

Appendix C-1
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs - Total

Source Category	Year 1											
	No. Respondents (1)	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
Coverage Determination	19848	1	19848	258019	0	0	0	258019	\$14,242,626	\$0	\$2,977,138	\$17,219,763
C. Stationary Combustion (general unspecified)	3000	48	143083	365651	0	0	0	365651	\$20,153,066	\$1,296,916	\$4,332,350	\$25,782,332
D. Electricity Generation	1092	3	3231	58537	0	0	0	58537	\$3,231,000	\$0	\$0	\$3,231,000
E. Adipic Acid Prod.	4	25	100	841	143	90	4	1078	\$59,635	\$204	\$34,844	\$94,683
F. Aluminum Production	14	9	126	2365	1166	64	0	3595	\$215,283	\$0	\$2,500	\$217,783
G. Ammonia Manufacturing	23	104	2392	3604	323	105	23	4055	\$227,318	\$1,172	\$146,280	\$374,770
H. Cement Production	107	90	9646	62041	2788	434	107	65370	\$3,636,046	\$596,336	\$2,547,350	\$6,779,731
K. Ferroalloy Production	9	94	846	959	109	59	9	1135	\$63,290	\$0	\$17,760	\$81,050
N. Glass Production	55	98	5390	5807	663	223	55	6748	\$379,780	\$0	\$83,050	\$462,830
O. HCFC-22 Production and HFC-23 Destruction	3	86	258	352	19	87	0	459	\$23,389	\$0	\$0	\$23,389
P. Hydrogen Production	41	19	797	4316	288	155	21	4780	\$265,379	\$0	\$103,160	\$368,539
Q. Iron and Steel Production	121	86	10406	50188	2461	14963	0	67612	\$3,388,702	\$0	\$272,809	\$3,661,511
R. Lead Production	13	98	1274	1528	157	72	13	1770	\$98,954	\$0	\$26,780	\$125,734
S. Lime Manufacturing	89	543	48327	47993	1073	361	89	49516	\$2,735,870	\$536,100	\$2,049,562	\$5,321,532
U. Misc. Uses of Carbonate	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
V. Nitric Acid Production	45	48	2143	6905	2785	702	45	10438	\$603,940	\$24,094	\$261,713	\$889,748
X. Petrochemical Prod.	80	86	6880	19041	952	1904	0	21897	\$1,309,314	\$0	\$872,920	\$2,182,234
Y. Petroleum Refineries	150	86	12900	81083	3666	6862	0	91611	\$5,708,360	\$177,648	\$229,640	\$6,115,648
Z. Phosphoric Acid Prod	14	543	7602	7549	169	57	14	7789	\$430,362	\$84,330	\$322,403	\$837,095
AA. Pulp & Paper Mnfctrng	425	86	36550	37109	1724	1724	0	40558	\$2,222,016	\$6,260,675	\$157,675	\$8,640,366
BB. Silicon Carbide Production	1	31	31	153	14	5	1	173	\$9,685	\$0	\$200	\$9,885
CC. Soda Ash Manufacturing	5	87	435	953	233	60	5	1251	\$71,431	\$0	\$9,050	\$80,481
EE. Titanium Dioxide Production	8	87	696	1257	112	40	8	1418	\$79,368	\$0	\$3,200	\$82,568
GG. Zinc Production	5	105	526	779	60	30	5	875	\$48,695	\$843	\$8,000	\$57,539
HH. Landfills	2524	86	217064	192835	9642	19284	0	221760	\$11,901,113	\$138,568	\$267,413	\$12,307,094
JJ. Manure Management	107	85	9152	5434	0	434	0	5867	\$329,324	\$961	\$200	\$330,485
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.	315	93	29154	25174	18188	0	2034	45396	\$3,655,251	\$0	\$0	\$3,655,251
NN. Supplies of Nat Gas and Nat Gas Liquids	1502	69	103802	67308	15754	17614	12502	113177	\$6,762,859	\$0	\$0	\$6,762,859
OO. Suppliers of Industrial GHG	167	9	1503	7244	1282	678	0	9203	\$510,987	\$0	\$0	\$510,987
PP. Suppliers of CO2	13	30	390	461	66	53	0	579	\$31,676	\$0	\$0	\$31,676
Mobile Sources	317	1	350	112544	14068	14068		140680	\$8,605,100			\$8,605,100
TOTAL	29957	Varies	674900	1428031	77905	80127	14934	1600997	\$90,999,818	\$9,117,847	\$14,725,997	\$114,843,662

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-1
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs - Total

Source Category	Year 2											
	No. Respondents	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
Coverage Determination												
C. Stationary Combustion (general unspecified)	3000	47	140309	304322	0	0	0	304322	\$16,797,346	\$1,296,916	\$3,473,596	\$21,567,857
D. Electricity Generation	1092	3	3231	58537	0	0	0	58537	\$3,231,000	\$0	\$0	\$3,231,000
E. Adipic Acid Prod.	4	22	88	556	119	58	4	737	\$41,254	\$204	\$32,844	\$74,302
F. Aluminum Production	14	9	126	2365	1166	64	0	3595	\$215,283	\$0	\$2,500	\$217,783
G. Ammonia Manufacturing	23	101	2323	1919	185	105	23	2233	\$124,544	\$1,172	\$134,780	\$260,496
H. Cement Production	107	504	53953	27764	2360	434	107	30665	\$1,723,803	\$596,336	\$1,835,263	\$4,155,401
K. Ferroalloy Production	9	93	834	610	55	59	9	733	\$40,207	\$0	\$14,760	\$54,967
N. Glass Production	55	96	5280	3765	333	223	55	4376	\$243,657	\$0	\$55,550	\$299,207
O. HCFC-22 Production and HFC-23 Destruction	3	86	258	352	19	87	0	459	\$23,389	\$0	\$0	\$23,389
P. Hydrogen Production	41	17	695	2687	165	155	21	3027	\$166,702	\$0	\$77,660	\$244,362
Q. Iron and Steel Production	121	86	10406	24695	1124	8968	0	34788	\$1,708,884	\$0	\$272,602	\$1,981,486
R. Lead Production	13	96	1248	968	79	72	13	1132	\$62,475	\$0	\$20,280	\$82,755
S. Lime Manufacturing	89	538	47882	18419	539	361	89	19408	\$1,074,656	\$536,100	\$1,409,403	\$3,020,159
U. Misc. Uses of Carbonate	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
V. Nitric Acid Production	45	47	2123	5084	2510	702	45	8341	\$484,271	\$24,094	\$232,942	\$741,307
X. Petrochemical Prod.	80	86	6880	14095	705	1409	0	16209	\$969,197	\$0	\$739,620	\$1,708,817
Y. Petroleum Refineries	150	86	12900	52713	2248	4025	0	58986	\$3,667,976	\$177,648	\$229,640	\$4,075,264
Z. Phosphoric Acid Prod	14	538	7532	2897	85	57	14	3053	\$169,047	\$84,330	\$221,704	\$475,081
AA. Pulp & Paper Mnfctrng	425	86	36550	37109	1724	1724	0	40558	\$2,222,016	\$6,260,675	\$157,675	\$8,640,366
BB. Silicon Carbide Production	1	31	31	139	8	5	1	153	\$8,486	\$0	\$200	\$8,686
CC. Soda Ash Manufacturing	5	87	435	893	203	60	5	1161	\$65,988	\$0	\$9,050	\$75,038
EE. Titanium Dioxide Production	8	87	696	1129	64	40	8	1242	\$68,893	\$0	\$3,200	\$72,093
GG. Zinc Production	5	102	510	478	30	30	5	544	\$29,954	\$843	\$4,000	\$34,797
HH. Landfills	2524	86	217064	81734	4087	8173	0	93994	\$5,044,316	\$138,568	\$267,413	\$5,450,297
JJ. Manure Management	107	85	9152	4570	0	0	0	4570	\$279,546	\$961	\$200	\$280,707
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.	315	93	29154	7060	5085	0	75177	87322	\$1,068,407	\$0	\$0	\$1,068,407
NN. Supplies of Nat Gas and Nat Gas Liquids	1502	69	103802	55702	12394	16612	4518	89227	\$5,016,593	\$0	\$0	\$5,016,593
OO. Suppliers of Industrial GHG	167	9	1503	7244	1282	678	0	9203	\$510,987	\$0	\$0	\$510,987
PP. Suppliers of CO2	13	30	390	461	66	53	0	579	\$31,676	\$0	\$0	\$31,676
Mobile Sources	317	1	317	112544	14068	14068	0	140680	\$8,605,100	\$0	\$0	\$8,605,100
TOTAL	10109	Varies	695671	830812	50702	58224	80093	1019832	\$53,695,651	\$9,117,847	\$9,194,881	\$72,008,379

