

Appendix G: Burden and Cost for “Track 1” Subparts

Appendix G-1: Detailed Burden and Cost
Appendix G-2: Summary of Burden and Cost by Activity and Year
Appendix G-3: Change in Burden and Cost

**Appendix G-1
Detailed Burden and Cost for "Track 1" Subparts:
Combustion**

Source Category	Annual Average - 3 year ICR Period							
	No. Respondents (1)	Responses/ Respondent	Total Responses	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
C. Stationary Combustion (general unspecified)	2568	Varies	104674	261116	\$15,437,181	\$820,129	\$2,365,847	\$18,623,156
D. Electricity Generation	1259	3	3725	67489	\$3,989,941	\$0	\$0	\$3,989,941
E. Adipic Acid Prod.	3	15	45	132	\$7,804	\$153	\$16,980	\$24,937
F. Aluminum Production	0	0	0	0	\$0	\$0	\$0	\$0
G. Ammonia Manufacturing	22	15	330	968	\$57,228	\$1,121	\$124,520	\$182,869
H. Cement Production	93	439	40987	15584	\$921,337	\$546,177	\$1,435,895	\$2,903,408
K. Ferroalloy Production	7	10	67	213	\$12,612	\$0	\$6,400	\$19,012
N. Glass Production	106	10	1060	3392	\$200,535	\$0	\$101,760	\$302,295
P. Hydrogen Production	46	12	572	1831	\$108,250	\$0	\$54,931	\$163,181
Q. Iron and Steel Production (2)	0	0	0	0	\$0	\$0	\$0	\$0
R. Lead Production	12	10	120	384	\$22,702	\$0	\$11,520	\$34,222
S. Lime Manufacturing	67	473	31640	11935	\$705,597	\$421,652	\$1,108,519	\$2,235,768
U. Misc. Uses of Carbonate	0	0	0	0	\$0	\$0	\$0	\$0
V. Nitric Acid Production	2	452	1075	405	\$23,968	\$14,323	\$37,654	\$75,945
X. Petrochemical Prod.	0	0	0	0	\$0	\$0	\$0	\$0
Y. Petroleum Refineries	0	0	0	0	\$0	\$0	\$0	\$0
Z. Phosphoric Acid Prod	10	452	4520	1705	\$100,800	\$60,236	\$158,360	\$319,395
AA. Pulp & Paper Mnfrng (2)	0	0	0	0	\$0	\$0	\$0	\$0
BB. Silicon Carbide Prod	1	1	1	100	\$5,891	\$0	\$0	\$5,891
CC. Soda Ash Manufacturing	4	1	4	399	\$23,564	\$0	\$0	\$23,564
EE. Titanium Dioxide Prod	7	1	7	698	\$41,237	\$0	\$0	\$41,237
GG. Zinc Production	6	16	96	307	\$18,162	\$1,012	\$0	\$19,174
HH. Landfills	0	0	0	0	\$0	\$0	\$0	\$0
JJ. Manure Management	0	0	0	0	\$0	\$0	\$0	\$0
LL. Suppliers of Coal-based Liquid Fuels,	0	0	0	0	\$0	\$0	\$0	\$0
Gas Liquids	0	0	0	0	\$0	\$0	\$0	\$0
OO. Suppliers of Industrial GHG	0	0	0	0	\$0	\$0	\$0	\$0
PP. Suppliers of CO2	0	0	0	0	\$0	\$0	\$0	\$0
TOTAL	N/A	Varies	188923	366,658	\$21,676,808	\$1,864,802	\$5,422,385	\$28,963,995

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

(2) Costs associated with combustion are included with costs for analysis of process emissions.

