

Aggregated Data of OCS Oil and Gas Industry Activities (e.g. production and drilling levels), Work Hours, Incidents, Inspections and Compliance : 2010-2021

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Units	Source
Well Operations*														
Active Rigs	124	104	110	113	132	113	81	66	62	71	68	54	unique rig cour	NCIS
Total Wells Spud	258	247	354	341	350	216	138	153	193	162	111	117	wells	TIMS
Participants' Wells Spud **	214	221	354	332	319	216	138	153	193	162	111	117	wells	TIMS
Non-Rig Well Activity	28	82	216	299	396	694	707	602	605	456	318	425	blocks with activity	NCIS
Total OCS Production Platform count														
Major	1,613	1,520	1,398	1,315	1,258	1,157	1,168	1,063	1,008	916	872	839	platforms	TIMS
Minor	1,776	1,620	1,474	1,338	1,247	1,161	1,160	1,069	1,017	895	884	843	platforms	TIMS
Participants' Platform count **														
Major	1,375	1,337	1,329	1,285	1,078	1,152	1,165	1,063	995	892	842	810	platforms	TIMS
Minor	1,398	1,409	1,372	1,245	1,054	1,158	1,056	1,069	1,011	825	810	775	platforms	TIMS
Inspectors (average number)	77	103	110	135	133	137	145	147	136	130	133	130	inspectors	Region Staff
OCS Production Inspections														
Inspection Visits Performed	4,057	3,541	3,798	3,967	3,795	3,539	3,597	3,072	3,151	2,949	2,875	2,530	visits	TIMS
Inspections Conducted	8,769	7,568	8,048	8,036	7,416	5,804	6,338	6,635	7,972	10,293	9,977	9,234	inspection type	TIMS
OCS Rig / non-Rig Inspections														
Inspection Visits Performed	745	876	1,340	1,205	1,135	1,305	1,069	1,230	1,080	1,106	911	671	visits	TIMS
Inspections Conducted	1,372	1,650	2,657	2,604	2,508	2,654	2,188	2,652	2,301	2,202	1,969	1,718	inspection type	TIMS
Total Inspections Conducted	10,141	9,218	10,705	10,640	9,924	8,458	8,526	9,287	10,273	12,495	11,946	10,952		
Inspections per Inspector	131.7	89.5	97.3	78.8	74.6	61.7	58.8	63.2	75.5	96.1	89.8	84.2		
Total OCS INCs														
Well Operations	112	257	307	298	261	246	282	111	120	123	43	47	INCs	TIMS
Production	2,795	2,288	2,406	2,486	2,642	2,430	2,179	1,481	1,231	1,512	636	1,504	INCs	TIMS
Total OCS Components Inspected***	60,164	56,998	66,441	63,310	60,342	69,972	70,668	64,094	76,264	87,675	85,745	89,200	components	TIMS
Total OCS Losses of Well Control (formerly, "Blowouts")	2	5	4	7	4	2	2	0	1	2	1	4	loss of well control events	TIMS
Total OCS Fires	130	106	141	109	121	92	82	71	77	84	87	118	fire events	TIMS
Number of Oil Spills****														
<1 bbl Participants' Data **	589	575	601	723	736	536	424	505	450	571	436	515	spills	Form 0131
> 1 to < 50bbbls	17	8	19	10	37	43	7	4	7	10	3	9	spills	TIMS
> 50 bbbls	5	5	3	1	5	10	1	1	0	0	1	2	spills	TIMS
Volume of Oil Spills														
<1 bbl Participants' Data **	58.92	55.79	66.33	38.53	25.96	37.3	10.68	30.69	12.5	25.52	14.15	38.4	bbbls	Form 0131
> 1 to < 50bbbls	122.25	18.17	123.25	27	104.5	141.6	62.19	45.86	38.35	46.15	6.05	63.7	bbbls	TIMS
> 50 bbbls****	4,928,249	164	511	15	153	444	2,100	16,152	0	0	479	1040	bbbls*	TIMS
EPA NPDES Noncompliances *****	320	273	288	300	346	257	211	165	251	129	99	195		Form 0131

* Drilling Rigs are large structures used to drill, workover, complete or decommission different types of wells; Non-Rig well activity involves well maintenance operations including coil tubing, snubbing, stripping, hydraulic workover, and intervention.

