.10
West Texas Intermediate	\$71.35	\$72.43	\$67.71	\$71.55	\$81.22	\$79.18	\$71.69	\$82.98	\$91.63	\$108.26	\$101.64	\$109.26	\$84.08
Price comparison													
Actual	\$67.49	\$68.62	\$64.33	\$67.96	\$77.79	\$75.61	\$68.58	\$78.92	\$88.90	\$106.47	\$100.90	\$107.52	\$81.09
Forecast	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
Variance to forecast	\$17.49	\$18.62	\$14.33	\$17.96	\$27.79	\$25.61	\$18.58	\$28.92	\$38.90	\$56.47	\$50.90	\$57.52	\$31.09

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 July 2022.

	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022	July 2022	Biennium-to- Date Total
Actual													
Gross production tax	\$107,567,220	\$105,480,920	\$100,758,300	\$106,649,569	\$120,643,445	\$123,698,819	\$107,631,271	\$131,510,124	\$127,605,054	\$177,504,030	\$133,503,521	\$151,973,846	\$1,494,526,119
Oil extraction tax	90,658,655	91,712,749	88,765,214	91,651,629	105,290,430	107,501,240	93,779,137	115,509,048	111,928,842	156,685,569	115,734,607	134,271,385	1,303,488,505
Total actual	\$198,225,875	\$197,193,669	\$189,523,514	\$198,301,198	\$225,933,875	\$231,200,059	\$201,410,408	\$247,019,172	\$239,533,896	\$334,189,599	\$249,238,128	\$286,245,231	\$2,798,014,624
Forecasted													
Gross production tax	\$80,850,000	\$83,545,000	\$83,545,000	\$80,850,000	\$83,545,000	\$80,850,000	\$83,545,000	\$83,545,000	\$75,460,000	\$83,545,000	\$80,850,000	\$83,545,000	\$983,675,000
Oil extraction tax	79,200,000	81,840,000	81,840,000	79,200,000	81,840,000	79,200,000	81,840,000	81,840,000	73,920,000	81,840,000	79,200,000	81,840,000	963,600,000
Total forecasted	\$160,050,000	\$165,385,000	\$165,385,000	\$160,050,000	\$165,385,000	\$160,050,000	\$165,385,000	\$165,385,000	\$149,380,000	\$165,385,000	\$160,050,000	\$165,385,000	\$1,947,275,000
Variance to forecast													
Gross production tax	\$26,717,220	\$21,935,920	\$17,213,300	\$25,799,569	\$37,098,445	\$42,848,819	\$24,086,271	\$47,965,124	\$52,145,054	\$93,959,030	\$52,653,521	\$68,428,846	\$510,851,119
Oil extraction tax	11,458,655	9,872,749	6,925,214	12,451,629	23,450,430	28,301,240	11,939,137	33,669,048	38,008,842	74,845,569	36,534,607	52,431,385	339,888,505
Total variance	\$38,175,875	\$31,808,669	\$24,138,514	\$38,251,198	\$60,548,875	\$71,150,059	\$36,025,408	\$81,634,172	\$90,153,896	\$168,804,599	\$89,188,128	\$120,860,231	\$850,739,624
Percentage variance	23.9%	19.2%	14.6%	23.9%	36.6%	44.5%	21.8%	49.4%	60.4%	102.1%	55.7%	73.1%	43.7%