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-1
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs - Total

Source Category	Year 3											
	No. Respondents	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
Coverage Determination												
C. Stationary Combustion (general unspecified)	3000	47	140309	304322	0	0	0	304322	\$16,797,346	\$1,296,916	\$3,473,596	\$21,567,857
D. Electricity Generation	1092	3	3231	58537	0	0	0	58537	\$3,231,000	\$0	\$0	\$3,231,000
E. Adipic Acid Prod.	4	22	88	556	119	58	4	737	\$41,254	\$204	\$32,844	\$74,302
F. Aluminum Production	14	9	126	2365	1166	64	0	3595	\$215,283	\$0	\$2,500	\$217,783
G. Ammonia Manufacturing	23	101	2323	1919	185	105	23	2233	\$124,544	\$1,172	\$134,780	\$260,496
H. Cement Production	107	504	53953	27764	2360	434	107	30665	\$1,723,803	\$596,336	\$1,835,263	\$4,155,401
K. Ferroalloy Production	9	93	834	610	55	59	9	733	\$40,207	\$0	\$14,760	\$54,967
N. Glass Production	55	96	5280	3765	333	223	55	4376	\$243,657	\$0	\$55,550	\$299,207
O. HCFC-22 Production and HFC-23 Destruction	3	86	258	352	19	87	0	459	\$23,389	\$0	\$0	\$23,389
P. Hydrogen Production	41	17	695	2687	165	155	21	3027	\$166,702	\$0	\$77,660	\$244,362
Q. Iron and Steel Production	121	86	10406	24695	1124	8968	0	34788	\$1,708,884	\$0	\$272,602	\$1,981,486
R. Lead Production	13	96	1248	968	79	72	13	1132	\$62,475	\$0	\$20,280	\$82,755
S. Lime Manufacturing	89	538	47882	18419	539	361	89	19408	\$1,074,656	\$536,100	\$1,409,403	\$3,020,159
U. Misc. Uses of Carbonate	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
V. Nitric Acid Production	45	47	2123	5084	2510	702	45	8341	\$484,271	\$24,094	\$232,942	\$741,307
X. Petrochemical Prod.	80	86	6880	14095	705	1409	0	16209	\$969,197	\$0	\$739,620	\$1,708,817
Y. Petroleum Refineries	150	86	12900	52713	2248	4025	0	58986	\$3,667,976	\$177,648	\$229,640	\$4,075,264
Z. Phosphoric Acid Prod	14	538	7532	2897	85	57	14	3053	\$169,047	\$84,330	\$221,704	\$475,081
AA. Pulp & Paper Mnfctrng	425	86	36550	37109	1724	1724	0	40558	\$2,222,016	\$6,260,675	\$157,675	\$8,640,366
BB. Silicon Carbide Production	1	31	31	139	8	5	1	153	\$8,486	\$0	\$200	\$8,686
CC. Soda Ash Manufacturing	5	87	435	893	203	60	5	1161	\$65,988	\$0	\$9,050	\$75,038
EE. Titanium Dioxide Production	8	87	696	1129	64	40	8	1242	\$68,893	\$0	\$3,200	\$72,093
GG. Zinc Production	5	102	510	478	30	30	5	544	\$29,954	\$843	\$4,000	\$34,797
HH. Landfills	2524	86	217064	81734	4087	8173	0	93994	\$5,044,316	\$138,568	\$267,413	\$5,450,297
JJ. Manure Management	107	85	9152	4570	0	0	0	4570	\$279,546	\$961	\$200	\$280,707
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.	315	93	29154	7060	5085	0	75177	87322	\$1,068,407	\$0	\$0	\$1,068,407
NN. Supplies of Nat Gas and Nat Gas Liquids	1502	69	103802	55702	12394	16612	4518	89227	\$5,016,593	\$0	\$0	\$5,016,593
OO. Suppliers of Industrial GHG	167	9	1503	7244	1282	678	0	9203	\$510,987	\$0	\$0	\$510,987
PP. Suppliers of CO2	13	30	390	461	66	53	0	579	\$31,676	\$0	\$0	\$31,676
Mobile Sources	317	1	317	112544	14068	14068	0	140680	\$8,605,100	\$0	\$0	\$8,605,100
TOTAL	10109	Varies	695671	830812	50702	58224	80093	1019832	\$53,695,651	\$9,117,847	\$9,194,881	\$72,008,379

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-1
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs - Total

