

Quarterly Reports	Number of unique facilities/companies
Producer	6
Imports	61
Exports	16
Reclamation	20
Fire Suppression	3

One-Time Reports	Number of unique facilities/companies
Destruction	6
Transformation	2
Process Agent	2
Reclamation	

As Needed Reports	Number of unique facilities/companies	Number of Reports
Transfers	6	13
Conferrals	23	47
RACA	5	25
Petitions	2	16
Transshipments	1	2

Source: HFC Submission Summary Report (6.16.22)

Months of Activity	Average Reports/Company/Year
6	4
6	4
6	10
3	32
6	4

Responent Burden Assumptions

Responent Type	Acitivity
HFC Producer	Submit one-time producer report
	Submit quarterly report
	Submit annual inventory report (part of quarterly report)
	Maintain records
	Register with certification ID system
	Enter data into certification ID system
	Submit annual HFC-23 emissions report
	Submit HFC-23 proof of destruction
	Provide certification to third party (conferrer)
	Provide certification to third party (exporter)
HFC Importer	Submit quarterly report
	Submit annual inventory report (part of quarterly report)
	Maintain records
	Register with certification ID system
	Enter data into certification ID system
	Petition to import HFCs for transformation/destruction
	Petition to import used HFCs for destruction
	Petition to import HFCs for laboratory testing with eventual destruction
	Submit ACE report
	Submit proof of destruction of used imports
	Maintain records on used imports for destruction
	Provide certification to third party (conferrer)
	Provide certification to third party (exporter)
	Submit Importer of Record annual report
	Submit notification of transhipments
Testing Laboratories	Submit notification of delivery to destruction facility
HFC Aggregator	Maintain records
Vessel Owner	Maintain records
HFC Exporter	Submit quarterly report
	Submit annual inventory report (part of quarterly report)
	Submit request for additional consumption allowances
	Submit notification of transhipments
HFC Suppliers	Register with certification ID system
	Enter data into certification ID system
	Submit conferral request
	Provide certification to third party (conferee)
	Provide certification to third party (conferrer)
	Maintain records
	Submit one-time report
	Submit annual second party report

HFC Destroyer	Maintain records
	Provide destruction verification to third party
	Provide proof of destruction to third party
HFC Transformer	Submit one-time report
	Submit annual second party report
	Maintain records
	Provide transformation verification to third party
HFC Process Agent Use	Submit one-time report
	Submit annual report
HFC Reclaimers	Submit one-time report
	Submit quarterly report
	Submit annual inventory report (part of quarterly report)
	Maintain records
	Register with certification ID system
	Enter data into certification ID system
HFC Fillers and Packagers	Register with certification ID system
	Enter data into certification ID system
	Maintain records
HFC Fire Suppression Agent Recyclers	Submit quarterly report
	Submit annual inventory report (part of quarterly report)
	Maintain records
	Register with certification ID system
	Enter data into certification ID system
HFC Transfers	Submit inter-company transfer request
	Submit request to transfer from a person in a foreign country
	Submit request to transfer to a person in a foreign country
	Submit request to sell/transfer HFCs produced/imported with application-specific allowances
Application-Specific Allowance Holders	Submit biannual report
	Submit annual report (part of biannual report)
	Submit conferral request
	Provide certification to third party (conferee)
	Maintain records
Third Party Audits	Submit annual audit report

Unique number of Respondents

Technical Hours per Response	Clerical Hours per Response	Responses per Year	Maximum Respondents per Activity
100	0	1	1
6	0	4	6
40	0	1	6
0	100	1	6
0.50	0	1	6
2	0	48	6
12	0	1	4
0.25	0	2	4
2	0	1	2
2	0	1	2
6	0	4	61
10	0	1	61
0	100	1	61
0.50	0	1	61
2	0	48	61
2	0	32	2
6	0	6	2
6	0	48	3
0.25	0	123	61
0.25	0	6	2
0	20	1	2
2	0	1	2
2	0	1	2
2	0	1	61
1	0	4	2
2	0	48	3
0	20	1	5
0	20	1	100
6	0	4	16
10	0	1	16
8	0	10	5
1	0	4	2
0.50	0	1	10,000
0.003	0	891	10,000
6	0	2	4
2	0	2	4
2	0	4	4
0	20	1	4
100	0	1	1
4	0	1	6

0	20	1	6
2	0	1	6
2	0	1	12
100	0	1	1
4	0	1	2
0	20	1	2
2	0	1	2
100	0	1	1
6	0	1	2
40	0	1	1
9.4	0	4	20
10	0	1	20
0	40	1	20
0.50	0	1	20
0.006	0	116,471	20
0.50	0	1	50
0.006	0	116,471	50
0	20	1	50
9.4	0	4	3
10.0	0	1	3
0	40	1	3
0.50	0	1	3
0.006	0	116,471	3
6	0	2	12
6	0	1	1
6	0	1	1
6	0	1	5
6	0	2	42
6	0	1	50
6	0	2	40
2	0	2	40
0	80	1	42
40	0	1	129
			10,195

Basis for Assumptions

Assumes up to one response per year to account for revisions or new production facilities.

