

EMISSIONS

Table 15-1
METHANE EMISSIONS FROM NATURAL GAS SYSTEMS
 (Million Metric Tons CO₂-equivalent)
 1990 – 2021

Year	Total	Exploration	Production	Processing	Transmission and Storage	Distribution
1990	206.9	3.3	64.7	23.9	64.1	50.9
1991	210.4	3.3	68.3	23.6	64.9	50.3
1992	208.8	2.4	68.7	23.7	65.0	49.0
1993	209.6	3.1	71.5	23.0	63.5	48.5
1994	211.5	3.1	75.0	22.5	62.1	48.8
1995	204.9	2.9	75.8	20.4	60.5	45.3
1996	201.9	3.4	78.5	18.4	58.7	42.9
1997	202.4	4.7	80.9	17.7	57.4	41.7
1998	197.8	4.2	82.3	15.6	55.2	40.5
1999	194.1	4.8	81.6	15.9	53.6	38.2
2000	196.5	6.5	85.5	15.5	52.4	36.6
2001	198.0	8.5	89.4	14.7	50.2	35.2
2002	195.3	6.7	91.2	14.8	49.1	33.5
2003	194.2	7.8	94.0	14.0	47.3	31.1
2004	195.4	8.8	97.4	13.5	45.8	29.9
2005	193.6	10.0	97.9	13.0	44.2	28.5
2006	199.0	11.4	105.3	12.7	42.5	27.1
2007	197.7	11.3	109.6	12.3	41.7	22.8
2008	200.7	11.9	114.7	11.9	40.5	21.7
2009	193.1	6.8	115.9	11.6	39.0	19.8
2010	188.5	6.6	114.2	11.3	38.5	17.9
2011	188.6	6.7	116.7	11.2	37.5	16.5
2012	182.6	2.8	114.6	11.2	37.5	16.5
2013	185.3	3.3	114.3	12.0	39.4	16.3
2014	181.9	1.1	111.6	12.3	40.8	16.1
2015	182.1	1.2	109.7	12.3	42.9	16.0
2016	172.5	0.8	100.4	12.5	42.9	15.9
2017	174.4	1.4	103.5	12.9	40.9	15.7
2018	181.8	2.6	107.0	13.5	43.1	15.6
2019	180.8	2.1	104.7	14.2	44.3	15.5
2020	172.4	0.2	97.3	13.9	45.5	15.5
2021	168.4	0.2	94.1	14.3	44.5	15.3

Source: United States Environmental Protection Agency, *Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2021*, April 2023.