

Table 1. Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for Revisions to Reporting, Recordkeeping, and Verification Requirements under the Greenhouse Gas Reporting Program - Year 1 (2014)

Burden Item	All Affected Subparts	Subpart																							
		C	E	F	G	H	K	L	N	O	P	Q	R	S	U	V	X	Y	Z	AA	BB	CC	EE	GG	TT
1. REPORTING REQUIREMENTS																									
a. Initial Training with Inputs Verification Tool (a)																									
i. Number of Respondents Per Year (b)	5736	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
ii. Number of Occurrences Per Respondent Year (first year only) (d)	1	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
i. Technical Respondent Hours Per Occurrence	1	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
b. Annual Reporting of New Data Elements (e)																									
i. Number of Respondents per Year (b)	781	0	3	0	22	98	0	0	0	0	103	128	0	73	0	35	64	145	0	110	0	0	0	0	0
iii. Number of New Data Elements (f)	26	0	2	0	2	3	0	0	0	0	2	6	0	1	0	1	2	3	0	4	0	0	0	0	0
iii. Number of Occurrences Per Respondent Per Year (d)	1	0	1	0	1	1	0	0	0	0	1	1	0	1	0	1	1	1	0	1	0	0	0	0	0
iv. Technical Respondent Hours Per Occurrence (g)	varies	0	1	0	1	1.5	0	0	0	0	1	3	0	0.5	0	0.5	1	1.5	0	2	0	0	0	0	0
2. SUBTOTAL COST AND HOURS FOR BURDEN ITEM GROUPS																									
Initial Training with Inputs Verification Tool and Annual Recording of Data Entered into Tool																									
a. Respondent Hours																									
i. Technical	5,736	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
ii. Clerical (h)	574	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
iii. Managerial (h)	287	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
iv. Total	6,596	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
b. Respondent Costs																									
i. Technical (i)	\$339,112	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
ii. Clerical (i)	\$17,982	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
iii. Managerial (i)	\$22,150	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
iv. Total	\$379,244	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
Annual Reporting of New Data Elements																									
a. Respondent Hours																									
i. Technical	1,215	0	3	0	22	147	0	0	0	0	103	384	0	37	0	18	64	218	0	220	0	0	0	0	0
ii. Clerical (h)	121	0	0	0	2	15	0	0	0	0	10	38	0	4	0	2	6	22	0	22	0	0	0	0	0
iii. Managerial (h)	61	0	0	0	1	7	0	0	0	0	5	19	0	2	0	1	3	11	0	11	0	0	0	0	0
iv. Total	1,397	0	3	0	25	169	0	0	0	0	118	442	0	42	0	20	74	250	0	253	0	0	0	0	0
b. Respondent Costs																									
i. Technical (i)	\$71,801	\$0	\$177	\$0	\$1,301	\$8,691	\$0	\$0	\$0	\$0	\$6,089	\$22,702	\$0	\$2,158	\$0	\$1,035	\$3,784	\$12,859	\$0	\$13,006	\$0	\$0	\$0	\$0	\$0
ii. Clerical (i)	\$3,807	\$0	\$9	\$0	\$69	\$461	\$0	\$0	\$0	\$0	\$323	\$1,204	\$0	\$114	\$0	\$55	\$201	\$682	\$0	\$690	\$0	\$0	\$0	\$0	\$0
iii. Managerial (i)	\$4,690	\$0	\$12	\$0	\$85	\$568	\$0	\$0	\$0	\$0	\$398	\$1,483	\$0	\$141	\$0	\$68	\$247	\$840	\$0	\$850	\$0	\$0	\$0	\$0	\$0
iv. Total	\$80,298	0	198	0	1,455	9,719	0	0	0	0	6,810	25,389	0	2,413	0	1,157	4,231	14,380	0	14,546	0	0	0	0	0
3. TOTAL COST AND HOURS FOR ALL BURDEN ITEMS																									
ANNUAL LABOR HOURS:																									
Technical	6,951																								
Clerical	695																								
Managerial	348																								
Total Hours	7,993																								
ANNUAL COST:																									
Technical	\$410,914																								
Clerical	\$21,790																								
Managerial	\$26,839																								
Total Cost	\$459,543																								

FOOTNOTES

- a. This line item accounts for time to train and understand the proposed inputs verification tool.
- b. The count of the number of subparts subject to using the inputs verification tool and subject to reporting new data elements are based on the actual counts of 2011 GHGRP reporters (Feb 2013 update).
- c. Due to respondents being subject to multiple subparts (e.g., paper mills subject to subparts C, AA, and TT), the burden is not shown per industrial sector/subpart. The total count of respondents subject to using the proposed inputs verification tool does not double-count facilities subject to multiple subparts. Regardless of the number of subparts to which a respondent is subject, the respondent would need to perform training for the tool only once.
- d. Assumed that time spent on each reporting burden item would occur only once per year, because items are annual values and/or because related items were already tracked. For training to use the inputs verification tool, time would be spent once per year for the initial year only.
- e. Reporting time associated with new data elements.
- f. New data elements for each subpart are specified in Table 4 of the preamble and in section 4(b)(i) of the supporting statement.
- g. Assume that reporting will require 30 technical labor minutes per new data element.
- h. Managerial Hours = (Technical Hours * .05) and Clerical Hours = (Technical Hours * 0.1)
- i. Assume technical labor cost of \$59.12/hour; clerical labor cost of \$31.35/hour ; and managerial labor cost of \$77.23/hour.