BSEE tracks the blocks where non-rig well activity was performed during each calendar year, but does not record information on the vessel from which the activity was performed.

** Any data listed as "Participants' Data" is a subset of the OCS data applicable to only those companies that submitted a BSEE 0131 form for that year.

*** The method used to count inspected components changed starting 2018; complex production equipment previously counted as one component started being counted as multiple components.

**** Oil Spill data in this table are the number and volume of reported oil spills from ongoing operations regulated by BSEE; it excludes data for drilling mud and other chemical spills.

***** The CY2010 total volume of oil spilled includes the estimated volume from the Deepwater Horizon Explosion, 4,928,100 bbbls. This estimate was provided from the Deepwater Horizon Incident Specific Preparedness Review (ISPR) report

located here: <https://homeport.uscg.mil/Lists/Content/Attachments/1040/DWH%20ISPR%202011.pdf>. CY2010 was the first year of mandatory reporting for OCS operators.

***** Starting CY 2019, EPA NPDES Noncompliances were obtained from the EPA ECHO database and entered by BSEE into the BSEE 0131 form.

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	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Units	Source
OCS Total Production*														
Oil & Condensate Production	589,673,724	502,571,811	483,092,086	478,274,670	529,574,583	565,060,878	592,045,129	619,545,038	646,587,511	697,531,169	609,277,476	627,293,473	bbls	TIMS
Gas Production	2,321,325,127	1,900,969,834	1,585,120,564	1,385,038,956	1,336,186,008	1,354,374,570	1,257,366,184	1,111,976,333	999,009,779	1,042,966,748	1,004,418,491	797,040,600	MCF	TIMS
BOE Production**	1,003,162,347	841,184,179	765,443,451	724,986,276	768,187,749	806,922,118	818,720,122	820,009,493	827,436,493	877,353,022	782,453,078	769,627,235	BOE	TIMS

Participants' Production***														
Oil & Condensate Production	512,007,419	375,681,728	429,094,314	375,065,577	526,076,953	565,014,397	590,150,137	619,545,038	646,587,511	697,398,835	609,277,476	621,334,124	bbls	TIMS
% Oil Production	87.10%	97.40%	99.90%	95.30%	99.60%	100.00%	99.70%	100.00%	100.00%	99.98%	100.00%	99.02%		
Gas Production	1,853,446,414	1,432,476,210	1,413,773,357	1,119,959,453	1,292,731,723	1,326,072,258	1,219,673,887	1,111,976,333	999,009,779	1,042,735,756	1,004,418,491	792,856,186	MCF	TIMS
% Gas Production	80.69%	94.94%	98.89%	97.61%	97.02%	99.99%	99.83%	100.00%	100.00%	99.98%	100.00%	99.48%		
BOE Production**	842,154,625	630,843,148	680,924,267	574,559,601	756,930,148	801,821,472	810,030,052	820,009,493	827,436,493	877,180,862	782,453,078	762,920,644	BOE	
Participants' % BOE Production	83.95%	74.99%	88.96%	79.25%	98.53%	99.37%	98.94%	100.00%	100.00%	99.98%	100.00%	99.13%		

