



North Dakota Legislative Council

Prepared by the Legislative Council staff
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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 2023. **The forecasted amounts reflect the 2021 legislative revenue forecast**, prepared at the close of the 2021 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 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								
	Fiscal Year 2022	June 2022	July 2022	August 2022	September 2022	October 2022	November 2022	Biennium-to-Date Average
Actual	1,092,564	1,096,783	1,072,632	1,075,307	1,121,063	1,121,754	1,097,716	1,094,223
Forecast	1,100,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,066,667
Variance to forecast	(7,436)	96,783	72,632	75,307	121,063	121,754	97,716	27,556

Average Oil Price - Price Per Barrel								
	Fiscal Year 2022	June 2022	July 2022	August 2022	September 2022	October 2022	November 2022	Biennium-to-Date Average
Posted prices								
Flint Hills Resources	\$78.10	\$111.35	\$96.12	\$90.14	\$81.02	\$83.93	\$82.18	\$82.33
West Texas Intermediate	\$84.08	\$114.34	\$99.39	\$91.48	\$83.80	\$87.03	\$84.39	\$87.19
Price comparison								
Actual	\$81.09	\$112.85	\$97.76	\$90.81	\$82.41	\$85.48	\$83.29	\$84.76
Forecast	50.00	50.00	50.00	50.00	50.00	50.00	50.00	50.00
Variance to forecast	\$31.09	\$62.85	\$47.76	\$40.81	\$32.41	\$35.48	\$33.29	\$34.76

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 2023.

	Fiscal Year 2022	August 2022	September 2022	October 2022	November 2022	December 2022	January 2023	Biennium-to-Date Total
Actual								
Gross production tax	\$1,494,526,119	\$187,510,002	\$159,059,846	\$150,256,655	\$137,700,799	\$142,793,857	\$136,279,093	\$2,408,126,371
Oil extraction tax	1,303,488,505	192,819,750	165,037,468	151,253,803	137,868,980	143,642,145	115,809,141	2,209,919,792
Total actual	\$2,798,014,624	\$380,329,752	\$324,097,314	\$301,510,458	\$275,569,779	\$286,436,002	\$252,088,234	\$4,618,046,163
Forecasted								
Gross production tax	\$983,675,000	\$73,500,000	\$75,950,000	\$75,950,000	\$73,500,000	\$75,950,000	\$73,500,000	\$1,432,025,000
Oil extraction tax	963,600,000	72,000,000	74,400,000	74,400,000	72,000,000	74,400,000	72,000,000	1,402,800,000
Total forecasted	\$1,947,275,000	\$145,500,000	\$150,350,000	\$150,350,000	\$145,500,000	\$150,350,000	\$145,500,000	\$2,834,825,000
Variance to forecast								
Gross production tax	\$510,851,119	\$114,010,002	\$83,109,846	\$74,306,655	\$64,200,799	\$66,843,857	\$62,779,093	\$976,101,371
Oil extraction tax	339,888,505	120,819,750	90,637,468	76,853,803	65,868,980	69,242,145	43,809,141	807,119,792
Total variance	\$850,739,624	\$234,829,752	\$173,747,314	\$151,160,458	\$130,069,779	\$136,086,002	\$106,588,234	\$1,783,221,163
Percentage variance	43.7%	161.4%	115.6%	100.5%	89.4%	90.5%	73.3%	62.9%

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 2023. 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 2022	August 2022	September 2022	October 2022	November 2022	December 2022	January 2023	Biennium-to-Date Total
Billings	\$14,431,601	\$1,601,003	\$1,597,412	\$1,314,990	\$1,095,500	\$1,163,399	\$1,066,951	\$22,270,856
Bottineau	5,207,364	628,896	562,862	550,236	462,352	475,583	451,651	8,338,944
Bowman	13,821,866	1,548,489	1,382,965	1,258,990	1,048,794	1,129,063	995,803	21,185,970
Burke	9,280,693	1,066,865	917,209	837,792	803,733	1,412,638	1,304,910	15,623,840
Divide	19,801,118	2,726,309	2,204,453	2,314,872	1,862,121	2,324,396	2,096,390	33,329,659
Dunn	217,966,152	27,710,502	23,280,485	22,864,907	21,482,400	22,695,712	21,442,345	357,442,503
Golden Valley	1,794,407	204,677	224,075	166,350	139,538	158,737	141,850	2,829,634
McHenry	186,746	22,149	17,616	16,397	13,269	16,324	11,522	284,023
McKenzie	465,478,580	56,004,536	49,499,311	46,303,968	43,508,895	43,289,324	42,061,172	746,145,786
McLean	0	0	0	0	0	0	0	0
Mercer	0	0	0	0	0	0	0	0
Mountrail	164,979,898	25,459,183	19,318,541	18,851,052	17,382,275	18,323,685	17,777,509	282,092,143
Renville	1,848,803	231,217	252,713	187,290	160,462	182,425	172,023	3,034,933
Slope	852,913	101,627	91,128	84,148	67,791	75,547	70,087	1,343,241
Stark	7,171,219	1,218,309	817,254	697,801	671,699	611,868	618,887	11,807,037
Ward	63,481	7,505	9,230	5,989	4,540	5,119	5,860	101,724
Williams	225,275,023	33,340,750	27,590,424	24,964,681	22,463,894	22,845,371	22,749,659	379,229,802
Fort Berthold Reservation	346,366,255	35,637,985	31,294,168	29,837,192	26,533,536	28,084,666	25,312,474	523,066,276
Total	\$1,494,526,119	\$187,510,002	\$159,059,846	\$150,256,655	\$137,700,799	\$142,793,857	\$136,279,093	\$2,408,126,371

