

Fossil Fuel Emissions by Year Calculations

Year	Total FFE	Cumulative FFE	% Cumul FFE of Total FFE	Backward Cumul %	# Years Ago
1751	3	3	0.00%	100.00%	259
1752	3	6	0.00%	100.00%	258
1753	3	9	0.00%	100.00%	257
1754	3	12	0.00%	100.00%	256
1755	3	15	0.00%	100.00%	255
1756	3	18	0.00%	100.00%	254
1757	3	21	0.00%	100.00%	253
1758	3	24	0.00%	100.00%	252
1759	3	27	0.00%	100.00%	251
1760	3	30	0.00%	100.00%	250
1761	3	33	0.00%	100.00%	249
1762	3	36	0.00%	100.00%	248
1763	3	39	0.00%	100.00%	247
1764	3	42	0.00%	100.00%	246
1765	3	45	0.00%	100.00%	245
1766	3	48	0.00%	100.00%	244
1767	3	51	0.00%	100.00%	243
1768	3	54	0.00%	100.00%	242
1769	3	57	0.00%	100.00%	241
1770	3	60	0.00%	100.00%	240
1771	4	64	0.00%	100.00%	239
1772	4	68	0.00%	99.99%	238
1773	4	72	0.00%	99.99%	237
1774	4	76	0.00%	99.99%	236
1775	4	80	0.00%	99.99%	235
1776	4	84	0.00%	99.99%	234
1777	4	88	0.00%	99.99%	233
1778	4	92	0.00%	99.99%	232
1779	4	96	0.00%	99.99%	231
1780	4	100	0.00%	99.99%	230
1781	5	105	0.00%	99.99%	229
1782	5	110	0.00%	99.99%	228
1783	5	115	0.00%	99.99%	227
1784	5	120	0.00%	99.99%	226
1785	5	125	0.00%	99.99%	225
1786	5	130	0.00%	99.98%	224
1787	5	135	0.00%	99.98%	223
1788	5	140	0.00%	99.98%	222
1789	5	145	0.00%	99.98%	221
1790	5	150	0.00%	99.98%	220
1791	6	156	0.00%	99.98%	219
1792	6	162	0.00%	99.98%	218
1793	6	168	0.00%	99.98%	217
1794	6	174	0.00%	99.98%	216

1795	6	180	0.00%	99.97%	215
1796	6	186	0.00%	99.97%	214
1797	7	193	0.00%	99.97%	213
1798	7	200	0.00%	99.97%	212
1799	7	207	0.00%	99.97%	211
1800	8	215	0.00%	99.97%	210
1801	8	223	0.00%	99.96%	209
1802	10	233	0.00%	99.96%	208
1803	9	242	0.00%	99.96%	207
1804	9	251	0.00%	99.96%	206
1805	9	260	0.00%	99.96%	205
1806	10	270	0.00%	99.96%	204
1807	10	280	0.00%	99.95%	203
1808	10	290	0.00%	99.95%	202
1809	10	300	0.00%	99.95%	201
1810	10	310	0.00%	99.95%	200
1811	11	321	0.00%	99.94%	199
1812	11	332	0.00%	99.94%	198
1813	11	343	0.00%	99.94%	197
1814	11	354	0.00%	99.94%	196
1815	12	366	0.00%	99.93%	195
1816	13	379	0.00%	99.93%	194
1817	14	393	0.00%	99.93%	193
1818	14	407	0.00%	99.92%	192
1819	14	421	0.00%	99.92%	191
1820	14	435	0.00%	99.92%	190
1821	14	449	0.00%	99.91%	189
1822	15	464	0.00%	99.91%	188
1823	16	480	0.00%	99.91%	187
1824	16	496	0.00%	99.90%	186
1825	17	513	0.00%	99.90%	185
1826	17	530	0.00%	99.90%	184
1827	18	548	0.00%	99.89%	183
1828	18	566	0.00%	99.89%	182
1829	18	584	0.00%	99.88%	181
1830	24	608	0.00%	99.88%	180
1831	23	631	0.00%	99.87%	179
1832	23	654	0.01%	99.87%	178
1833	24	678	0.01%	99.86%	177
1834	24	702	0.01%	99.86%	176
1835	25	727	0.01%	99.85%	175
1836	29	756	0.01%	99.85%	174
1837	29	785	0.01%	99.84%	173
1838	30	815	0.01%	99.84%	172
1839	31	846	0.01%	99.83%	171
1840	33	879	0.01%	99.82%	170
1841	34	913	0.01%	99.82%	169