Table 2. Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for Revisions to Reporting, Recordkeeping, and Verification Requirements under the Greenhouse Gas Reporting Program - Year 2 (2015)

Burden Item	All Affected Subparts	Subpart																							
		C	E	F	G	H	K	L	N	O	P	Q	R	S	U	V	X	Y	Z	AA	BB	CC	EE	GG	TT
1. REPORTING REQUIREMENTS																									
a. Initial Training with Inputs Verification Tool (a)																									
i. Number of Respondents Per Year (b)	0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
ii. Number of Occurrences Per Respondent Year (first year only) (d)	0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
i. Technical Respondent Hours Per Occurrence	1	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
b. Annual Reporting of New Data Elements (e)																									
i. Number of Respondents per Year (b)	781	0	3	0	22	98	0	0	0	0	103	128	0	73	0	35	64	145	0	110	0	0	0	0	0
iii. Number of New Data Elements (f)	26	0	2	0	2	3	0	0	0	0	2	6	0	1	0	1	2	3	0	4	0	0	0	0	0
iii. Number of Occurrences Per Respondent Per Year (d)	1	0	1	0	1	1	0	0	0	0	1	1	0	1	0	1	1	1	0	1	0	0	0	0	0
iv. Technical Respondent Hours Per Occurrence (g)	varies	0	1	0	1	1.5	0	0	0	0	1	3	0	0.5	0	0.5	1	1.5	0	2	0	0	0	0	0
2. SUBTOTAL COST AND HOURS FOR BURDEN ITEM GROUPS																									
Initial Training with Inputs Verification Tool and Annual Recording of Data Entered into Tool																									
a. Respondent Hours																									
i. Technical	0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
ii. Clerical (h)	0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
iii. Managerial (h)	0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
iv. Total	0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
b. Respondent Costs																									
i. Technical (i)	\$0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
ii. Clerical (i)	\$0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
iii. Managerial (i)	\$0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
iv. Total	\$0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
Annual Reporting of New Data Elements																									
a. Respondent Hours																									
i. Technical	1,215	0	3	0	22	147	0	0	0	0	103	384	0	37	0	18	64	218	0	220	0	0	0	0	0
ii. Clerical (h)	121	0	0	0	2	15	0	0	0	0	10	38	0	4	0	2	6	22	0	22	0	0	0	0	0
iii. Managerial (h)	61	0	0	0	1	7	0	0	0	0	5	19	0	2	0	1	3	11	0	11	0	0	0	0	0
iv. Total	1,397	0	3	0	25	169	0	0	0	0	118	442	0	42	0	20	74	250	0	253	0	0	0	0	0
b. Respondent Costs																									
i. Technical (i)	\$71,801	\$0	\$177	\$0	\$1,301	\$8,691	\$0	\$0	\$0	\$0	\$6,089	\$22,702	\$0	\$2,158	\$0	\$1,035	\$3,784	\$12,859	\$0	\$13,006	\$0	\$0	\$0	\$0	\$0
ii. Clerical (i)	\$3,807	\$0	\$9	\$0	\$69	\$461	\$0	\$0	\$0	\$0	\$323	\$1,204	\$0	\$114	\$0	\$55	\$201	\$682	\$0	\$690	\$0	\$0	\$0	\$0	\$0
iii. Managerial (i)	\$4,690	\$0	\$12	\$0	\$85	\$568	\$0	\$0	\$0	\$0	\$398	\$1,483	\$0	\$141	\$0	\$68	\$247	\$840	\$0	\$850	\$0	\$0	\$0	\$0	\$0
iv. Total	\$80,298	0	198	0	1,455	9,719	0	0	0	0	6,810	25,389	0	2,413	0	1,157	4,231	14,380	0	14,546	0	0	0	0	0
3. TOTAL COST AND HOURS FOR ALL BURDEN ITEMS																									
ANNUAL LABOR HOURS:																									
Technical	1,215																								
Clerical	121																								
Managerial	61																								
Total Hours	1,397																								
ANNUAL COST:																									
Technical	\$71,801																								
Clerical	\$3,807																								
Managerial	\$4,690																								
Total Cost	\$80,298																								

FOOTNOTES

- a. This line item accounts for time to train and understand the proposed inputs verification tool.
- b. The count of the number of subparts subject to using the inputs verification tool and subject to reporting new data elements are based on the actual counts of 2011 GHGRP reporters (Feb 2013 update).
- c. Due to respondents being subject to multiple subparts (e.g., paper mills subject to subparts C, AA, and TT), the burden is not shown per industrial sector/subpart. The total count of respondents subject to using the proposed inputs verification tool does not double-count facilities subject to multiple subparts. Irregardless of the number of subparts to which a respondent is subject, the respondent would need to perform training for the tool only once.
- d. Assumed that time spent on each reporting burden item would occur only once per year, because items are annual values and/or because related items were already tracked. For training to use the inputs verification tool, time would be spent once per year for the initial year only.
- e. Reporting time associated with new data elements.
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- i. Assume technical labor cost of \$59.12/hour; clerical labor cost of \$31.35/hour ; and managerial labor cost of \$77.23/hour.