**Appendix G-1
Detailed Burden and Cost for "Track 1" Subparts:
Process Emissions**

Source Category	Annual Average - 3 year ICR Period							
	No. Respondents (1)	Responses/ Respondent	Total Responses	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
unspecified)	0	Varies	0	0	\$0	\$0	\$0	\$0
D. Electricity Generation	0	0	0	0	\$0	\$0	\$0	\$0
E. Adipic Acid Prod.	3	7	21	421	\$25,425	\$0	\$7,653	\$33,078
F. Aluminum Production	12	0	126	3595	\$231,898	\$0	\$2,500	\$234,398
G. Ammonia Manufacturing	22	86	1892	1168	\$70,568	\$0	\$4,400	\$74,968
H. Cement Production	98	86	8428	12502	\$772,193	\$0	\$245,000	\$1,017,193
K. Ferroalloy Production	10	86	860	601	\$35,297	\$0	\$10,000	\$45,297
N. Glass Production	106	86	9116	5042	\$303,176	\$0	\$5,300	\$308,476
Destruction	5	0	430	764	\$41,729	\$0	\$0	\$41,729
P. Hydrogen Production	23	9	207	1566	\$92,256	\$0	\$32,200	\$124,456
Q. Iron and Steel Production	122	0	10492	35075	\$1,843,073	\$0	\$274,855	\$2,117,928
R. Lead Production	12	86	1032	661	\$39,143	\$0	\$7,200	\$46,343
S. Lime Manufacturing	70	86	6020	3330	\$200,211	\$0	\$0	\$200,211
U. Misc. Uses of Carbonate (2)	0	0	0	0	\$0	\$0	\$0	\$0
V. Nitric Acid Production	37	7	259	6298	\$395,521	\$0	\$139,447	\$534,968
X. Petrochemical Prod.	63	0	5418	12765	\$733,866	\$0	\$582,451	\$1,316,317
Y. Petroleum Refineries	146	0	12556	57413	\$3,325,084	\$172,911	\$223,516	\$3,721,511
Z. Phosphoric Acid Prod	10	86	860	476	\$28,602	\$0	\$0	\$28,602
AA. Pulp & Paper Mnfrng	116	0	9976	11070	\$649,901	\$1,708,796	\$43,036	\$2,401,733
BB. Silicon Carbide Production	1	30	30	53	\$3,208	\$0	\$200	\$3,408
CC. Soda Ash Manufacturing	4	86	344	530	\$33,152	\$0	\$7,240	\$40,392
EE. Titanium Dioxide Production	7	86	602	389	\$23,391	\$0	\$2,800	\$26,191
GG. Zinc Production	6	86	516	345	\$20,375	\$0	\$4,800	\$25,175
HH. Landfills	0	0	0	0	\$0	\$0	\$0	\$0
JJ. Manure Management	0	0	0	0	\$0	\$0	\$0	\$0
LL. Suppliers of Coal-based Liquid Fuels,	0	0	0	0	\$0	\$0	\$0	\$0
Gas Liquids	0	0	0	0	\$0	\$0	\$0	\$0
OO. Suppliers of Industrial GHG	0	0	0	0	\$0	\$0	\$0	\$0
PP. Suppliers of CO2	0	0	0	0	\$0	\$0	\$0	\$0
TOTAL	N/A	Varies	69185	154062	\$8,868,070	\$1,881,707	\$1,592,598	\$12,342,375

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

**Appendix G-1
Detailed Burden and Cost for "Track 1" Subparts:
Biological Processes**

Source Category	Annual Average - 3 year ICR Period							
	No. Respondents (1)	Responses/ Respondent	Total Responses	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
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	1195	86	102770	44502	\$2,558,523	\$65,606	\$126,608	\$2,750,737
JJ. Manure Management	107	86	9152	4570	\$270,193	\$961	\$200	\$271,354
LL. Suppliers of Coal-based Liquid Fuels,								
Gas Liquids								
OO. Suppliers of Industrial GHG								
PP. Suppliers of CO2								
TOTAL	N/A	Varies	111,922	49,072	\$2,828,717	\$66,567	\$126,808	\$3,022,091

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

**Appendix G-1
Detailed Burden and Cost for "Track 1" Subparts:
Suppliers**

Source Category	Annual Average - 3 year ICR Period							
	No. Respondents (1)	Responses/ Respondent	Total Responses	Total Burden (hrs)	Total Labor Cost (\$)	Capital Cost (\$)	O&M Cost (\$)	Total Cost (\$)
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 Mnfrctng								
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	13162	\$921,911	\$0	\$0	\$921,911
Gas Liquids	474	47	22377	30774	\$1,831,356	\$0	\$0	\$1,831,356
OO. Suppliers of Industrial GHG	49	9	441	2700	\$160,932	\$0	\$0	\$160,932
PP. Suppliers of CO2	130	30	3900	5794	\$339,803	\$0	\$0	\$339,803
TOTAL	N/A	Varies	55872	52430	\$3,254,001	\$0	\$0	\$3,254,001

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

G-2. Summary of Burden and Cost for "Track 1" Subparts by Activity and Year
(1)