Number of facilities based on HFC Q1 2022 report submissions

Number of facilities based on HFC Q1 2022 report submissions

Number of facilities based on HFC Q1 2022 report submissions

Number of facilities based on HFC Q1 2022 report submissions

See 'Certification ID Respondent Burden Assumptions' table

Burden estimate for reporting to eGGRT under subpart O from GHGRP ICR 2019 renewal; Respdents based on eGGRT subpart O reporting

Based on second party transformation and destruction verification assumption

Based on 2022 HRACA submissions through June 2022

Number of companies based on HFC Q1 2022 report submissions

Number of companies based on HFC Q1 2022 report submissions

Number of companies based on HFC Q1 2022 report submissions

Number of companies based on HFC Q1 2022 report submissions

See 'Certification ID Respondent Burden Assumptions' table

Activity based on HFC 2022 report submissions from mid-March through mid-June

Activity based on 2022 DPETI submissions through June 2022.

Based on input from EPA

7500 unique shipments based on historical ACE data; Number of companies based on HFC Q1 2022 report submissions

Based on second party transformation and destruction verification assumption

Based on 2022 HRACA submissions through June 2022

Number of companies based on HFC Q1 2022 report submissions

Based on 2022 HSHIP submissions through June 2022

Based on input from EPA

Provided by EPA

Provided by EPA

Number of companies based on HFC Q1 2022 report submissions

Number of companies based on HFC Q1 2022 report submissions

Activity based on 2022 HRACA submissions through June 2022.

Based on 2022 HSHIP submissions through June 2022

2x HARDI wholesaler/distributor locations

2x HARDI wholesaler/distributor locations; See 'Certification ID Respondent Burden Assumptions' table

Based on HCONF submissions through June 2022

Based on HCONF submissions through June 2022

Based on HCONF submissions through June 2022

Based on HCONF submissions through June 2022

Assumes up to one response per year to account for revisions or new destruction facilities.

Number of facilities based on HFC 2022 one-time report submissions

Number of facilities based on HFC 2022 one-time report submissions
Number of facilities based on HFC 2022 one-time report submissions
Number of petitions to import HFCs for destruction
Assumes up to one response per year to account for revisions or new transformation facilities.
Number of facilities based on HFC 2022 one-time report submissions
Number of facilities based on HFC 2022 one-time report submissions
Number of facilities based on HFC 2022 one-time report submissions
Assumes up to one response per year to account for revisions or new process agent end-users
Number of facilities based on HFC 2022 one-time report submissions
Assumes up to one response per year to account for revisions or new reclaimers.
Burden for annual activity report from Section 608 ICR, number of companies based on HFC Q1 2022 report submissions
Number of companies based on HFC Q1 2022 report submissions
Number of companies based on HFC Q1 2022 report submissions
Number of companies based on HFC Q1 2022 report submissions
See 'Certification ID Respondent Burden Assumptions' table
Provided by EPA
See 'Certification ID Respondent Burden Assumptions' table
Burden for annual activity report from Section 608 ICR, number of respondents based on HFC Q1 2022 report submissions
Number of respondents based on HFC Q1 2022 report submissions
Number of respondents based on HFC Q1 2022 report submissions
Number of respondents based on HFC Q1 2022 report submissions
See 'Certification ID Respondent Burden Assumptions' table
Activity based on 2022 HTRAN submissions through June 2022.
ICF estimate
ICF estimate
ICF estimate
Based on 2022 allowance recipients
Based on 2022 allowance recipients plus 8 to account for new applicants
Based on application-specific allowance holders minus companies with consumption allowances; based on HCONF submissions through June 2022
Based on 2022 allowance recipients
Importers + producers + reclaimers + application specific allowance holders
aggregators + producers + importers + suppliers + reclaimers+ destroyers + transformers + fillers/packagegers + application specific allowance holders (assumes other respondents overlap with these activities)



Respondents per Year

Respondent Type
HFC Producer
HFC Importer
Testing Laboratories
HFC Aggregator
Vessel Owner
HFC Exporter
HFC Suppliers

HFC Destroyer
HFC Transformer
HFC Process Agent Use
HFC Reclaimers
HFC Fillers and Packagers
HFC Fire Suppression Agent Recyclers
HFC Transfers
Application-Specific Allowance Holders
Third Party Audits