COMBINED OPERATIONS															
Overall Hours Worked	94,378,882	124,954,163	122,042,755	115,838,225	126,533,156	106,659,872	78,349,792	68,158,237	69,193,228	71,169,369	50,400,226	60,153,374	hrs	Form 0131	
Company	12,178,073	12,608,954	13,465,137	15,145,538	16,003,738	15,532,381	14,865,663	13,579,952	11,079,100	12,363,383	10,565,101	11,615,261	hrs	Form 0131	
Contractor	82,200,809	112,345,209	108,577,618	100,692,687	110,529,418	91,127,491	63,484,129	54,578,285	58,114,128	58,805,986	39,835,125	48,538,113	hrs	Form 0131	
Contractor % of Total	87.1%	89.9%	89.0%	86.9%	87.4%	85.4%	81.0%	80.1%	84.0%	82.6%	79.0%	80.7%			
Occupational Fatalities - total reported to BSEE	12	2	3	2	1	1	1	1	1	1	6	4	2	count	TIMS
Number under BSEE jurisdiction****	11	2	2	2	1	1	1	1	1	1	2	3	2	count	TIMS
Recordable Injuries/Illnesses (Non-DART*****)	375	466	400	353	307	251	192	179	122	94	69	89	89	count	Form 0131
Company	58	40	45	37	40	29	32	34	27	22	14	26	26	count	Form 0131
Contractor	317	426	355	316	267	222	160	145	92	72	55	63	63	count	Form 0131
Contractor % of Total	84.5%	91.4%	88.8%	89.5%	87.0%	88.4%	83.3%	81.0%	75.4%	76.6%	79.7%	70.8%			
Overall DART Cases*****	214	271	235	193	207	143	109	109	107	107	140	244	count	Form 0131	
Company	28	28	28	26	42	18	24	23	21	23	45	89	count	Form 0131	
Contractor	186	243	207	167	165	125	85	86	86	84	95	155	count	Form 0131	
Contractor % of Total	86.9%	89.7%	88.1%	86.5%	79.7%	87.4%	78.0%	78.9%	80.4%	78.5%	67.9%	63.5%			

* Production figures represent a snapshot in time - they are current at the time data is extracted from the BSEE TIMS database. Prior year production figures may differ from previous versions of this publication as those data are periodically updated.

** Barrels of Oil Equivalent (BOE) production is the sum of oil and condensate production in Barrels (BBL) plus gas converted to BOE based on a factor that has changed as follows: 5.614MCF/BOE for 2013 and prior, 5.5998 for 2014/2015, 5.5470 for 2016/2017, 5.524 for 2018, 5.8 for 2019 forward

*** Any data listed as "Participants' Data" is a subset of the OCS data applicable to only those companies that submitted a BSEE 0131 form for that year.

**** The line above reflects all occupational fatalities that are reported to BSEE. Fatalities associated with diving, helicopter, and lifeboat incidents are investigated by other federal agencies and are not reflected in this line. We also exclude non-occupational fatalities reported to BSEE, such as from activities conducted during non-work shift hours or from a chronic pre-existing condition.

***** Beginning 2018 and finalized with a revised form in 2019, BSEE clarified that non-DART recordable injuries should be reported separately from DART recordables. In the past some operators interpreted the "Recordables" line on BSEE-0131 as a request for "Total Recordables" and some interpreted it as a request for "Non-DART Recordables" since there was already a separate line for DART data (the form never specified whether to enter Total or non-DART Recordables).

***** In 2020, operators reported 62 DART illnesses as a result of the COVID-19 pandemic via Form BSEE-0131. Without these, the total DART cases for 2020 would have been 78 DART injuries.

Aggregated Data of OCS Oil and Gas Industry Activities (e.g. production and drilling levels), Work Hours, Incidents, Inspections and Compliance : 2010-2021

