

附件 JRC 2023 EDGAR 資料庫與CCPI2024排名比較

國 家	JRC 2023 EDGAR 資料庫				CCPI2024 排名 (前三名從缺， 評比4至67名)
	溫室氣體排放量 (mt CO ₂ eq/yr)		溫室氣體成長率 (2022vs2005)	JRC變化率排名 (共210國)	
	2005年	2022年			
全球	42,318.43	53,786.04	27%	----	
Curaçao	6.15	2.15	-65%	1	-
Ukraine	444	208.61	-53%	2	-
Syria	89.64	46.31	-48%	3	-
Puerto Rico	28.59	15.26	-47%	4	-
Greece	128.98	76.03	-41%	5	28
Estonia	22.73	13.81	-39%	6	5
Jamaica	12.6	7.71	-39%	7	-
United Kingdom	681.82	426.56	-37%	8	20
Finland	87.45	54.81	-37%	9	26
Luxembourg	13.07	8.48	-35%	10	15
Equatorial Guinea	17.07	11.55	-32%	11	-
Italy, San Marino and the Holy See	580.43	394.75	-32%	12	44(Italy)
Denmark	67.26	45.8	-32%	13	4
Venezuela	247.49	169.52	-32%	14	-
Gabon	26.34	18.63	-29%	15	-
Portugal	84.12	59.71	-29%	16	13
North Korea	113.56	81.29	-28%	17	-
Spain and Andorra	455.62	328.59	-28%	18	18(Spain)
Netherlands	226.13	167.85	-26%	19	8
Sweden	81.44	60.64	-26%	20	10
Malta	2.92	2.18	-25%	21	29
Palau	1.84	1.42	-23%	22	-
Slovenia	23.67	18.28	-23%	23	41
Greenland	0.69	0.54	-22%	24	-
Belgium	145.84	114.03	-22%	25	39
歐盟(27)	4,597.10	3,587.80	-22%	----	16
France and Monaco	546.47	430.36	-21%	26	37(France)
Austria	96.88	76.74	-21%	27	32
Germany(德國)	983.71	784	-20%	28	14
Croatia	30.01	24.18	-19%	29	35
Switzerland and Liechtenstein	56.34	45.56	-19%	30	21(Switzerland)
Hong Kong	48.36	39.14	-19%	31	-
Czechia	151.15	124.5	-18%	32	52
Hungary	80.24	66.21	-17%	33	49
Ireland	75.34	62.42	-17%	34	43
Romania	140.12	117.06	-16%	35	24
Yemen	45.38	38.01	-16%	36	-
Japan (日本)	1,402.61	1,182.77	-16%	37	58
United States(美國)	7,101.88	6,017.44	-15%	38	57
Slovakia	52.15	45.56	-13%	39	40
Trinidad and Tobago	51.84	45.91	-11%	40	-
North Macedonia	12.44	11.18	-10%	41	-
Angola	73.53	66.48	-10%	42	-
Fiji	3.3	2.98	-10%	43	-
Serbia and Montenegro	76.99	69.94	-9%	44	-
Taiwan(臺灣)	332.14	307.68	-7%	45	61
Norway	74.51	69.97	-6%	46	12
New Zealand	88.08	82.72	-6%	47	34

