Table 4. Natural gas gross withdrawals in selected states and the Federal Gulf of Mexico with monthly and annual changes million cubic feet per day

		U.S. Total			Lower 48 States			Alaska	
Report		% change from	% change from		% change from	% change from		% change from	% change fron
month	Production	last month	last year	Production	last month	last year	Production	last month	last yea
Dec-22	121,123	-2.1%	0.9%	110,409	-2.6%	0.9%	10,714	2.9%	1.89
Jan-23	123,214	1.7%	5.3%	112,681	2.1%	5.7%	10,533	-1.7%	1.09
Feb-23	123,415	0.2%	5.8%	112,854	0.2%	6.4%	10,561	0.3%	0.19
Mar-23	124,452	0.8%	5.3%	114,254	1.2%	5.9%	10,198	-3.4%	-0.59
Apr-23	124,312	-0.1%	4.5%	114,240	0.0%	4.9%	10,073	-1.2%	0.89
May-23	124,821	0.4%	4.7%	115,185	0.8%	5.1%	9,637	-4.3%	-0.29
Jun-23	123,993	-0.7%	4.3%	114,856	-0.3%	4.5%	9,137	-5.2%	1.99
Jul-23	123,458	-0.4%	2.4%	115,040	0.2%	3.3%	8,418	-7.9%	-8.09
Aug-23	124,182	0.6%	3.2%	116,447	1.2%	4.4%	7,734	-8.1%	-12.59
Sep-23	125,373	1.0%	2.5%	116,596	0.1%	3.3%	8,776	13.5%	-6.89
Oct-23	126,086	0.6%	2.5%	116,453	-0.1%	2.7%	9,633	9.8%	0.29
Nov-23	128,028	1.5%	3.5%	118,036	1.4%	4.2%	9,993	3.7%	-4.09
Dec-23	128,810	0.6%	6.3%	118,220	0.2%	7.1%	10,590	6.0%	-1.29
		Arkansas			California			Colorado	
Report		% change from	% change from		% change from	% change from		% change from	% change from
month	Production	last month	last year	Production	last month	last year	Production	last month	last yea
Dec-22	1,063	-5.0%	-11.0%	372	-0.6%	2.9%	4,861	-3.7%	-5.59
Jan-23	1,122	5.6%	-3.6%	361	-2.9%	-2.5%	4,902	0.9%	-2.59
Feb-23	1,110	-1.1%	-3.9%	363	0.6%	2.3%	4,834	-1.4%	-4.5%
Mar-23	1,111	0.0%	-5.2%	356	-2.0%	-6.1%	4,847	0.3%	-5.6%
Apr-23	1,097	-1.2%	-6.1%	359	1.0%	-6.3%	4,899	1.1%	-4.5%
May-23	1,087	-0.9%	-5.8%	367	2.1%	-2.9%	4,929	0.6%	-1.19
Jun-23	1,076	-1.0%	-5.9%	364	-0.8%	-4.4%	4,975	0.9%	0.09
Jul-23	1,068	-0.8%	-5.7%	366	0.6%	-4.4%	5,023	1.0%	1.19
Aug-23	1,064	-0.4%	-6.8%	366	0.0%	-7.7%	5,100	1.5%	1.89
Sep-23	1,062	-0.1%	-6.8%	365	-0.3%	-4.0%	5,077	-0.5%	0.49
Oct-23	1,052	-1.0%	-7.1%	356	-2.5%	-5.5%	5,082	0.1%	0.39
Nov-23	1,046	-0.5%	-6.5%	347	-2.5%	-7.2%	5,150	1.3%	2.09
Dec-23	1,035	-1.0%	-2.6%	348	0.2%	-6.4%	5,183	0.7%	6.6%
	Fadau	al Offshore Gulf of I	Maviaa		Kansas			Louisiana	
Report	reuei	% change from	% change from		% change from	% change from		% change from	% change fron
month	Production	last month	last year	Production	last month	last year	Production	last month	last yea
Dec-22	2,126	-2.6%	-4.4%	379	-6.7%	-8.9%	11,489	-3.6%	9.49
Jan-23	2,223	4.6%	5.3%	380	0.2%	-5.6%	11,753	2.3%	14.19
Feb-23	2,164	-2.7%	4.8%	376	-1.1%	-5.3%	12,604	7.2%	21.59
Mar-23	2,131	-1.5%	1.0%	369	-1.8%	-8.2%	11,956	-5.1%	15.89
Apr-23	1,984	-6.9%	-10.2%	374	1.4%	-9.1%	12,134	1.5%	12.09
May-23	1,849	-6.8%	-9.0%	373	-0.4%	-9.9%	12,259	1.0%	9.0%
Jun-23	1,938	4.8%	-10.8%	361	-3.3%	-12.1%	11,540	-5.9%	2.89
Jul-23	2,071	6.9%	-4.8%	354	-1.7%	-13.2%	11,744	1.8%	4.49
Aug-23	1,971	-4.8%	-11.6%	364	2.8%	-11.9%	11,801	0.5%	3.9%