Source Category	Year 1											
	No. Respondents (2)	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 (\$)
One-Time Costs	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
Unspecified)	2,568	37	94,058	261,116	-	-	-	261,116	\$15,437,181	\$820,129	\$2,365,847	\$18,623,156
D. Electricity Generation	1,259	3	3,725	67,489	-	-	-	67,489	\$3,989,941	\$0	\$0	\$3,989,941
E. Adipic Acid Prod.	3	22	66	417	89	43	3	553	\$33,229	\$153	\$24,633	\$58,015
F. Aluminum Production	12	11	126	2,365	1,166	64	-	3,595	\$231,898	\$0	\$2,500	\$234,398
G. Ammonia Manufacturing	22	101	2,222	1,836	177	100	22	2,136	\$127,796	\$1,121	\$128,920	\$257,837
H. Cement Production	98	504	49,415	25,429	2,162	398	98	28,086	\$1,693,529	\$546,177	\$1,680,895	\$3,920,601
K. Ferroalloy Production	10	93	927	678	61	66	10	814	\$47,910	\$0	\$16,400	\$64,310
N. Glass Production	106	96	10,176	7,256	642	430	106	8,434	\$503,712	\$0	\$107,060	\$610,772
O. HFC-22 Production and HFC-23 Destruction	5	86	430	587	32	145	-	764	\$41,729	\$0	\$0	\$41,729
P. Hydrogen Production	46	17	779	3,015	185	174	23	3,397	\$200,506	\$0	\$87,131	\$287,637
Q. Iron and Steel Production	122	86	10,492	24,899	1,134	9,042	-	35,075	\$1,843,073	\$0	\$274,855	\$2,117,928
R. Lead Production	12	96	1,152	893	73	67	12	1,045	\$61,845	\$0	\$18,720	\$80,565
S. Lime Manufacturing	70	538	37,660	14,487	424	284	70	15,265	\$905,808	\$421,652	\$1,108,519	\$2,435,979
U. Misc. Uses of Carbonate	-	-	-	-	-	-	-	-	\$0	\$0	\$0	\$0
V. Nitric Acid Production	37	36	1,334	4,025	2,063	578	37	6,703	\$419,489	\$14,323	\$177,102	\$610,913
X. Petrochemical Prod.	63	86	5,418	11,100	555	1,110	-	12,765	\$733,866	\$0	\$582,451	\$1,316,317
Y. Petroleum Refineries	146	86	12,556	51,308	2,188	3,918	-	57,413	\$3,325,084	\$172,911	\$223,516	\$3,721,511
Z. Phosphoric Acid Prod	10	538	5,380	2,070	61	41	10	2,181	\$129,401	\$60,236	\$158,360	\$347,997
AA. Pulp & Paper Mnfctng	116	86	9,976	10,129	471	471	-	11,070	\$649,901	\$1,708,796	\$43,036	\$2,401,733
BB. Silicon Carbide Production	1	31	31	139	8	5	1	153	\$9,099	\$0	\$200	\$9,299
CC. Soda Ash Manufacturing	4	87	348	714	162	48	4	929	\$56,716	\$0	\$7,240	\$63,956
EE. Titanium Dioxide Production	7	87	609	988	56	35	7	1,086	\$64,628	\$0	\$2,800	\$67,428
GG. Zinc Production	6	102	612	574	36	36	6	653	\$38,537	\$1,012	\$4,800	\$44,348
HH. Landfills	1,195	86	102,770	38,697	1,935	3,870	-	44,502	\$2,558,523	\$65,606	\$126,608	\$2,750,737
JJ. Manure Management (4)	107	85	9,152	4,570	-	-	-	4,570	\$270,193	\$961	\$200	\$271,354
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.	315	93	29,154	7,060	5,085	-	1,017	13,162	\$921,911	\$0	\$0	\$921,911
NN. Suppliers of Nat. Gas and Nat Gas Liquids	474	47	22,377	19,395	4,014	5,535	1,830	30,774	\$1,831,356	\$0	\$0	\$1,831,356
OO. Suppliers of Industrial GHG	49	9	441	2,126	376	199	-	2,700	\$160,932	\$0	\$0	\$160,932
PP. Suppliers of CO2	130	30	3,900	4,609	657	527	-	5,794	\$339,803	\$0	\$0	\$339,803
TOTAL	6,742	Varies	415,285	567,970	23,812	27,184	3,256	622,222	\$36,627,596	\$3,813,075	\$7,141,791	\$47,582,463

(1) Does not include mobile sources (part of Track 1) or the provision of information on parent companies, NAICS codes, and whether emissions are from cogeneration.

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

G-2. Summary of Burden and Cost for "Track 1" Subparts by Activity and Year
(1)

