

ASSESSMENTS

Assessment type submitted ¹	Subtype	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total	
OHS submissions													
Safety Case	New	27	20	28	27	14	27	11	14	10	6	184	
	Revision	106	69	62	75	59	76	86	59	69	62	723	
Diving Safety Management System	New	5	1		2		3	2	1	1		15	
	Revision	4	1	6	5	3	3	8	2	6		38	
Diving Project Plan	Not Applicable						2					2	
Scope of Validation	Not Applicable	55	45	49	54	44	54	44	46	64	52	507	
Diving Start-up Notice	Not Applicable	23	24	20	8	8	15	9	5	3	8	123	
Total OHS		220	160	165	171	128	180	160	127	153	128	1592	
WI submissions													
Well Activity Application	Not Applicable	162	87	130	107	59	34				1	580	
Well Operations Management Plan	New	27	26	23	21	1 ²			1 ²		1 ²	100	
	Variation	4	6	9	9						1	29	
Well Operations Management Plan (2016)	New					44	30	8	15	17	13	127	
	Revision						10	11	13	9	42	85	
Final Abandonment Report	Abandonment					6	28	22	13	12	7	88	
Request to Undertake a Well Activity in a Specified Manner	Not Applicable					1		1	1			3	
Total WI		193	119	162	137	111	102	42	43	38	65	1012	
EM submissions													
Environment Plan	New	92	79	57	37	20	20	21	10			336	
	Revision	11	40	18	7	11	20	15	4			126	
Environment Plan (Development)	New								11	18	19	48	
	Revision								9	10	14	33	
Environment Plan (Exploration) ³	New								7	8	10	25	
	Revision									1	2	3	
Environment Plan Summary	Not Applicable					24	32	39	42	30	33	200	
End of an environment plan (Reg 25A)	Not Applicable			12	12	15	94	55	23	25	23	259	
Offshore Project Proposal	Suitability for Publication - Stage 1					1		1	2	3		7	
	Suitability for Acceptance - Stage 2						1		2	2	1	6	
Total EM		103	119	87	56	71	167	131	110	97	102	1043	
PSZ submissions													
ATBA Access Application	Not Applicable	5	5		11		2		8	7		38	
PSZ Application	New	7	3	10	2	1	3	3	3	1	2	35	
	Variation	3	2		2	7	1				1	16	
PSZ Access Application	Not Applicable		1			1			3	3		8	
Total PSZ		15	11	10	15	9	6	3	14	11	3	97	
Other submissions													
NOPTA request for title related compliance information	Application for a retention lease								3	7	1	11	
	Cancellation of petroleum exploration permit								2	5	1	8	
	General Advice									14	6	20	
	Grant of a petroleum-related pipeline licence					1	2			1	3	7	
	Modification/alteration/repair to pipeline								7	1		8	
	Renewal of fixed-term production licence			2	1	4	3	3					13
	Renewal of greenhouse gas assessment permit							1					1
	Renewal of petroleum exploration permit			8	5	13	7	7	4	3			47
	Renewal of petroleum retention lease			18	1	13	13	1	7	22	16		91
	Termination of life-of-field petroleum production licence							1		1	1		3
	Title Expiry									9	6		15
	Title Surrender				24	14	14	14	20	21	13	16	136
	Title Surrender Advice to NOPTA (legacy)	6	18	4									28
	Title Transfer											16	16
Variation to pipeline licence									18	12	6	36	
Total Other		6	18	56	21	45	39	33	62	88	72	440	
Total assessments submitted		537	427	480	400	364	494	369	356	387	370	4184	

¹ Based on date of submission. In some instances, a single assessment may be submitted for multiple facilities.

² WOMP assessed under the conferral arrangement with Victoria under the regulations relevant to that state

³ Does not include environment plans currently out for public comment where a formal assessment by NOPSEMA has not yet commenced.