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 July 2022. 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													
	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022	July 2022	Biennium-to- Date Total
Billings	\$955,208	\$1,152,614	\$1,193,726	\$1,179,114	\$1,267,773	\$1,177,358	\$616,655	\$1,429,413	\$1,401,209	\$1,367,035	\$1,415,826	\$1,275,670	\$14,431,601
Bottineau	427,050	373,902	246,689	479,183	320,635	518,620	357,393	347,032	405,009	589,807	532,957	609,087	5,207,364
Bowman	900,863	1,027,261	976,248	987,747	1,193,749	1,087,052	975,051	1,116,407	1,174,481	1,543,106	1,217,205	1,622,696	13,821,866
Burke	793,719	773,678	697,044	715,306	790,471	735,580	535,390	775,725	775,455	1,016,078	669,137	1,003,110	9,280,693
Divide	1,413,660	1,433,814	1,250,258	1,440,746	1,477,996	1,541,553	834,936	2,185,253	1,785,605	2,642,551	1,999,158	1,795,588	19,801,118
Dunn	11,929,818	12,057,076	12,434,730	12,392,700	14,170,729	17,116,802	17,150,320	21,001,205	20,658,123	29,331,011	21,597,727	28,125,911	217,966,152
Golden Valley	136,397	130,672	126,631	140,343	137,423	145,134	100,555	149,426	191,626	177,805	146,917	211,478	1,794,407
McHenry	9,164	15,288	12,396	13,501	17,553	14,269	11,344	14,109	17,282	17,538	24,810	19,492	186,746
McKenzie	36,278,657	35,832,466	32,397,656	33,742,561	37,002,749	38,507,201	30,796,643	40,854,641	37,111,623	52,588,800	42,438,941	47,926,642	465,478,580
McLean	0	0	0	0	0	0	0	0	0	0	0	0	0
Mercer	0	0	0	0	0	0	0	0	0	0	0	0	0
Mountrail	11,588,934	12,185,770	11,711,589	12,356,179	14,140,463	14,440,596	13,084,396	14,473,154	14,144,841	18,772,478	14,781,076	13,300,422	164,979,898
Renville	121,663	135,795	121,906	132,217	158,134	138,654	115,236	128,821	167,802	236,599	167,495	224,481	1,848,803
Slope	52,371	65,394	58,884	59,588	74,098	64,888	60,616	59,787	74,044	99,218	82,000	102,025	852,913
Stark	583,663	601,074	579,282	587,684	607,278	602,920	491,363	601,590	694,587	735,561	716,215	370,002	7,171,219
Ward	4,802	3,431	6,334	7,407	5,634	3,701	2,015	4,564	6,279	6,585	4,164	8,565	63,481
Williams	14,935,422	15,541,533	14,073,526	14,831,564	16,968,821	17,513,876	17,351,725	20,765,452	21,404,574	30,787,503	20,595,779	20,505,248	225,275,023
Fort Berthold Reservation	27,435,829	24,151,152	24,871,401	27,583,729	32,309,939	30,090,615	25,147,633	27,603,545	27,592,514	37,592,355	27,114,114	34,873,429	346,366,255
Total	\$107,567,220	\$105,480,920	\$100,758,300	\$106,649,569	\$120,643,445	\$123,698,819	\$107,631,271	\$131,510,124	\$127,605,054	\$177,504,030	\$133,503,521	\$151,973,846	\$1,494,526,119

Oil Extraction Tax Collections													
	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022	July 2022	Biennium-to- Date Total
Billings	\$549,793	\$775,663	\$816,429	\$757,764	\$829,027	\$777,735	\$344,593	\$961,689	\$848,941	\$967,712	\$900,947	\$743,236	\$9,273,529
Bottineau	161,392	129,520	83,673	177,561	128,296	176,180	127,304	140,352	160,127	192,585	159,344	173,539	1,809,873
Bowman	259,903	287,898	272,871	278,266	23,845	278,846	232,696	265,493	282,534	368,466	300,649	381,158	3,232,625
Burke	269,995	313,037	173,372	253,516	247,326	192,850	185,728	226,398	249,908	318,687	169,001	296,012	2,895,830
Divide	452,077	515,143	205,875	456,130	365,201	360,936	279,766	861,779	484,679	1,042,205	826,308	424,316	6,274,415
Dunn	9,907,260	10,814,228	11,353,303	10,964,720	12,539,945	15,212,815	15,427,091	19,030,607	19,023,450	26,919,237	19,788,295	25,986,029	196,966,980
Golden Valley	86,550	81,634	77,989	81,582	83,721	88,278	58,718	82,338	110,428	94,957	98,863	113,520	1,058,578
McHenry	7,094	11,619	11,123	11,298	12,771	12,564	9,753	12,607	14,277	15,859	17,532	14,677	151,174
McKenzie	31,126,202	32,090,846	29,777,926	29,214,766	33,086,013	34,492,003	27,146,411	37,014,943	33,610,574	47,808,463	37,805,899	43,742,885	416,916,931
McLean	0	0	0	0	0	0	0	0	0	0	0	0	0
Mercer	0	0	0	0	0	0	0	0	0	0	0	0	0
Mountrail	9,142,695	9,889,122	9,471,091	10,114,753	11,839,680	11,881,959	10,510,291	11,886,815	11,408,149	14,751,169	11,608,292	10,502,743	133,006,759
Renville	30,046	35,013	31,614	34,476	37,606	30,951	28,755	36,201	61,817	62,649	47,325	55,806	492,259
Slope	0	0	0	0	0	0	0	0	0	0	0	0	0
Stark	201,432	288,347	266,652	271,634	303,452	271,921	201,721	285,149	377,009	275,927	358,008	156,522	3,257,774
Ward	0	0	0	0	0	0	0	0	0	0	0	0	0
Williams	12,286,012	13,090,962	11,951,612	12,290,034	14,238,690	14,402,595	14,827,093	17,943,105	18,314,999	27,154,641	17,418,757	17,608,922	191,527,422
Unallocated	9,166	11,263	9,549	10,796	874	4,630	1,517	905	7,874	3,048	0	0	59,622
Fort Berthold Reservation	26,169,038	23,378,454	24,262,135	26,734,333	31,553,983	29,316,977	24,397,700	26,760,667	26,974,076	36,709,964	26,235,387	34,072,020	336,564,734
Total	\$90,658,655	\$91,712,749	\$88,765,214	\$91,651,629	\$105,290,430	\$107,501,240	\$93,779,137	\$115,509,048	\$111,928,842	\$156,685,569	\$115,734,607	\$134,271,385	\$1,303,488,505

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 July 2022.

