Occidental Petroleum Corporation

Environmental and Climate	Units	2019 Operational Control	2019 Equity	2018 Operational Control	2018 Equity	2017 Operational Control	2017 Equity	2016 Operational Control	2016 Equity
Total Direct + Indirect GHG (Scope 1 + Scope 2)									
Total	**million MtCO2e**	**28.37**	**17.82**	23.02	14.46	22.84	14.65	22.84	15.26
Oil and Gas (OOG)	million MtCO2e	**15.60**	7.35	14.87	6.31	14.43	6.24	13.90	6.32
Chemicals (OCC)	million MtCO2e	**8.10**	8.10	8.15	8.15	8.41	8.41	8.94	8.94
Western Midstream (WES)	million MtCO2e	**4.67**	2.37	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Scope 1 Direct GHGs									
Total	**million MtCO2e**	**21.95**	**13.76**	**16.98**	**10.37**	**16.84**	**10.54**	**16.29**	**10.49**
Oil and Gas (OOG)	million MtCO2e	12.02	5.66	11.05	4.43	10.78	4.48	10.24	4.43
Chemicals (OCC)	million MtCO2e	6.21	6.21	5.93	5.93	6.06	6.06	6.05	6.05
Western Midstream (WES)	million MtCO2e	3.72	1.89	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Scope 2 Indirect GHGs									
Total	**million MtCO2e**	**6.42**	**4.06**	**6.04**	**4.10**	**6.00**	**4.11**	**6.55**	**4.77**
Oil and Gas (OOG)	million MtCO2e	3.58	1.69	3.82	1.88	3.65	1.76	3.66	1.88
Chemicals (OCC)	million MtCO2e	1.89	1.89	2.22	2.22	2.35	2.35	2.89	2.89
Western Midstream (WES)	million MtCO2e	0.95	0.48	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Total Direct + Indirect GHG (Scope 1 + Scope 2) Intensity									
Oil and Gas (OOG)	metric tons CO2e/BOE	0.0241	0.0241	0.0353	0.0320	0.0392	0.0359	0.0729	0.0348
Chemicals (OCC)	metric tons CO2e/MT	0.679	0.679	0.647	0.647	0.666	0.666	0.777	0.777
Western Midstream (WES)	metric tons CO2e/BOE	0.00002	0.00002	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
GHG Scope 1 Intensity									
Oil and Gas (OOG)	metric tons CO2e/BOE	0.0186	0.0186	0.0262	0.0225	0.0293	0.026	0.054	0.024
Chemicals (OCC)	metric tons CO2e/MT	0.5150	0.5150	0.471	0.471	0.480	0.480	0.526	0.526
Western Midstream (WES)	metric tons CO2e/BOE	0.00001	0.00001	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
GHG Scope 2 Intensity	metric tons CO2e/BOE								
Oil and Gas (OOG)	metric tons CO2e/BOE	0.0055	0.0055	0.0091	0.0095	0.0099	0.0101	0.0192	0.0104
Chemicals (OCC)	metric tons CO2e/MT	0.164	0.164	0.1760	0.1760	0.1860	0.1860	0.2510	0.2510
Western Midstream (WES)	metric tons CO2e/BOE	0.00000	0.00000	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Methane (CH_4)									
Total	thousand metric tons	**112.05**	**54.38**	61.035	25.004	46.747	20.817	49.932	21.679
Oil and Gas (OOG)	thousand metric tons	72.67	34.24	60.920	24.889	46.630	20.700	49.814	21.561
Chemicals (OCC)	thousand metric tons	0.11	0.11	0.115	0.115	0.117	0.117	0.118	0.118
Western Midstream (WES)	thousand metric tons	39.27	20.03	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable
Methane (CH4) emissions intensity									
Oil and Gas (OOG)	%	0.512	0.512	0.640	0.640	0.590	0.590	0.674	0.674
Oil and Gas (OOG)	tonne CH4/thousand BOE	0.113	0.113	0.144	0.125	0.127	0.116	NA	0.148
Chemicals (OCC)	tonne/thousand MT	9.06	9.06	9.13	9.13	9.26	9.26	10.30	10.30
Western Midstream (WES)	tonne CH4/thousand BOE	0.00000	0.00000	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable	Not Applicable

Notes:

1) 2019 data OOG includes Oxy + acquired APC operated assets

2) Percentage methane emissions intensity refers to the amount of methane emissions from Oxy's operated oil and gas assets as a percentage of the total gas that is produced and goes to market from those operations. This approach is aligned with the Oil and Gas Climate Initiative (OGCI) and One Future methodologies.

3) Western Midstream (WES) was acquired along with APC assets, and was under Oxy's operational control only for a limited period in 2019. WES is a separate company, as of 2020.

About Occidental's Greenhouse Gas Emissions:

The estimated Occidental GHG emissions described in this report are derived from a combination of measured and estimated data using best reasonably available information. We use industry standards and best practices for estimating GHG emissions from similar sources, including guidance from the U.S. EPA, API and IPIECA. Uncertainty associated with Occidental's emission estimates depends on variation in the processes and operations; the availability of sufficient or equivalent data; the quality of available data or estimations; and the methodologies used for measurement and estimation. The estimates may vary over time as updated data become available, emissions estimation methodologies are refined, and to reflect changes to Occidental's assets, operations or emissions boundaries. Occidental's reporting of estimated Scope 2 and 3 emissions from third parties is an evaluation of the emission lifecycle of our products and operations for the purpose of expressing the magnitude of our emission reduction ambitions and does not in any way indicate an acceptance by Occidental of any responsibility for such emissions.