Source Category	Year 2											
	No. Respondents (2)	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 (\$)
One-Time Costs												
Unspecified)	2,568	34	86,712	261,116	-	-	-	261,116	\$15,437,181	\$820,129	\$2,365,847	\$18,623,156
D. Electricity Generation	1,259	3	3,725	67,489	-	-	-	67,489	\$3,989,941	\$0	\$0	\$3,989,941
E. Adipic Acid Prod.	3	22	66	417	89	43	3	553	\$33,229	\$153	\$24,633	\$58,015
F. Aluminum Production	12	11	126	2,365	1,166	64	-	3,595	\$231,898	\$0	\$2,500	\$234,398
G. Ammonia Manufacturing	22	101	2,222	1,836	177	100	22	2,136	\$127,796	\$1,121	\$128,920	\$257,837
H. Cement Production	98	504	49,415	25,429	2,162	398	98	28,086	\$1,693,529	\$546,177	\$1,680,895	\$3,920,601
K. Ferroalloy Production	10	93	927	678	61	66	10	814	\$47,910	\$0	\$16,400	\$64,310
N. Glass Production	106	96	10,176	7,256	642	430	106	8,434	\$503,712	\$0	\$107,060	\$610,772
O. HFC-22 Production and HFC-23 Destruction	5	86	430	587	32	145	-	764	\$41,729	\$0	\$0	\$41,729
P. Hydrogen Production	46	17	779	3,015	185	174	23	3,397	\$200,506	\$0	\$87,131	\$287,637
Q. Iron and Steel Production	122	86	10,492	24,899	1,134	9,042	-	35,075	\$1,843,073	\$0	\$274,855	\$2,117,928
R. Lead Production	12	96	1,152	893	73	67	12	1,045	\$61,845	\$0	\$18,720	\$80,565
S. Lime Manufacturing	70	538	37,660	14,487	424	284	70	15,265	\$905,808	\$421,652	\$1,108,519	\$2,435,979
U. Misc. Uses of Carbonate	-	-	-	-	-	-	-	0	\$0	\$0	\$0	\$0
V. Nitric Acid Production	37	36	1,334	4,025	2,063	578	37	6,703	\$419,489	\$14,323	\$177,102	\$610,913
X. Petrochemical Prod.	63	86	5,418	11,100	555	1,110	-	12,765	\$733,866	\$0	\$582,451	\$1,316,317
Y. Petroleum Refineries	146	86	12,556	51,308	2,188	3,918	-	57,413	\$3,325,084	\$172,911	\$223,516	\$3,721,511
Z. Phosphoric Acid Prod	10	538	5,380	2,070	61	41	10	2,181	\$129,401	\$60,236	\$158,360	\$347,997
AA. Pulp & Paper Mnfctng	116	86	9,976	10,129	471	471	-	11,070	\$649,901	\$1,708,796	\$43,036	\$2,401,733
BB. Silicon Carbide Production	1	31	31	139	8	5	1	153	\$9,099	\$0	\$200	\$9,299
CC. Soda Ash Manufacturing	4	87	348	714	162	48	4	929	\$56,716	\$0	\$7,240	\$63,956
EE. Titanium Dioxide Production	7	87	609	988	56	35	7	1,086	\$64,628	\$0	\$2,800	\$67,428
GG. Zinc Production	6	102	612	574	36	36	6	653	\$38,537	\$1,012	\$4,800	\$44,348
HH. Landfills	1,195	86	102,770	38,697	1,935	3,870	-	44,502	\$2,558,523	\$65,606	\$126,608	\$2,750,737
JJ. Manure Management (4)	107	85	9,152	4,570	-	-	-	4,570	\$270,193	\$961	\$200	\$271,354
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.	315	93	29,154	7,060	5,085	-	1,017	13,162	\$921,911	\$0	\$0	\$921,911
NN. Suppliers of Nat. Gas and Nat Gas Liquids	474	47	22,377	19,395	4,014	5,535	1,830	30,774	\$1,831,356	\$0	\$0	\$1,831,356
OO. Suppliers of Industrial GHG	49	9	441	2,126	376	199	-	2,700	\$160,932	\$0	\$0	\$160,932
PP. Suppliers of CO2	130	30	3,900	4,609	657	527	-	5,794	\$339,803	\$0	\$0	\$339,803
TOTAL	6,742	Varies	407,939	567,970	23,812	27,184	3,256	622,222	\$36,627,596	\$3,813,075	\$7,141,791	\$47,582,463

(1) Does not include mobile sources (part of Track 1) or the provision of information on parent companies, NAICS codes, and whether emissions are from cogeneration.

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

G-2. Summary of Burden and Cost for "Track 1" Subparts by Activity and Year
(1)