Activity	Y1 (2024)	Y2 (2025)
Submit one-time producer report	1	1
Submit quarterly report	6	6
Submit annual inventory report (part of quarterly report)	6	6
Maintain records	6	6
Register with certification ID system	6	1
Enter data into certification ID system	2	6
Submit annual HFC-23 emissions report	4	4
Submit HFC-23 proof of destruction	4	4
Provide certification to third party (conferrer)	2	2
Provide certification to third party (exporter)	2	2
Submit quarterly report	61	61
Submit annual inventory report (part of quarterly report)	61	61
Maintain records	61	61
Register with certification ID system	61	1
Enter data into certification ID system	15	61
Petition to import HFCs for transformation/destruction	2	2
Petition to import used HFCs for destruction	2	2
Petition to import HFCs for laboratory testing with eventual destruction	3	3
Submit ACE report	61	61
Submit proof of destruction of used imports	2	2
Maintain records on used imports for destruction	2	2
Provide certification to third party (conferrer)	2	2
Provide certification to third party (exporter)	2	2
Submit Importer of Record annual report	61	61
Submit notification of transshipments	2	2
Submit notification of delivery to destruction facility	3	3
Maintain records	5	5
Maintain records	100	100
Submit quarterly report	16	16
Submit annual inventory report (part of quarterly report)	16	16
Submit request for additional consumption allowances	5	5
Submit notification of transshipments	2	2
Register with certification ID system	0	0
Enter data into certification ID system	0	0
Submit conferral request	4	4
Provide certification to third party (conferee)	4	4
Provide certification to third party (conferrer)	4	4
Maintain records	4	4
Submit one-time report	1	1
Submit annual second party report	6	6

Maintain records	6	6
Provide destruction verification to third party	6	6
Provide proof of destruction to third party	12	12
Submit one-time report	1	1
Submit annual second party report	2	2
Maintain records	2	2
Provide transformation verification to third party	2	2
Submit one-time report	1	1
Submit annual report	2	2
Submit one-time report	1	1
Submit quarterly report	20	20
Submit annual inventory report (part of quarterly report)	20	20
Maintain records	20	20
Register with certification ID system	0	20
Enter data into certification ID system	0	5
Register with certification ID system	0	50
Enter data into certification ID system	0	13
Maintain records	0	50
Submit quarterly report	3	3
Submit annual inventory report (part of quarterly report)	3	3
Maintain records	3	3
Register with certification ID system	0	3
Enter data into certification ID system	0	1
Submit inter-company transfer request	12	12
Submit request to transfer from a person in a foreign country	1	1
Submit request to transfer to a person in a foreign country	1	1
Submit request to sell/transfer HFCs produced/imported with application-specific allowances	5	5
Submit biannual report	42	42
Submit annual report (part of biannual report)	50	50
Submit conferral request	40	40
Provide certification to third party (conferee)	40	40
Maintain records	42	42
Submit annual audit report	129	129



Certification ID Respondent Burden Assumptions

Y3 (2026)	Respondent	Number of Cylinders	Cylinder Capacity (lbs)
1	Producer, importer	5,940,000	30
6	Reclaimer, filler/packager, fire suppression recycler	5,940,000	NA
6	Supplier	8,910,000	NA

6

1

6

Certification ID Respondent Percentage per Year

	Certification ID Registra		
	Y1 (2024)	Y2 (2025)	
2	Producer	100%	17%
2	Importer	100%	1.6%
61	Reclaimer	0%	100%
61	Filler/Packager	0%	100%
61	Fire Suppression Recycler	0%	100%
1	Supplier	0%	0%

61

2

2

3

	Certification ID Data En		
	Y1 (2024)	Y2 (2025)	
61	Producer	25%	100%
2	Importer	25%	100%
2	Reclaimer	0%	25%
2	Filler/Packager	0%	25%
2	Fire Suppression Recycler	0%	25%
61	Supplier	0%	0%

2

3

5

100

16

16

5

2

10000

2500

4

4

4

4

1

6

6
6
12
1
2
2
2
2
1
2
1
20
20
20
1
20
1
50
50
3
3
3
1
3
12
1
1
5
42
50
40
40
42
129

Audit Costs

Auditor Labor Rate (\$)	Auditor Time (hours)	Total Cost to Respondent (\$)
\$77.99	80	\$ 6,239.20

ACE Report Burden Assumptions

Respondent	Total Annual Shipments
Importer	7,500



Total Respondents	Responses/Respondent	Time per Response	Unit of Response Time	Time per Response (hours)
61	123	15	Minutes	0.3

Respondent Burden

Respondent Type	
1	HFC Producer
1	
1	HFC Importer
1	
1	Testing Laboratories
1	
1	
1	
1	HFC Aggregator
1	
1	Vessel Owner
1	
1	HFC Exporter
1	
1	HFC Suppliers
1	
1	
1	

	HFC Destroyer
1	
1	HFC Transformer
1	
1	HFC Process Agent Use
1	
1	
	HFC Reclaimers
	HFC Fillers and Packagers
1	
	HFC Fire Suppression Agent Recyclers
	HFC Transfers
1	
1	Application-Specific Allowance Holders
	Third Party Audits
	Annual Total
	3 Year Total
	Annual Average

