

WAGE HOUR ESTII

Occupational Title	Standard Occupational Code
Supervisor	11-1021
Worker	00-0000
Secretary	43-6010
Occupational Health and Safety Specialists and Technicians	29-9010

Source:

BLS, 2016 (Bureau of Labor Statistics, Occupational Employment Statistics (OES), May 2016; date
BLS, 2017 (Employer Costs for Employee Compensation news release text; For release 10:00 AM

MATES

Mean Hour Wage Rate (A)	Fringe Benefits (B)	Loaded Hourly Wage Rate (C) = (A)/((1-(B)))	Source
\$58.70	30.40%	\$84.34	BLS, 2016; BLS, 2017
\$23.86	30.40%	\$34.28	BLS, 2016; BLS, 2017
\$19.39	30.40%	\$27.86	BLS, 2016; BLS, 2017
\$33.14	30.40%	\$47.61	BLS, 2016; BLS, 2017

accessed: September 12, 2017; <https://www.bls.gov/oes/tables.htm>
 (EDT), December, 2017) Link: https://www.bls.gov/news.release/archives/ecec_12152017.htm



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ICR Year	Data Year	Total Establishments	Total Employees	Affected Estabs
2001	2001	7,095,302	115,061,184	619,400
2008	2005	7,499,702	116,317,003	639,623
2011	2007	7,705,018	120,604,265	618,804
2014	2011	7,354,043	113,425,965	610,213
2015	2012	7,431,808	115,938,468	616,035
2017	2015	7,663,938	124,085,947	631,607

2001 Respiratory Survey Industry Group	NAICS	Sector Name	2001	
			est	emp
Total	-----	Total	7095302	115061184
Agriculture, forestry, and fishing	11----	Forestry, Fishing,	26447	183476
Mining	21----	Mining	24319	485565
Transportation and public utilities	22----	Utilities	17702	654484
Construction	23----	Construction	698898	6491994
Manufacturing	31----	Manufacturing	352619	15950424
Wholesale trade	42----	Wholesale Trade	438924	6142089
Retail trade	44----	Retail Trade	1119950	14890289
Transportation and public utilities	48----	Transportation a	190683	3750663
Services	51----	Information	137293	3754698
estate	52----	Finance and Insur	425028	6248400
Finance, insurance, and real estate	53----	Real Estate and R	307003	2013673
Services	54----	Professional, Scie	736454	7156579
Services	55----	Management of C	47559	2879223
Services	56----	Administrative a	362665	9061987
Services	61----	Educational Serv	70878	2612430
Services	62----	Health Care and S	671370	14534726
Services	71----	Arts, Entertainme	105961	1780362
Services	72----	Accommodation a	548569	9972301
Services	81----	Other Services (ex	719402	5370479
Excluded	95----	Auxiliaries, excep	14934	1022114
Excluded	99----	Unclassified	78644	105228

Sector	2001			
	CBP EST	CBP EMP	Respirator Survey Original Estimate	Average Employment (2011 Survey) based on Table 3

Agriculture, forestry, and fishing*	26,447	183,476	27,300	8
Mining**	16,325	274,309	8,400	15
Transportation and public utilities	208,385	4,405,147	29,000	9
Construction	698,898	6,491,994	153,900	18
Manufacturing	352,619	15,950,424	100,900	18
Wholesale trade	438,924	6,142,089	66,300	6
Retail trade	1,119,950	14,890,289	43,700	7
Services	3,400,151	57,122,785	177,100	5
Finance, insurance, and real estate	732,031	8,262,073	12,900	13
Subtotal	6,993,730	113,722,586	619,430	12
Excluded	93,578	1,127,342		
Total	7,095,302	115,061,184	619,430	

* Assumed 100% of agricultural establishments.

** In this sector, only 211111, 211112, 213111, and 213112 are under OSHA's jurisdiction.

CBP for relevant 6 digit NAICS in the Mining Sector

NAICS	2001		2005	
	est	emp	est	emp
211111	7254	78394	6948	72350
211112	437	9586	442	13212
213111	1654	58528	2145	66084
213112	6980	127801	7206	136038

Affected Employees
5,000,000
5,412,000
4,965,000
4,976,500
5,465,461
5,849,542

Detailed explanation of methodology: Respirator Usage in Private Sector Firms, 2001. U.S. Department of Health (NIOSH). September 2003. Text Table 1: "Number and percent of establishments using respirators, respirators in each sector by calculating the ratio of the number of establishments reported in Table 1 to ratio to the 2012 County Business Patterns. OSHA adjusted the total 2001 CBP to represent only those in the Respirator Usage Survey, OSHA aggregated some CBP sectors: 22 (Utilities) and 48-49 (Transportation and Warehousing (Information) and 54-81. Notably, 95 (Auxiliaries, except Corporate, Subsidiary, and Regional Managing Offices) were added to the 2012 CBP (the latest available as of April 2015) to determine the total number of establishments reported in the 2001 Respirator Usage survey exceeded the total number of establishments reported in the 2001 Respirator Usage survey included animal and crop production and animal and crop production. OSHA cannot determine how many of the establishments were animal and crop production and how many of the establishments were animal and crop production. For sector 21 (Mining) OSHA used only establishments in NAICS 211111, 212111, and 213111.

2005		2007		2011	
est	emp	est	emp	est	emp
7499702	116317003	7,705,018	120,604,265	7354043	113425965
24102	168744	23,645	172,105	21340	156520
24696	497272	26,202	700,887	28022	651204
17326	633106	16,674	622,757	17634	639795
787672	6781327	811,452	7,267,883	657738	5190921
333460	13667337	331,355	13,320,172	295643	10984361
429823	5968929	434,464	5,964,850	411930	5626328
1123207	15338672	1,123,629	15,759,928	1062942	14698563
211150	4168016	219,806	4,395,432	211854	4106359
141290	3402599	143,779	3,399,313	134452	3121317
476806	6431837	508,091	6,548,868	467537	5886602
370651	2144077	380,138	2,224,175	341683	1917640
826101	7689366	867,556	8,179,941	850903	7929910
47593	2856418	50,643	3,121,402	49497	2921669
369507	9280282	384,501	9,983,661	380671	9389950
80486	2879374	86,896	3,039,385	91492	3386047
746600	16025147	784,231	16,797,647	818726	18059112
121777	1936484	125,222	2,008,567	123327	2003129
603435	11025909	632,489	11,564,864	649011	11556285
740034	5390954	744,252	5,519,773	722398	5181801
NA	NA	NA	NA	NA	NA
23986	31153	9,993	12,655	17243	0

