

Appendix: Value of Carbon

U.S. Social Cost of Carbon Dioxide by Discount Rate, Adjusted for New York State (2020\$ per metric ton of CO₂)

Year	3%	2%	1%	0%
2020	53	125	421	2,206
2021	53	127	423	2,200
2022	55	129	426	2,195
2023	56	130	428	2,189
2024	57	132	431	2,183
2025	59	134	433	2,178
2026	60	135	436	2,172
2027	61	137	438	2,167
2028	62	139	441	2,162
2029	62	141	443	2,157
2030	64	142	446	2,151
2031	65	144	448	2,146
2032	66	146	450	2,140
2033	67	147	453	2,134
2034	69	149	455	2,129
2035	70	151	458	2,123
2036	71	153	460	2,118
2037	73	154	462	2,113
2038	74	156	465	2,107
2039	75	158	467	2,102
2040	76	160	469	2,096
2041	78	162	472	2,092
2042	78	164	475	2,087
2043	79	166	478	2,082
2044	80	168	481	2,077
2045	81	170	483	2,073
2046	83	171	485	2,066
2047	84	173	487	2,060
2048	85	175	489	2,053
2049	87	176	491	2,046
2050	88	178	493	2,040

See DEC (2020) "Establishing a Value of Carbon"

Appendix: Value of Carbon

**U.S. Social Cost of Methane by Discount Rate,
Adjusted for New York State (2020\$ per metric ton
of CH₄)**

Year	3%	2%	1%	0%
2020	1,527	2,782	6,578	24,280
2021	1,527	2,848	6,676	24,373
2022	1,654	2,914	6,774	24,467
2023	1,654	2,980	6,872	24,560
2024	1,781	3,047	6,970	24,654
2025	1,781	3,113	7,067	24,747
2026	1,781	3,184	7,175	24,866
2027	1,908	3,256	7,282	24,984
2028	1,908	3,328	7,390	25,102
2029	2,036	3,399	7,497	25,221
2030	2,036	3,471	7,604	25,339
2031	2,036	3,547	7,711	25,443
2032	2,163	3,622	7,818	25,548
2033	2,163	3,697	7,925	25,652
2034	2,290	3,773	8,032	25,757
2035	2,290	3,848	8,139	25,861
2036	2,417	3,929	8,252	25,979
2037	2,417	4,009	8,366	26,097
2038	2,544	4,089	8,480	26,215
2039	2,544	4,170	8,593	26,333
2040	2,544	4,250	8,707	26,451
2041	2,672	4,324	8,809	26,548
2042	2,672	4,398	8,912	26,646
2043	2,799	4,472	9,014	26,744
2044	2,799	4,546	9,117	26,842
2045	2,926	4,620	9,219	26,939
2046	2,926	4,696	9,318	27,013
2047	3,053	4,773	9,418	27,086
2048	3,053	4,849	9,517	27,159
2049	3,181	4,925	9,616	27,232
2050	3,181	5,001	9,715	27,305

See DEC (2020) "Establishing a Value of Carbon"

Appendix: Value of Carbon

**U.S Social Cost of Nitrous Oxide by Discount Rate,
Adjusted for New York State (2020\$ per metric ton
of N2O)**

Year	3%	2%	1%	0%
2020	19,084	44,727	140,766	683,806
2021	19,084	45,426	142,031	684,726
2022	20,356	46,124	143,296	685,645
2023	20,356	46,823	144,560	686,565
2024	20,356	47,522	145,825	687,484
2025	21,628	48,220	147,090	688,404
2026	21,628	48,958	148,409	689,383
2027	21,628	49,697	149,727	690,361
2028	22,900	50,435	151,045	691,340
2029	22,900	51,173	152,364	692,318
2030	24,172	51,911	153,682	693,297
2031	24,172	52,663	154,998	694,185
2032	24,172	53,416	156,313	695,073
2033	25,445	54,168	157,629	695,962
2034	25,445	54,921	158,944	696,850
2035	26,717	55,673	160,260	697,738
2036	26,717	56,456	161,588	698,488
2037	26,717	57,239	162,917	699,238
2038	27,989	58,023	164,246	699,988
2039	27,989	58,806	165,575	700,737
2040	29,261	59,589	166,904	701,487
2041	29,261	60,406	168,258	702,244
2042	29,261	61,222	169,612	703,001
2043	30,534	62,039	170,966	703,758
2044	30,534	62,856	172,321	704,516
2045	31,806	63,672	173,675	705,273
2046	31,806	64,523	175,055	705,975
2047	33,078	65,373	176,436	706,677
2048	33,078	66,224	177,817	707,380
2049	33,078	67,075	179,197	708,082
2050	34,350	67,925	180,578	708,784

See DEC (2020) "Establishing a Value of Carbon"