

Santos Ltd Sustainability Performance Data 2018

All reasonable effort has been made to provide accurate information in this spreadsheet; however, Santos does not warrant or represent its accuracy.
All data are reported for the 2018 calendar year and as Santos gross operated unless otherwise stated.
Data are presented to nearest significant figure. Where data are unavailable or not applicable, it is left blank, where data is zero or de minimis it is represented as (0).



Greenhouse gas (GHG) emissions and energy consumption (Santos gross operated, unless otherwise stated, financial years)						
	Units	2013-14	2014-15	2015-16	2016-17	2017-18
Direct energy consumption	PJ	32	34	48	65	65
Indirect energy consumption	PJ	0.18	0.19	0.19	1.47	1.85
Scope 1 (direct GHG emissions)	MtCO2e	3.94	4.35	5.04	5.82	5.49
Emissions of CO2	MtCO2e	3.49	3.86	4.51	5.09	4.99
Emissions of CH4	MtCO2e	0.45	0.48	0.53	0.72	0.49
Emissions of N2O	MtCO2e	0.00	0.01	0.01	0.01	0.01
Emissions from Fuel	MtCO2e	1.70	1.67	2.38	3.19	3.18
Emissions from Flare	MtCO2e	0.30	0.54	0.38	0.25	0.18
Emissions from Vent	MtCO2e	0.30	0.30	0.30	0.31	0.24
Emissions from CO2 Removal	MtCO2e	1.62	1.81	1.94	2.03	1.85
Emissions from Fugitives	MtCO2e	0.02	0.02	0.03	0.04	0.04
Volume of flared hydrocarbon	Million m3	94.1	212.2	134.8	93.8	56.8
Volume of vented hydrocarbon	Million m3	35.4	38.0	45.0	38.7	33.0
Scope 2 (purchased electricity)	MtCO2e	0.03	0.03	0.03	0.31	0.39
Scope 3 (product use)	MtCO2e	18.0	15.5	18.8	20.4	19.1
Scope 1 (Santos equity share)	MtCO2e	3.36	3.63	3.79	3.79	3.57
Intensity (Santos equity share)	ktCO2e/mmboe	65	63	63	63	62
Scope 2 (Santos equity share)	MtCO2e				0.13	0.16
Scope 3 (Santos equity share)	MtCO2e				21.9	20.6

Notes: Emissions and energy are reported on an Australian financial year basis in accordance with National Greenhouse and Energy Reporting Act, 2007. Equity share data to be updated on receipt of non-operated asset information.

Pollutant emissions (Santos Australian operations, gross operated, calendar year)

	Units	2014	2015	2016	2017
Arsenic & compounds	Tonnes	0.018	0.021	0.022	0.026
Benzene	Tonnes	45	42	30	26
Beryllium & compounds	Tonnes	0.004	0.005	0.006	0.008
Cadmium & compounds	Tonnes	0.022	0.020	0.017	0.014
Carbon monoxide	Tonnes	10,678	9,829	9,807	8,915
Chromium III Compounds	Tonnes	0.050	0.045	0.042	0.041
Copper & compounds	Tonnes	0.039	0.031	0.031	0.029
Cumene	Tonnes	3.9	4.1	3.4	2.9
Cyclohexane	Tonnes	27	23	23	20
Ethylbenzene	Tonnes	47	47	40	35
n-Hexane	Tonnes	486	442	414	366
Hydrogen sulphide	Tonnes	44	39	61	47
Lead & compounds	Tonnes	0.028	0.026	0.025	0.023
Mercury & compounds	Tonnes	0.007	0.036	0.000	0.000
Methanol	Tonnes	57	37	150	147
Nickel & compounds	Tonnes	0.038	0.036	0.034	0.031
Oxides of Nitrogen	Tonnes	13,444	11,329	16,215	16,137
Particulate Matter (less than 2.5 micrometres)	Tonnes	314	219	241	225
Particulate Matter (less than 10.0 micrometres)	Tonnes	313	225	245	229
Phenol	Tonnes	23	31	33	33
Polychlorinated dioxins and furans (TEQ)	Tonnes	0.000	0.000	0.000	0.000
Polycyclic aromatic hydrocarbons	Tonnes	0.006	0.046	0.015	0.005
Sulphur dioxide	Tonnes	38	23	19	20
Toluene (methylbenzene)	Tonnes	79	70	64	56
Total Volatile Organic Compounds	Tonnes	8,002	6,552	7,350	6,537
Xylenes	Tonnes	63	61	50	44

Notes: Pollutant emissions to air, land and water, including waste transfers, are reported on a calendar year basis in accordance with the Australian National Pollutant Inventory compliance reporting requirements. 2018 data will be submitted to the NPI by 31 March 2019.