	2005			2007	
Covered Employees	CBP EST	CBP EMP	RespSurvEst_inflated	CBP EST	CBP EMP

210,541	24,102	168,744	24,102	23,645	172,105
129,600	16,741	287,684	8,614	18,396	462,766
266,963	228,476	4,801,122	31,796	236,480	5,018,189
2,794,583	787,672	6,781,327	173,448	811,452	7,267,883
1,842,395	333,460	13,667,337	95,418	331,355	13,320,172
388,663	429,823	5,968,929	64,925	434,464	5,964,850
305,641	1,123,207	15,338,672	43,827	1,123,629	15,759,928
965,617	3,676,823	60,486,533	191,511	3,819,569	63,614,553
167,052	847,457	8,575,914	14,934	888,229	8,773,043
7,071,055	7,467,761	116,076,262	648,575	7,687,219	120,353,489
	23,986	31,153		9,993	12,655
	7,499,702	116,317,003		7,705,018	120,604,265

2007		2011		2012	
est	emp	est	emp	est	emp
7221	133286	7757	108954	7720	114524
321	8523	338	10005	344	10477
2482	106426	2436	94506	2539	106368
8372	214531	9975	219827	10872	272357

of Labor, Bureau of Labor Statistics (BLS) and the National Institute for Occupational Safety and Health (NIOSH) by selected type of use and industry division." OSHA estimated the share of establishments using respirators in total establishments reported by the 2001 County Business Patterns (CBP) and applying this same methodology to the same industries covered by the regulation. To compare the CBP to the sectors reported in the Respirator Survey (2012); 52 (Finance and Insurance) and 53 (Real Estate and Rental and Leasing); and 51 (Offices) and 99 (Unclassified) were excluded from the comparison. OSHA applied the resulting methodology to establishments within each industry division using respirators in 2012. Notably, the number of agricultural establishments reported by CBP in 2001 in sector 11 (Forestry, Fishing, Hunting, and Agriculture, and crop production establishments which are not counted in CBP or covered by OSHA. Because some establishments were in CBP's sector 11 industries, OSHA conservatively assumed 100% of establishments in 211111, 213111, and 213112) because other mining industries are not regulated by OSHA.

2012		2015	
est	emp	est	emp
7431808	115938468	7663938	124085947
22046	161077	22368	160144
28909	727626	29225	743660
17833	641063	17990	639234
652902	5260942	682390	6008286
297221	11192043	292825	11605501
420501	5776243	413437	6076109
1063842	14807958	1070209	15704167
214492	4233381	228382	4616568
135185	3136025	139508	3394317
474510	5979661	470062	6135914
349776	1940681	377602	2065427
859182	8016181	896026	8798260
52247	3037299	53943	3308759
387465	9866296	404282	11112465
95872	3477047	101981	3642170
833883	18378342	876072	19221864
125082	2057290	133610	2230822
662757	11985274	687619	13196892
730999	5256250	746046	5401233
NA	NA	NA	NA
7104	0	20361	24155

	2011			2012	
RespSurvEst_inflated	CBP EST	CBP EMP	RespSurvEst_inflated	CBP EST	CBP EMP

23,645	21,340	156,520	21,340	22,046	161,077
9,466	20,506	433,292	10,551	21,475	503,726
32,910	229,488	4,746,154	31,937	232,325	4,874,444
178,685	657,738	5,190,921	144,836	652,902	5,260,942
94,815	295,643	10,984,361	84,597	297,221	11,192,043
65,626	411,930	5,626,328	62,223	420,501	5,776,243
43,844	1,062,942	14,698,563	41,476	1,063,842	14,807,958
198,946	3,820,477	63,549,220	198,993	3,882,672	65,210,004
15,653	809,220	7,804,242	14,260	824,286	7,920,342
663,589	7,329,284	113,189,601	610,213	7,417,270	115,706,779
	17,243	0		7,104	0
663,589	7,354,043	113,425,965	610,213	7,431,808	115,938,468

2015	
est	emp
7477	124847
429	10635
2313	89471
11880	314589

		2015			
RespSurvEst_inflated	Change in Employment 2001 to 2012	CBP EST	CBP EMP	RespSurvEst_inflated	Change in Employment 2001 to 2015

22,046	-12.21%	22,368	160,144	22,368	-12.72%
11,050	83.63%	22,099	539,542	11,371	96.69%
32,332	10.65%	246,372	5,255,802	34,286	19.31%
143,772	-18.96%	682,390	6,008,286	150,265	-7.45%
85,048	-29.83%	292,825	11,605,501	83,790	-27.24%
63,517	-5.96%	413,437	6,076,109	62,450	-1.07%
41,511	-0.55%	1,070,209	15,704,167	41,759	5.47%
202,233	14.16%	4,039,087	70,306,782	210,380	23.08%
14,526	-4.14%	847,664	8,201,341	14,938	-0.74%
616,035	1.74%	7,636,451	123,857,674	631,607	8.91%
		20,361	24,155	0	
616,035		7,663,938	124,085,947	631,607	

Potential savings from proposed fit testing protocols

		Wage - loaded
Time saving per test - min.	5	\$32.65
Share switching	0.5	
H&S specialists time per testee	1.25	

Respirator Type	Respirator Type	No. of users [a]	
Powered	Loose-fitting facepiece	121,817	
	Hood/helmet without neck seal	51,151	
	Hood/helmet with neck seal	57,298	
	Tight-fitting half facepiece	103,590	
	Tight-fitting full facepiece	107,813	
Non Powered	Dust mask (disposable)	2,406,446	O
	Half-mask	1,541,278	O
	Full-facepiece	704,358	M
	Mouth-piece	95,919	O
Air Supplied	SCBA	210,815	check
	Airline, with half-mask	51,458	
	Airline, with full-facepiece	174,868	
	Airline, with integral hood/helmet	111,106	
	Combination SCBA/airline	111,626	check
	Total	5,849,542	

[a] Based in NIOSH Respirator Survey; benchmarked to 2012 CBP employment totals.