	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022	July 2022	Biennium-to- Date Total
Three Affiliated Tribes	\$27,751,081	\$25,096,692	\$26,093,549	\$29,211,024	\$34,139,065	\$31,864,386	\$26,915,516	\$29,160,789	\$28,624,536	\$39,916,513	\$27,320,057	\$34,960,931	\$361,054,139
Legacy fund	51,142,438	51,719,732	49,109,244	50,810,324	57,629,077	59,883,952	52,437,282	65,454,312	63,362,984	88,764,646	66,767,509	75,593,619	732,675,119
North Dakota outdoor heritage fund	0	1,301,277	1,214,190	1,265,053	1,413,337	1,497,731	808,412	0	0	0	0	0	7,500,000
Abandoned well reclamation fund	641,051	650,638	607,095	632,527	706,668	748,866	659,869	831,253	800,100	1,119,293	743,691	0	8,141,051
Political subdivisions	25,907,063	42,044,965	26,560,823	27,926,507	31,014,347	31,417,536	26,771,140	31,828,599	31,135,209	42,245,873	32,391,730	35,914,313	385,158,105
Common schools trust fund	7,710,697	7,952,013	7,601,275	7,740,929	8,856,952	9,191,238	8,066,910	10,131,267	9,793,080	13,776,189	10,262,269	11,734,326	112,817,145
Foundation aid stabilization fund	7,710,697	7,952,013	7,601,275	7,740,929	8,856,952	9,191,238	8,066,910	10,131,267	9,793,080	13,776,189	10,262,269	11,734,326	112,817,145
Resources trust fund ¹	15,806,929	16,301,628	15,582,613	15,868,904	18,156,752	18,842,038	16,537,165	20,769,098	20,075,814	28,241,188	21,037,652	24,055,368	231,275,149
Oil and gas research fund	1,231,118	889,537	1,108,419	1,147,651	1,309,257	1,376,811	1,228,865	1,580,705	1,524,994	2,159,176	943,467	0	14,500,000
State energy research center fund	615,560	444,768	554,210	573,825	654,628	688,406	614,433	790,352	63,818	0	0	0	5,000,000
General fund	59,709,241	42,840,406	53,490,821	43,959,532	0	0	0	67,117,877	74,360,281	58,521,842	0	0	400,000,000
Tax relief fund	0	0	0	11,423,993	63,196,840	66,497,857	58,881,310	0	0	0	0	0	200,000,000
Budget stabilization fund	0	0	0	0	0	0	422,596	9,223,653	0	0	0	0	9,646,249

	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022	July 2022	Biennium-to- Date Total
Lignite research fund	0	0	0	0	0	0	0	0	0	10,000,000	0	0	10,000,000
State disaster relief fund	0	0	0	0	0	0	0	0	0	15,511,903	0	0	15,511,903
Strategic investment and improvements fund	0	0	0	0	0	0	0	0	0	20,156,787	79,509,484	92,252,348	191,918,619
Municipal infrastructure fund	0	0	0	0	0	0	0	0	0	0	0	0	0
County and township infrastructure fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Airport infrastructure fund	0	0	0	0	0	0	0	0	0	0	0	0	0
Total oil tax allocations	\$198,225,875	\$197,193,669	\$189,523,514	\$198,301,198	\$225,933,875	\$231,200,059	\$201,410,408	\$247,019,172	\$239,533,896	\$334,189,599	\$249,238,128	\$286,245,231	\$2,798,014,624
¹ The amounts shown for the resources trust fund include transfers to the following:													
	August 2021	September 2021	October 2021	November 2021	December 2021	January 2022	February 2022	March 2022	April 2022	May 2022	June 2022	July 2022	Biennium-to- Date Total
Energy conservation grant fund	\$79,035	\$81,508	\$77,913	\$79,345	\$90,784	\$94,210	\$82,686	\$103,845	\$100,379	\$141,206	\$105,188	\$120,277	\$1,156,376
Renewable energy development fund	474,208	489,049	467,478	476,067	544,703	548,495	0	0	0	0	0	0	3,000,000
Total transfers	\$553,243	\$570,557	\$545,391	\$555,412	\$635,487	\$642,705	\$82,686	\$103,845	\$100,379	\$141,206	\$105,188	\$120,277	\$4,156,376