Respondent Burden	
	\$127.13
	\$100.23

Activity	Responses per Respondent per Year
Submit one-time producer report	1
Submit quarterly report	4
Submit annual inventory report (part of quarterly report)	1
Maintain records	1
Register with certification ID system	1
Enter data into certification ID system	48
Submit annual HFC-23 emissions report	1
Submit HFC-23 proof of destruction	2
Provide certification to third party (conferrer)	1
Provide certification to third party (exporter)	1
Submit quarterly report	4
Submit annual inventory report (part of quarterly report)	1
Maintain records	1
Register with certification ID system	1
Enter data into certification ID system	48
Petition to import HFCs for transformation/destruction	32
Petition to import used HFCs for destruction	6
Petition to import HFCs for laboratory testing with eventual destruction	48
Submit ACE report	123
Submit proof of destruction of used imports	6
Maintain records on used imports for destruction	1
Provide certification to third party (conferrer)	1
Provide certification to third party (exporter)	1
Submit Importer of Record annual report	1
Submit notification of transshipments	4
Submit notification of delivery to destruction facility	48
Maintain records	1
Maintain records	1
Submit quarterly report	4
Submit annual inventory report (part of quarterly report)	1
Submit request for additional consumption allowances	10
Submit notification of transshipments	4
Register with certification ID system	1
Enter data into certification ID system	891
Submit conferral request	2
Provide certification to third party (conferee)	2
Provide certification to third party (conferrer)	4
Maintain records	1
Submit one-time report	1
Submit annual second party report	1

Maintain records	1
Provide destruction verification to third party	1
Provide proof of destruction to third party	1
Submit one-time report	1
Submit annual second party report	1
Maintain records	1
Provide transformation verification to third party	1
Submit one-time report	1
Submit annual report	1
Submit one-time report	1
Submit quarterly report	4
Submit annual inventory report (part of quarterly report)	1
Maintain records	1
Register with certification ID system	1
Enter data into certification ID system	116,471
Register with certification ID system	1
Enter data into certification ID system	116,471
Maintain records	1
Submit quarterly report	4
Submit annual inventory report (part of quarterly report)	1
Maintain records	1
Register with certification ID system	1
Enter data into certification ID system	116,471
Submit inter-company transfer request	2
Submit request to transfer from a person in a foreign country	1
Submit request to transfer to a person in a foreign country	1
Submit request to sell/transfer HFCs produced/imported with application-specific allowances	1
Submit biannual report	2
Submit annual report (part of biannual report)	1
Submit conferral request	2
Provide certification to third party (conferee)	2
Maintain records	1
Submit annual audit report	1

Hourly Labor Rate - Technical Staff
Hourly Labor Rate - Clerical Staff

Technical Hours per Response	Clerical Hours per Response	Total Hours per Respondent per Year	Labor Cost per Respondent per Year	O&M Costs per Respondent per Year	Respondents per Activity per Year			Tot
					Y1	Y2	Y3	
100.0	0	100.0	\$12,713	\$0	1	1	1	1
6.0	0	24.0	\$3,051	\$0	6	6	6	24
40.0	0	40.0	\$5,085	\$0	6	6	6	6
0.0	100	100.0	\$10,023	\$50	6	6	6	6
0.5	0	0.5	\$64	\$0	6	1	1	6
2.0	0	95.8	\$12,180	\$0	2	6	6	72
12.0	0	12.0	\$1,526	\$50	4	4	4	4
0.3	0	0.5	\$64	\$0	4	4	4	8
2.0	0	2.0	\$254	\$0	2	2	2	2
2.0	0	2.0	\$254	\$0	2	2	2	2
6.0	0	24.0	\$3,051	\$0	61	61	61	244
10.0	0	10.0	\$1,271	\$0	61	61	61	61
0.0	100	100.0	\$10,023	\$50	61	61	61	61
0.5	0	0.5	\$64	\$0	61	1	1	61
2.0	0	95.8	\$12,180	\$0	15	61	61	731
2.0	0	64.0	\$8,136	\$0	2	2	2	64
6.0	0	36.0	\$4,577	\$0	2	2	2	12
6.0	0	288.0	\$36,613	\$0	3	3	3	144
0.3	0	30.7	\$3,908	\$0	61	61	61	7,500
0.3	0	1.5	\$191	\$0	2	2	2	12
0.0	20	20.0	\$2,005	\$50	2	2	2	2
2.0	0	2.0	\$254	\$0	2	2	2	2
2.0	0	2.0	\$254	\$0	2	2	2	2
2.0	0	2.0	\$254	\$0	61	61	61	61
1.0	0	4.0	\$509	\$0	2	2	2	8
2.0	0	96.0	\$12,204	\$0	3	3	3	144
0.0	20	20.0	\$2,005	\$50	5	5	5	5
0.0	20	20.0	\$2,005	\$50	100	100	100	100
6.0	0	24.0	\$3,051	\$0	16	16	16	64
10.0	0	10.0	\$1,271	\$0	16	16	16	16
8.0	0	80.0	\$10,170	\$0	5	5	5	50
1.0	0	4.0	\$509	\$0	2	2	2	8
0.5	0	0.5	\$64	\$0	0	0	10,000	-
0.0	0	2.5	\$315	\$0	0	0	2,500	-
6.0	0	12.0	\$1,526	\$0	4	4	4	8
2.0	0	4.0	\$509	\$0	4	4	4	8
2.0	0	8.0	\$1,017	\$0	4	4	4	16
0.0	20	20.0	\$2,005	\$50	4	4	4	4
100.0	0	100.0	\$12,713	\$0	1	1	1	1
4.0	0	4.0	\$509	\$0	6	6	6	6