B =0	2,132	8.2%		363		-8.0%	11,739	-0.5%	0.89
Sep-23			-3.2%	303	-0.2%	-0.070			
	2,027	-4.9%	-3.2% -6.8%	365	-0.2%	-13.1%	11,650	-0.8%	-1.47
Sep-23 Oct-23		-4.9%	-6.8%	365	0.4%	-13.1%			
Sep-23	2,027 1,969 1,987						11,650 11,485 11,177	-0.8% -1.4% -2.7%	-1.49 -3.69 -2.79
Sep-23 Oct-23 Nov-23	1,969	-4.9% -2.9% 0.9%	-6.8% -9.8%	365 362	0.4% -0.6% -0.7%	-13.1% -10.9%	11,485	-1.4% -2.7%	-3.6%
Sep-23 Oct-23 Nov-23	1,969	-4.9% -2.9%	-6.8% -9.8% -6.5%	365 362	0.4% -0.6% -0.7% New Mexico	-13.1% -10.9% -5.1%	11,485	-1.4% -2.7% North Dakota	-3.69 -2.79
Sep-23 Oct-23 Nov-23 Dec-23	1,969 1,987	-4.9% -2.9% 0.9% Montana	-6.8% -9.8% -6.5% % change from	365 362	0.4% -0.6% -0.7%	-13.1% -10.9% -5.1% % change from	11,485 11,177	-1.4% -2.7%	-3.69 -2.79 % change fron
Sep-23 Oct-23 Nov-23 Dec-23	1,969	-4.9% -2.9% 0.9% Montana % change from	-6.8% -9.8% -6.5%	365 362 360 Production	0.4% -0.6% -0.7% New Mexico % change from last month	-13.1% -10.9% -5.1% % change from last year	11,485 11,177 Production	-1.4% -2.7% North Dakota % change from last month	-3.69 -2.79 % change from last yea
Sep-23 Oct-23 Nov-23 Dec-23 Report month Dec-22	1,969 1,987 Production 91	-4.9% -2.9% 0.9% Montana % change from last month -22.2%	-6.8% -9.8% -6.5% % change from last year -16.0%	365 362 360 Production 8,186	0.4% -0.6% -0.7% New Mexico % change from last month 1.7%	-13.1% -10.9% -5.1% % change from last year 23.9%	11,485 11,177 Production 2,642	-1.4% -2.7% North Dakota % change from last month -13.0%	-3.69 -2.79 % change from last year -12.89
Sep-23 Oct-23 Nov-23 Dec-23 Report month Dec-22 Jan-23	1,969 1,987 Production 91 123	-4.9% -2.9% 0.9% Montana % change from last month -22.2% 34.5%	-6.8% -9.8% -6.5% % change from last year -16.0% 13.4%	365 362 360 Production 8,186 8,294	0.4% -0.6% -0.7% New Mexico % change from last month 1.7% 1.3%	-13.1% -10.9% -5.1% % change from last year 23.9% 27.2%	11,485 11,177 Production 2,642 2,861	-1.4% -2.7% North Dakota % change from last month -13.0% 8.3%	-3.6' -2.7' % change froi last yea -12.8' 0.7'
Sep-23 Oct-23 Nov-23 Dec-23 Report month Dec-22 Jan-23 Feb-23	1,969 1,987 Production 91 123 124	-4.9% -2.9% 0.9% Montana % change from last month -22.2% 34.5% 1.1%	-6.8% -9.8% -6.5% % change from last year -16.0% 13.4% 11.0%	365 362 360 Production 8,186 8,294 8,408	0.4% -0.6% -0.7% New Mexico % change from last month 1.7% 1.3% 1.4%	-13.1% -10.9% -5.1% % change from last year 23.9% 27.2% 26.0%	11,485 11,177 Production 2,642 2,861 3,068	-1.4% -2.7% North Dakota % change from last month -13.0% 8.3% 7.2%	-3.69 -2.79 % change from last year -12.89 0.79 6.79
Sep-23 Oct-23 Nov-23 Dec-23 Report month Dec-22 Jan-23 Feb-23 Mar-23	1,969 1,987 Production 91 123 124 124	-4.9% -2.9% 0.9% Montana % change from last month -22.2% 34.5% 1.1% -0.4%	-6.8% -9.8% -6.5% % change from last year -16.0% 13.4% 11.0% 7.7%	365 362 360 Production 8,186 8,294 8,408 8,739	0.4% -0.6% -0.7% New Mexico % change from last month 1.7% 1.3% 1.4% 3.9%	-13.1% -10.9% -5.1% % change from last year 23.9% 27.2% 26.0% 23.1%	11,485 11,177 Production 2,642 2,861 3,068 3,045	-1.4% -2.7% North Dakota % change from last month -13.0% 8.3% 7.2% -0.8%	-3.6' -2.7' % change froi last yea -12.8' 0.7' 6.7'