Assessments notified ¹	Subtype	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total	
OHS submissions													
Safety Case	New	24	22	24	28	14	27	12	13	9	8	181	
	Revision	123	70	64	70	58	77	88	58	66	60	734	
Diving Safety Management System	New	2	1	1	2		3	2	1		1	13	
	Revision	3	1	6	5	3	3	8	1	5		35	
Diving Project Plan	Not Applicable						2					2	
Scope of Validation	Not Applicable	54	46	46	55	46	53	41	47	61	51	500	
Diving Start-up Notice	Not Applicable	20	23	20	8	8	15	9	5	3	8	119	
Total OHS		226	163	161	168	129	180	160	125	144	128	1584	
WI submissions													
Well Activity Application	Not Applicable	152	96	122	113	61	35				1	580	
Well Operations Management Plan	New	26	25	22	22	1 ²			1 ²		1 ²	98	
	Variation	4	6	8	7	2					1	28	
Well Operations Management Plan (2016)	New					36	35	8	16	15	12	122	
	Revision						8	11	14	9	37	79	
Final Abandonment Report	Abandonment					6	15	14	24	19	7	85	
Request to Undertake a Well Activity in a Specified Manner	Not Applicable					1		1	1			3	
Total WI		182	127	152	142	107	93	34	56	43	59	995	
EM submissions													
Environment Plan	New	84	77	59	41	21	18	21	12			333	
	Revision	10	40	16	8	12	16	17	6			125	
Environment Plan (Development)	New								10	18	19	47	
	Revision								9	10	11	30	
Environment Plan (Exploration)	New								7	7	10	24	
	Revision									1	2	3	
Environment Plan Summary	Not Applicable					23	30	40	43	31	33	200	
End of an environment plan (Reg 25A)	Not Applicable					30	99	49	33	19	28	258	
Offshore Project Proposal	Suitability for Publication - Stage 1					1		1	1	4		7	
	Suitability for Acceptance - Stage 2						1		1	3	1	6	
Total EM		94	117	75	49	87	164	128	122	93	104	1033	
PSZ submissions													
ATBA Access Application	Not Applicable	4	4	1	11		2		7	7		36	
PSZ Application	New	7	3	10	2	1	3	3	3	1	2	35	
	Variation	3	2		2	7	1				1	16	
PSZ Access Application	Not Applicable		1			1			3	3		8	
Total PSZ		14	10	11	15	9	6	3	13	11	3	95	
Other submissions													
NOPTA request for title related compliance information	Application for a retention lease								3	7		10	
	Cancellation of petroleum exploration permit								2	4	1	7	
	General Advice									12	7	19	
	Grant of a petroleum-related pipeline licence					1	2			1	3	7	
	Modification/alteration/repair to pipeline								7	1		8	
	Renewal of fixed-term production license			2	1	4	3	3					13
	Renewal of greenhouse gas assessment permit							1					1
	Renewal of petroleum exploration permit			8	5	13	6	6	3	4			45
	Renewal of petroleum retention lease			18	1	13	13	1	7	22	15		90
	Termination of life-of-field petroleum production licence								1			2	3
	Title Expiry									9	6		15
	Title Surrender				23	15	14	12	21	21	13	13	132
	Title Surrender Advice to NOPTA (legacy)	6	17										23
	Title Transfer											14	14
Variation to pipeline licence									18	11	7	36	
Total Other		6	17	51	22	45	36	33	61	84	68	423	
Total assessments notified		522	434	450	396	377	479	358	377	375	362	4130	

¹ Assessments where NOPSEMA has formally notified the duty holder in writing. Based on date of first notification.

² WOMP assessed under the conferral arrangement with Victoria under the regulations relevant to that state

Assessments completed ¹	Subtype	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total	
OHS submissions													
Safety Case	New	21	21	28	25	19	26	13	13	8	8	182	
	Revision	128	66	67	72	56	78	84	59	70	59	739	
Diving Safety Management System	New		2	1	2		3	2			1	11	
	Revision	2	2	5	5	3	3	7	2	5		34	
Diving Project Plan	Not Applicable						2					2	
Scope of Validation	Not Applicable	10	45	46	55	46	53	41	47	61	51	455	
Diving Start-up Notice	Not Applicable	2	23	20	8	8	15	9	5	3	8	101	
Total OHS		163	159	167	167	132	180	156	126	147	127	1524	
WI submissions													
Well Activity Application	Not Applicable	84	97	120	113	53	43				1	511	
Well Operations Management Plan	New	27	24	22	22	1 ²					1 ²	97	
	Variation	4	6	8	7	2					1	28	
Well Operations Management Plan (2016)	New					28	37	13	15	13	14	120	
	Revision						7	11	11	9	26	64	
Final Abandonment Report	Abandonment					6	15	14	24	18	8	85	
Request to Undertake a Well Activity in a Specified Manner	Not Applicable					1		1	1			3	
Total WI		115	127	150	142	91	102	39	51	40	51	908	
EM submissions													
Environment Plan	New	62	76	58	39	23	16	22	20			316	
	Revision	2	25	32	12	9	17	16	10			123	
Environment Plan (Development)	New								7	15	10	32	
	Revision								2	7	13	22	
Environment Plan (Exploration)	New								3	8	8	19	
	Revision										2	2	
Environment Plan Summary	Not Applicable					22	30	41	43	31	33	200	
End of an environment plan (Reg 25A)	Not Applicable					24	103	46	35	19	28	255	
Offshore Project Proposal	Suitability for Publication - Stage 1						1		2	2	1	6	
	Suitability for Acceptance - Stage 2							1		2	2	5	
Total EM		64	101	90	51	78	167	126	122	84	97	980	
PSZ submissions													
ATBA Access Application	Not Applicable		4	1	11		2		7	7		32	
PSZ Application	New		3	10	2	1	3	3	3	1	2	28	
	Variation		2		2	7	1				1	13	
PSZ Access Application	Not Applicable		1			1			3	3		8	
Total PSZ			10	11	15	9	6	3	13	11	3	81	
Other submissions													
NOPTA request for title related compliance information	Application for a retention lease								3	7		10	
	Cancellation of petroleum exploration permit								2	4	1	7	
	General Advice									12	7	19	
	Grant of a petroleum-related pipeline licence					1	2			1	3	7	
	Modification/alteration/repair to pipeline								7	1		8	
	Renewal of fixed-term production licence			2	1	4	3	3					13
	Renewal of greenhouse gas assessment permit							1					1
	Renewal of petroleum exploration permit			8	5	13	6	6	3	4			45
	Renewal of petroleum retention lease			18	1	13	13	1	7	22	15		90
	Termination of life-of-field petroleum production licence							1				2	3
	Title Expiry									9	6		15
	Title Surrender			23	15	14	12	21	21	13	13		132
	Title Surrender Advice to NOPTA (legacy)			17									17
	Title Transfer											14	14
Variation to pipeline licence									18	11	7	36	
Total Other			17	51	22	45	36	33	61	84	68	417	
Total assessments completed		342	414	469	397	355	491	357	373	366	346	3910	