Source Category	Year 3											
	No. Respondents (2)	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 (\$)
One-Time Costs												
Unspecified)	2,568	34	86,712	261,116	-	-	-	261,116	\$15,437,181	\$820,129	\$2,365,847	\$18,623,156
D. Electricity Generation	1,259	3	3,725	67,489	-	-	-	67,489	\$3,989,941	\$0	\$0	\$3,989,941
E. Adipic Acid Prod.	3	22	66	417	89	43	3	553	\$33,229	\$153	\$24,633	\$58,015
F. Aluminum Production	12	11	126	2,365	1,166	64	-	3,595	\$231,898	\$0	\$2,500	\$234,398
G. Ammonia Manufacturing	22	101	2,222	1,836	177	100	22	2,136	\$127,796	\$1,121	\$128,920	\$257,837
H. Cement Production	98	504	49,415	25,429	2,162	398	98	28,086	\$1,693,529	\$546,177	\$1,680,895	\$3,920,601
K. Ferroalloy Production	10	93	61	678	61	66	10	814	\$47,910	\$0	\$16,400	\$64,310
N. Glass Production	106	96	10,176	7,256	642	430	106	8,434	\$503,712	\$0	\$107,060	\$610,772
O. HFC-22 Production and HFC-23 Destruction	5	86	430	587	32	145	-	764	\$41,729	\$0	\$0	\$41,729
P. Hydrogen Production	46	17	779	3,015	185	174	23	3,397	\$200,506	\$0	\$87,131	\$287,637
Q. Iron and Steel Production	122	86	10,492	24,899	1,134	9,042	-	35,075	\$1,843,073	\$0	\$274,855	\$2,117,928
R. Lead Production	12	96	1,152	893	73	67	12	1,045	\$61,845	\$0	\$18,720	\$80,565
S. Lime Manufacturing	70	538	37,660	14,487	424	284	70	15,265	\$905,808	\$421,652	\$1,108,519	\$2,435,979
U. Misc. Uses of Carbonate	-	-	-	-	-	-	-	-	\$0	\$0	\$0	\$0
V. Nitric Acid Production	37	36	1,334	4,025	2,063	578	37	6,703	\$419,489	\$14,323	\$177,102	\$610,913
X. Petrochemical Prod.	63	86	5,418	11,100	555	1,110	-	12,765	\$733,866	\$0	\$582,451	\$1,316,317
Y. Petroleum Refineries	146	86	12,556	51,308	2,188	3,918	-	57,413	\$3,325,084	\$172,911	\$223,516	\$3,721,511
Z. Phosphoric Acid Prod	10	538	5,380	2,070	61	41	10	2,181	\$129,401	\$60,236	\$158,360	\$347,997
AA. Pulp & Paper Mnfctng	116	86	9,976	10,129	471	471	-	11,070	\$649,901	\$1,708,796	\$43,036	\$2,401,733
BB. Silicon Carbide Production	1	31	31	139	8	5	1	153	\$9,099	\$0	\$200	\$9,299
CC. Soda Ash Manufacturing	4	87	348	714	162	48	4	929	\$56,716	\$0	\$7,240	\$63,956
EE. Titanium Dioxide Production	7	87	609	988	56	35	7	1,086	\$64,628	\$0	\$2,800	\$67,428
GG. Zinc Production	6	102	612	574	36	36	6	653	\$38,537	\$1,012	\$4,800	\$44,348
HH. Landfills	1,195	86	102,770	38,697	1,935	3,870	-	44,502	\$2,558,523	\$65,606	\$126,608	\$2,750,737
JJ. Manure Management (4)	107	85	9,152	4,570	-	-	-	4,570	\$270,193	\$961	\$200	\$271,354
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.	315	93	29,154	7,060	5,085	-	1,017	13,162	\$921,911	\$0	\$0	\$921,911
NN. Suppliers of Nat. Gas and Nat Gas Liquids	474	47	22,377	19,395	4,014	5,535	1,830	30,774	\$1,831,356	\$0	\$0	\$1,831,356
OO. Suppliers of Industrial GHG	49	9	441	2,126	376	199	-	2,700	\$160,932	\$0	\$0	\$160,932
PP. Suppliers of CO2	130	30	3,900	4,609	657	527	-	5,794	\$339,803	\$0	\$0	\$339,803
TOTAL	6,742	Varies	407,939	567,970	23,812	27,184	3,256	622,222	\$36,627,596	\$3,813,075	\$7,141,791	\$47,582,463

(1) Does not include mobile sources (part of Track 1) or the provision of information on parent companies, NAICS codes, and whether emissions are from cogeneration.

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

G-2. Summary of Burden and Cost for "Track 1" Subparts by Activity and Year
(1)

Source Category	Annual Average - 3 year ICR Period											
	No. Respondents (2)	Responses/ Respondent	Total Responses	Burden - Technical (hrs)	Burden - Managerial (hrs)	Burden - Clerical (hrs)	Burden - Legal (hrs)	Total Burden (hrs)	Total Labor Cost (\$K)	Capital Cost (\$K)	O&M Cost (\$K)	Total Cost (\$K)
One-Time Costs	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
Unspecified)	2568	35	89161	261116	0	0	0	261116	\$15,437	\$820	\$2,366	\$18,623
D. Electricity Generation	1259	3	3725	67489	0	0	0	67489	\$3,990	\$0	\$0	\$3,990
E. Adipic Acid Prod.	3	22	66	417	89	43	3	553	\$33	\$0	\$25	\$58
F. Aluminum Production	12	11	126	2365	1166	64	0	3595	\$232	\$0	\$3	\$234
G. Ammonia Manufacturing	22	101	2222	1836	177	100	22	2136	\$128	\$1	\$129	\$258
H. Cement Production	98	504	49415	25429	2162	398	98	28086	\$1,694	\$546	\$1,681	\$3,921
K. Ferroalloy Production	10	93	927	678	61	66	10	814	\$48	\$0	\$16	\$64
N. Glass Production	106	96	10176	7256	642	430	106	8434	\$504	\$0	\$107	\$611
O. HCFC-22 Production and HFC-23 Destruction	5	86	430	587	32	145	0	764	\$42	\$0	\$0	\$42
P. Hydrogen Production	46	17	779	3015	185	174	23	3397	\$201	\$0	\$87	\$288
Q. Iron and Steel Production	122	86	10492	24899	1134	9042	0	35075	\$1,843	\$0	\$275	\$2,118
R. Lead Production	12	96	1152	893	73	67	12	1045	\$62	\$0	\$19	\$81
S. Lime Manufacturing	70	538	37660	14487	424	284	70	15265	\$906	\$422	\$1,109	\$2,436
U. Misc. Uses of Carbonate	0	0	0	0	0	0	0	0	\$0	\$0	\$0	\$0
V. Nitric Acid Production	37	36	1334	4025	2063	578	37	6703	\$419	\$14	\$177	\$611
X. Petrochemical Prod.	63	86	5418	11100	555	1110	0	12765	\$734	\$0	\$582	\$1,316
Y. Petroleum Refineries	146	86	12556	51308	2188	3918	0	57413	\$3,325	\$173	\$224	\$3,722
Z. Phosphoric Acid Prod	10	538	5380	2070	61	41	10	2181	\$129	\$60	\$158	\$348
AA. Pulp & Paper Mnfctng	116	86	9976	10129	471	471	0	11070	\$650	\$1,709	\$43	\$2,402
BB. Silicon Carbide Production	1	31	31	139	8	5	1	153	\$9	\$0	\$0	\$9
CC. Soda Ash Manufacturing	4	87	348	714	162	48	4	929	\$57	\$0	\$7	\$64
EE. Titanium Dioxide Production	7	87	609	988	56	35	7	1086	\$65	\$0	\$3	\$67
GG. Zinc Production	6	102	612	574	36	36	6	653	\$39	\$1	\$5	\$44
HH. Landfills	1195	86	102770	38697	1935	3870	0	44502	\$2,559	\$66	\$127	\$2,751
JJ. Manure Management (4)	107	85	9152	4570	0	0	0	4570	\$270	\$1	\$0	\$271
LL. Suppliers of Coal-based Liquid Fuels,												
MM. Suppliers of Petrol. Prod.	315	93	29154	7060	5085	0	1017	13162	\$922	\$0	\$0	\$922
NN. Suppliers of Nat. Gas and Nat Gas Liquids	474	47	22377	19395	4014	5535	1830	30774	\$1,831	\$0	\$0	\$1,831
OO. Suppliers of Industrial GHG	49	9	441	2126	376	199	0	2700	\$161	\$0	\$0	\$161
PP. Suppliers of CO2	130	30	3900	4609	657	527	0	5794	\$340	\$0	\$0	\$340
TOTAL	6742	Varies	410388	567970	23812	27184	3256	622,222	\$36,628	\$3,813	\$7,142	\$47,582