Numbers pulled from tab "Fit Test Savings" of **Respirator use_092617.xlsx** (Spreadsheet saved here R:\ECON\

PortaCount % of total market	0.21772923827986
Original 1998 compliance	0.13
Contractor portion	0.08
Assumed PortaCount portion of QN	0.5
# Portacount serviced by contractor	203,564
Estimated # of originally compliant residual in-house	165,570
	904,482

REDON % of total market	0.17659019322082
Original 1998 compliance	0.13
Contractor portion	0.08
Assumed PortaCount portion of QN	0.5
# REDON serviced by contractors	203,564

Estimated # of originally compliant	134,286
residual in-house	695,121

Based on CBP 2015					
Quantitative Fit test	Share switching	Cost Savings	Market Share Estimate	PortaCount User Estimate	REDON method User Estimate
N	NA	\$0			
N	NA	\$0			
Y	0.5	\$107,251	50%	28,649	28,649
Y	0.5	\$193,900	50%	51,795	51,795
Y	0.5	\$201,805	50%	53,907	53,907
Y	0.1	\$900,878	10%	240,645	0
Y	0.25	\$1,442,484	25%	385,320	385,320
Y	0.5	\$1,318,418	50%	352,179	352,179
Y	0.5	\$179,542	50%	47,960	47,960
N	NA	\$0		0	0
Y	0.5	\$96,318	50%	25,729	25,729
Y	0.5	\$327,319	50%	87,434	87,434
N	NA	\$0		0	0
N	NA	\$0		0	0
		\$4,767,915		1,273,616	1,032,972

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(\OSHA_je\ICR-2017\Respiratory Protection)

Testee	\$3,464,894	5 min
Tester	\$1,303,021	1.25 min
	\$4,767,915	

5

60 0.0833333333
898,685

74890.449483

Mean wage	22.33	Fringe rate	0.316
	0.1 BLS		
	2013		Dec-14

Safety and health specialist	
Wage	\$33.59
Wage loaded	\$49.11

PortaCount & REDON (Combined)	
	2,306,588

Estimated Annualized Respondent Hour and Cost Burden Table

* The "Additional PortaCount® Quantitative Fit-Testing Protocols: Amendment to Respiratory Prot

Information Collection Requirement	Type of Respondent	Number of Respondents (Created by ERG - Linked to the tabs)
A. Respiratory Protection Program		
	Supervisor	63,755
	Supervisor	1,301
	Supervisor	111,044
	Supervisor	2,266
	Subtotal (A.)	178,366
B. Medical Evaluation		
	Worker	2,468,507
	Worker	567,757
	Secretary	2,760,984
	Worker	292,477
	Subtotal (B.)	6,089,725
C. Fit Testing		
1. Quantitative Fit Testing by Outside Contractors		
<i>REDON</i>	Worker	203,564
<i>PortaCount</i>	Worker	203,564
	Subtotal (C.1.)	
2. Qualitative Fit testing by Respirator manufacturers		
	Worker	1,017,820
	Subtotal (C.2.)	1,017,820
3. In-House Fit Testing by OSH Technician		
<i>REDON</i>	OSH Technician	695,121
<i>REDON</i>	Worker	695,121
<i>PortaCount protocols (Program Change)*</i>	OSH Technician	1,108,046
<i>PortaCount protocols (Program Change)</i>	Worker	1,108,046
<i>Other (Qualitative Fit Testing)</i>	OSH Technician	1,860,985
<i>Other (Qualitative Fit Testing)</i>	Worker	1,860,985
	Subtotal (C.3)	7,328,306
	Subtotal (C.)	
D. Maintenance and Care of Respirators		
Storing and Marking Emergency-Use Respirators	Worker	2,526
Certification of Inspection Records for Emergency-Use Respirators	Worker	25,264
	Subtotal (D.)	

E. Breathing Air Quality and Use		
Certificate of Analysis for Cylinders		
Sorbent Beds and Filters	Worker	26,931
Subtotal (E.)		
F. Training and Information		
G. Recordkeeping		
Medical-Evaluation Records	Secretary	3,328,741
Respirator Fit-Testing Records	Secretary	5,089,101
Written Respiratory Protection Program Records	Secretary	631,607
Employee Access	Secretary	584,954
Subtotal (G.)		
TOTAL		

ection Standard” final rule impacts the highlighted rows only.

Number of Responses per Respondent	Total Number of Responses	Comparing Total Number of Responses	Hide	Average Burden per Response
				(In Hrs.)
1	63,755			4
1	1,301			8
1	111,044			2
1	2,266			4
	178,366	178,366		
1	2,468,507		0.25	15/60
1	567,757		1.00	1
1	2,760,984		0.25	15/60
1	292,477		0.50	30/60
	6,089,725	6,089,725		
1	203,564		0.42	25/60
1	203,564		0.42	25/60
	407,128			
1	1,017,820		0.50	30/60
	1,017,820			
1	695,121		0.4	25/60
1	695,121		0.4	25/60
1	1,108,046		0.4	25/60
1	1,108,046		0.4	25/60
1	1,860,985		0.5	30/60
1	1,860,985		0.5	30/60
	7,328,306			
	8,753,254	8,753,254		
1	2,526	2,526	0.08	5/60
12	303,168	303,168	0.17	10/60
	305,694	305,694		

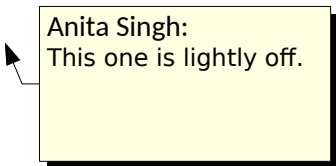
3	80,793	80,793	0.08	5/60
	80,793	80,793		
-	-			-
1	3,328,741	3,328,741	0.08	5/60
1	5,089,101	5,089,101	0.08	5/60
1	631,607	631,607	0.08	5/60
1	584,954	584,954	0.08	5/60
	9,634,403	9,634,403		
	25,042,236	25,042,236		