Source Category	Annual Average - 3 year ICR Period											
	No. Respondents	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
Coverage Determination	6616	1	6616	86006	0	0	0	86006	\$4,747,542	\$0	\$992,379	\$5,739,921
C. Stationary Combustion (general unspecified)	3000	47	141234	324765	0	0	0	324765	\$17,915,919	\$1,296,916	\$3,759,847	\$22,972,682
D. Electricity Generation	1092	3	3231	58537	0	0	0	58537	\$3,231,000	\$0	\$0	\$3,231,000
E. Adipic Acid Prod.	4	23	92	651	127	68	4	850	\$47,381	\$204	\$33,511	\$81,095
F. Aluminum Production	14	9	126	2365	1166	64	0	3595	\$215,283	\$0	\$2,500	\$217,783
G. Ammonia Manufacturing	23	102	2346	2481	231	105	23	2840	\$158,802	\$1,172	\$138,613	\$298,587
H. Cement Production	107	366	39184	39190	2503	434	107	42234	\$2,361,217	\$596,336	\$2,072,625	\$5,030,178
K. Ferroalloy Production	9	93	838	726	73	59	9	867	\$47,901	\$0	\$15,760	\$63,661
N. Glass Production	55	97	5317	4446	443	223	55	5167	\$289,031	\$0	\$64,717	\$353,748
O. HCFC-22 Production and HFC-23 Destruction	3	86	258	352	19	87	0	459	\$23,389	\$0	\$0	\$23,389
P. Hydrogen Production	41	18	729	3230	206	155	21	3612	\$199,594	\$0	\$86,160	\$285,754
Q. Iron and Steel Production	121	86	10406	33193	1570	10966	0	45729	\$2,268,823	\$0	\$272,671	\$2,541,494
R. Lead Production	13	97	1257	1155	105	72	13	1345	\$74,635	\$0	\$22,447	\$97,081
S. Lime Manufacturing	89	540	48030	28277	717	361	89	29444	\$1,628,394	\$536,100	\$1,622,789	\$3,787,283
U. Misc. Uses of Carbonate	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
V. Nitric Acid Production	45	47	2130	5691	2601	702	45	9040	\$524,161	\$24,094	\$242,532	\$790,787
X. Petrochemical Prod.	80	86	6880	15743	787	1574	0	18105	\$1,082,569	\$0	\$784,053	\$1,866,623
Y. Petroleum Refineries	150	86	12900	62170	2720	4971	0	69861	\$4,348,104	\$177,648	\$229,640	\$4,755,392
Z. Phosphoric Acid Prod	14	540	7555	4448	113	57	14	4632	\$256,152	\$84,330	\$255,270	\$595,752
AA. Pulp & Paper Mnfctrng	425	86	36550	37109	1724	1724	0	40558	\$2,222,016	\$6,260,675	\$157,675	\$8,640,366
BB. Silicon Carbide Production	1	31	31	144	10	5	1	159	\$8,886	\$0	\$200	\$9,086
CC. Soda Ash Manufacturing	5	87	435	913	213	60	5	1191	\$67,802	\$0	\$9,050	\$76,852
EE. Titanium Dioxide Production	8	87	696	1171	80	40	8	1300	\$72,384	\$0	\$3,200	\$75,584
GG. Zinc Production	5	103	515	579	40	30	5	654	\$36,201	\$843	\$5,333	\$42,378
HH. Landfills	2524	86	217064	118768	5938	11877	0	136583	\$7,329,915	\$138,568	\$267,413	\$7,735,896
JJ. Manure Management	107	85	9152	4858	0	145	0	5003	\$296,139	\$961	\$200	\$297,300
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.	315	93	29154	13098	9453	0	50796	73347	\$1,930,688	\$0	\$0	\$1,930,688
NN. Supplies of Nat Gas and Nat Gas Liquids	1502	69	103802	59571	13514	16946	7179	97210	\$5,598,682	\$0	\$0	\$5,598,682
OO. Suppliers of Industrial GHG	167	9	1503	7244	1282	678	0	9203	\$510,987	\$0	\$0	\$510,987
PP. Suppliers of CO2	13	30	390	461	66	53	0	579	\$31,676	\$0	\$0	\$31,676
Mobile Sources	317	1	328	112544	14068	14068	0	140680	\$8,605,100	\$0	\$0	\$8,605,100
TOTAL	16725	Varies	688748	1029885	59770	65525	58374	1213554	\$66,130,373	\$9,117,847	\$11,038,586	\$86,286,807

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-2
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Stationary Combustion

Source Category	Year 1											
	No. Respondents (1)	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)	3000	Varies	143083	365651	0	0	0	365651	\$20,153,066	\$1,296,916	\$4,332,350	\$25,782,332
D. Electricity Generation	1092	1	3231	58537	0	0	0	58537	\$3,231,000	\$0	\$0	\$3,231,000
E. Adipic Acid Prod.	4	18	72	413	0	0	0	413	\$22,793	\$204	\$24,640	\$47,636
F. Aluminum Production												
G. Ammonia Manufacturing	23	18	414	2374	0	0	0	2374	\$131,057	\$1,172	\$141,680	\$273,909
H. Cement Production	102	444	45246	48724	0	0	0	48724	\$2,679,280	\$596,336	\$2,279,850	\$5,555,465
K. Ferroalloy Production	6	12	72	343	0	0	0	343	\$18,916	\$0	\$8,760	\$27,676
N. Glass Production	55	12	660	3141	0	0	0	3141	\$173,396	\$0	\$80,300	\$253,696
O. HCFC-22 Production and HFC-23 Destruction												
P. Hydrogen Production	41	12	612	2913	0	0	0	2913	\$160,785	\$0	\$74,460	\$235,245
Q. Iron and Steel Production												
R. Lead Production	13	12	156	743	0	0	0	743	\$40,984	\$0	\$18,980	\$59,964
S. Lime Manufacturing	85	457	40673	43681	0	0	0	43681	\$2,401,903	\$536,100	\$2,049,562	\$4,987,565
U. Misc. Uses of Carbonate												
V. Nitric Acid Production	4	457	1828	1963	0	0	0	1963	\$107,951	\$24,094	\$92,115	\$224,160
X. Petrochemical Prod.												
Y. Petroleum Refineries												
Z. Phosphoric Acid Prod	14	457	6398	6871	0	0	0	6871	\$377,827	\$84,330	\$322,403	\$784,561
AA. Pulp & Paper Mnfctrng												
BB. Silicon Carbide Prod	1	1	1	100	0	0	0	100	\$5,500	\$0	\$0	\$5,500
CC. Soda Ash Manufacturing	5	1	5	498	0	0	0	498	\$27,500	\$0	\$0	\$27,500
EE. Titanium Dioxide Prod	8	1	8	797	0	0	0	797	\$44,000	\$0	\$0	\$44,000
GG. Zinc Production	5	12	96	457	0	0	0	457	\$25,221	\$843	\$4,000	\$30,064
HH. Landfills												
JJ. Manure Management												
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.												
NN. Supplies of Nat Gas and Nat Gas Liquids												
OO. Suppliers of Industrial GHG												
PP. Suppliers of CO2												
TOTAL	4458	Varies	242555	537206	0	0	0	537206	\$29,601,178	\$2,539,995	\$9,429,100	\$41,570,273

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-2
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Stationary Combustion