¹ Based on date of completion. Only includes assessments that have been completed (i.e. excludes those in progress and recalled/cancelled)

² WOMP assessed under the conferral arrangement with Victoria under the regulations relevant to that state

INSPECTIONS

Inspections	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total
OHS Inspection	88	98	111	114	93	93	109	135	106	62	1009
Well Integrity Inspection	4	5	5	12	6	8	11	9	28	10	98
Environment Inspection	7	23	30	69	44	44	54	47	42	34	394
Facilities / wells / petroleum activities inspected ¹	156	144	203	208	206	231	283	281	522	293	2527
Total inspections²	99	126	146	195	143	145	174	191	176	106	1501

¹ An inspection may cover multiple facilities, petroleum and well activities

² The increased number of inspections in 2020 reflects the introduction of COVID-19 specific inspections

INCIDENTS

Incident type	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total
Accident											
OHS - death or serious injury	6	3	2	5		4	8	3	2	1	34
OHS - incapacitation >= 3 days LTI	14	10	5	7	4	6	7	6	5	16	80
Total Accident	20	13	7	12	4	10	15	9	7	17	114
Dangerous Occurrence											
OHS - collision marine vessel and facility	2	3	2	1		1		2	1	1	13
OHS - could have caused death or serious injury	30	25	22	24	17	16	26	27	16	30	233
OHS - could have caused incapacitation >= 3 days LTI	31	5	10	8	3	5	6	10	5	10	93
OHS - damage to safety-critical equipment	128	100	79	108	82	73	109	147	184	242	1252
OHS - fire or explosion	9	3	8	10	6	4	10	4	5	7	66
OHS - other kind needing immediate investigation	25	52	28	41	23	22	30	47	35	20	323
OHS - pipeline - kind needing immediate investigation				1	1					2	4
OHS - pipeline - significant damage	1										1
OHS - pipeline - likely to have resulted in significant damage										1	1
OHS - uncontrolled HC release >1 - 300 kg	13	19	20	11	16	19	25	24	7	16	170
OHS - uncontrolled HC release >300 kg	3		3	2	3	1	3		1	3	19
OHS - uncontrolled PL release >80 - 12 500 L	1	1	2	4	4	5	7	4	2	2	32
OHS - unplanned event - implement emergency response plan	140	147	174	154	148	145	169	147	131	187	1542
OHS - well kick >50 barrels		1									1
Total Dangerous Occurrence	383	356	348	364	303	291	385	412	387	521	3750
Well Integrity¹											
WI - loss of integrity - >1 kg gas released						2	3	2	3	4	14
WI - loss of integrity - >80 L liquid released								1		1	2
WI - failure of hydrostatic pressure - BOP closure and positive well pressure					5	1	3	1	1	2	13
WI - loss of integrity - well-related equipment damage or failure					11	11	12	21	7	25	87
WI - potential loss of integrity - well-related equipment damage/failure					13	11	38	45	49	32	188
WI - any other unplanned occurrence to regain control of the well					2	2	4	2		1	11
Total Well Integrity					31	27	60	72	60	65	315
Environment Reportable											
EM - hydrocarbon vapour / petroleum liquid release	2	6	13	9	5	7	8	2	3	1	56
EM - chemical release	6	14	8	2		3	1	5	1		40
EM - drilling fluid/mud release	5	4						1		2	12
EM - fauna incident	4	5	1		2	1	5	4			22
EM - other		2		2	1	1	2	2	4	2	16
Total Environment Reportable	17	31	22	13	8	12	16	14	8	5	146
<i>Matters protected under Part 3 of the EPBC Act²</i>	1	4	1			1	3	2			12
Total incidents	420	400	377	389	346	340	476	507	462	608	4325

