

	updated 09/21/2017			
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Pesticide Registrants (NAICS: 325300)

Labor Category:	Formula	Managerial	Technical	Clerical
Unloaded Hourly Rate1	= W	\$ 56.84	\$ 30.60	\$ 19.92
Benefits Percentage2	Lb = B/W	46.4%	46.4%	46.4%
Benefits per hour	B = W*Lb	\$ 26.37	\$ 14.20	\$ 9.24
Loaded Hourly Rate	Wb = W + B = W(1+L)	\$ 83.21	\$ 44.80	\$ 29.16
Overhead Percentage3	Lo = OH/Wb	50%	50%	50%
Overhead per hour	OH = Wb*LOH	\$ 41.60	\$ 22.40	\$ 14.58
Fully Loaded Hourly Rate	= W + B + OH	\$ 124.81	\$ 67.19	\$ 43.74

1. Data Source: BLS http://www.bls.gov/oes/current/naics4_325300.htm May 2016 data

NAICS 325300 - Pesticide, Fertilizer, and Other Agricultural Chemical Manufacturing Last Modified Date: September 21,

Standard Occupational Codes:

Management: 11-0000, Management Occupations

Technical: 19-0000, Life, Physical, and Social Science Occupations

Clerical: 43-0000, Office and Administrative Support Occupations

2. Fringe benefits/wage per hour. The average for non farm, non federal civilian workers.

3. U. S. Environmental Protection Agency, EPA Air Pollution Control Cost Manual, Sixth Edition, EPA-452-02-001, January 2002, pg. 2-34. The

STUDIES

Table 1a. Respondent Burden and Cost Estimates per Submission - STUDIES

Collection Activities	Burden Hours (per study) by Labor Type			Total	
	Managerial	Technical	Clerical	Hours	Costs (\$)
	\$124.81	\$67.19	\$43.74		
Read Instructions	0.10	0.20	0.00	0.30	\$25.92
Create Information	0.00	1.00	0.00	1.00	\$67.19
Compile and Review	0.10	0.55	0.00	0.65	\$49.44
Complete Paperwork	0.00	0.10	0.50	0.60	\$28.59
Store and Maintain Data	0.00	0.20	0.50	0.70	\$35.31
Total (per study)	0.20	2.05	1.00	3.25	\$206.45
Annual Submissions	237				

Table 1b. Annual Respondent Burden and Cost Estimates - STUDIES

Labor Category	Burden Hours per Request	Number of Submissions	Total Annual Hours	Labor Rate (\$/hr)	Costs (\$)
Managerial	0.20	237	47	\$124.81	\$5,916
Technical	2.05	237	486	\$67.19	\$32,646
Clerical	1.00	237	237	\$43.74	\$10,367
TOTAL (per year)	3.25	237	770		\$48,929

INCIDENTS

Table 2a. Respondent Burden and Cost Estimates per Submission - INCIDENTS

Collection Activities	Burden Hours (per study) by Labor Category			Total	
	Managerial	Technical	Clerical	Hours	Costs (\$)
	\$124.81	\$67.19	\$43.74		
Read Instructions	0.00	0.10	0.00	0.10	\$6.72
Create Information	0.00	0.55	0.00	0.55	\$36.96
Compile and Review	0.25	0.60	0.00	0.85	\$71.52
Complete Paperwork	0.00	0.00	0.55	0.55	\$24.06
Store and Maintain Data	0.00	0.12	0.20	0.32	\$16.81
Total (per incident)	0.25	1.37	0.75	2.37	\$156.06
Annual Submissions	107,798				

Table 2b. Annual Respondent Burden and Cost Estimates - INCIDENTS

Labor Category	Burden Hours per Request	Number of Submissions	Total Annual Hours	Labor Rate (\$/hr)	Costs (\$)
Managerial	0.25	107,798	26,950	\$124.81	\$3,363,625
Technical	1.37	107,798	147,683	\$67.19	\$9,923,286
Clerical	0.75	107,798	80,849	\$43.74	\$3,536,422
TOTAL (per year)	2.37	107,798	255,481		\$16,823,333

ALL SUBMISSIONS (STUDIES + INCIDENTS)

Table 3. Total Annual Respondent Burden and Cost Estimates for Studies and Incidents

	Per Submission Estimates		Total Submissions Expected per Year	Totals	
	Burden Hours	Costs (\$)		Burden Hours	Costs (\$)
Studies	3.25	\$206.45	237	770	\$48,929
Incidents	2.37	\$156.06	107,798	255,481	\$16,823,333
TOTAL			108,035	256,252	\$16,872,261

TRAINING

Table 4. Registrant Burden and Cost Estimates for Training Activities

	Burden Hours by Labor Category			Total (per activity)	
	Managerial	Technical	Clerical	Hours	Costs (\$)
Training Activity	\$124.81	\$67.19	\$43.74		
Plan Training	0.50	0.10	0.00	0.60	\$69.13
Conduct Employee Training	0.50	1.50	1.00	3.00	\$206.94
Follow-up, Tracking	0.00	0.10	0.20	0.30	\$15.47
Total (per year)					
Plan Training	1,452	Based on the number of registrants			
Conduct Employee Training	14,520	Based on the assumption that each registrant trains 10 employees per year in 6a2 activities			
Follow-up, Tracking	1,452	Based on the number of registrants			
	17,424	Sum of all activities			