Anita Singh:
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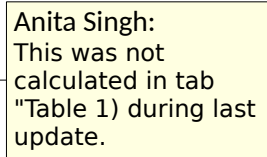
Total Burden Hours	Comparing Burden Hours from "Table 1"	Avg. Hourly Wage Rate*	Total Burden Costs	Comparing Burden Costs from "Table 1"
(Rounded)			(Rounded)	
255,020		\$84.34	\$21,508,387	
10,408		\$84.34	\$877,811	
222,088		\$84.34	\$18,730,902	
9,064		\$84.34	\$764,458	
496,580	496,580		\$41,881,558	\$41,881,558
617,127		\$34.28	\$21,155,114	
567,757		\$34.28	\$19,462,710	
690,246		\$27.86	\$19,230,254	
146,239		\$34.28	\$5,013,073	
2,021,369	2,021,369		\$64,861,151	\$64,861,151
84,818		\$34.28	\$2,907,561	
84,818		\$34.28	\$2,907,561	
169,636	169,637		\$5,815,122	
508,910		\$34.28	\$17,445,435	
508,910	508,910		\$17,445,435	
289,634	289,634	\$47.61	\$13,789,475	
289,634	289,634	\$34.28	\$9,928,654	
461,686	461,686	\$47.61	\$21,980,870	
461,686	461,686	\$34.28	\$15,826,596	
930,493	930,493	\$47.61	\$44,300,772	
930,493	930,493	\$34.28	\$31,897,300	
3,363,626	3,363,625		\$137,723,667	
4,042,172	4,042,172		\$160,984,224	\$160,984,214
211	211	\$34.28	\$7,233	\$7,233
50,528	50,528	\$34.28	\$1,732,100	\$1,732,100
50,739	50,739		\$1,739,333	\$1,739,333

6,733	6,733	\$34.28	\$230,807	
6,733	6,733		\$230,807	\$230,807
-			-	
277,395	277,395	\$27.86	\$7,728,225	\$7,728,225
424,092	424,092	\$27.86	\$11,815,203	\$11,815,203
52,634	52,634	\$27.86	\$1,466,383	\$1,466,381
48,746	48,746	\$27.86	\$1,358,064	\$1,358,064
802,867	802,867		\$22,367,875	\$22,367,873
7,420,460	7,420,460		\$292,064,948	\$292,064,936

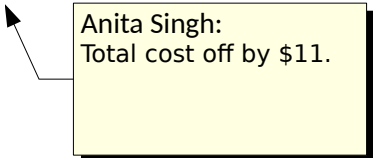
Anita Singh:
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calculated in tab
"Table 1) during last
update.



Anita Singh:
This one is lightly off.



Anita Singh:
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"Table 1) during last
update.



Anita Singh:
Total cost off by \$11.

Based on Todd's comment this column should contain the numbers from the "Requested Burden Hours" column from the November, 2014 ICR

Total burden hours after all changes have been made, including factoring in the reduced time for both REDON and PortaCount.

Reflects all changes (including REDON) before the PortaCount reduction is introduced

Reflects only the PortaCount change

Reflects the costs of Column D

2015 ICR

Industry Profile & Redon changes

Portacount NPRM savings

Information Collection Requirement	Responses	Current Burden Hours	Requested Burden Hours	Burden Hour Change		Estimated Cost	Description of Change
				Adjustment	Program Change		
Respiratory Protection Program	178,366	484,338	496,580	12,242	0	\$41,881,558	
Medical Evaluation							
Medical Evaluation: Initial Medical Evaluations, Follow-up Medical Examinations, Additional Medical Evaluations, and Information Provided to the PLHCP	6,089,725	1,888,646	2,021,369	132,723	0	\$64,861,151	
Fit Testing	8,753,254	3,809,731	4,042,172	-2,551,917	-2,784,357	\$160,984,214	There is an increase in burden hours due to the increase in number of employees from 5,465,461 to 5,849,542.
Maintenance and Care of Respirators:							
Storing and Marking Emergency-Use Respirator	2,526	197	211	5	-9	\$7,233	
Certification of Emergency-Use Respirator	303,168	50,270	50,528	1,269	1,011	\$1,732,100	
Breathing air quality and use							
Certificate of Analysis of Cylinders							
Sorbent Beds and Filters	80,793	6,038	6,733	425	-270	\$230,807	
Training and Information		0	0				
Recordkeeping							
Medical-Evaluation Records	3,328,741	248,814	277,395	17,485	-11,096	\$7,728,225	
Fit-Testing Records	5,089,101	380,396	424,092	26,732	-16,964	\$11,815,203	
Employee Access	584,954	43,724	48,746	3,072	-1,950	\$1,358,064	
Written Respiratory Protection Program Records	631,607		52,634			\$1,466,381	
TOTALS	24,410,629	6,912,154	7,367,826	-2,357,964	-2,813,635	\$290,598,555	

-232,441 232,441

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98	624229 -	53226	4512
98	62423 -	22340	1236
98	624230 -	22340	1236
98	6243 -	327950	7724
98	62431 -	327950	7724
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98	624410 -	888357	74589
98	71---- -	2230822	133610
98	711 -	483307	50239
98	7111 -	124128	8908
98	71111 -	69135	3355
98	711110 -	69135	3355
98	71112 -	9916	668
98	711120 -	9916	668
98	71113 -	38518	4522
98	711130 -	38518	4522
98	71119 -	6559	363
98	711190 -	6559	363
98	7112 -	128273	4315
98	71121 -	128273	4315
98	711211 -	68884	1004
98	711212 -	42728	639
98	711219 -	16661	2672
98	7113 -	163879	7600
98	71131 -	133677	3228
98	711310 -	133677	3228
98	71132 -	30202	4372
98	711320 -	30202	4372
98	7114 -	20209	4211
98	71141 -	20209	4211

98	711410 -	20209	4211
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98	711510 -	46818	25205
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98	7121 -	146027	7594
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98	71212 -	10485	1139
98	712120 -	10485	1139
98	71213 -	35203	632
98	712130 -	35203	632
98	71219 -	7083	698
98	712190 -	7083	698
98	713 -	1601488	75777
98	7131 -	196907	3280
98	71311 -	155861	523
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98	71312 -	41046	2757
98	713120 -	41046	2757
98	7132 -	152878	2828
98	71321 -	98987	338
98	713210 -	98987	338
98	71329 -	53891	2490
98	713290 -	53891	2490
98	7139 -	1251703	69669
98	71391 -	295231	11280
98	713910 -	295231	11280
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98	713940 -	658848	32712
98	71395 -	69158	3820
98	713950 -	69158	3820
98	71399 -	128219	17603
98	713990 -	128219	17603
98	72---- -	13196892	687619
98	721 -	2032041	66002
98	7211 -	1977054	56557
98	72111 -	1540011	51697
98	721110 -	1540011	51697
98	72112 -	414136	396
98	721120 -	414136	396
98	72119 -	22907	4464
98	721191 -	14963	2971
98	721199 -	7944	1493
98	7212 -	43403	7366
98	72121 -	43403	7366