0.0	20	20.0	\$2,005	\$50	6	6	6	6
2.0	0	2.0	\$254	\$0	6	6	6	6
2.0	0	2.0	\$254	\$0	12	12	12	12
100.0	0	100.0	\$12,713	\$0	1	1	1	1
4.0	0	4.0	\$509	\$0	2	2	2	2
0.0	20	20.0	\$2,005	\$50	2	2	2	2
2.0	0	2.0	\$254	\$0	2	2	2	2
100.0	0	100.0	\$12,713	\$0	1	1	1	1
6.0	0	6.0	\$763	\$0	2	2	2	2
40.0	0	40.0	\$5,085	\$0	1	1	1	1
9.4	0	37.6	\$4,780	\$0	20	20	20	80
10.0	0	10.0	\$1,271	\$0	20	20	20	20
0.0	40	40.0	\$4,009	\$50	20	20	20	20
0.5	0	0.5	\$64	\$0	0	20	1	-
0.0	0	647.1	\$82,261	\$0	0	5	20	-
0.5	0	0.5	\$64	\$0	0	50	1	-
0.0	0	647.1	\$82,261	\$0	0	13	50	-
0.0	20	20.0	\$2,005	\$50	0	50	50	-
9.4	0	37.6	\$4,780	\$0	3	3	3	12
10.0	0	10.0	\$1,271	\$0	3	3	3	3
0.0	40	40.0	\$4,009	\$50	3	3	3	3
0.5	0	0.5	\$64	\$0	0	3	1	-
0.0	0	647.1	\$82,261	\$0	0	1	3	-
6.0	0	12.0	\$1,526	\$0	12	12	12	24
6.0	0	6.0	\$763	\$0	1	1	1	1
6.0	0	6.0	\$763	\$0	1	1	1	1
6.0	0	6.0	\$763	\$0	5	5	5	5
6.0	0	12.0	\$1,526	\$0	42	42	42	84
6.0	0	6.0	\$763	\$0	50	50	50	50
6.0	0	12.0	\$1,526	\$0	40	40	40	80
2.0	0	4.0	\$509	\$0	40	40	40	80
0.0	80	80.0	\$8,018	\$50	42	42	42	42
40.0	0	40.0	\$5,085	\$6,239	129	129	129	129
								10,194

al Responses per Year		Total Hours per Year			Total Labor Cost per Year			Total O&M Costs per Year
Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3	
1	1	100	100	100	\$12,713	\$12,713	\$12,713	\$0
24	24	144	144	144	\$18,307	\$18,307	\$18,307	\$0
6	6	240	240	240	\$30,511	\$30,511	\$30,511	\$0
6	6	600	600	600	\$60,138	\$60,138	\$60,138	\$300
1	1	3	1	1	\$381	\$64	\$64	\$0
287	287	144	575	575	\$18,270	\$73,079	\$73,079	\$0
4	4	48	48	48	\$6,102	\$6,102	\$6,102	\$200
8	8	2	2	2	\$254	\$254	\$254	\$0
2	2	4	4	4	\$509	\$509	\$509	\$0
2	2	4	4	4	\$509	\$509	\$509	\$0
244	244	1,464	1,464	1,464	\$186,118	\$186,118	\$186,118	\$0
61	61	610	610	610	\$77,549	\$77,549	\$77,549	\$0
61	61	6,100	6,100	6,100	\$611,403	\$611,403	\$611,403	\$3,050
1	1	31	1	1	\$3,877	\$64	\$64	\$0
2,922	2,922	1,461	5,844	5,844	\$185,743	\$742,972	\$742,972	\$0
64	64	128	128	128	\$16,273	\$16,273	\$16,273	\$0
12	12	72	72	72	\$9,153	\$9,153	\$9,153	\$0
144	144	864	864	864	\$109,840	\$109,840	\$109,840	\$0
7,500	7,500	1,875	1,875	1,875	\$238,369	\$238,369	\$238,369	\$0
12	12	3	3	3	\$381	\$381	\$381	\$0
2	2	40	40	40	\$4,009	\$4,009	\$4,009	\$100
2	2	4	4	4	\$509	\$509	\$509	\$0
2	2	4	4	4	\$509	\$509	\$509	\$0
61	61	122	122	122	\$15,510	\$15,510	\$15,510	\$0
8	8	8	8	8	\$1,017	\$1,017	\$1,017	\$0
144	144	288	288	288	\$36,613	\$36,613	\$36,613	\$0
5	5	100	100	100	\$10,023	\$10,023	\$10,023	\$250
100	100	2,000	2,000	2,000	\$200,460	\$200,460	\$200,460	\$5,000
64	64	384	384	384	\$48,818	\$48,818	\$48,818	\$0
16	16	160	160	160	\$20,341	\$20,341	\$20,341	\$0
50	50	400	400	400	\$50,852	\$50,852	\$50,852	\$0
8	8	8	8	8	\$1,017	\$1,017	\$1,017	\$0
-	10,000	0	0	5,000	\$0	\$0	\$635,650	\$0
-	2,227,500	0	0	6,188	\$0	\$0	\$786,617	\$0
8	8	48	48	48	\$6,102	\$6,102	\$6,102	\$0
8	8	16	16	16	\$2,034	\$2,034	\$2,034	\$0
16	16	32	32	32	\$4,068	\$4,068	\$4,068	\$0
4	4	80	80	80	\$8,018	\$8,018	\$8,018	\$200
1	1	100	100	100	\$12,713	\$12,713	\$12,713	\$0
6	6	24	24	24	\$3,051	\$3,051	\$3,051	\$0