Source Category	Year 2											
	No. Respondents	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)	3000	Varies	140309	304322	0	0	0	304322	\$16,797,346	\$1,296,916	\$3,473,596	\$21,567,857
D. Electricity Generation	1092	1	3231	58537	0	0	0	58537	\$3,231,000	\$0	\$0	\$3,231,000
E. Adipic Acid Prod.	4	15	60	176	0	0	0	176	\$9,715	\$204	\$22,640	\$32,558
F. Aluminum Production												
G. Ammonia Manufacturing	23	15	345	1012	0	0	0	1012	\$55,858	\$1,172	\$130,180	\$187,210
H. Cement Production	102	439	44751	17015	0	0	0	17015	\$939,182	\$596,336	\$1,567,763	\$3,103,280
K. Ferroalloy Production	6	10	60	192	0	0	0	192	\$10,598	\$0	\$5,760	\$16,358
N. Glass Production	55	10	550	1760	0	0	0	1760	\$97,145	\$0	\$52,800	\$149,945
O. HCFC-22 Production and HFC-23 Destruction												
P. Hydrogen Production	41	10	510	1632	0	0	0	1632	\$90,080	\$0	\$48,960	\$139,040
Q. Iron and Steel Production												
R. Lead Production	13	10	130	416	0	0	0	416	\$22,962	\$0	\$12,480	\$35,442
S. Lime Manufacturing	85	452	40228	15175	0	0	0	15175	\$837,572	\$536,100	\$1,409,403	\$2,783,075
U. Misc. Uses of Carbonate												
V. Nitric Acid Production	4	452	1808	682	0	0	0	682	\$37,644	\$24,094	\$63,344	\$125,082
X. Petrochemical Prod.												
Y. Petroleum Refineries												
Z. Phosphoric Acid Prod	14	452	6328	2387	0	0	0	2387	\$131,753	\$84,330	\$221,704	\$437,787
AA. Pulp & Paper Mnfctrng												
BB. Silicon Carbide Prod	1	1	1	100	0	0	0	100	\$5,500	\$0	\$0	\$5,500
CC. Soda Ash Manufacturing	5	1	5	498	0	0	0	498	\$27,500	\$0	\$0	\$27,500
EE. Titanium Dioxide Prod	8	1	8	797	0	0	0	797	\$44,000	\$0	\$0	\$44,000
GG. Zinc Production	5	10	80	256	0	0	0	256	\$14,130	\$843	\$0	\$14,973
HH. Landfills												
JJ. Manure Management												
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.												
NN. Supplies of Nat Gas and Nat Gas Liquids												
OO. Suppliers of Industrial GHG												
PP. Suppliers of CO2												
TOTAL	4458	Varies	238404	404956	0	0	0	404956	\$22,351,984	\$2,539,995	\$7,008,629	\$31,900,608

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-2
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Stationary Combustion

Source Category	Year 3											
	No. Respondents	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)	3000	Varies	140309	304322	0	0	0	304322	\$16,797,346	\$1,296,916	\$3,473,596	\$21,567,857
D. Electricity Generation	1092	1	3231	58537	0	0	0	58537	\$3,231,000	\$0	\$0	\$3,231,000
E. Adipic Acid Prod.	4	15	60	176	0	0	0	176	\$9,715	\$204	\$22,640	\$32,558
F. Aluminum Production												
G. Ammonia Manufacturing	23	15	345	1012	0	0	0	1012	\$55,858	\$1,172	\$130,180	\$187,210
H. Cement Production	102	439	44751	17015	0	0	0	17015	\$939,182	\$596,336	\$1,567,763	\$3,103,280
K. Ferroalloy Production	6	10	60	192	0	0	0	192	\$10,598	\$0	\$5,760	\$16,358
N. Glass Production	55	10	550	1760	0	0	0	1760	\$97,145	\$0	\$52,800	\$149,945
O. HCFC-22 Production and HFC-23 Destruction												
P. Hydrogen Production	41	10	510	1632	0	0	0	1632	\$90,080	\$0	\$48,960	\$139,040
Q. Iron and Steel Production												
R. Lead Production	13	10	130	416	0	0	0	416	\$22,962	\$0	\$12,480	\$35,442
S. Lime Manufacturing	85	452	40228	15175	0	0	0	15175	\$837,572	\$536,100	\$1,409,403	\$2,783,075
U. Misc. Uses of Carbonate												
V. Nitric Acid Production	4	452	1808	682	0	0	0	682	\$37,644	\$24,094	\$63,344	\$125,082
X. Petrochemical Prod.												
Y. Petroleum Refineries												
Z. Phosphoric Acid Prod	14	452	6328	2387	0	0	0	2387	\$131,753	\$84,330	\$221,704	\$437,787
AA. Pulp & Paper Mnfctrng												
BB. Silicon Carbide Prod	1	1	1	100	0	0	0	100	\$5,500	\$0	\$0	\$5,500
CC. Soda Ash Manufacturing	5	1	5	498	0	0	0	498	\$27,500	\$0	\$0	\$27,500
EE. Titanium Dioxide Prod	8	1	8	797	0	0	0	797	\$44,000	\$0	\$0	\$44,000
GG. Zinc Production	5	10	80	256	0	0	0	256	\$14,130	\$843	\$0	\$14,973
HH. Landfills												
JJ. Manure Management												
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.												
NN. Supplies of Nat Gas and Nat Gas Liquids												
OO. Suppliers of Industrial GHG												
PP. Suppliers of CO2												
TOTAL	4458	Varies	238404	404956	0	0	0	404956	\$22,351,984	\$2,539,995	\$7,008,629	\$31,900,608

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-2
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Stationary Combustion