ALL ACTIVITIES (STUDIES + INCIDENTS + TRAINING)

Table 5. Studies + Incidents + Training - Total Annual Respondent Burden and Cost for Respondents

Submission Type or Activity	Total Submissions or Activities each Year	TOTALS	
		Hours	Costs (\$)
Studies	237	770	\$48,929
Incidents	107,798	255,481	\$16,823,333
Training Activities	17,424	44,867	\$3,127,554
TOTAL (per year)	125,459	301,118	\$19,999,815

Agency Burden	updated 09/21/2017			
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EPA or Federal Government (NAICS: 999100)

Labor Category:	Formula	Managerial	Technical	Clerical
Unloaded Hourly Rate1	= W	\$ 57.87	\$ 37.98	\$ 21.47
Benefits Percentage2	Lb = B/W	46.4%	46.4%	46.4%
Benefits per hour	B = W*Lb	\$ 26.85	\$ 17.62	\$ 9.96
Loaded Hourly Rate	Wb = W + B = W(1+L)	\$ 84.72	\$ 55.60	\$ 31.43
Overhead Percentage3	Lo = OH/Wb	50%	50%	50%
Overhead per hour	OH = Wb*LOH	\$ 42.36	\$ 27.80	\$ 15.71
Fully Loaded Hourly Rate	= W + B + OH	\$ 127.07	\$ 83.40	\$ 47.14

1. Data Source: BLS http://www.bls.gov/oes/current/naics4_999100.htm May 2016 data

NAICS 999100 - Federal Executive Branch Last Modified Date

Standard Occupational Codes:

Management: 11-0000, Management Occupations

Technical: 19-0000, Life, Physical, and Social Science Occupations updated 4/08/2014

Clerical: 43-0000, Office and Administrative Support Occupations

2. Fringe benefits/wage per hour. The average for non farm, non federal civilian workers.

3. U. S. Environmental Protection Agency, EPA Air Pollution Control Cost Manual, Sixth Edition, EPA-452-02-001, J

STUDIES

Table 6a. Agency Burden and Cost Estimates per Submission - STUDIES

Collection Activities	Burden Hours per Submission by Labor Category			Total Hours
	Managerial	Technical	Clerical	
	\$127.07	\$83.40	\$47.14	
Screen submitted information	0.00	2.00	0.00	2.00
Record, file, and track submissions	0.00	3.60	0.90	4.50
Total (per study)	0.00	5.60	0.90	6.50
Annual Submissions	237			

Table 6b. Annual Agency Burden and Cost Estimates - STUDIES

Labor Category	Burden Hours per Request	Number of Submissions	Total Annual Hours	Labor Rate (\$/hr)
Managerial	0.00	237	0	\$127.07
Technical	5.60	237	1327	\$83.40
Clerical	0.90	237	213	\$47.14
TOTAL (per year)	6.50	237	1541	

INCIDENTS

Table 7a. Agency Burden and Cost Estimates per Submission - INCIDENTS

Collection Activities	Burden Hours per Submission by Labor Category			Total Hours
	Managerial	Technical	Clerical	
	\$127.07	\$83.40	\$47.14	
Screen Submitted Information	0.000	0.135	0.000	0.135
Record, File and Track Submissions	0.000	0.023	0.033	0.056
Communications, Guidance	0.000	0.025	0.000	0.025
Total (per incident)	0.000	0.183	0.033	0.216
Annual Submissions	107,798			

Table 7b. Annual Agency Burden and Cost Estimates - INCIDENTS

Labor Category	Burden Hours per Request	Number of Submissions	Total Annual Hours	Labor Rate (\$/hr)
Managerial	0.000	107,798	0	\$127.07
Technical	0.183	107,798	19,727	\$83.40
Clerical	0.033	107,798	3,557	\$47.14

TOTAL (per year)	0.216	107,798	23,284	

ALL SUBMISSIONS (STUDIES + INCIDENTS)

Table 8. Total Annual Agency Burden and Cost Estimates

	Per Submission Estimates		Total Submissions Expected per Year	To Burden Hours
	Hours	Costs (\$)		
Studies	6.50	\$509.46	237	1,541
Incidents	0.216	\$16.82	107,798	23,284
TOTAL			108,035	24,825

Table 9

Table 9. MASTER TABLE	TOTAL		207
	Hours	Costs (\$)	
Annual Respondent Burden and Cost Estimates	301,118	\$19,999,815	
Annual Agency Burden and Cost Estimates	24,825	\$1,933,656	
TOTAL	325,943	\$21,933,471	

4	January 2002, pg. 2-34. The loading for indirect costs is within the range of 20-70% of the load labor rate (wage + benefits) suggested by the AIA. The indirect cost rate is 34.26% of the direct labor cost.
tal	
Costs (\$)	
\$166.80	
\$342.66	
\$509.46	
tal	
Costs (\$)	
\$0	
\$110,686	
\$10,056	
\$120,742	
tal	
Costs (\$)	
\$11.26	
\$3.47	
\$2.08	
\$16.82	
tal	
Costs (\$)	
\$0	
\$1,645,203	
\$167,710	

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