6	6	120	120	120	\$12,028	\$12,028	\$12,028	\$300
6	6	12	12	12	\$1,526	\$1,526	\$1,526	\$0
12	12	24	24	24	\$3,051	\$3,051	\$3,051	\$0
1	1	100	100	100	\$12,713	\$12,713	\$12,713	\$0
2	2	8	8	8	\$1,017	\$1,017	\$1,017	\$0
2	2	40	40	40	\$4,009	\$4,009	\$4,009	\$100
2	2	4	4	4	\$509	\$509	\$509	\$0
1	1	100	100	100	\$12,713	\$12,713	\$12,713	\$0
2	2	12	12	12	\$1,526	\$1,526	\$1,526	\$0
1	1	40	40	40	\$5,085	\$5,085	\$5,085	\$0
80	80	752	752	752	\$95,602	\$95,602	\$95,602	\$0
20	20	200	200	200	\$25,426	\$25,426	\$25,426	\$0
20	20	800	800	800	\$80,184	\$80,184	\$80,184	\$1,000
20	1	0	10	1	\$0	\$1,271	\$64	\$0
582,353	2,329,412	0	3,235	12,941	\$0	\$411,303	\$1,645,212	\$0
50	1	0	25	1	\$0	\$3,178	\$64	\$0
1,455,882	5,823,529	0	8,088	32,353	\$0	\$1,028,257	\$4,113,029	\$0
50	50	0	1,000	1,000	\$0	\$100,230	\$100,230	\$0
12	12	113	113	113	\$14,340	\$14,340	\$14,340	\$0
3	3	30	30	30	\$3,814	\$3,814	\$3,814	\$0
3	3	120	120	120	\$12,028	\$12,028	\$12,028	\$150
3	1	0	2	1	\$0	\$191	\$64	\$0
87,353	349,412	0	485	1,941	\$0	\$61,695	\$246,782	\$0
24	24	144	144	144	\$18,307	\$18,307	\$18,307	\$0
1	1	6	6	6	\$763	\$763	\$763	\$0
1	1	6	6	6	\$763	\$763	\$763	\$0
5	5	30	30	30	\$3,814	\$3,814	\$3,814	\$0
84	84	504	504	504	\$64,074	\$64,074	\$64,074	\$0
50	50	300	300	300	\$38,139	\$38,139	\$38,139	\$0
80	80	480	480	480	\$61,022	\$61,022	\$61,022	\$0
80	80	160	160	160	\$20,341	\$20,341	\$20,341	\$0
42	42	3,360	3,360	3,360	\$336,773	\$336,773	\$336,773	\$2,100
129	129	5,160	5,160	5,160	\$655,991	\$655,991	\$655,991	\$804,857
2,138,248	10,752,442	30,339	47,966	94,545	3,497,620	5,711,653	11,633,238	817,607
12,900,885		172,850			\$20,842,512			\$2,452,820
4,300,295		57,617			\$6,947,504			\$817,607

