

	updated 09/21/2017				
<b>Pesticide Registrants (NAICS: 325300)</b>					
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*Lo	\$ 41.60	\$ 22.40	\$ 14.58	
Fully Loaded Hourly Rate	= W + B + OH	<b>\$ 124.81</b>	<b>\$ 67.19</b>	<b>\$ 43.74</b>	
1. Data Source: BLS	<a href="http://www.bls.gov/oes/current/naics4_325300.htm">http://www.bls.gov/oes/current/naics4_325300.htm</a>			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					
<b>STUDIES</b>					

Table 1a. Respondent Burden and Cost Estimates per Submission - STUDIES					
	Burden Hours (per study) by Labor Type			Total	
	Managerial	Technical	Clerical	Hours	Costs (\$)
Collection Activities	\$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
<b>Annual Submissions</b>	<b>237</b>				
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
<b>TOTAL (per year)</b>	<b>3.25</b>	<b>237</b>	<b>770</b>		<b>\$48,929</b>
<b>INCIDENTS</b>					

Table 2a. Respondent Burden and Cost Estimates per Submission - INCIDENTS					
	Burden Hours (per study) by Labor Category			Total	
	Managerial	Technical	Clerical	Hours	Costs (\$)
Collection Activities	\$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
<b>Total (per incident)</b>	<b>0.25</b>	<b>1.37</b>	<b>0.75</b>	<b>2.37</b>	<b>\$156.06</b>
<b>Annual Submissions</b>	<b>107,798</b>				
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
<b>TOTAL (per year)</b>	<b>2.37</b>	<b>107,798</b>	<b>255,481</b>		<b>\$16,823,333</b>
<b>ALL SUBMISSIONS (STUDIES + INCIDENTS)</b>					

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
<b>TOTAL</b>			<b>108,035</b>	<b>256,252</b>	<b>\$16,872,261</b>
<b>TRAINING</b>					

Table 4. Registrant Burden and Cost Estimates for Training Activities

Training Activity	Burden Hours by Labor Category			Total (per activity)	
	Managerial	Technical	Clerical	Hours	Costs (\$)
	\$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			
	<b>17,424</b>	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		
<b>TOTAL (per year)</b>	<b>125,459</b>	<b>301,118</b>	<b>\$19,999,815</b>		

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Agency Burden	updated 09/21/2017			
<b>EPA or Federal Government (NAICS: 999100)</b>				
Labor Category:	Formula	Managerial	Technical	Clerical
Unloaded Hourly Rate <sup>1</sup>	= W	\$ 57.87	\$ 37.98	\$ 21.47
Benefits Percentage <sup>2</sup>	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+Lb)	\$ 84.72	\$ 55.60	\$ 31.43
Overhead Percentage <sup>3</sup>	Lo = OH/Wb	50%	50%	50%
Overhead per hour	OH = Wb*Lo	\$ 42.36	\$ 27.80	\$ 15.71
Fully Loaded Hourly Rate	= W + B + OH	\$ 127.07	\$ 83.40	\$ 47.14
1. Data Source: BLS	<a href="http://www.bls.gov/oes/current/naics4_999100.htm">http://www.bls.gov/oes/current/naics4_999100.htm</a>			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
	Managerial	Technical	Clerical	Hours
	\$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
<b>Total (per study)</b>	<b>0.00</b>	<b>5.60</b>	<b>0.90</b>	<b>6.50</b>
<b>Annual Submissions</b>	<b>237</b>			

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
<b>TOTAL (per year)</b>	<b>6.50</b>	<b>237</b>	<b>1541</b>	

## INCIDENTS

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

Collection Activities	Burden Hours per Submission by Labor Category			Total
	Managerial	Technical	Clerical	Hours
	\$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
<b>Total (per incident)</b>	<b>0.000</b>	<b>0.183</b>	<b>0.033</b>	<b>0.216</b>
<b>Annual Submissions</b>	<b>107,798</b>			

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	To
	Hours	Costs (\$)	Expected per Year	Burden Hours
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			
	Hours	Costs (\$)		
Annual Respondent Burden and Cost Estimates	301,118	\$19,999,815		207
Annual Agency Burden and Cost Estimates	24,825	\$1,933,656		
TOTAL	325,943	\$21,933,471		

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