98	721211 -	20227	4349
98	721214 -	23176	3017
98	7213 -	11584	2079
98	72131 -	11584	2079
98	721310 -	11584	2079
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98	722310 -	559761	22694
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98	722320 -	143081	11583
98	72233 -	13450	4627
98	722330 -	13450	4627
98	7224 -	367565	40684
98	72241 -	367565	40684
98	722410 -	367565	40684
98	7225 -	10080994	542029
98	72251 -	10080994	542029
98	722511 -	5253936	243100
98	722513 -	4043157	233392
98	722514 -	123146	5988
98	722515 -	660755	59549
98	81---- -	5401233	746046
98	811 -	1244684	213496
98	8111 -	865133	158849
98	81111 -	382131	90673
98	811111 -	341405	80243
98	811112 -	6331	1907
98	811113 -	17848	4684
98	811118 -	16547	3839
98	81112 -	247570	39754
98	811121 -	219558	33648
98	811122 -	28012	6106
98	81119 -	235432	28422
98	811191 -	63308	8380
98	811192 -	153970	15902
98	811198 -	18154	4140
98	8112 -	99624	12083
98	81121 -	99624	12083
98	811211 -	11558	1814
98	811212 -	35737	5195
98	811213 -	14102	1604
98	811219 -	38227	3470
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98	81131 -	210000	21721
98	811310 -	210000	21721
98	8114 -	69927	20843
98	81141 -	22088	6170
98	811411 -	4359	1735
98	811412 -	17729	4435

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98	811430 -	2693	1010
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98	811490 -	32036	9943
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98	812112 -	430844	76467
98	812113 -	74676	22317
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98	812199 -	122906	19709
98	8122 -	139291	20807
98	81221 -	105855	15606
98	812210 -	105855	15606
98	81222 -	33436	5201
98	812220 -	33436	5201
98	8123 -	294707	34650
98	81231 -	40080	10827
98	812310 -	40080	10827
98	81232 -	135491	21370
98	812320 -	135491	21370
98	81233 -	119136	2453
98	812331 -	56027	1053
98	812332 -	63109	1400
98	8129 -	294262	44234
98	81291 -	90588	16325
98	812910 -	90588	16325
98	81292 -	7792	668
98	812921 -	6997	501
98	812922 -	795	167
98	81293 -	142306	12896
98	812930 -	142306	12896
98	81299 -	53576	14345
98	812990 -	53576	14345
98	813 -	2758413	306976
98	8131 -	1679616	184205
98	81311 -	1679616	184205
98	813110 -	1679616	184205
98	8132 -	186946	19654
98	81321 -	186946	19654
98	813211 -	98693	11713
98	813212 -	54923	4264
98	813219 -	33330	3677
98	8133 -	165139	17315
98	81331 -	165139	17315
98	813311 -	37878	3268

98	813312 -	70447	7297
98	813319 -	56814	6750
98	8134 -	238796	26268
98	81341 -	238796	26268
98	813410 -	238796	26268
98	8139 -	487916	59534
98	81391 -	110695	16150
98	813910 -	110695	16150
98	81392 -	86111	6892
98	813920 -	86111	6892
98	81393 -	148959	14203
98	813930 -	148959	14203
98	81394 -	8874	2210
98	813940 -	8874	2210
98	81399 -	133277	20079
98	813990 -	133277	20079
98	99---- -	24155	20361

Note: this table reflects the difference between the 2011 ICR Update and the 2015 ICR Update

Information Collection Requirement	Responses	Current Burden Hours
Respiratory Protection Program	178,366	538,772
Medical Evaluation		
Medical Evaluation: Initial Medical Evaluations, Follow-up Medical Examinations, Additional Medical Evaluations, and Information Provided to the PLHCP	6,089,725	1,860,684
Fit Testing	8,753,254	3,714,813
Maintenance and Care of Respirators:		
Storing and Marking Emergency-Use Respirator	2,526	198
Certification of Emergency-Use Respirator	303,168	50,494
Breathing air quality and use		
Certificate of Analysis of Cylinders		
Sorbent Beds and Filters	80,793	5,893
Training and Information		
Recordkeeping		
Medical-Evaluation Records	3,328,741	245,573
Fit-Testing Records	5,089,101	345,564
Employee Access	584,954	39,720
TOTALS (w/ REDON)	24,410,629	6,801,711

TOTALS from tab "Table 1 November 2015 ICR"

TOTALS (w/ Portacount)	24,393,383	6,801,711
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Difference	17,246	0
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Requested Burden Hours	Burden Hour Change	Estimated Cost
496,580	-42,192	\$41,881,558
2,021,369	160,685	\$64,861,151
1,257,814	-2,456,999	\$46,978,701
202	4	\$6,925
51,539	1,045	\$1,766,757
6,463	570	\$221,552
266,299	20,726	\$7,419,090
407,128	61,564	\$11,342,586
46,796	7,076	\$1,303,737
4,554,190	-2,247,521	\$175,782,057

7,492,030	690,319	\$280,512,727
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-2,937,840	-2,937,840	-\$104,730,670
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Description of Change
There is an increase in burden hours due to the increase in new employers developing new programs (from 77,969 to 63,452), as a result of using the Bureau of Labor Statistics, Longitudinal Business Database (1997-2011) establishment entry rate.
The decrease in burden hours is due to the lower turnover rate and thus a lower number of new workers requiring initial medical examinations and follow up examinations in spite of an overall increase in covered workers (from 4,965,000 to 5,087,000). The higher number of covered workers is a result of using 2012 County Business Patterns data instead of 2007 Economic Census. The lower turnover rate is due to using the 2013 JOLTS survey (42.2%) instead of the 2010 JOLTS survey (46.2%).
The decrease in burden hours is due to the time savings resulting from use of PortaCount machines.
The overall number of employers covered by the standard decreased from 618,804 to 616,035 as a result of using the 2012 CBP data instead of the 2007 Economic Census data. This is a decrease of 2,769 in establishments covered by the regulation.
See above.
The 145 hour increase is due to the use of 2012 CBP data instead of 2007 Economic Census data. (See footnotes 11 and 15.)
OSHA is not taking burden hours for employers to retain training records since OSHA does not require or request such records.
Although there is a higher number of total covered workers (from 4,965,000 to 5,087,000), the burden hours decreased as a result of the decrease in the separations rate or job turnover rate (from 46.2% to 42.2%), which results in a lower number of new employees.
The increase in burden hours is due to the increase in covered workers, (from 4,965,000 to 5,087,000), as a result of using the 2012 CBP data instead of the 2007 Economic Census data.
See above.