Sep-23 Oct-23 Nov-23 Dec-23 Report month Dec-22 Jan-23 Feb-23 Mar-23 Apr-23	1,969 1,987 Production 91 123 124 124 125	-4.9% -2.9% 0.9% Montana % change from last month -22.2% 34.5% 1.1% -0.4% 0.7%	-6.8% -9.8% -6.5% % change from last year -16.0% 13.4% 11.0% 7.7% 9.6%	365 362 360 Production 8,186 8,294 8,408 8,739 8,725	0.4% -0.6% -0.7% New Mexico % change from last month 1.7% 1.3% 1.4% 3.9% -0.2%	-13.1% -10.9% -5.1% % change from last year 23.9% 27.2% 26.0% 23.1% 20.0%	11,485 11,177 Production 2,642 2,861 3,068 3,045 3,122	-1.4% -2.7% North Dakota % change from last month -13.0% 8.3% 7.2% -0.8% 2.6%	-3.6 -2.7 % change froi last yea -12.8 0.7 6.7 1.1 27.3
Sep-23 Oct-23 Nov-23 Dec-23 Report month Dec-22 Jan-23 Feb-23 Mar-23 Apr-23 May-23	1,969 1,987 Production 91 123 124 124 125 124	-4.9% -2.9% 0.9% Montana % change from last month -22.2% 34.5% 1.1% -0.4% 0.7% -0.4%	-6.8% -9.8% -6.5% % change from last year -16.0% 13.4% 11.0% 7.7% 9.6% 11.7%	365 362 360 Production 8,186 8,294 8,408 8,739 8,725 8,577	0.4% -0.6% -0.7% New Mexico % change from last month 1.7% 1.3% 1.4% 3.9% -0.2% -1.7%	-13.1% -10.9% -5.1% % change from last year 23.9% 27.2% 26.0% 23.1% 20.0% 18.0%	11,485 11,177 Production 2,642 2,861 3,068 3,045 3,122 3,168	-1.4% -2.7% North Dakota % change from last month -13.0% 8.3% 7.2% -0.8% 2.6% 1.5%	-3.6 -2.7 % change froi last yea -12.8 0.7 6.7 1.1 27.3 13.6
Sep-23 Oct-23 Nov-23 Dec-23 Report month Dec-22 Jan-23 Feb-23 Mar-23 Apr-23 May-23 Jun-23	1,969 1,987 Production 91 123 124 125 124 125	-4.9% -2.9% 0.9% Montana % change from last month -22.2% 34.5% 1.1% -0.4% 0.7% -0.4% 0.2%	-6.8% -9.8% -6.5% % change from last year -16.0% 13.4% 11.0% 7.7% 9.6% 11.7% 4.9%	365 362 360 Production 8,186 8,294 8,408 8,739 8,725 8,577 8,494	0.4% -0.6% -0.7% New Mexico % change from last month 1.7% 1.3% 1.4% 3.9% -0.2% -1.7% -1.0%	-13.1% -10.9% -5.1% % change from last year 23.9% 27.2% 26.0% 23.1% 20.0% 18.0% 17.5%	11,485 11,177 Production 2,642 2,861 3,068 3,045 3,122 3,168 3,266	-1.4% -2.7% North Dakota % change from last month -13.0% 8.3% 7.2% -0.8% 2.6% 1.5% 3.1%	-3.6' -2.7' % change froi last yea -12.8' 0.7' 6.7' 27.3' 13.6' 6.8'
Sep-23 Oct-23 Nov-23 Dec-23 Report month Dec-22 Jan-23 Feb-23 Mar-23 Apr-23 Jun-23 Jul-23	1,969 1,987 Production 91 123 124 125 124 125 124	-4.9% -2.9% 0.9% Montana % change from last month -22.2% 34.5% 1.1% -0.4% 0.7% -0.4% 0.2% -1.0%	-6.8% -9.8% -6.5% % change from last year -16.0% 13.4% 11.0% 7.7% 9.6% 11.7% 4.9% 5.5%	365 362 360 Production 8,186 8,294 8,408 8,739 8,725 8,577 8,494 8,619	0.4% -0.6% -0.7% New Mexico % change from last month 1.7% 1.3% 1.4% 3.9% -0.2% -1.7% -1.0% 1.5%	-13.1% -10.9% -5.1% % change from last year 23.9% 27.2% 26.0% 23.1% 20.0% 18.0% 17.5% 16.4%	11,485 11,177 Production 2,642 2,861 3,068 3,045 3,122 3,168 3,266 3,325	-1.4% -2.7% North Dakota % change from last month -13.0% 8.3% 7.2% -0.8% 2.6% 1.5% 3.1% 1.8%	-3.6' -2.7' % change froi last yea -12.8' 0.7' 6.7' 1.1' 27.3' 13.6' 6.8' 7.1'