(1) Does not include mobile sources (part of Track 1) or the provision of information on parent companies, NAICS codes, and whether emissions are from cogeneration.

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

**G-3. Change in Burden and Cost for "Track 1" Subparts:
Current Burden and Cost (1)**

Source Category	No. Respondents (2)	Resp-ones/ Respondent	Total Resp-ones	Total Burden (hrs)	Total Labor Cost (\$K)	Capital Cost (\$K)	O&M Cost (\$K)	Total Cost (\$K)
One-Time Costs (3)	6,616	1	10,396	97,347	5,553	0	992	\$6,545
C. Stationary Combustion (general unspecified) (4)	3,000	47	102,041	317,028	17,507	949	3,036	\$21,492
D. Electricity Generation	1,092	3	3,231	58,537	\$3,231	\$0	\$0	\$3,231
E. Adipic Acid Prod.	4	23	92	850	\$47	\$0	\$34	\$81
F. Aluminum Production	14	9	126	3,595	\$215	\$0	\$3	\$218
G. Ammonia Manufacturing	23	102	2,346	2,840	\$159	\$1	\$139	\$299
H. Cement Production	107	366	39,184	42,234	\$2,361	\$596	\$2,073	\$5,030
K. Ferroalloy Production	9	93	838	867	\$48	\$0	\$16	\$64
N. Glass Production	55	97	5,317	5,167	\$289	\$0	\$65	\$354
O. HCFC-22 Production and HFC-23 Destruction	3	86	258	459	\$23	\$0	\$0	\$23
P. Hydrogen Production	41	18	729	3,612	\$200	\$0	\$86	\$286
Q. Iron and Steel Production	121	86	10,406	45,729	\$2,269	\$0	\$273	\$2,541
R. Lead Production	13	97	1,257	1,345	\$75	\$0	\$22	\$97
S. Lime Manufacturing	89	540	48,030	29,444	\$1,628	\$536	\$1,623	\$3,787
V. Nitric Acid Production	45	47	2,130	9,040	\$524	\$24	\$243	\$791
X. Petrochemical Prod.	80	86	6,880	18,105	\$1,083	\$0	\$784	\$1,867
Y. Petroleum Refineries	150	86	12,900	69,861	\$4,348	\$178	\$230	\$4,755
Z. Phosphoric Acid Prod	14	540	7,555	4,632	\$256	\$84	\$255	\$596
AA. Pulp & Paper Mnfctrng	425	86	36,550	40,558	\$2,222	\$6,261	\$158	\$8,640
BB. Silicon Carbide Production	1	31	31	159	\$9	\$0	\$0	\$9
CC. Soda Ash Manufacturing	5	87	435	1,191	\$68	\$0	\$9	\$77
EE. Titanium Dioxide Production	8	87	696	1,300	\$72	\$0	\$3	\$76
GG. Zinc Production	5	103	515	654	\$36	\$1	\$5	\$42
HH. Landfills	2,524	86	217,064	136,583	\$7,330	\$139	\$267	\$7,736
JJ. Manure Management	107	85	9,152	5,003	\$296	\$1	\$0	\$297
LL. Suppliers of Coal-based Liquid Fuels,	315	93	29,154	73,347	\$1,931	\$0	\$0	\$1,931
MM. Suppliers of Petrol. Prod.								
NN. Suppliers of Nat Gas and Nat Gas Liquids (4)	654	69	30,874	45,016	\$2,672	\$0	\$0	\$2,672
OO. Suppliers of Industrial GHG	167	9	1,503	9,203	\$511	\$0	\$0	\$511
PP. Suppliers of CO2	13	30	390	579	\$32	\$0	\$0	\$32
TOTAL	16,408	Varies	688,748	1,024,285	\$54,994	\$8,770	\$10,314	\$74,079