Parameter Estimated	Source
Wages & Benefits Markup	ECEC, 2013 December News Release
Rate of increase for medical exam unit cost	2013 CPI for Medical Services
Rate of increase for fit testing materials and quant unit cost	2013 CPI (Overall)
Turnover Rate	Total Separations from 2013 JOLTS survey
New Establishments Rate	BLS Longitudinal Business Survey: Business Dynamics Statistics, 1977-2011
Total Establishments, Employment	County Business Patterns 2001, 2011
2001 Total Affected Employees	Original Final Economic Analysis OSHA

File/Documentation

I:\ECON\OSHA_je\ICR-2014\Respiratory Protection\DEC_2013_NewsRelease_Tables9&10.pdf

I:\ECON\OSHA_je\ICR-2014\Respiratory Protection\CPI_MedicalServices_2014.xls

I:\ECON\OSHA_je\ICR-2014\Respiratory Protection\CPI_Overall_2014.xls

I:\ECON\OSHA_je\ICR-2014\Respiratory Protection\JOLTS_2013_TotalSeparations.xls

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LongitudinalBusinessDatabase_.BusinessDynamicsStatistics_2011xls.xls

Downloaded from Census.gov

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Industry respirator use calculations

		Goods Producing			
		Private Industry	Agriculture, forestry and fishing	Mining	Construction
By Establishment					
2001	Total number of establishments 2001	6,262,222	140,426	29,915	668,750
	Number of establishments requiring use of respirators 2001	281,800	13,200	3,500	64,200
	Percent of establishments requiring use of respirators 2001	4.5%	9.4%	11.7%	9.6%
	establishments using respirators 2001 (sum of voluntary and required)	619,500	27,300	8,400	153,900
	using respirators 2001 (sum of voluntary and required)	10%	19%	28%	23%
2007	Total number of establishments 2007 using respirators in 2007 (assuming percentage of establishment with respirators has remained the same)	6,220,813	258,854	22,667	729,345
		618,804	50,324	6,365	167,845
By Number of Employees					
	Total number of employees 2001	106,561,290	1,755,172	545,455	6,640,449
	Number of employees required to use respirators 2001	3,303,400	101,800	54,000	591,000
	Percent of employees required to use respirators 2001	3.1%	5.8%	9.9%	8.9%

Average number of employees per establishment	17	12	18	10
Total number of employees 2007	105,856,649	3,235,405	413,305	7,242,136
Number of employees required to use respirators 2007	3,236,766	187,653	40,917	644,550

Note: Not used in 2011 ICR, instead used the total change in the size of the labor force to adjust the original FEA estimate (5,000,000).

Change in labor force from 2001 to 2007	-0.7%
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1) Source: Respirator Usage in Private Sector Firms, 2001. U.S. Department of Labor, Bureau of Labor Statistics (BLS) and the National Institute for Occupational Safety and Health (NIOSH). "Total Use"

	Service Producing					
Manufacturing	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance and real estate	Services	
379,688	281,081	600,000	1,300,000	600,000	2,240,000	
48,600	10,400	31,200	16,900	4,200	89,600	
12.8%	3.7%	5.2%	1.3%	0.7%	4.0%	
100,900	29,000	66,300	43,700	12,900	177,100	
27%	10%	11%	3%	2%	8%	
330,875	219,706	434,983	1,128,112	818,443	2,277,828	
87,928	22,668	48,066	37,922	17,597	180,091	
18,385,417	6,782,143	7,034,615	23,640,000	7,600,000	36,259,375	
882,500	189,900	182,900	118,200	22,800	1,160,300	
4.8%	2.8%	2.6%	0.5%	0.3%	3.2%	

48	24	12	18	13	16
16,021,794	5,301,237	5,099,897	20,514,283	10,366,945	36,871,705
769,046	148,435	132,597	102,571	31,101	1,179,895

ational Institute for Occupational Safety and Health (NIOSH). September 2003. Text Table 1: "Number and percent of establishments using respirators, by

2014 ICR (Used 2011 County Business Patterns)

Wages

Supervisor	\$51.41
Worker (employee)	\$29.63
Secretary	\$22.96

Establishment Entry rate (2011)	10.4%
% establishments that update programs	20%

Employer distribution

	Number	Percentage of total	Percentage of category
Employers covered by the Standard (2011)	610,213	100%	
New employers (developing new programs)	63,462	10.4%	100%
<i>New employers that are large firms</i>	1,269	0.2%	2.0%
<i>New employers that are small firms</i>	62,193	10.2%	98.0%
Employers that update their program yearly	109,350	17.9%	100%
<i>Large firms</i>	2,187	0.4%	2.0%
<i>Small firms</i>	107,163	17.6%	98.0%

Worker distribution

	Number	Percentage of total	Percentage of category
Workers covered by the Standard (2005)	4,976,500	100%	

(A) Respiratory Protection Program

New programs

Number of hours to update program small firms	8
Number of hours to update program large firms	4
Burden hours small firms (<i>large firms</i>)	10,152
Burden hours large firms (<i>Small firms</i>)	248,772
Total Burden hours for new programs	258,924
Total Cost	\$13,311,283

Updated programs

Number of hours to update program small firms	4
Number of hours to update program large firms	2
Burden hours small firms	8,748
Burden hours large firms	214,326
Total Burden hours for updating	223,074
Total Cost	\$11,468,234

Total hours (updated and new)	481,998
Total cost (updated and new)	\$24,779,517

Responses:	172,812
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(B) Medical Evaluation

Rate of separation 2013	42.2%
Number of questionnaires (for new employees)	2,100,083
Burden hours new employees	525,021
Total cost for new employees	\$15,556,372