Table 3. Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for Revisions to Reporting, Recordkeeping, and Verification Requirements under the Greenhouse Gas Reporting Program - Year 3 (2016)

Burden Item	All Affected Subparts	Subpart																							
		C	E	F	G	H	K	L	N	O	P	Q	R	S	U	V	X	Y	Z	AA	BB	CC	EE	GG	TT
1. REPORTING REQUIREMENTS																									
a. Initial Training with Inputs Verification Tool (a)																									
i. Number of Respondents Per Year (b)	0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
ii. Number of Occurrences Per Respondent Year (first year only) (d)	0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
i. Technical Respondent Hours Per Occurrence	1	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
b. Annual Reporting of New Data Elements (e)																									
i. Number of Respondents per Year (b)	781	0	3	0	22	98	0	0	0	0	103	128	0	73	0	35	64	145	0	110	0	0	0	0	0
iii. Number of New Data Elements (f)	26	0	2	0	2	3	0	0	0	0	2	6	0	1	0	1	2	3	0	4	0	0	0	0	0
iii. Number of Occurrences Per Respondent Per Year (d)	1	0	1	0	1	1	0	0	0	0	1	1	0	1	0	1	1	1	0	1	0	0	0	0	0
iv. Technical Respondent Hours Per Occurrence (g)	varies	0	1	0	1	1.5	0	0	0	0	1	3	0	0.5	0	0.5	1	1.5	0	2	0	0	0	0	0
2. SUBTOTAL COST AND HOURS FOR BURDEN ITEM GROUPS																									
Initial Training with Inputs Verification Tool and Annual Recording of Data Entered into Tool																									
a. Respondent Hours																									
i. Technical	0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
ii. Clerical (h)	0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
iii. Managerial (h)	0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
iv. Total	0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
b. Respondent Costs																									
i. Technical (i)	\$0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
ii. Clerical (i)	\$0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
iii. Managerial (i)	\$0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
iv. Total	\$0	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)	(c)
Annual Reporting of New Data Elements																									
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ii. Clerical (i)	\$3,807	\$0	\$9	\$0	\$69	\$461	\$0	\$0	\$0	\$0	\$323	\$1,204	\$0	\$114	\$0	\$55	\$201	\$682	\$0	\$690	\$0	\$0	\$0	\$0	\$0
iii. Managerial (i)	\$4,690	\$0	\$12	\$0	\$85	\$568	\$0	\$0	\$0	\$0	\$398	\$1,483	\$0	\$141	\$0	\$68	\$247	\$840	\$0	\$850	\$0	\$0	\$0	\$0	\$0
iv. Total	\$80,298	0	198	0	1,455	9,719	0	0	0	0	6,810	25,389	0	2,413	0	1,157	4,231	14,380	0	14,546	0	0	0	0	0
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FOOTNOTES

- a. This line item accounts for time to train and understand the proposed inputs verification tool.
- b. The count of the number of subparts subject to using the inputs verification tool and subject to reporting new data elements are based on the actual counts of 2011 GHGRP reporters (Feb 2013 update).
- c. Due to respondents being subject to multiple subparts (e.g., paper mills subject to subparts C, AA, and TT), the burden is not shown per industrial sector/subpart. The total count of respondents subject to using the proposed inputs verification tool does not double-count facilities subject to multiple subparts. Irregardless of the number of subparts to which a respondent is subject, the respondent would need to perform training for the tool only once.
- d. Assumed that time spent on each reporting burden item would occur only once per year, because items are annual values and/or because related items were already tracked. For training to use the inputs verification tool, time would be spent once per year for the initial year only.
- e. Reporting time associated with new data elements.
- f. New data elements for each subpart are specified in Table 4 of the preamble and in section 4(b)(i) of the supporting statement.
- g. Assume that reporting will require 30 technical labor minutes per new data element.
- h. Managerial Hours = (Technical Hours * .05) and Clerical Hours = (Technical Hours * 0.1)
- i. Assume technical labor cost of \$59.12/hour; clerical labor cost of \$31.35/hour ; and managerial labor cost of \$77.23/hour.

Table 4 - Summary of Annual Respondent Burden and Cost of Recordkeeping and Reporting Requirements for Revisions to Reporting, Recordkeeping, and Verification Requirements under the Greenhouse Gas Reporting Program

Year	Number of Responses	Total Labor Hours	Labor Costs	Non-Labor Costs (Annualized Capital/Startup and O&M)	Total Costs
1	6517	7,993	\$459,543	\$0	\$459,543
2	781	1,397	\$80,298	\$0	\$80,298
3	781	1,397	\$80,298	\$0	\$80,298
Total	8,079	10,786	\$620,140	\$0	\$620,140
Average	2,693	3,595	\$206,713	\$0	\$206,713