Source Category	Annual Average - 3 year ICR Period											
	No. Respondents	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)	3000	Varies	141234	324765	0	0	0	324765	\$17,915,919	\$1,296,916	\$3,759,847	\$22,972,682
D. Electricity Generation	1092	1	3231	58537	0	0	0	58537	\$3,231,000	\$0	\$0	\$3,231,000
E. Adipic Acid Prod.	4	16	64	255	0	0	0	255	\$14,074	\$204	\$23,307	\$37,584
F. Aluminum Production	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
G. Ammonia Manufacturing	23	16	368	1466	0	0	0	1466	\$80,925	\$1,172	\$134,013	\$216,110
H. Cement Production	102	440	44916	27585	0	0	0	27585	\$1,519,214	\$596,336	\$1,805,125	\$3,920,675
K. Ferroalloy Production	6	11	64	242	0	0	0	242	\$13,370	\$0	\$6,760	\$20,130
N. Glass Production	55	11	587	2220	0	0	0	2220	\$122,562	\$0	\$61,967	\$184,529
O. HCFC-22 Production and HFC-23 Destruction	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
P. Hydrogen Production	41	11	544	2059	0	0	0	2059	\$113,648	\$0	\$57,460	\$171,108
Q. Iron and Steel Production	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
R. Lead Production	13	11	139	525	0	0	0	525	\$28,969	\$0	\$14,647	\$43,616
S. Lime Manufacturing	85	454	40376	24677	0	0	0	24677	\$1,359,016	\$536,100	\$1,622,789	\$3,517,905
U. Misc. Uses of Carbonate	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
V. Nitric Acid Production	4	454	1815	1109	0	0	0	1109	\$61,079	\$24,094	\$72,934	\$158,108
X. Petrochemical Prod.	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
Y. Petroleum Refineries	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
Z. Phosphoric Acid Prod	14	454	6351	3882	0	0	0	3882	\$213,778	\$84,330	\$255,270	\$553,378
AA. Pulp & Paper Mnfctrng	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
BB. Silicon Carbide Prod	1	1	1	100	0	0	0	100	\$5,500	\$0	\$0	\$5,500
CC. Soda Ash Manufacturing	5	1	5	498	0	0	0	498	\$27,500	\$0	\$0	\$27,500
EE. Titanium Dioxide Prod	8	1	8	797	0	0	0	797	\$44,000	\$0	\$0	\$44,000
GG. Zinc Production	5	11	85	323	0	0	0	323	\$17,827	\$843	\$1,333	\$20,004
HH. Landfills	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
JJ. Manure Management	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
NN. Supplies of Nat Gas and Nat Gas Liquids	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
OO. Suppliers of Industrial GHG	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
PP. Suppliers of CO2	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
TOTAL	4458	Varies	239788	449039	0	0	0	449039	\$24,768,382	\$2,539,995	\$7,815,452	\$35,123,830

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-3
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Industrial Processes

Source Category	Year 1											
	No. Respondents (1)	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)												
D. Electricity Generation												
E. Adipic Acid Prod.	4	7	28	428	143	90	4	665	\$36,842	\$0	\$10,204	\$47,046
F. Aluminum Production	14	9	126	2365	1166	64	0	3595	\$215,283	\$0	\$2,500	\$217,783
G. Ammonia Manufacturing	23	86	1978	1229	323	105	23	1681	\$96,261	\$0	\$4,600	\$100,861
H. Cement Production	107	86	9202	13317	2788	434	107	16646	\$956,766	\$0	\$267,500	\$1,224,266
K. Ferroalloy Production	9	86	774	616	109	59	9	793	\$44,374	\$0	\$9,000	\$53,374
N. Glass Production	55	86	4730	2665	663	223	55	3606	\$206,384	\$0	\$2,750	\$209,134
O. HCFC-22 Production and HFC-23 Destruction	3	86	258	352	19	87	0	459	\$23,389	\$0	\$0	\$23,389
P. Hydrogen Production	21	9	185	1403	288	155	21	1867	\$104,594	\$0	\$28,700	\$133,294
Q. Iron and Steel Production	121	86	10406	50188	2461	14963	0	67612	\$3,388,702	\$0	\$272,809	\$3,661,511
R. Lead Production	13	86	1118	786	157	72	13	1028	\$57,970	\$0	\$7,800	\$65,770
S. Lime Manufacturing	89	86	7654	4313	1073	361	89	5836	\$333,967	\$0	\$0	\$333,967
U. Misc. Uses of Carbonate (2)												
V. Nitric Acid Production	45	7	315	4942	2785	702	45	8474	\$495,990	\$0	\$169,598	\$665,587
X. Petrochemical Prod.	80	86	6880	19041	952	1904	0	21897	\$1,309,314	\$0	\$872,920	\$2,182,234
Y. Petroleum Refineries	150	86	12900	81083	3666	6862	0	91611	\$5,708,360	\$177,648	\$229,640	\$6,115,648
Z. Phosphoric Acid Prod	14	86	1204	678	169	57	14	918	\$52,534	\$0	\$0	\$52,534
AA. Pulp & Paper Mnfctrng	425	86	36550	37109	1724	1724	0	40558	\$2,222,016	\$6,260,675	\$157,675	\$8,640,366
BB. Silicon Carbide Production	1	30	30	53	14	5	1	73	\$4,185	\$0	\$200	\$4,385
CC. Soda Ash Manufacturing	5	86	430	455	233	60	5	753	\$43,931	\$0	\$9,050	\$52,981
EE. Titanium Dioxide Production	8	86	688	460	112	40	8	621	\$35,368	\$0	\$3,200	\$38,568
GG. Zinc Production	5	86	430	322	60	30	5	418	\$23,474	\$0	\$4,000	\$27,474
HH. Landfills												
JJ. Manure Management												
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.												
NN. Supplies of Nat Gas and Nat Gas Liquids												
OO. Suppliers of Industrial GHG												
PP. Suppliers of CO2												
TOTAL	425	226	95886	221807	18906	27998	399	269109	\$15,359,704	\$6,438,323	\$2,052,146	\$23,850,173

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-3
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Industrial Processes

Source Category	Year 2											
	No. Respondents	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)												
D. Electricity Generation												
E. Adipic Acid Prod.	4	7	28	380	119	58	4	561	\$31,539	\$0	\$10,204	\$41,743
F. Aluminum Production	14	9	126	2365	1166	64	0	3595	\$215,283	\$0	\$2,500	\$217,783
G. Ammonia Manufacturing	23	86	1978	907	185	105	23	1221	\$68,685	\$0	\$4,600	\$73,285
H. Cement Production	107	86	9202	10749	2360	434	107	13650	\$784,621	\$0	\$267,500	\$1,052,121
K. Ferroalloy Production	9	86	774	418	55	59	9	541	\$29,609	\$0	\$9,000	\$38,609
N. Glass Production	55	86	4730	2005	333	223	55	2616	\$146,512	\$0	\$2,750	\$149,262
O. HCFC-22 Production and HFC-23 Destruction	3	86	258	352	19	87	0	459	\$23,389	\$0	\$0	\$23,389
P. Hydrogen Production	21	9	185	1055	165	155	21	1395	\$76,622	\$0	\$28,700	\$105,322
Q. Iron and Steel Production	121	86	10406	24695	1124	8968	0	34788	\$1,708,884	\$0	\$272,602	\$1,981,486
R. Lead Production	13	86	1118	552	79	72	13	716	\$39,514	\$0	\$7,800	\$47,314
S. Lime Manufacturing	89	86	7654	3245	539	361	89	4234	\$237,084	\$0	\$0	\$237,084
U. Misc. Uses of Carbonate (2)												
V. Nitric Acid Production	45	7	315	4402	2510	702	45	7659	\$446,627	\$0	\$169,598	\$616,225
X. Petrochemical Prod.	80	86	6880	14095	705	1409	0	16209	\$969,197	\$0	\$739,620	\$1,708,817
Y. Petroleum Refineries	150	86	12900	52713	2248	4025	0	58986	\$3,667,976	\$177,648	\$229,640	\$4,075,264
Z. Phosphoric Acid Prod	14	86	1204	510	85	57	14	666	\$37,294	\$0	\$0	\$37,294
AA. Pulp & Paper Mnfctrng	425	86	36550	37109	1724	1724	0	40558	\$2,222,016	\$6,260,675	\$157,675	\$8,640,366
BB. Silicon Carbide Production	1	30	30	39	8	5	1	53	\$2,986	\$0	\$200	\$3,186
CC. Soda Ash Manufacturing	5	86	430	395	203	60	5	663	\$38,488	\$0	\$9,050	\$47,538
EE. Titanium Dioxide Production	8	86	688	332	64	40	8	445	\$24,893	\$0	\$3,200	\$28,093
GG. Zinc Production	5	86	430	222	30	30	5	288	\$15,824	\$0	\$4,000	\$19,824
HH. Landfills												
JJ. Manure Management												
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.												
NN. Supplies of Nat Gas and Nat Gas Liquids												
OO. Suppliers of Industrial GHG												
PP. Suppliers of CO2												
TOTAL	425	226	95886	156541	13721	18640	399	189301	\$10,787,041	\$6,438,323	\$1,918,639	\$19,144,003