(1) Does not include mobile sources (part of Track 1) or the provision of information on parent companies, NAICS codes, and whether emissions are from cogeneration.

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

(3) Reflects initial coverage determination (ICR No. 2300-002) and burden for understanding the "Reconsideration" rule (ICR No. 2300-06).

(4) Reflects burden from initial final rule (ICR No. 2300-002) and as adjusted by the December 2010 "Reconsideration" rule (ICR No. 2300-06).

**G-3. Change in Burden and Cost for "Track 1" Subparts:
Revised Burden and Cost (1)**

Source Category	Annual Average - 3 year ICR Period							
	No. Respondents (2)	Responses/ Respondent	Total Responses	Total Burden (hrs)	Total Labor Cost (\$k)	Capital Cost (\$k)	O&M Cost (\$k)	Total Cost (\$k)
One-Time Costs	0	0	0	0	\$0	\$0	\$0	\$0
unspecified)	2568	35	89161	261116	\$15,437	\$820	\$2,366	\$18,623
D. Electricity Generation	1259	3	3725	67489	\$3,990	\$0	\$0	\$3,990
E. Adipic Acid Prod.	3	22	66	553	\$33	\$0	\$25	\$58
F. Aluminum Production	12	11	126	3595	\$232	\$0	\$3	\$234
G. Ammonia Manufacturing	22	101	2222	2136	\$128	\$1	\$129	\$258
H. Cement Production	98	504	49415	28086	\$1,694	\$546	\$1,681	\$3,921
K. Ferroalloy Production	10	93	927	814	\$48	\$0	\$16	\$64
N. Glass Production	106	96	10176	8434	\$504	\$0	\$107	\$611
O. HCFC-22 Production and HFC-23 Destruction	5	86	430	764	\$42	\$0	\$0	\$42
P. Hydrogen Production	46	17	779	3397	\$201	\$0	\$87	\$288
Q. Iron and Steel Production	122	86	10492	35075	\$1,843	\$0	\$275	\$2,118
R. Lead Production	12	96	1152	1045	\$62	\$0	\$19	\$81
S. Lime Manufacturing	70	538	37660	15265	\$906	\$422	\$1,109	\$2,436
U. Misc. Uses of Carbonate	0	0	0	0	\$0	\$0	\$0	\$0
V. Nitric Acid Production	37	36	1334	6703	\$419	\$14	\$177	\$611
X. Petrochemical Prod.	63	86	5418	12765	\$734	\$0	\$582	\$1,316
Y. Petroleum Refineries	146	86	12556	57413	\$3,325	\$173	\$224	\$3,722
Z. Phosphoric Acid Prod	10	538	5380	2181	\$129	\$60	\$158	\$348
AA. Pulp & Paper Mnfctng	116	86	9976	11070	\$650	\$1,709	\$43	\$2,402
BB. Silicon Carbide Production	1	31	31	153	\$9	\$0	\$0	\$9
CC. Soda Ash Manufacturing	4	87	348	929	\$7	\$0	\$7	\$64
EE. Titanium Dioxide Production	7	87	609	1086	\$65	\$0	\$3	\$67
GG. Zinc Production	6	102	612	653	\$39	\$1	\$5	\$44
HH. Landfills	1195	86	102770	44502	\$2,559	\$66	\$127	\$2,751
JJ. Manure Management (4)	107	85	9152	4570	\$270	\$1	\$0	\$271
LL. Suppliers of Coal-based Liquid Fuels,								
MM. Suppliers of Petrol. Prod.	315	93	29154	13162	\$922	\$0	\$0	\$922
NN. Supplies of Nat. Gas and Nat Gas Liquids	474	47	22377	30774	\$1,831	\$0	\$0	\$1,831
OO. Suppliers of Industrial GHG	49	9	441	2700	\$161	\$0	\$0	\$161
PP. Suppliers of CO2	130	30	3900	5794	\$340	\$0	\$0	\$340
TOTAL	6742	Varies	410388	622,222	\$36,628	\$3,813	\$7,142	\$47,582

(1) Does not include mobile sources (part of Track 1) or the provision of information on parent companies, NAICS codes, and whether emissions are from cogeneration.