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Units	Source
PRODUCTION														
Production Hours Worked	40,807,636	52,820,177	42,808,914	39,345,977	41,921,065	37,118,208	33,233,704	28,795,438	30,528,684	32,800,472	22,357,368	29,481,987	hrs	Form 0131
Company	10,461,124	10,218,918	10,264,158	10,742,080	12,123,245	11,239,065	10,824,966	8,723,721	7,711,157	8,531,813	7,445,268	8,139,893	hrs	Form 0131
Contractor	30,346,512	42,601,259	32,544,756	28,603,897	29,797,820	25,879,143	22,408,738	20,071,717	23,090,972	24,268,659	14,912,100	21,342,094	hrs	Form 0131
Contractor % of Total	74.4%	80.7%	76.0%	72.7%	71.1%	69.7%	67.4%	69.7%	75.6%	74.0%	66.7%	72.4%		
Production Recordables (non-DART* ***)	165	186	158	111	101	81	84	82	63	45	35	58	count	Form 0131
Company	57	37	43	32	37	23	30	28	25	20	13	25	count	Form 0131
Contractor	108	149	115	79	64	58	54	54	38	25	22	33	count	Form 0131
Contractor % of Total	65.5%	80.1%	72.8%	71.2%	63.4%	71.6%	64.3%	65.9%	60.3%	55.6%	62.9%	55.3%		
Production DART Cases *, **	86	117	88	74	78	54	51	55	51	42	72	184	count	Form 0131
Company	27	27	24	22	31	14	19	18	20	22	35	77	count	Form 0131
Contractor	59	90	64	52	47	40	32	37	31	20	37	107	count	Form 0131
Contractor % of Total	68.6%	76.9%	72.7%	70.3%	60.3%	74.1%	62.7%	67.3%	60.8%	47.6%	51.4%	58.2%		
DRILLING, WORKOVER, & ALLIED SERVICES														
Drilling Hours Worked	33,924,778	44,268,235	58,482,755	53,933,620	57,094,662	51,072,279	33,295,268	27,063,116	26,598,952	25,762,709	19,569,137	17,723,325	hrs	Form 0131
Company	1,001,431	1,319,488	2,110,146	2,489,053	2,217,106	2,840,746	2,515,698	2,134,298	1,795,394	1,806,610	1,815,734	1,545,929	hrs	Form 0131
Contractor	32,923,347	42,948,747	56,372,609	51,444,567	54,877,556	48,231,533	30,779,570	24,928,818	25,332,245	23,956,099	17,753,403	16,177,396	hrs	Form 0131
Contractor % of Total	97.0%	97.0%	96.4%	95.4%	96.1%	94.4%	92.4%	92.1%	95.2%	93.0%	90.7%	91.3%		
Drilling Recordables (non-DART* ***)	159	188	181	173	145	137	85	82	41	33	23	23	count	Form 0131
Company	0	3	1	3	2	3	2	6	2	1	0	0	count	Form 0131
Contractor	159	185	180	170	143	134	83	76	36	32	23	23	count	Form 0131
Contractor % of Total	100.0%	98.4%	99.4%	98.3%	98.6%	97.8%	97.6%	92.7%	87.8%	97.0%	100.0%	100.0%		
Drilling DART Cases *, **	101	102	110	98	97	73	45	44	38	51	54	43	count	Form 0131
Company	1	1	3	3	10	3	2	5	1	0	8	8	count	Form 0131
Contractor	100	101	107	95	87	70	43	39	37	51	46	35	count	Form 0131
Contractor % of Total	99.0%	99.0%	97.3%	96.9%	89.7%	95.9%	95.6%	88.6%	97.4%	100.0%	85.2%	81.4%		
CONSTRUCTION														
Construction Hours Worked	19,646,468	27,865,751	20,751,086	22,558,628	27,517,429	18,469,385	11,820,820	12,299,683	11,261,952	12,606,188	8,473,721	12,950,062	hrs	Form 0131
Company	715,518	1,070,548	1,090,833	1,914,405	1,663,387	1,452,570	1,524,999	2,721,933	1,572,549	2,024,960	1,304,099	1,929,439	hrs	Form 0131
Contractor	18,930,950	26,795,203	19,660,253	20,644,223	25,854,042	17,016,815	10,295,821	9,577,750	9,690,911	10,581,228	7,169,622	11,020,623	hrs	Form 0131
Contractor % of Total	96.4%	96.2%	94.7%	91.5%	94.0%	92.1%	87.1%	77.9%	86.1%	83.9%	84.6%	85.1%		
Construction Recordables (non-DART* ***)	51	92	61	69	61	33	23	15	18	16	11	8	count	Form 0131
Company	1	0	1	2	1	3	0	0	0	1	1	1	count	Form 0131
Contractor	50	92	60	67	60	30	23	15	18	15	10	7	count	Form 0131
Contractor % of Total	98.0%	100.0%	98.4%	97.1%	98.4%	90.9%	100.0%	100.0%	100.0%	93.8%	90.9%	90.0%		
Construction DART Cases * **	27	52	37	21	32	16	13	10	18	14	14	17	count	Form 0131
Company	0	0	1	1	1	1	3	0	0	1	2	4	count	Form 0131
Contractor	27	52	36	20	31	15	10	10	18	13	12	13	count	Form 0131
Contractor % of Total	100.0%	100.0%	97.3%	95.2%	96.9%	93.8%	76.9%	100.0%	100.0%	92.9%	85.7%	76.5%		