Oil Extraction Tax Collections								
	Fiscal Year 2022	August 2022	September 2022	October 2022	November 2022	December 2022	January 2023	Biennium-to- Date Total
Billings	\$9,273,529	\$1,118,432	\$1,051,803	\$926,962	\$721,122	\$820,325	\$643,107	\$14,555,280
Bottineau	1,809,873	225,440	195,721	183,527	164,971	164,179	139,504	2,883,215
Bowman	3,232,625	429,156	377,836	332,692	280,238	296,696	215,955	5,165,198
Burke	2,895,830	371,596	304,699	271,461	250,173	1,034,381	677,775	5,805,915
Divide	6,274,415	1,190,546	864,947	1,059,613	811,574	1,256,018	968,274	12,425,387
Dunn	196,966,980	30,477,006	25,469,464	24,348,733	22,746,444	24,131,237	19,107,526	343,247,390
Golden Valley	1,058,578	128,606	161,351	110,685	102,633	118,481	91,365	1,771,699
McHenry	151,174	17,937	18,443	16,470	13,140	16,430	9,749	243,343
McKenzie	416,916,931	59,394,413	52,605,022	47,203,073	44,254,733	43,861,992	35,990,488	700,226,652
McLean	0	0	0	0	0	0	0	0
Mercer	0	0	0	0	0	0	0	0
Mountrail	133,006,759	23,977,017	19,251,529	18,194,818	16,742,973	17,520,546	14,183,210	242,876,852
Renville	492,259	68,564	79,896	51,445	50,702	57,094	42,512	842,472
Slope	0	0	0	0	0	0	0	0
Stark	3,257,774	609,894	555,305	345,518	349,010	353,685	283,194	5,754,380
Ward	0	0	0	0	0	0	0	0
Williams	191,527,422	33,487,327	27,689,247	24,188,174	21,411,182	22,153,034	18,519,829	338,976,215
Unallocated	59,622	4,450	0	12,005	2,554	6,680	4,140	89,451
Fort Berthold Reservation	336,564,734	41,319,366	36,412,205	34,008,627	29,967,531	31,851,367	24,932,513	535,056,343
Total	\$1,303,488,505	\$192,819,750	\$165,037,468	\$151,253,803	\$137,868,980	\$143,642,145	\$115,809,141	\$2,209,919,792

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 2023.

	Fiscal Year 2022	August 2022	September 2022	October 2022	November 2022	December 2022	January 2023	Biennium-to- Date Total
Three Affiliated Tribes	\$361,054,139	\$38,612,254	\$33,093,228	\$31,364,003	\$28,597,086	\$35,368,160	\$26,217,679	\$554,306,549
Legacy fund	732,675,119	102,738,289	87,478,796	81,201,552	74,227,327	75,439,543	67,859,736	1,221,620,362
North Dakota outdoor heritage fund	7,500,000	0	2,044,251	1,926,711	1,778,676	1,750,362	0	15,000,000
Abandoned well reclamation fund	8,141,051	0	1,022,125	963,356	889,338	917,674	887,733	12,821,277
Political subdivisions	385,158,105	44,421,539	55,935,335	39,553,663	36,042,844	35,834,734	34,890,333	631,836,553
Common schools trust fund	112,817,145	17,251,158	14,757,084	13,486,189	12,296,640	12,500,768	10,291,848	193,400,832
Foundation aid stabilization fund	112,817,145	17,251,158	14,757,084	13,486,189	12,296,640	12,500,768	10,291,848	193,400,832
Resources trust fund ¹	231,275,149	35,364,875	30,252,021	27,646,687	25,208,112	25,626,575	21,098,288	396,471,707
Oil and gas research fund	14,500,000	0	0	0	0	0	0	14,500,000
State energy research center fund	5,000,000	0	0	0	0	0	0	5,000,000
General fund	400,000,000	0	0	0	0	0	2,110	400,002,110
Tax relief fund	200,000,000	0	0	0	0	0	0	200,000,000
Budget stabilization fund	9,646,249	0	0	0	0	0	0	9,646,249
Lignite research fund	10,000,000	0	0	0	0	0	0	10,000,000
State disaster relief fund	15,511,903	0	0	0	0	0	0	15,511,903
Strategic investment and improvements fund	191,918,619	124,690,479	83,390,902	0	0	13,979,130	80,548,659	494,527,789

	Fiscal Year 2022	August 2022	September 2022	October 2022	November 2022	December 2022	January 2023	Biennium-to- Date Total
Municipal infrastructure fund	0	0	683,244	45,941,054	42,116,558	26,259,144	0	115,000,000
County and township infrastructure fund	0	0	683,244	45,941,054	42,116,558	26,259,144	0	115,000,000
Airport infrastructure fund	0	0	0	0	0	20,000,000	0	20,000,000
Total oil tax allocations	\$2,798,014,624	\$380,329,752	\$324,097,314	\$301,510,458	\$275,569,779	\$286,436,002	\$252,088,234	\$4,618,046,163
¹ The amounts shown for the resources trust fund include transfers to the following:								
	Fiscal Year 2022	August 2022	September 2022	October 2022	November 2022	December 2022	January 2023	Biennium-to- Date Total
Energy conservation grant fund	\$1,156,376	\$43,624	\$0	\$0	\$0	\$0	\$0	\$1,200,000
Renewable energy development fund	3,000,000	0	0	0	0	0	0	3,000,000
Total transfers	\$4,156,376	\$43,624	\$0	\$0	\$0	\$0	\$0	\$4,200,000