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

**G-3. Change in Burden and Cost for "Track 1" Subparts:
Reason for Change in Burden (1)**

Source Category	No. Respondents (2)	Responses/Respondent	Total Responses	Total Burden (hrs)	Total Labor Cost (\$K)	Capital Cost (\$K)	O&M Cost (\$K)	Total Cost (\$K)	Reason for Change in Burden
One-Time Costs	-6,616	-1	-10,396	-97,347	-5,553	0	-992	-\$6,545	(3)
C. Stationary Combustion (general unspecified)	-432	-12	-12,880	-55,912	-2,069	-129	-670	-\$2,868	(3) (4) (5); corrected error (see Appendix G1)
D. Electricity Generation	167	0	494	8,952	\$759	\$0	\$0	\$759	(3) (4) (5)
E. Adipic Acid Prod.	-1	-1	-26	-298	-\$14	\$0	-\$9	-\$23	(3) (4) (5)
F. Aluminum Production	2	2	0	0	\$17	\$0	\$0	\$17	(4) (5)
G. Ammonia Manufacturing	-1	-1	-124	-705	-\$31	\$0	-\$10	-\$41	(3) (4) (5)
H. Cement Production	-9	138	10,231	-14,148	-\$668	-\$50	-\$392	-\$1,110	(3) (4) (5)
I. Ferroalloy Production	1	0	89	-53	\$0	\$0	\$1	\$1	(3) (4) (5)
N. Glass Production	51	-1	4,859	3,268	\$215	\$0	\$42	\$257	(3) (4) (5)
O. HCFC-22 Production and HFC-23									
Destruction	2	0	172	306	\$18	\$0	\$0	\$18	(3) (4) (5)
P. Hydrogen Production	5	-1	51	-215	\$1	\$0	\$1	\$2	(3) (4) (5)
Q. Iron and Steel Production	1	0	86	-10,654	-\$426	\$0	\$2	-\$424	(3) (4) (5)
R. Lead Production	-1	-1	-105	-300	-\$13	\$0	-\$4	-\$17	(3) (4) (5)
S. Lime Manufacturing	-19	-2	-10,370	-14,179	-\$723	-\$114	-\$514	-\$1,351	(3) (4) (5)
U. Misc. Uses of Carbonate	0	0	0	0	\$0.00	\$0.00	\$0.00	\$0.00	
V. Nitric Acid Production	-8	-11	-796	-2,337	-\$105	-\$10	-\$65	-\$180	(3) (4) (5)
X. Petrochemical Prod.	-17	0	-1,462	-5,340	-\$349	\$0	-\$202	-\$550	(3) (4) (5)
Y. Petrochemical Refineries	-4	0	-344	-12,448	-\$1,023	-\$5	-\$6	-\$1,034	(3) (4) (5)
Z. Phosphoric Acid Prod	-4	-2	-2,175	-2,451	-\$127	-\$24	-\$97	-\$248	(3) (4) (5)
AA. Pulp & Paper Mfg	-309	0	-26,574	-29,488	-\$1,572	-\$4,552	-\$115	-\$6,239	(3) (4) (5)
BB. Silicon Carbide Production	0	0	0	-7	\$0.21	\$0.00	\$0.00	\$0.21	(5)
CC. Soda Ash Manufacturing	-1	0	-87	-262	-\$11	\$0	-\$2	-\$13	(3) (4) (5)
EE. Titanium Dioxide Production	-1	0	-87	-214	-\$8	\$0	\$0	-\$8	(3) (4) (5)
GG. Zinc Production	1	-1	97	-2	\$2	\$0	-\$1	\$2	(3) (4) (5)
HH. Landfills	-1,329	0	-114,294	-92,081	-\$4,771	-\$73	-\$141	-\$4,985	(3) (4) (5)
JJ. Manure Management	0	0	0	-432	-\$26	\$0	\$0	-\$26	(3) (5)
LL. Suppliers of Coal-based Liquid Fuels,									
MM. Suppliers of Petrol. Prod.	0	0	0	-60,185	-\$1,009	\$0	\$0	-\$1,009	(3) (5); corrected addition error in burden estimate
NN. Suppliers of Nat Gas and Nat Gas Liquids (3)	-180	-22	-8,497	-14,243	-\$840	\$0	\$0	-\$840	(3) (4) (5)
OO. Suppliers of Industrial GHG	-118	0	-1,062	-6,503	-\$350	\$0	\$0	-\$350	(3) (4) (5)
PP. Suppliers of CO2	117	0	3,510	5,215	\$308	\$0	\$0	\$308	(3) (4) (5)
TOTAL	-9,666	Varies	-169,692	-402,062	-\$18,367	-\$4,957	-\$3,173	-\$26,496	

(1) Does not include mobile sources (part of Track 1) or the provision of information on parent companies, NAICS codes, and whether emissions are from cogeneration.

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

(3) Adjusted the labor hours, labor cost, O&M costs, and capital cost per facility to recognize the completion of the one-time activities that occurred in the first year of data collection).

(4) Adjusted the number of respondents based on the number of facilities that reported to eGGRT.

(5) Adjusted labor rates to reflect 2011 dollars.