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-3
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Industrial Processes

Source Category	Year 3											
	No. Respondents	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)												
D. Electricity Generation												
E. Adipic Acid Prod.	4	7	28	380	119	58	4	561	\$31,539	\$0	\$10,204	\$41,743
F. Aluminum Production	14	9	126	2365	1166	64	0	3595	\$215,283	\$0	\$2,500	\$217,783
G. Ammonia Manufacturing	23	86	1978	907	185	105	23	1221	\$68,685	\$0	\$4,600	\$73,285
H. Cement Production	107	86	9202	10749	2360	434	107	13650	\$784,621	\$0	\$267,500	\$1,052,121
K. Ferroalloy Production	9	86	774	418	55	59	9	541	\$29,609	\$0	\$9,000	\$38,609
N. Glass Production	55	86	4730	2005	333	223	55	2616	\$146,512	\$0	\$2,750	\$149,262
O. HCFC-22 Production and HFC-23 Destruction	3	86	258	352	19	87	0	459	\$23,389	\$0	\$0	\$23,389
P. Hydrogen Production	21	9	185	1055	165	155	21	1395	\$76,622	\$0	\$28,700	\$105,322
Q. Iron and Steel Production	121	86	10406	24695	1124	8968	0	34788	\$1,708,884	\$0	\$272,602	\$1,981,486
R. Lead Production	13	86	1118	552	79	72	13	716	\$39,514	\$0	\$7,800	\$47,314
S. Lime Manufacturing	89	86	7654	3245	539	361	89	4234	\$237,084	\$0	\$0	\$237,084
U. Misc. Uses of Carbonate (2)												
V. Nitric Acid Production	45	7	315	4402	2510	702	45	7659	\$446,627	\$0	\$169,598	\$616,225
X. Petrochemical Prod.	80	86	6880	14095	705	1409	0	16209	\$969,197	\$0	\$739,620	\$1,708,817
Y. Petroleum Refineries	150	86	12900	52713	2248	4025	0	58986	\$3,667,976	\$177,648	\$229,640	\$4,075,264
Z. Phosphoric Acid Prod	14	86	1204	510	85	57	14	666	\$37,294	\$0	\$0	\$37,294
AA. Pulp & Paper Mnfctrng	425	86	36550	37109	1724	1724	0	40558	\$2,222,016	\$6,260,675	\$157,675	\$8,640,366
BB. Silicon Carbide Production	1	30	30	39	8	5	1	53	\$2,986	\$0	\$200	\$3,186
CC. Soda Ash Manufacturing	5	86	430	395	203	60	5	663	\$38,488	\$0	\$9,050	\$47,538
EE. Titanium Dioxide Production	8	86	688	332	64	40	8	445	\$24,893	\$0	\$3,200	\$28,093
GG. Zinc Production	5	86	430	222	30	30	5	288	\$15,824	\$0	\$4,000	\$19,824
HH. Landfills												
JJ. Manure Management												
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.												
NN. Supplies of Nat Gas and Nat Gas Liquids												
OO. Suppliers of Industrial GHG												
PP. Suppliers of CO2												
TOTAL	425	226	95886	156541	13721	18640	399	189301	\$10,787,041	\$6,438,323	\$1,918,639	\$19,144,003

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-3
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Industrial Processes

Source Category	Annual Average - 3 year ICR Period											
	No. Respondents	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)												
D. Electricity Generation												
E. Adipic Acid Prod.	4	7	28	396	127	68	4	595	\$33,307	\$0	\$10,204	\$43,511
F. Aluminum Production	14	9	126	2365	1166	64	0	3595	\$215,283	\$0	\$2,500	\$217,783
G. Ammonia Manufacturing	23	86	1978	1015	231	105	23	1374	\$77,877	\$0	\$4,600	\$82,477
H. Cement Production	107	86	9202	11605	2503	434	107	14649	\$842,003	\$0	\$267,500	\$1,109,503
K. Ferroalloy Production	9	86	774	484	73	59	9	625	\$34,531	\$0	\$9,000	\$43,531
N. Glass Production	55	86	4730	2225	443	223	55	2946	\$166,470	\$0	\$2,750	\$169,220
O. HCFC-22 Production and HFC-23 Destruction	3	86	258	352	19	87	0	459	\$23,389	\$0	\$0	\$23,389
P. Hydrogen Production	21	9	185	1171	206	155	21	1553	\$85,946	\$0	\$28,700	\$114,646
Q. Iron and Steel Production	121	86	10406	33193	1570	10966	0	45729	\$2,268,823	\$0	\$272,671	\$2,541,494
R. Lead Production	13	86	1118	630	105	72	13	820	\$45,666	\$0	\$7,800	\$53,466
S. Lime Manufacturing	89	86	7654	3601	717	361	89	4768	\$269,378	\$0	\$0	\$269,378
U. Misc. Uses of Carbonate (2)												
V. Nitric Acid Production	45	7	315	4582	2601	702	45	7931	\$463,081	\$0	\$169,598	\$632,679
X. Petrochemical Prod.	80	86	6880	15743	787	1574	0	18105	\$1,082,569	\$0	\$784,053	\$1,866,623
Y. Petroleum Refineries	150	86	12900	62170	2720	4971	0	69861	\$4,348,104	\$177,648	\$229,640	\$4,755,392
Z. Phosphoric Acid Prod	14	86	1204	566	113	57	14	750	\$42,374	\$0	\$0	\$42,374
AA. Pulp & Paper Mnfctrng	425	86	36550	37109	1724	1724	0	40558	\$2,222,016	\$6,260,675	\$157,675	\$8,640,366
BB. Silicon Carbide Production	1	30	30	44	10	5	1	60	\$3,386	\$0	\$200	\$3,586
CC. Soda Ash Manufacturing	5	86	430	415	213	60	5	693	\$40,302	\$0	\$9,050	\$49,352
EE. Titanium Dioxide Production	8	86	688	374	80	40	8	503	\$28,384	\$0	\$3,200	\$31,584
GG. Zinc Production	5	86	430	256	40	30	5	331	\$18,374	\$0	\$4,000	\$22,374
HH. Landfills												
JJ. Manure Management												
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.												
NN. Supplies of Nat Gas and Nat Gas Liquids												
OO. Suppliers of Industrial GHG												
PP. Suppliers of CO2												
TOTAL	425	226	95886	178296	15449	21759	399	215904	\$12,311,262	\$6,438,323	\$1,963,141	\$20,712,727