Latvia	11.74	11.11	-5%	48	33
Papua New Guinea	9.57	9.1	-5%	49	-
Lithuania	21.68	20.85	-4%	50	19
South Africa	555.48	534.53	-4%	51	45
Cuba	46.03	44.38	-4%	52	-
Poland	412.03	400.82	-3%	53	55
French Polynesia	1.15	1.12	-2%	54	-
Albania	8.07	7.98	-1%	55	-
Australia	576.59	571.38	-1%	56	50
Libya	105.18	104.51	-1%	57	-
El Salvador	13.03	13.07	0%	58	-
Eswatini	3.37	3.39	1%	59	-
International Aviation	423.31	425.96	1%	60	-
Canada(加拿大)	745.21	756.81	2%	61	62
Nigeria	399.98	407.69	2%	62	17
Bulgaria	66.76	68.41	2%	63	46
Faroos	0.05	0.05	3%	64	-
Vanuatu	0.56	0.59	4%	65	-
Barbados	0.89	0.93	5%	66	-
Macao	2.3	2.41	5%	67	-
Zimbabwe	28.59	30.19	6%	68	-
Lesotho	2.83	3.02	7%	69	-
Aruba	0.46	0.5	7%	70	-
Western Sahara	0.46	0.49	8%	71	-
Uruguay	38.13	41.91	10%	72	-
Somalia	30.34	33.36	10%	73	-
Moldova	11.18	12.32	10%	74	-
Argentina	344.83	382.99	11%	75	53
Iceland	4.27	4.77	12%	76	-
Djibouti	1.97	2.23	13%	77	-
Seychelles	1.05	1.2	14%	78	-
Réunion	2.76	3.15	14%	79	-
Dominica	0.13	0.15	15%	80	-
Mexico	707.98	819.87	16%	81	38
Cyprus	9.18	10.63	16%	82	42
Russia	2,221.77	2,579.80	16%	83	63
Cook Islands	0.1	0.12	18%	84	-
Uzbekistan	191.58	227.21	19%	85	48
Israel and Palestine, State of	73.94	87.75	19%	86	-
Tonga	0.24	0.28	19%	87	-
Sri Lanka	32.33	38.8	20%	88	-
Eritrea	5.76	6.95	21%	89	-
Solomon Islands	0.49	0.59	21%	90	-
Saint Vincent and the Grenadines	0.13	0.15	21%	91	-
Kiribati	0.09	0.11	21%	92	-
Timor-Leste	2.04	2.48	21%	93	-
Thailand	381.18	463.87	22%	94	25
Namibia	10.7	13.1	22%	95	-
Belarus	81.38	99.87	23%	96	47
Brazil	1,067.46	1,310.50	23%	97	23
Martinique	0.88	1.08	23%	98	-
International Shipping	607.27	750.7	24%	99	-
Madagascar	28.17	34.98	24%	100	-
Samoa	0.44	0.55	24%	101	-
Botswana	10.14	12.61	24%	102	-
South Korea(韓國)	582.52	725.74	25%	103	64
Congo	20.72	25.96	25%	104	-
Bosnia and Herzegovina	23.25	29.32	26%	105	-

Sudan and South Sudan	116.45	146.96	26%	106	-
Armenia	7.43	9.38	26%	107	-
Guadeloupe	0.99	1.26	27%	108	-
Turkmenistan	100.27	128.92	29%	109	-
Brunei	11.47	14.83	29%	110	-
Central African Republic	10.29	13.45	31%	111	-
Colombia	164.78	215.54	31%	112	31
Haiti	11.25	14.87	32%	113	-
Cameroon	32.47	43.17	33%	114	-
Jordan	25.59	34.54	35%	115	-
Dominican Republic	30.91	41.86	35%	116	-
Egypt	278.86	377.78	35%	117	22
Costa Rica	12.44	16.86	36%	118	-
Antigua and Barbuda	0.27	0.36	36%	119	-
Ecuador	56.6	76.94	36%	120	-
Kazakhstan	243.17	331.53	36%	121	60
Tunisia	36.5	49.82	36%	122	-
Singapore(新加坡)	51.21	70.47	38%	123	-
Saint Kitts and Nevis	0.11	0.15	38%	124	-
Iran	683.56	951.98	39%	125	66
Nicaragua	14.98	21.03	40%	126	-
Sierra Leone	5	7.12	42%	127	-
Panama	12.93	18.48	43%	128	-
Kuwait	117.47	167.86	43%	129	-
Chile	95.55	137.01	43%	130	11
Honduras	16.53	23.74	44%	131	-
Malaysia	246.08	353.92	44%	132	59
Azerbaijan	46.46	68.88	48%	133	-
Guinea-Bissau	2.18	3.24	49%	134	-
Algeria	188.34	284.45	51%	135	54
Nepal	37.51	56.74	51%	136	-
Grenada	0.13	0.19	51%	137	-
Cabo Verde	0.86	1.3	52%	138	-
Lebanon	20.98	31.93	52%	139	-
Myanmar/Burma	111.06	169.39	53%	140	-
The Gambia	1.53	2.34	53%	141	-
Morocco	74.24	114.77	55%	142	9
Pakistan	351.13	546.1	56%	143	30
Anguilla	0.02	0.03	56%	144	-
Saint Pierre and Miquelon	0.03	0.04	56%	145	-
Bangladesh	179.56	281.08	57%	146	-
Peru	66.34	105.14	58%	147	-
Bahrain	43.73	69.98	60%	148	-
Afghanistan	18.19	29.12	60%	149	-
Mauritania	10.4	16.67	60%	150	-
Georgia	11.26	18.05	60%	151	-
Bolivia	36.47	58.46	60%	152	-
Gibraltar	0.43	0.69	61%	153	-
French Guiana	0.36	0.59	62%	154	-
Belize	0.6	0.98	62%	155	-
Philippines(菲律賓)	162.96	265.3	63%	156	6
Rwanda	5.54	9.03	63%	157	-
Guatemala	27.4	45.02	64%	158	-
Bahamas	1.15	1.88	64%	159	-
São Tomé and Príncipe	0.16	0.26	64%	160	-
Bhutan	1.85	3.07	66%	161	-
Mauritius	3.84	6.41	67%	162	-
Bermuda	0.21	0.35	69%	163	-
Suriname	2.65	4.5	70%	164	-