\$12,328	\$12,328	\$12,328	2
\$1,526	\$1,526	\$1,526	3
\$3,051	\$3,051	\$3,051	3
\$12,713	\$12,713	\$12,713	1
\$1,017	\$1,017	\$1,017	1
\$4,109	\$4,109	\$4,109	2
\$509	\$509	\$509	3
\$12,713	\$12,713	\$12,713	1
\$1,526	\$1,526	\$1,526	1
\$5,085	\$5,085	\$5,085	1
\$95,602	\$95,602	\$95,602	1
\$25,426	\$25,426	\$25,426	1
\$81,184	\$81,184	\$81,184	2
\$0	\$1,271	\$64	1
\$0	\$411,303	\$1,645,212	1
\$0	\$3,178	\$64	1
\$0	\$1,028,257	\$4,113,029	1
\$0	\$100,230	\$100,230	2
\$14,340	\$14,340	\$14,340	1
\$3,814	\$3,814	\$3,814	1
\$12,178	\$12,178	\$12,178	2
\$0	\$191	\$64	1
\$0	\$61,695	\$246,782	1
\$18,307	\$18,307	\$18,307	1
\$763	\$763	\$763	1
\$763	\$763	\$763	1
\$3,814	\$3,814	\$3,814	1
\$64,074	\$64,074	\$64,074	1
\$38,139	\$38,139	\$38,139	1
\$61,022	\$61,022	\$61,022	1
\$20,341	\$20,341	\$20,341	3
\$338,873	\$338,873	\$338,873	2
\$1,460,848	\$1,460,848	\$1,460,848	1
4,315,227	6,529,260	12,450,845	
\$23,295,332			
\$7,765,111			



Total O&M Costs	Total Costs
\$817,607	\$4,315,227
\$817,607	\$6,529,260
\$817,607	\$12,450,845
\$817,607	\$7,765,111

- -

Average
43,326
14,027
57,353

Agency Assumptions

Activity	Managerial Hours per activity	Technical Hours per activity	Clerical Hours per activity
Develop and Maintain a Certification ID Tracking System	120.0	3000.0	0.0
Notify Submitters of Baseline Allowances	0.1	1.0	0.0
Review Data for Reporting Completeness and Compliance	0.0	0.3	0.0
Process Transfer Reports	0.1	0.5	0.0
Review Petitions to Import HFCs	0.1	1.0	0.0
Review Importer of Record Reports	0.1	1.0	0.0
Review Third-Party Audits	0.1	2.0	0.0
Provide Reporting Guidance	0.0	2.0	0.0
Conduct Stakeholder Outreach Efforts	4.0	60.0	0.0
Maintain the Data Tracking System	40.0	750.0	0.0
Review Import Data Submitted in ACE	0.0	0.3	0.0
Conduct Compliance Monitoring Activities	120.0	2500.0	0.0
Ensure Non-Exceedance of AIM Act Limits	20.0	80.0	0.0

Activity	Number of Activities		
	Y1	Y2	Y3
Develop and Maintain a Certification ID Tracking System	1	1	0.8
Notify Submitters of Baseline Allowances	67	67	67
Review Data for Reporting Completeness and Compliance	8,234	8,234	8,234
Process Transfer Reports	31	31	31
Review Petitions to Import HFCs	76	76	76
Review Importer of Record Reports	61	61	61
Review Third-Party Audits	129	129	129
Provide Reporting Guidance	40	40	40
Conduct Stakeholder Outreach Efforts	1	1	1
Maintain the Data Tracking System	1	1	1
Review Import Data Submitted in ACE	64	64	64
Conduct Compliance Monitoring Activities	2	2	2
Ensure Non-Exceedance of AIM Act Limits	1	1	1



Contractor Hours per activity	Source
12000.0	Based on input from EPA
1.0	Based on ODS ICR and input from EPA
1.0	Based on ODS ICR and input from EPA
0.5	Based on ODS ICR
0.5	Based on ODS ICR and input from EPA
0.0	
4.0	Based on input from EPA
2.0	Based on ODS ICR plus an increase since new program
120.0	Based on ODS ICR plus an increase since new program
1800.0	Based on input from EPA
0.1	Based on input from EPA
750.0	Based on input from EPA
80.0	Based on ODS ICR and input from EPA

Source
Assumes development will be complete after year 2
Equals the number of producers + importers
Equals the number of one-time reports, producer, importer, exporter, transformation, destruction, process agent, RACA, and application-specific allowance holder reports received per year
Equals the number of trade reports received per year
Equals the number of petitions to import for destruction received per year
Equals the maximum number of importers
Based on ODS ICR
Based on current import level and EPA estimated effort imports and exports

Agency Burden

Activity	Managerial Hours per Activity	Technical Hours per Activity	Clerical Hours per Activity
Develop and Maintain a Certification ID Tracking System	120.0	3,000.0	0.0
Notify Submitters of Baseline Allowances	0.1	1.0	0.0
Review Data for Reporting Completeness and Compliance	0.0	0.3	0.0
Process Transfer Reports	0.1	0.5	0.0
Review Petitions to Import HFCs	0.1	1.0	0.0
Review Importer of Record Reports	0.1	1.0	0.0
Review Third-Party Audits	0.1	2.0	0.0
Provide Reporting Guidance	0.0	2.0	0.0
Conduct Stakeholder Outreach Efforts	4.0	60.0	0.0
Maintain the Data Tracking System	40.0	750.0	0.0
Review Import Data Submitted in ACE	0.0	0.3	0.0
Conduct Compliance Monitoring Activities	120.0	2,500.0	0.0
Ensure Non-Exceedance of AIM Act Limits	20.0	80.0	0.0
TOTAL			
3 Year Total			
Annual Average			