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-4
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Biological Processes

Source Category	Year 1											
	No. Respondents (1)	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)												
D. Electricity Generation												
E. Adipic Acid Prod.												
F. Aluminum Production												
G. Ammonia Manufacturing												
H. Cement Production												
K. Ferroalloy Production												
N. Glass Production												
O. HCFC-22 Production and HFC-23 Destruction												
P. Hydrogen Production												
Q. Iron and Steel Production												
R. Lead Production												
S. Lime Manufacturing												
U. Misc. Uses of Carbonate												
V. Nitric Acid Production												
X. Petrochemical Prod.												
Y. Petroleum Refineries												
Z. Phosphoric Acid Prod												
AA. Pulp & Paper Manufacturing												
BB. Silicon Carbide Production												
CC. Soda Ash Manufacturing												
EE. Titanium Dioxide Production												
GG. Zinc Production												
HH. Landfills	2524	86.0	217,064.0	192,835.2	9,641.8	19,283.5	0.0	221,760.5	\$11,901,113	\$138,568	\$267,413	\$12,307,094
JJ. Manure Management	107	86.0	9,151.8	5,433.6	0.0	433.7	0.0	5,867.2	\$329,324	\$961	\$200	\$330,485
LL. Suppliers of Coal-based Liquid Fuels, MM. Suppliers of Petrol. Prod.												
NN. Supplies of Nat Gas and Nat Gas Liquids												
OO. Suppliers of Industrial GHG												
PP. Suppliers of CO2												
TOTAL	2524	89.6	226,215.8	198,268.8	9,641.8	19,717.2	0.0	227,627.7	\$12,230,437	\$139,529	\$267,613	\$12,637,579

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-4
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Biological Processes

Source Category	Year 2											
	No. Respondents	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)												
D. Electricity Generation												
E. Adipic Acid Prod.												
F. Aluminum Production												
G. Ammonia Manufacturing												
H. Cement Production												
K. Ferroalloy Production												
N. Glass Production												
O. HCFC-22 Production and HFC-23 Destruction												
P. Hydrogen Production												
Q. Iron and Steel Production												
R. Lead Production												
S. Lime Manufacturing												
U. Misc. Uses of Carbonate												
V. Nitric Acid Production												
X. Petrochemical Prod.												
Y. Petroleum Refineries												
Z. Phosphoric Acid Prod												
AA. Pulp & Paper Manufacturing												
BB. Silicon Carbide Production												
CC. Soda Ash Manufacturing												
EE. Titanium Dioxide Production												
GG. Zinc Production												
HH. Landfills	2524	86.0	217064	81733.6699	4086.683497	8173.36699	0	93993.7204	\$5,044,316	\$138,568	\$267,413	\$5,450,297
JJ. Manure Management	107	86.0	9152	4570.24752	0	0	0	4570.24752	\$279,546	\$961	\$200	\$280,707
LL. Suppliers of Coal-based Liquid Fuels, MM. Suppliers of Petrol. Prod.												
NN. Supplies of Nat Gas and Nat Gas Liquids												
OO. Suppliers of Industrial GHG												
PP. Suppliers of CO2												
TOTAL	2524	89.6	226,216	86,304	4,087	8,173	0	98,564	\$5,323,862	\$139,529	\$267,613	\$5,731,005

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-4
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Biological Processes

Source Category	Year 3											
	No. Respondents	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)												
D. Electricity Generation												
E. Adipic Acid Prod.												
F. Aluminum Production												
G. Ammonia Manufacturing												
H. Cement Production												
K. Ferroalloy Production												
N. Glass Production												
O. HCFC-22 Production and HFC-23 Destruction												
P. Hydrogen Production												
Q. Iron and Steel Production												
R. Lead Production												
S. Lime Manufacturing												
U. Misc. Uses of Carbonate												
V. Nitric Acid Production												
X. Petrochemical Prod.												
Y. Petroleum Refineries												
Z. Phosphoric Acid Prod												
AA. Pulp & Paper Manufacturing												
BB. Silicon Carbide Production												
CC. Soda Ash Manufacturing												
EE. Titanium Dioxide Production												
GG. Zinc Production												
HH. Landfills	2524	86.0	217064	81733.6699	4086.683497	8173.36699	0	93993.7204	\$5,044,316	\$138,568	\$267,413	\$5,450,297
JJ. Manure Management	107	86.0	9152	4570.24752	0	0	0	4570.24752	\$279,546	\$961	\$200	\$280,707
LL. Suppliers of Coal-based Liquid Fuels, MM. Suppliers of Petrol. Prod.												
NN. Supplies of Nat Gas and Nat Gas Liquids												
OO. Suppliers of Industrial GHG												
PP. Suppliers of CO2												
TOTAL	2524	89.6	226,216	86,304	4,087	8,173	0	98,564	\$5,323,862	\$139,529	\$267,613	\$5,731,005

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-4
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Biological Processes

Source Category	Annual Average - 3 year ICR Period											
	No. Respondents	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)												
D. Electricity Generation												
E. Adipic Acid Prod.												
F. Aluminum Production												
G. Ammonia Manufacturing												
H. Cement Production												
K. Ferroalloy Production												
N. Glass Production												
O. HCFC-22 Production and HFC-23 Destruction												
P. Hydrogen Production												
Q. Iron and Steel Production												
R. Lead Production												
S. Lime Manufacturing												
U. Misc. Uses of Carbonate												
V. Nitric Acid Production												
X. Petrochemical Prod.												
Y. Petroleum Refineries												
Z. Phosphoric Acid Prod												
AA. Pulp & Paper Manufacturing												
BB. Silicon Carbide Production												
CC. Soda Ash Manufacturing												
EE. Titanium Dioxide Production												
GG. Zinc Production												
HH. Landfills	2524	86.0	217064	118768	5938	11877	0	136583	\$7,329,915	\$138,568	\$267,413	\$7,735,896
JJ. Manure Management	107	86.0	9152	4858	0	145	0	5003	\$296,139	\$961	\$200	\$297,300
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.												
NN. Supplies of Nat Gas and Nat Gas Liquids												
OO. Suppliers of Industrial GHG												
PP. Suppliers of CO2												
TOTAL	2524	89.6	226,216	123,626	5,938	12,021	0	141,585	\$7,626,054	\$139,529	\$267,613	\$8,033,196