Percentage of workers that require follow-up	23%
New employees requiring follow-up	483,019
Burden hours follow up	483,019
Total cost follow up	\$14,311,853
Total surveys (new and additional* NOT FOLLOW UP)	2,348,908
Total burden hours of reviewing them	587,227
Total cost of review	\$13,482,732
% of workers w/additional med. Evaluations	5%
Number of addtl med evals.	248,825
Burden hours for addtl. Med evals	124,413
Cost of addtl. Med evals	\$3,686,357
Total hours (updated and new)	1,719,680
Total cost (updated and new)	\$47,037,314
Responses	5,180,835

(C) Fit Testing

Tests	13%
Number of employees that receive fit tests	646,945
Number of employees with additional paperwork req.	4,329,555
% of these employees tested by outside contractors	8%
No. of these employees tested by outside contractors	346,364
Burden hours	173,182
Cost	\$5,131,383
% of these employees tested by respirator manufacturers	20%
No. of these employees tested by respirator manufacturers	865,911
Burden hours	432,956
Cost	\$12,828,486
Number of these employees tested in-house	3,117,280
Burden hours (supervisors):	1,558,640
Burden hours (workers):	1,558,640
Burden hours (Total):	3,117,280
Cost (supervisors):	\$80,129,682
Cost (workers):	\$46,182,503
Cost (Total):	\$126,312,185
Total Burden hours:	3,723,418
Total Cost	\$144,272,054
Responses:	7,446,835

(D) Maintenance and care of respirators

Storing and marking of emergency use respirators

% of employers must comply with marking req.	2%
Employers affected by provision	12,204
% of these employers that are new	10%

number of these employers that are new	1,220
number of emg. Resp. for these	2,440
Burden hours	195
Cost	\$5,778

Cert. of inspection records for emergency-use resp.

Total respirators requiring inspection	24,408
Burden hours	49,792
Cost	\$1,475,337

Responses	292,896
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(E) Breathing air quality and use

Sorbent beds and filters

2001 number	24,727
total employment change (from 2001 to 2011)	-0.47%
2011 number	24,611
Burden hours	5,907
Cost	\$175,024
Responses	73,833

(F) Training and Information

No calculations required

(G) Recordkeeping

Medical-Evaluation Records

Total medical records required yearly	2,831,927
Burden hours	226,554
Cost	5,201,680

Respirator Fit-Testing Records

Burden hours	346,364
Cost	\$7,952,517

Employee Access

% of employees subject to medical evaluations	10%
No. of employees subject to medical evaluations	497,650
Burden hours	39,812
Cost	\$914,084

13)

Total cost to provide medical examinations (current):	188,844,691
Total cost to provide medical examinations (2004):	164,751,553
Difference	24,093,138

Medical examinations

CPI increase (10-13)	10.12%
2013 number	\$324.58
Cost of administering medical examinations(from B)	\$156,778,307

Difference (from 2011 ICR to 2014 ICR)	\$1,273,807
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Fit-testing materials

CPI increase (10-13)	6.42%
2013 number	\$1.22
Cost of administering medical examinations(from B) 2013	\$3,803,082
Difference (2011 ICR - 2014 ICR)	\$226,495

Quantitative Fit tests

CPI increase (10-13)	6.42%	
2013 number	\$81.60	
Cost of administering medical examinations(from B) (2011	\$28,263,302	\$188,844,691
Change from total cost in 2011 ICR to 2014 ICR	\$1,765,454	

14)

Inspection rate	1.40%
Inspections	8,543
Compliance officer hourly rate	\$37.37
Cost	\$54,273

15)

Paperwork requirements 2011	6,801,711
Paperwork requirements requested 2014	6,593,720
Difference	-207,991

Used In Text	2014 ICR	Difference (2011-2014)
Total Burden Hours	6,593,720	-207,991
Medical Exam Unit Cost	\$325	\$30
Total For Medical Exams	\$156,778,307	\$1,273,807
Unit Cost for Fit Testing Materials	\$1.22	\$0.07
Total for Fit Testing Materials	\$3,803,082	\$226,495
Unit Cost for Quantitative Tests	\$81.60	\$5.00
Total for Quantitative Tests	\$28,263,302	\$1,765,454
Total for Operations and Maintenance	\$188,844,691	\$3,265,756
Total Covered Establishments	\$610,213	-\$8,591

Information Collection Requirement	Responses	Current Burden Hours
Respiratory Protection Program	186,136	533,414
Medical Evaluation		
Medical Evaluation: Initial Medical Evaluations, Follow-up Medical Examinations, Additional Medical Evaluations, and Information Provided to the PLHCP	5,611,741	1,861,390
Fit Testing	7,429,626	4,049,260
Maintenance and Care of Respirators:		
Storing and Marking Emergency-Use Respirator	2,475	205
Certification of Emergency-Use Respirator	297,024	52,195
Breathing air quality and use		
Certificate of Analysis of Cylinders		

Sorbent Beds and Filters	73,662	5,839
Training and Information		
Recordkeeping		
Medical-Evaluation Records	3,069,661	237,327
Fit-Testing Records	4,319,550	376,675
Employee Access	496,500	43,296
TOTALS	21,486,375	7,159,601

Requested Burden Hours	Burden Hour Change	Estimated Cost
538,772	5,358	\$26,566,848
1,860,684	-706	\$48,139,012
3,714,813	-334,447	\$136,893,450
198	-7	\$5,520
50,494	-1,701	\$1,407,773

5,893	54	\$164,297
245,573	8,246	\$5,402,606
345,564	-31,111	\$7,602,408
39,720	-3,576	\$873,840
6,801,711	-357,890	\$227,055,754

Description
There is an increase in burden hours due to the increase in new employers developing new programs (from 74,196 to 77,969), as a result of using the Bureau of Labor Statistics, Longitudinal Business Database (1997-2005) instead of U.S. Census data for this estimate.
The decrease in burden hours is due to the lower number of covered workers (from 5,412,000 to 4,965,000) overall, a total decrease of 447,000 covered workers. The lower number of covered workers is a result of using 2007 U.S. Census economic data instead of 2005 County Business Pattern (CBP) data. Also, the decrease in burden hours is affected by the increase in the separations rate or job turnover rate (from 40.5% to 46.2%), which results in a higher number of new employees
See above.
The overall number of employers covered by the standard decreased from 639,623 to 618,804 as a result of using 2007 U.S. Census economic data instead of 2005 County Business Pattern (CBP) data. This is a decrease of 20,819 in establishments covered by the regulation.
See above.