1842	36	949	0.01%	99.81%	168
1843	37	986	0.01%	99.80%	167
1844	39	1,025	0.01%	99.79%	166
1845	43	1,068	0.01%	99.79%	165
1846	43	1,111	0.01%	99.78%	164
1847	46	1,157	0.01%	99.77%	163
1848	47	1,204	0.01%	99.76%	162
1849	50	1,254	0.01%	99.75%	161
1850	54	1,308	0.01%	99.74%	160
1851	54	1,362	0.01%	99.73%	159
1852	57	1,419	0.01%	99.72%	158
1853	59	1,478	0.01%	99.71%	157
1854	69	1,547	0.01%	99.70%	156
1855	71	1,618	0.01%	99.69%	155
1856	76	1,694	0.01%	99.67%	154
1857	77	1,771	0.01%	99.66%	153
1858	78	1,849	0.01%	99.65%	152
1859	83	1,932	0.01%	99.63%	151
1860	91	2,023	0.02%	99.62%	150
1861	95	2,118	0.02%	99.60%	149
1862	97	2,215	0.02%	99.59%	148
1863	104	2,319	0.02%	99.57%	147
1864	112	2,431	0.02%	99.55%	146
1865	119	2,550	0.02%	99.53%	145
1866	122	2,672	0.02%	99.51%	144
1867	130	2,802	0.02%	99.49%	143
1868	135	2,937	0.02%	99.47%	142
1869	142	3,079	0.02%	99.45%	141
1870	147	3,226	0.03%	99.42%	140
1871	156	3,382	0.03%	99.40%	139
1872	173	3,555	0.03%	99.37%	138
1873	184	3,739	0.03%	99.34%	137
1874	174	3,913	0.03%	99.31%	136
1875	188	4,101	0.03%	99.28%	135
1876	191	4,292	0.03%	99.25%	134
1877	194	4,486	0.03%	99.22%	133
1878	196	4,682	0.04%	99.18%	132
1879	210	4,892	0.04%	99.15%	131
1880	236	5,128	0.04%	99.11%	130
1881	243	5,371	0.04%	99.07%	129
1882	256	5,627	0.04%	99.03%	128
1883	272	5,899	0.05%	98.98%	127
1884	275	6,174	0.05%	98.94%	126
1885	277	6,451	0.05%	98.89%	125
1886	281	6,732	0.05%	98.84%	124
1887	295	7,027	0.05%	98.79%	123
1888	327	7,354	0.06%	98.73%	122

1889	327	7,681	0.06%	98.68%	121
1890	356	8,037	0.06%	98.62%	120
1891	372	8,409	0.07%	98.56%	119
1892	374	8,783	0.07%	98.49%	118
1893	370	9,153	0.07%	98.42%	117
1894	383	9,536	0.07%	98.35%	116
1895	406	9,942	0.08%	98.28%	115
1896	419	10,361	0.08%	98.20%	114
1897	440	10,801	0.08%	98.12%	113
1898	465	11,266	0.09%	98.04%	112
1899	507	11,773	0.09%	97.95%	111
1900	534	12,307	0.10%	97.86%	110
1901	552	12,859	0.10%	97.76%	109
1902	566	13,425	0.10%	97.66%	108
1903	617	14,042	0.11%	97.56%	107
1904	624	14,666	0.11%	97.45%	106
1905	663	15,329	0.12%	97.34%	105
1906	707	16,036	0.12%	97.22%	104
1907	784	16,820	0.13%	97.09%	103
1908	750	17,570	0.14%	96.96%	102
1909	785	18,355	0.14%	96.83%	101
1910	819	19,174	0.15%	96.68%	100
1911	836	20,010	0.16%	96.53%	99
1912	879	20,889	0.16%	96.38%	98
1913	943	21,832	0.17%	96.22%	97
1914	850	22,682	0.18%	96.05%	96
1915	838	23,520	0.18%	95.87%	95
1916	901	24,421	0.19%	95.69%	94
1917	955	25,376	0.20%	95.50%	93
1918	936	26,312	0.20%	95.30%	92
1919	806	27,118	0.21%	95.10%	91
1920	932	28,050	0.22%	94.89%	90
1921	803	28,853	0.22%	94.67%	89
1922	845	29,698	0.23%	94.45%	88
1923	970	30,668	0.24%	94.22%	87
1924	963	31,631	0.25%	93.98%	86
1925	975	32,606	0.25%	93.73%	85
1926	983	33,589	0.26%	93.48%	84
1927	1,062	34,651	0.27%	93.22%	83
1928	1,065	35,716	0.28%	92.95%	82
1929	1,145	36,861	0.29%	92.67%	81
1930	1,053	37,914	0.29%	92.39%	80
1931	940	38,854	0.30%	92.09%	79
1932	847	39,701	0.31%	91.79%	78
1933	893	40,594	0.31%	91.49%	77
1934	973	41,567	0.32%	91.17%	76
1935	1,027	42,594	0.33%	90.85%	75