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-5
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Suppliers

Source Category	Year 1											
	No. Respondents (1)	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)												
D. Electricity Generation												
E. Adipic Acid Prod.												
F. Aluminum Production												
G. Ammonia Manufacturing												
H. Cement Production												
K. Ferroalloy Production												
N. Glass Production												
O. HCFC-22 Production and HFC-23 Destruction												
P. Hydrogen Production												
Q. Iron and Steel Production												
R. Lead Production												
S. Lime Manufacturing												
U. Misc. Uses of Carbonate												
V. Nitric Acid Production												
X. Petrochemical Prod.												
Y. Petroleum Refineries												
Z. Phosphoric Acid Prod												
AA. Pulp & Paper Mnfctrng												
BB. Silicon Carbide Production												
CC. Soda Ash Manufacturing												
EE. Titanium Dioxide Production												
GG. Zinc Production												
HH. Landfills												
JJ. Manure Management												
LL. Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.	315	86	29154	25174	18188	0	2034	45396	\$3,655,251	\$0	\$0	\$3,655,251
NN. Suppliers of Nat Gas and Nat Gas Liquids	1502	86	103802	67308	15754	17614	12502	113177	\$6,762,859	\$0	\$0	\$6,762,859
OO. Suppliers of Industrial GHG	167	9	1503	7244	1282	678	0	9203	\$510,987	\$0	\$0	\$510,987
PP. Suppliers of CO2	13	30	390	461	66	53	0	579	\$31,676	\$0	\$0	\$31,676
TOTAL	1502	90	134849	100187	35289	18344	14536	168355	\$10,960,773	\$0	\$0	\$10,960,773

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-5
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Suppliers

Source Category	Year 2											
	No. Respondents	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)												
D. Electricity Generation												
E. Adipic Acid Prod.												
F. Aluminum Production												
G. Ammonia Manufacturing												
H. Cement Production												
K. Ferroalloy Production												
N. Glass Production												
O. HCFC-22 Production and HFC-23 Destruction												
P. Hydrogen Production												
Q. Iron and Steel Production												
R. Lead Production												
S. Lime Manufacturing												
U. Misc. Uses of Carbonate												
V. Nitric Acid Production												
X. Petrochemical Prod.												
Y. Petroleum Refineries												
Z. Phosphoric Acid Prod												
AA. Pulp & Paper Mnfctrng												
BB. Silicon Carbide Production												
CC. Soda Ash Manufacturing												
EE. Titanium Dioxide Production												
GG. Zinc Production												
HH. Landfills												
JJ. Manure Management												
LL. Coal-based Liquid Fuels, MM. Suppliers of Petrol. Prod.	315	86	29154	7060	5085	0	75177	87322	\$1,068,407	\$0	\$0	\$1,068,407
NN. Suppliers of Nat Gas and Nat Gas Liquids	1502	86	103802	55702	12394	16612	4518	89227	\$5,016,593	\$0	\$0	\$5,016,593
OO. Suppliers of Industrial GHG	167	9	1503	7244	1282	678	0	9203	\$510,987	\$0	\$0	\$510,987
PP. Suppliers of CO2	13	30	390	461	66	53	0	579	\$31,676	\$0	\$0	\$31,676
TOTAL	1502	90	134849	70467	18827	17343	79695	186331	\$6,627,663	\$0	\$0	\$6,627,663

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-5
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Suppliers

Source Category	Year 3											
	No. Respondents	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)												
D. Electricity Generation												
E. Adipic Acid Prod.												
F. Aluminum Production												
G. Ammonia Manufacturing												
H. Cement Production												
K. Ferroalloy Production												
N. Glass Production												
O. HCFC-22 Production and HFC-23 Destruction												
P. Hydrogen Production												
Q. Iron and Steel Production												
R. Lead Production												
S. Lime Manufacturing												
U. Misc. Uses of Carbonate												
V. Nitric Acid Production												
X. Petrochemical Prod.												
Y. Petroleum Refineries												
Z. Phosphoric Acid Prod												
AA. Pulp & Paper Mnfctrng												
BB. Silicon Carbide Production												
CC. Soda Ash Manufacturing												
EE. Titanium Dioxide Production												
GG. Zinc Production												
HH. Landfills												
JJ. Manure Management												
LL. Coal-based Liquid Fuels, MM. Suppliers of Petrol. Prod.	315	86	29154	7060	5085	0	75177	87322	\$1,068,407	\$0	\$0	\$1,068,407
NN. Suppliers of Nat Gas and Nat Gas Liquids	1502	86	103802	55702	12394	16612	4518	89227	\$5,016,593	\$0	\$0	\$5,016,593
OO. Suppliers of Industrial GHG	167	9	1503	7244	1282	678	0	9203	\$510,987	\$0	\$0	\$510,987
PP. Suppliers of CO2	13	30	390	461	66	53	0	579	\$31,676	\$0	\$0	\$31,676
TOTAL	1502	90	134849	70467	18827	17343	79695	186331	\$6,627,663	\$0	\$0	\$6,627,663

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.

Appendix C-5
Mandatory Reporting of Greenhouse Gases, Final Rule
Annual Recordkeeping and Reporting Costs for Suppliers

Source Category	Annual Average - 3 year ICR Period											
	No. Respondents	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)												
D. Electricity Generation												
E. Adipic Acid Prod.												
F. Aluminum Production												
G. Ammonia Manufacturing												
H. Cement Production												
K. Ferroalloy Production												
N. Glass Production												
O. HCFC-22 Production and HFC-23 Destruction												
P. Hydrogen Production												
Q. Iron and Steel Production												
R. Lead Production												
S. Lime Manufacturing												
U. Misc. Uses of Carbonate												
V. Nitric Acid Production												
X. Petrochemical Prod.												
Y. Petroleum Refineries												
Z. Phosphoric Acid Prod												
AA. Pulp & Paper Mnfctrng												
BB. Silicon Carbide Production												
CC. Soda Ash Manufacturing												
EE. Titanium Dioxide Production												
GG. Zinc Production												
HH. Landfills												
JJ. Manure Management												
LL. Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.	315	86	29154	13098	9453	0	50796	73347	\$1,930,688	\$0	\$0	\$1,930,688
NN. Suppliers of Nat Gas and Nat Gas Liquids	1502	86	103802	59571	13514	16946	7179	97210	\$5,598,682	\$0	\$0	\$5,598,682
OO. Suppliers of Industrial GHG	167	9	1503	7244	1282	678	0	9203	\$510,987	\$0	\$0	\$510,987
PP. Suppliers of CO2	13	30	390	461	66	53	0	579	\$31,676	\$0	\$0	\$31,676
TOTAL	1502	90	134849	80374	24314	17677	57975	180339	\$8,072,033	\$0	\$0	\$8,072,033

(1) Some respondents belong to multiple source categories, so the number of respondents is not additive.