Sep-23 Oct-23 Nov-23 Dec-23 Report month Dec-22 Jan-23 Feb-23 Mar-23 Apr-23 Jun-23 Jul-23 Aug-23	1,969 1,987 Production 91 123 124 125 124 125 123 127	-4.9% -2.9% 0.9% Montana % change from last month -22.2% 34.5% 1.1% -0.4% 0.7% -0.4% 0.2% -1.0% 2.9%	-6.8% -9.8% -6.5% % change from last year -16.0% 13.4% 11.0% 7.7% 9.6% 11.7% 4.9% 5.5% 3.8%	365 362 360 Production 8,186 8,294 8,408 8,739 8,725 8,577 8,494 8,619 8,815	0.4% -0.6% -0.7% New Mexico % change from last month 1.7% 1.3% 1.4% 3.9% -0.2% -1.7% -1.0% 1.5% 2.3%	-13.1% -10.9% -5.1% % change from last year 23.9% 27.2% 26.0% 23.1% 20.0% 18.0% 17.5% 16.4% 18.2%	11,485 11,177 Production 2,642 2,861 3,068 3,045 3,122 3,168 3,266 3,325 3,350	-1.4% -2.7% North Dakota % change from last month -13.0% 8.3% 7.2% -0.8% 2.6% 1.5% 3.1% 1.8% 0.8%	-3.66 -2.79 % change from last year -12.88 0.79 6.79 1.11 27.33 13.66 6.88 7.11 8.66
Sep-23 Oct-23 Nov-23 Dec-23 Report month Dec-22 Jan-23 Feb-23 Mar-23 Apr-23 May-23 Jun-23 Jul-23 Aug-23 Sep-23	1,969 1,987 Production 91 123 124 125 125 123 127	-4.9% -2.9% 0.9% Montana % change from last month -22.2% 34.5% -0.4% -0.4% -0.2% -1.0% -2.9% -0.0%	-6.8% -9.8% -6.5% % change from last year -16.0% 13.4% 11.0% 7.7% 9.6% 11.7% 4.9% 5.5% 3.8% 3.1%	365 362 360 Production 8,186 8,294 8,408 8,739 8,725 8,577 8,494 8,619 8,815 8,912	0.4% -0.6% -0.7% New Mexico % change from last month 1.7% 1.3% -0.2% -1.7% -1.0% 1.5% 2.3% 1.1%	-13.1% -10.9% -5.1% % change from last year 23.9% 27.2% 26.0% 23.1% 20.0% 18.0% 17.5% 16.4% 18.2% 14.8%	11,485 11,177 Production 2,642 2,861 3,045 3,122 3,168 3,266 3,325 3,350 3,483	-1.4% -2.7% North Dakota % change from last month -13.0% -0.8% -0.8% -0.5% -0.15% -0.8% -0.8% -0.8% -0.8% -0.8% -0.8% -0.8% -0.8% -0.8% -0.8% -0.8%	-3.6% -2.79 % change from last yea -12.8% 0.7% 6.79 1.19 27.3% 13.69 6.8% 7.11 8.69 9.7%
Sep-23 Oct-23 Nov-23 Dec-23 Report month Dec-22 Jan-23 Feb-23 Mar-23 Apr-23 Jun-23 Jul-23 Aug-23	1,969 1,987 Production 91 123 124 125 124 125 123 127	-4.9% -2.9% 0.9% Montana % change from last month -22.2% 34.5% 1.1% -0.4% 0.7% -0.4% 0.2% -1.0% 2.9%	-6.8% -9.8% -6.5% % change from last year -16.0% 13.4% 11.0% 7.7% 9.6% 11.7% 4.9% 5.5% 3.8%	365 362 360 Production 8,186 8,294 8,408 8,739 8,725 8,577 8,494 8,619 8,815	0.4% -0.6% -0.7% New Mexico % change from last month 1.7% 1.3% 1.4% 3.9% -0.2% -1.7% -1.0% 1.5% 2.3%	-13.1% -10.9% -5.1% % change from last year 23.9% 27.2% 26.0% 23.1% 20.0% 18.0% 17.5% 16.4% 18.2%	11,485 11,177 Production 2,642 2,861 3,068 3,045 3,122 3,168 3,266 3,325 3,350	-1.4% -2.7% North Dakota % change from last month -13.0% 8.3% 7.2% -0.8% 2.6% 1.5% 3.1% 1.8% 0.8%	-3.69 -2.79 % change from last yea -12.89 0.79 6.79 1.19 27.39 13.69 6.89 7.19