1936	1,130	43,724	0.34%	90.52%	74
1937	1,209	44,933	0.35%	90.18%	73
1938	1,142	46,075	0.36%	89.83%	72
1939	1,192	47,267	0.37%	89.47%	71
1940	1,299	48,566	0.38%	89.11%	70
1941	1,334	49,900	0.39%	88.73%	69
1942	1,342	51,242	0.40%	88.34%	68
1943	1,391	52,633	0.41%	87.95%	67
1944	1,383	54,016	0.42%	87.54%	66
1945	1,160	55,176	0.43%	87.12%	65
1946	1,238	56,414	0.44%	86.69%	64
1947	1,392	57,806	0.45%	86.25%	63
1948	1,469	59,275	0.46%	85.80%	62
1949	1,419	60,694	0.47%	85.34%	61
1950	1,630	62,324	0.48%	84.87%	60
1951	1,767	64,091	0.50%	84.39%	59
1952	1,795	65,886	0.51%	83.89%	58
1953	1,841	67,727	0.53%	83.38%	57
1954	1,865	69,592	0.54%	82.86%	56
1955	2,042	71,634	0.56%	82.32%	55
1956	2,177	73,811	0.57%	81.76%	54
1957	2,270	76,081	0.59%	81.19%	53
1958	2,330	78,411	0.61%	80.60%	52
1959	2,454	80,865	0.63%	79.99%	51
1960	2,569	83,434	0.65%	79.36%	50
1961	2,580	86,014	0.67%	78.72%	49
1962	2,686	88,700	0.69%	78.05%	48
1963	2,833	91,533	0.71%	77.36%	47
1964	2,995	94,528	0.73%	76.65%	46
1965	3,130	97,658	0.76%	75.92%	45
1966	3,288	100,946	0.78%	75.16%	44
1967	3,393	104,339	0.81%	74.38%	43
1968	3,566	107,905	0.84%	73.57%	42
1969	3,780	111,685	0.87%	72.73%	41
1970	4,053	115,738	0.90%	71.87%	40
1971	4,208	119,946	0.93%	70.97%	39
1972	4,376	124,322	0.96%	70.04%	38
1973	4,614	128,936	1.00%	69.07%	37
1974	4,623	133,559	1.04%	68.07%	36
1975	4,596	138,155	1.07%	67.04%	35
1976	4,864	143,019	1.11%	65.97%	34
1977	5,026	148,045	1.15%	64.86%	33
1978	5,087	153,132	1.19%	63.71%	32
1979	5,369	158,501	1.23%	62.52%	31
1980	5,315	163,816	1.27%	61.29%	30
1981	5,152	168,968	1.31%	60.02%	29
1982	5,113	174,081	1.35%	58.71%	28

1983	5,094	179,175	1.39%	57.36%	27
1984	5,280	184,455	1.43%	55.97%	26
1985	5,439	189,894	1.47%	54.54%	25
1986	5,607	195,501	1.52%	53.07%	24
1987	5,752	201,253	1.56%	51.55%	23
1988	5,965	207,218	1.61%	49.99%	22
1989	6,097	213,315	1.65%	48.38%	21
1990	6,127	219,442	1.70%	46.73%	20
1991	6,217	225,659	1.75%	45.03%	19
1992	6,164	231,823	1.80%	43.28%	18
1993	6,162	237,985	1.85%	41.48%	17
1994	6,266	244,251	1.89%	39.63%	16
1995	6,398	250,649	1.94%	37.74%	15
1996	6,542	257,191	1.99%	35.79%	14
1997	6,651	263,842	2.05%	33.80%	13
1998	6,643	270,485	2.10%	31.75%	12
1999	6,610	277,095	2.15%	29.65%	11
2000	6,765	283,860	2.20%	27.51%	10
2001	6,927	290,787	2.26%	25.30%	9
2002	6,996	297,783	2.31%	23.05%	8
2003	7,416	305,199	2.37%	20.74%	7
2004	7,807	313,006	2.43%	18.37%	6
2005	8,093	321,099	2.49%	15.94%	5
2006	8,370	329,469	2.56%	13.45%	4
2007	8,566	338,035	2.62%	10.90%	3
2008	8,783	346,818	2.69%	8.28%	2
2009	8,740	355,558	2.76%	5.59%	1
2010	9,167	364,725	2.83%	2.83%	0
		12,893,216	100.00%		

.27% BETWEEN 1751 AND 1850