Paraguay	26.63	45.57	71%	165	-
Comoros	0.54	0.92	72%	166	-
Cambodia	28.92	50.02	73%	167	-
Saudi Arabia	466.49	810.51	74%	168	67
United Arab Emirates	169.63	295.11	74%	169	65
Zambia	17.32	30.33	75%	170	-
Guyana	4.45	7.79	75%	171	-
Tanzania	50.95	89.38	75%	172	-
Burkina Faso	20.7	36.5	76%	173	-
Côte d'Ivoire	20.28	36.18	78%	174	-
Saint Helena, Ascension and Tristan da Cunha	0.01	0.02	78%	175	-
Indonesia(印尼)	694.31	1,240.83	79%	176	36
India(印度)	2,203.10	3,943.26	79%	177	7
Saint Lucia	0.24	0.43	80%	178	-
British Virgin Islands	0.04	0.08	81%	179	-
Senegal	16.96	30.61	81%	180	-
New Caledonia	3.14	5.69	81%	181	-
Kyrgyzstan	12.05	21.94	82%	182	-
Togo	6.06	11.09	83%	183	-
China(中國)	8,431.92	15,684.63	86%	184	51
Tajikistan	12.08	22.83	89%	185	-
Liberia	2.7	5.31	97%	186	-
Kenya	59.86	117.89	97%	187	-
Uganda	28.5	56.49	98%	188	-
Democratic Republic of the Congo	30.97	61.64	99%	189	-
Falkland Islands	0.01	0.03	100%	190	-
Niger	21.58	43.24	100%	191	-
Burundi	3.73	7.48	100%	192	-
Ethiopia	95.21	192.47	102%	193	-
Vietnam	239.9	489.16	104%	194	27
Türkiye	336.52	687.53	104%	195	56
Oman	66.65	137.24	106%	196	-
Guinea	13.78	29.28	112%	197	-
Cayman Islands	0.16	0.34	113%	198	-
Malawi	9.74	20.92	115%	199	-
Mali	22.42	49.38	120%	200	-
Mozambique	17.95	40.07	123%	201	-
Iraq	163.85	367.94	125%	202	-
Turks and Caicos Islands	0.04	0.1	127%	203	-
Qatar	83.45	194.65	133%	204	-
Benin	8.76	20.69	136%	205	-
Chad	36.55	89.84	146%	206	-
Mongolia	25.06	62.79	151%	207	-
Ghana	19.31	53.01	174%	208	-
Maldives	0.85	2.42	187%	209	-
Laos	11.74	36.86	214%	210	-