See notes and sources at end of table.

Table 4. Natural gas gross withdrawals in selected states and the Federal Gulf of Mexico with monthly and annual changes (continued) million cubic feet per day

	Ohio			Oklahoma			Pennsylvania		
Report month	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year
Dec-22	6,140	0.0%	-4.8%	7,627	-2.5%	5.8%	20,142	-1.4%	-7.9%
Jan-23	6,393	4.1%	3.8%	7,788	2.1%	11.6%	20,860	3.6%	-1.7%
Feb-23	6,247	-2.3%	1.4%	7,779	-0.1%	10.8%	20,455	-1.9%	-0.8%
Mar-23	6,438	3.1%	4.5%	7,758	-0.3%	6.8%	20,721	1.3%	1.3%
Apr-23	6,252	-2.9%	3.1%	7,743	-0.2%	2.6%	20,655	-0.3%	0.8%
May-23	6,165	-1.4%	1.6%	7,663	-1.0%	0.9%	20,907	1.2%	1.5%
Jun-23	5,992	-2.8%	-1.2%	7,774	1.4%	0.9%	20,930	0.1%	1.8%
Jul-23	6,098	1.8%	-2.2%	7,691	-1.1%	-0.3%	20,750	-0.9%	-0.1%
Aug-23	6,297	3.3%	1.0%	7,629	-0.8%	-0.9%	20,922	0.8%	2.1%
Sep-23	6,286	-0.2%	0.8%	7,808	2.3%	-1.6%	20,559	-1.7%	-0.3%
Oct-23	6,031	-4.1%	-1.8%	7,738	-0.9%	-2.4%	20,677	0.6%	0.6%
Nov-23	6,190	2.6%	0.8%	7,652	-1.1%	-2.1%	21,453	3.8%	5.0%
Dec-23	6,025	-2.7%	-1.9%	7,588	-0.8%	-0.5%	21,591	0.6%	7.2%