Hourly Rates			
Managerial Rate	GS 15 Step 1	\$71.15	1.6
Technical Rate	GS 13 Step 1	\$51.18	1.6
Clerical Rate	GS 11 Step 1	\$49.04	1.6
Extramural Rate			

Contractor Hours per Activity	Number of Activities			Total Hours		
	Y1	Y2	Y3	Y1	Y2	Y3
12,000.0	1	1	0.8	15,120	15,120	11,340
1.0	67	67	67	141	141	141
1.0	8,234	8,234	8,234	10,951	10,951	10,951
0.5	31	31	31	34	34	34
0.5	76	76	76	122	122	122
0.0	61	61	61	67	67	67
4.0	129	129	129	787	787	787
2.0	40	40	40	160	160	160
120.0	1	1	1	184	184	184
1,800.0	1	1	1	2,590	2,590	2,590
0.1	64	64	64	23	23	23
750.0	2	2	2	6,740	6,740	6,740
80.0	1	1	1	180	180	180
				37,099	37,099	33,319
				107,516.0		
				35,839		

Managerial Cost		
Y1	Y2	Y3
\$13,661	\$13,661	\$10,246
\$763	\$763	\$763
\$0	\$0	\$0
\$353	\$353	\$353
\$865	\$865	\$865
\$694	\$694	\$694
\$1,469	\$1,469	\$1,469
\$0	\$0	\$0
\$455	\$455	\$455
\$4,554	\$4,554	\$4,554
\$73	\$73	\$73
\$27,322	\$27,322	\$27,322
\$2,277	\$2,277	\$2,277
\$52,485	\$52,485	\$49,070
\$154,039		
\$51,346		

\$113.84
\$81.89
\$78.46
\$130.52



Technical Cost			Clerical Cost			Contractor Cost		
Y1	Y2	Y3	Y1	Y2	Y3	Y1	Y2	Y3
\$245,670	\$245,670	\$184,253	\$0	\$0	\$0	\$1,566,240	\$1,566,240	\$1,174,680
\$5,487	\$5,487	\$5,487	\$0	\$0	\$0	\$8,745	\$8,745	\$8,745
\$222,513	\$222,513	\$222,513	\$0	\$0	\$0	\$1,074,702	\$1,074,702	\$1,074,702
\$1,269	\$1,269	\$1,269	\$0	\$0	\$0	\$2,023	\$2,023	\$2,023
\$6,224	\$6,224	\$6,224	\$0	\$0	\$0	\$4,960	\$4,960	\$4,960
\$4,995	\$4,995	\$4,995	\$0	\$0	\$0	\$0	\$0	\$0
\$21,128	\$21,128	\$21,128	\$0	\$0	\$0	\$67,348	\$67,348	\$67,348
\$6,551	\$6,551	\$6,551	\$0	\$0	\$0	\$10,442	\$10,442	\$10,442
\$4,913	\$4,913	\$4,913	\$0	\$0	\$0	\$15,662	\$15,662	\$15,662
\$61,418	\$61,418	\$61,418	\$0	\$0	\$0	\$234,936	\$234,936	\$234,936
\$1,310	\$1,310	\$1,310	\$0	\$0	\$0	\$835	\$835	\$835
\$409,450	\$409,450	\$409,450	\$0	\$0	\$0	\$195,780	\$195,780	\$195,780
\$6,551	\$6,551	\$6,551	\$0	\$0	\$0	\$10,442	\$10,442	\$10,442
\$997,479	\$997,479	\$936,062	\$0	\$0	\$0	\$3,192,115	\$3,192,115	\$2,800,555
\$2,931,020			\$0			\$9,184,784		
\$977,007			\$0			\$3,061,595		



Total Cost		
Y1	Y2	Y3
\$1,825,571	\$1,825,571	\$1,369,178
\$14,994	\$14,994	\$14,994
\$1,297,215	\$1,297,215	\$1,297,215
\$3,645	\$3,645	\$3,645
\$12,049	\$12,049	\$12,049
\$5,690	\$5,690	\$5,690
\$89,944	\$89,944	\$89,944
\$16,993	\$16,993	\$16,993
\$21,031	\$21,031	\$21,031
\$300,907	\$300,907	\$300,907
\$2,218	\$2,218	\$2,218
\$632,552	\$632,552	\$632,552
\$19,270	\$19,270	\$19,270
\$4,242,079	\$4,242,079	\$3,785,686
\$12,269,843		
\$4,089,948		

Year	Total Hours	Total Costs
Year 1	37,099	\$4,242,079
Year 2	37,099	\$4,242,079
Year 3	33,319	\$3,785,686
Annual Average	35,839	\$4,089,948

\$11,855,058