¹ Notification, reporting and recording requirements for titleholders in relation to WI incidents came into effect on 1 January 2016 through amendments to Part 5 of the Offshore Petroleum and Greenhouse Gas Storage (Resource Management and Administration) Regulations 2011. Consequently, as of Q1 2016, NOPSEMA has commenced publishing WI incident data as a category in its own right.

² Number of environment reportable incidents notified to NOPSEMA identified as matters protected under Part 3 of the EPBC Act. Note that these figures are a subset of the total number of reportable incidents shown in the line above.

INJURIES

Injury type	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total
Fatality	2										2
Major injury	5	2	2	5		4	8	3	2	1	32
Lost time injury >=3 days	16	13	5	7	4	6	7	6	5	17	86
Lost time injury <3 days	3		2	2	3	1	1	2			14
Medical treatment injury	36	26	20	44	22	30	24	26	11	21	260
Alternative duties injury	43	28	26	30	24	11	19	24	9	32	246
Total recordable cases¹	105	69	55	88	53	52	59	61	27	71	640

¹ Total recordable cases is the sum of fatalities, major injuries, LTIs, ADIs and MTIs.

Hours worked offshore	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total
Fixed facilities	7 187 359	5 799 729	5 340 100	5 656 392	6 340 003	9 397 260	11 758 391	8 643 588	6 347 435	7 152 950	73 623 207
Mobile facilities	8 495 698	7 558 974	9 503 774	10 032 145	3 584 806	3 382 898	4 916 932	2 928 892	2 134 245	3 118 048	55 656 412
Total	15 683 057	13 358 703	14 843 874	15 688 537	9 924 809	12 780 158	16 675 323	11 572 480	8 481 680	10 270 998	129 279 619

COMPLAINTS

Type	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total
OHS - complaint	5	7	3	3	1	9	9	12	10	11	70
EM - complaint		4	2	2	1	1	1	1	7	2	21
WI - complaint									1		1
Total complaints	5	11	5	5	2	10	10	13	18	13	92

ENFORCEMENTS

Enforcement type ¹	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	Total
OHS enforcements											
OHS improvement notice	49	27	13	30		25	14	9	6	7	180
Intent to Withdraw SC Acceptance						1		1			2
OHS prohibition notice	1	3	4	3		2	1	3	1	1	19
Request for a revised safety case	1	2		1		3	4	1		1	13
Prosecution Brief		1	2		1			1			5
Direction - General						1	3	3	3	6	16
Total OHS	51	33	19	34	1	32	22	18	10	15	235
WI enforcements											
Notice requiring variation of a well operations management plan							1			3	4
Intent to Withdraw WOMP Acceptance		1									1
Direction - General							1				1
Total WI		1					2			3	6
EM enforcements											
EM improvement notice				1		3	2	4			10
Intent to Withdraw EP Acceptance		1									1
EM prohibition notice					2						2
Request for a revision to an environment plan	4	32		1	3	3			1	6	50
Direction - General					2		3	2	3	6	16
Direction - Restoration of Environment									4		4
Total EM	4	33		2	7	6	5	6	8	12	83
Total enforcements	55	67	19	36	8	38	29	24	18	30	324

Non-statutory compliance actions											
OHS written advice/warning	9	3	6		3	3	3		2	3	32
EM written advice/warning	5	10	1	2		10	3	6	6	4	47
Total non-statutory compliance actions	14	13	7	2	3	13	6	6	8	7	79

Total enforcements and non-statutory compliance actions	69	80	26	38	11	51	35	30	26	37	403
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¹ Excludes verbal warnings/advice, investigation notices and do not disturb notices.

GLOSSARY OF ACRONYMS					
ATBA	Area to be avoided	LTI	Lost time injury	SC	Safety case
EM	Environmental management	OHS	Occupational health and safety	WI	Well integrity
EP	Environment plan	PL	Petroleum liquid	WOMP	Well operations management plan
HC	Hydrocarbon	PSZ	Petroleum safety zone	IRF	International Regulators' Forum

Disclaimer: data may be subject to change as new information becomes available. Whilst NOPSEMA endeavours to maintain consistency in the reporting of data, these datasets are subject to continuous improvement and modifications in response to legislative, industry or organisational changes.

The information in this report is comprised of data from the last 10 years only. Requests for older data can be made directly to NOPSEMA at information@nopsema.gov.au.