* Beginning 2018 and finalized with a revised form in 2019, BSEE clarified that non-DART recordable injuries should be reported separately from DART recordables. In the past some operators interpreted the "Recordables" line on BSEE-0131 as a request for "Total Recordables" and some interpreted it as a request for "Non-DART Recordables" since there was already a separate line for DART data (the form never specified whether to enter Total or non-DART Recordables).

** In 2021, operators reported 65 employee DART illnesses and 98 contractor DART illnesses as a result of the COVID-19 pandemic via Form BSEE-0131. Without these, the total DART cases for 2021 would have been:

- + Production: 21 DART injuries
- + Drilling: 34 DART injuries
- + Construction: 10 DART injuries

*** In 2021, operators reported 17 employee Non-DART illnesses and 4 contractor Non-DART illnesses as a result of the COVID-19 pandemic via Form BSEE-0131. Without these, the total Non-DART cases for 2021 would have been:

- + Production: 38 Non-DART injuries
- + Drilling: 23 Non-DART injuries
- + Construction: 7 Non-DART injuries

Aggregated Data of OCS Oil and Gas Industry Activities (e.g. production and drilling levels), Work Hours, Incidents, Inspections and Compliance : 2010-2021

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2020 (discount COVID)	2021 (discount COVID)
Total Recordable Injury/Illness Rate*														
Combined Operations	1.25	1.18	1.04	0.94	0.81	0.74	0.77	0.85	0.66	0.56	0.83	1.11	0.58	0.49
Production	1.23	1.15	1.15	0.94	0.85	0.73	0.81	0.95	0.75	0.53	0.96	1.64	0.63	0.51
Well Operations	1.53	1.31	1.00	1.00	0.85	0.82	0.78	0.93	0.59	0.65	0.79	0.74	0.57	0.65
Construction / Decommissioning	0.79	1.03	0.94	0.80	0.68	0.53	0.61	0.41	0.64	0.48	0.59	0.39	0.50	0.26
DART Recordable Injury/Illness Rate **														
Combined Operations	0.45	0.43	0.39	0.33	0.33	0.27	0.28	0.32	0.31	0.30	0.56	0.81	0.31	0.27
Production	0.42	0.44	0.41	0.38	0.37	0.29	0.31	0.38	0.33	0.26	0.64	1.25	0.31	0.25
Well Operations	0.60	0.46	0.38	0.36	0.34	0.29	0.27	0.33	0.29	0.40	0.55	0.49	0.34	0.38
Construction / Decommissioning	0.27	0.37	0.36	0.19	0.23	0.17	0.22	0.16	0.32	0.22	0.33	0.26	0.24	0.15

* Total Recordable Injury/Illness Rates are based on the sum of Non-DART and DART data as listed on this table.

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