

Carbon fee assumed implemented in 2019 at \$20/ton of greenhouse gases emitted, rising \$10/year to \$150/ton in 2032.
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Category	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Forestry and logging: Fishing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Agriculture and forestry	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Oil and gas extraction	-6	-10	-13	-16	-18	-20	-20	-21	-22	-23	-24	-24	-25	-25
Mining (except oil and gas)	0	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Support activities for mining	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Utilities	-100	-141	-181	-215	-247	-267	-276	-289	-303	-313	-321	-324	-324	-322
Construction	72	89	110	132	156	173	187	209	236	263	288	309	328	344
Wood product manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic mineral product	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Primary metal manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated metal product	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Machinery manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Computer and electronic	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Electrical equipment and	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Motor vehicles, bodies and	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Furniture and related product	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Food manufacturing	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Beverage and tobacco product	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Textile mills: Textile product	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Apparel, leather and allied	0	0	1	1	1	1	1	2	2	2	2	2	3	3
Paper manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Printing and related support	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Petroleum and coal products	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chemical manufacturing	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Plastics and rubber product	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Wholesale trade	0	-1	-1	-2	-2	-3	-3	-4	-4	-4	-4	-4	-4	-4
Retail trade	3	2	4	5	4	0	-4	-4	-2	-1	0	2	4	5
Air transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rail transportation	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Water transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Truck transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Couriers and messengers	0	0	0	1	1	1	1	1	1	1	2	2	2	2
Transit and ground passenger	1	1	1	2	2	3	3	3	4	4	4	5	5	5
Pipeline transportation	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1	-1
Scenic and sightseeing	-1	-2	-2	-3	-3	-3	-3	-4	-4	-4	-4	-4	-4	-4
Warehousing and storage	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Publishing industries, except	0	0	1	1	1	1	2	2	2	3	3	3	3	3
Motion picture and sound	0	0	0	1	1	1	1	1	1	1	2	2	2	2
Internet publishing and	0	-1	-1	-1	-2	-2	-2	-2	-3	-3	-3	-3	-3	-4
Broadcasting, except Internet	0	-1	-1	-1	-2	-2	-2	-3	-3	-3	-3	-4	-4	-4
Telecommunications	0	0	0	0	0	0	0	0	1	1	1	1	1	1
Monetary authorities - central	-2	-3	-3	-4	-5	-5	-6	-6	-6	-6	-6	-6	-5	-5
Securities, commodity	0	2	3	5	8	10	12	15	17	19	21	24	26	27
Insurance carriers and related	0	0	-1	-1	-1	-1	-1	-2	-2	-2	-2	-2	-2	-2
Real estate	2	2	2	2	1	1	0	-1	0	-1	-1	-1	-1	-2
Rental and leasing services:	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Professional, scientific, and	-16	-27	-38	-49	-61	-71	-80	-89	-96	-104	-110	-117	-122	-126
Management of companies	0	0	0	1	1	1	1	1	1	1	1	1	2	2
Administrative and support	-3	-5	-7	-8	-9	-10	-11	-11	-11	-11	-11	-10	-10	-9
Waste management and	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Educational services: private	4	5	7	8	9	10	10	11	12	13	14	14	15	15
Ambulatory health care	10	11	13	15	15	14	11	10	11	9	9	8	8	6
Hospitals: private	2	3	3	4	4	4	3	3	3	2	2	2	1	1
Nursing and residential care	2	3	4	5	6	7	8	9	10	11	12	13	13	14
Social assistance	5	7	9	10	12	12	12	12	14	14	14	14	15	14
Performing arts and spectator	-1	-1	-1	-1	-1	-1	-1	-1	0	0	0	1	1	1
Museums, historical sites,	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Amusement, gambling, and	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Accommodation	2	4	6	8	10	12	14	16	19	21	23	25	27	28
Food services and drinking	39	54	72	88	102	110	114	121	130	135	140	143	145	145
Repair and maintenance	0	0	0	1	1	1	1	1	1	1	2	2	2	2
Personal and laundry services	-2	-4	-5	-5	-6	-8	-8	-8	-8	-8	-8	-7	-6	-6
Membership associations and	6	11	19	27	35	43	51	59	67	74	81	87	92	96
Private households	2	2	3	4	4	4	4	4	5	5	5	5	5	5



D.C. Carbon Fee-and-Rebate Initiative - Summary of Projected Outcomes

Scenario: \$20 per ton fee, rising \$10/year to \$150 per ton in 2032. 75% of revenue to progressive rebate, 20% to investment, 5% to business tax abatement

2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Tax rate (dollars per ton of greenhouse gas emissions):													
\$20 per ton	\$30 per ton	\$40 per ton	\$50 per ton	\$60 per ton	\$70 per ton	\$80 per ton	\$90 per ton	\$100 per ton	\$110 per ton	\$120 per ton	\$130 per ton	\$140 per ton	\$150 per ton
Total revenue generated (millions, 2015\$):													
\$140.9	\$207.6	\$275.6	\$341.0	\$404.5	\$453.8	\$503.8	\$553.5	\$605.7	\$605.5	\$609.6	\$605.7	\$601.7	\$596.5
Total rebate to households (75% of all revenue, millions, 2015\$):													
\$105.7	\$155.7	\$206.7	\$255.8	\$303.4	\$340.4	\$377.9	\$415.1	\$454.3	\$454.1	\$457.2	\$454.3	\$451.2	\$447.4
DC general monthly rebate (family of four, 2015\$)													
\$43	\$63	\$82	\$101	\$118	\$131	\$144	\$157	\$170	\$169	\$168	\$166	\$163	\$160
Low-income monthly rebate (family of four, 2015\$)													
\$74	\$108	\$142	\$174	\$204	\$227	\$249	\$271	\$294	\$291	\$290	\$286	\$282	\$277
Emissions Reductions													
1.1%	3.2%	5.2%	7.5%	9.7%	12.1%	15.8%	17.9%	18.8%	19.7%	20.5%	21.3%	22.1%	22.8%

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