	Texas				Utah			West Virginia		
Report month	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year	
Dec-22	31,878	-2.5%	2.3%	734	3.0%	10.3%	8,178	-3.9%	7.1%	
Jan-23	32,350	1.5%	5.9%	722	-1.5%	7.4%	8,288	1.3%	9.4%	
Feb-23	32,256	-0.3%	6.2%	680	-5.9%	2.1%	8,271	-0.2%	10.4%	
Mar-23	33,222	3.0%	6.6%	737	8.3%	5.9%	8,601	4.0%	11.4%	
Apr-23	33,311	0.3%	5.2%	756	2.6%	6.4%	8,534	-0.8%	8.7%	
May-23	33,955	1.9%	7.2%	778	2.9%	7.8%	8,654	1.4%	8.5%	
Jun-23	33,910	-0.1%	7.6%	814	4.7%	11.8%	8,869	2.5%	10.6%	
Jul-23	34,052	0.4%	6.2%	783	-3.9%	6.8%	9,032	1.8%	11.3%	
Aug-23	34,439	1.1%	6.7%	815	4.1%	6.8%	9,119	1.0%	10.6%	
Sep-23	34,529	0.3%	5.8%	823	1.0%	12.7%	8,965	-1.7%	9.4%	
Oct-23	34,563	0.1%	5.4%	834	1.3%	16.3%	9,171	2.3%	13.0%	
Nov-23	34,776	0.6%	6.3%	867	4.0%	21.6%	9,419	2.7%	10.7%	
Dec-23	34,914	0.4%	9.5%	866	0.0%	18.1%	9,520	1.1%	16.4%	

		Wyoming		Other States				
Report month	Production	% change from last month	% change from last year	Production	% change from last month	% change from last year		
Dec-22	3,426	-6.0%	-6.7%	1,074	-3.9%	-11.5%		
Jan-23	3,224	-5.9%	-10.5%	1,037	-3.5%	2.3%		
Feb-23	3,118	-3.3%	-12.7%	996	-3.9%	-12.4%		
Mar-23	3,183	2.1%	-10.4%	918	-7.9%	-18.7%		
Apr-23	3,146	-1.2%	-11.8%	1,023	11.4%	-4.4%		
May-23	3,319	5.5%	-4.7%	1,010	-1.3%	-4.6%		
Jun-23	3,366	1.4%	-3.7%	1,061	5.1%	-0.3%		
Jul-23	2,870	-14.7%	-20.9%	1,070	0.9%	-6.3%		
Aug-23	3,208	11.8%	-7.6%	1,061	-0.8%	-3.5%		
Sep-23	3,299	2.9%	-7.1%	1,066	0.5%	-3.9%		
Oct-23	3,450	4.6%	-5.9%	1,061	-0.5%	-3.1%		
Nov-23	3,552	3.0%	-2.6%	1,049	-1.1%	-6.1%		
Dec-23	3,512	-1.1%	2.5%	1,031	-1.8%	-4.1%		

Notes: The "Other States" category comprises the following states/areas that are not individually collected on Form EIA-914: Alabama, Arizona, Federal Offshore Pacific waters, Florida, Idaho, Illinois, Indiana, Kentucky, Maryland, Michigan, Mississippi, Missouri, Nebraska, Nevada, New York, Oregon, South Dakota, Tennessee, and Virginia.

For data prior to 2023, Federal Offshore Pacific production is included in California.

The sum of individual states/areas may not equal total U.S. volumes due to independent rounding.

Data are subject to revision.

Sources: All data for Alaska are sourced directly from Alaska Oil and Gas Conservation Commission.

For 2023, natural gas gross withdrawals have been estimated from data collected on Form EIA-914, Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report.

For 2022, volumes originally estimated from EIA-914 have typically been revised using data sourced from various state regulatory agencies and the Bureau of Safety and Environmental Enforcement (BSEE). Commercial data sources may also have been used for revision purposes (e.g., Enverus, S&P Global).