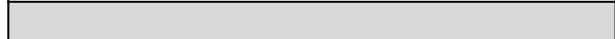
The 54 hour increase is due to the use of 2007 U.S. Census economic data instead of 2005 County Business Pattern (CBP) data. (See footnotes 11 and 15.)

OSHA is not taking burden hours for employers to retain training records since OSHA does not require or request such records.

Although there is a lower number of total covered workers (from 5,412,000 to 4,965,000), the burden hours increased as a result of the increase in the separations rate or job turnover rate (from 40.5% to 46.2%), which results in a higher number of new employees.

See above.

See above.



Based on Todd's comment
this column should contain
the numbers from the
"Requested Burden Hours"
column from the
November, 2014 ICR

Portacount Burden
Hours

2014 ICR

2015/6 ICR

Information Collection Requirement	Responses	Current Burden Hours	Requested Burden Hours
Respiratory Protection Program	178,366	481,998	484,338
Medical Evaluation			0
Medical Evaluation: Initial Medical Evaluations, Follow-up Medical Examinations, Additional Medical Evaluations, and Information Provided to the PLHCP	6,089,725	1,719,680	2,021,369
Fit Testing	8,753,254	3,723,418	4,209,595
Maintenance and Care of Respirators:		0	0
Storing and Marking Emergency-Use Respirator	2,526	195	197
Certification of Emergency-Use Respirator	303,168	49,792	50,270
Breathing air quality and use		0	0

Certificate of Analysis of Cylinders		0	0
Sorbent Beds and Filters	80,793	5,907	6,038
Training and Information		0	0
Recordkeeping		0	0
Medical-Evaluation Records	3,328,741	226,554	266,299
Fit-Testing Records	5,089,101	346,364	407,128
Employee Access	584,954	39,812	46,796
TOTALS	24,410,629	6,593,720	7,492,030

Note from Tom Mockler: The sum of E+F should equal D-C. D-C almost gives the total needed for E, exce

D-C	E+F
898,310	898,310

Current to REDON to Portacount

Burden Hour Change from Current to REDON Burden Hour Change from REDON to Portacount Portacount Cost

Industry Profile & Redon changes Portacount NPRM savings

Burden Hour Change		Estimated Cost
Adjustment	Program Change	
14,582	-12,242	\$27,035,747
301,689	0	\$58,702,849
-2,465,604	2,951,781	\$175,693,193
7	-5	\$6,235
1,747	-1,269	\$1,591,046

556	-425	\$191,103
39,745	0	\$6,393,839
60,764	0	\$9,775,143
6,984	0	\$1,123,572
-2,039,530	2,937,840	\$280,512,727

apt the change needs to separate out the Portacount change into F.

The Portacount burden hour is net 441,896 higher compared to 2014 ICR burden hours due to the the higher number of employees in the updated ICR. I think the ("savings") 86,274 is in here (total of 441,896).

Description of Change
<p>There is an increase in burden hours due to the increase in new employers developing new programs (from 77,969 to 63,452), as a result of using the Bureau of Labor Statistics, Longitudinal Business Database (1997-2011) establishment entry rate.</p>
<p>The decrease in burden hours is due to the lower turnover rate and thus a lower number of new workers requiring initial medical examinations and follow up examinations in spite of an overall increase in covered workers (from 4,965,000 to 5,087,000). The higher number of covered workers is a result of using 2012 County Business Patterns data instead of 2007 Economic Census. The lower turnover rate is due to using the 2013 JOLTS survey (42.2%) instead of the 2010 JOLTS survey (46.2%).</p>
<p>The decrease in burden hours is due to the time savings resulting from use of PortaCount machines.</p>
<p>The overall number of employers covered by the standard decreased from 618,804 to 616,035 as a result of using the 2012 CBP data instead of the 2007 Economic Census data. This is a decrease of 2,769 in establishments covered by the regulation.</p>
<p>See above.</p>

REDON Burden Hours
<p>496,580</p>
<p>2,021,369</p>
<p>1,257,814</p>
<p>202</p>
<p>51,539</p>

1
1

1

1

1

1
1
1

The 145 hour increase is due to the use of 2012 CBP data instead of 2007 Economic Census data. (See footnotes 11 and 15.)
OSHA is not taking burden hours for employers to retain training records since OSHA does not require or request such records.
Although there is a higher number of total covered workers (from 4,965,000 to 5,087,000), the burden hours decreased as a result of the decrease in the separations rate or job turnover rate (from 46.2% to 42.2%), which results in a lower number of new employees.
The increase in burden hours is due to the increase in covered workers, (from 4,965,000 to 5,087,000), as a result of using the 2012 CBP data instead of the 2007 Economic Census data.
See above.

6,463
266,299
407,128
46,796
4,554,190

1
1
1
1
1
1
1
1

1

2,340
0

301,689

486,177
0

2

478
0

0

131

0

0

39,745

60,764

6,984

898,310

Information Collection Requirement	Responses	Current Burden Hours	Requested Burden Hours	Burden Hour Change	Estimated Cost	Description of Change
Respiratory Protection Program	172,812	538,772	481,998	-56,774	\$24,779,517	There is a decrease in burden hours due to the decrease in new employers developing new programs (from 77,969 to 63,462), as a result of using the Bureau of Labor Statistics, Longitudinal Business Database (1997-2011) establishment entry rate.
Medical Evaluation						
Medical Evaluation: Initial Medical Evaluations, Follow-up Medical Examinations, Additional Medical Evaluations, and Information Provided to the PLHCP	5,180,835	1,860,684	1,719,680	-141,004	\$47,037,314	The decrease in burden hours is due to the lower turnover rate and thus a lower number of new workers requiring initial medical examinations and follow up examinations in spite of an overall increase in covered workers (from 4,965,000 to 4,976,500). The higher number of covered workers is a result of using 2011 County Business Patterns data instead of 2007 Economic Census. The lower turnover rate is due to using the 2013 JOLTS survey (42.2%) instead of the 2010 JOLTS survey (46.2%).
Fit Testing	7,446,835	3,714,813	3,723,418	8,605	\$144,272,054	The increase in burden hours is due to the increase in covered workers (from 4,965,000 to 4,976,500). The higher number of covered workers is a result of using 2011 County Business Patterns (CBP) data instead of 2007 Economic Census data.
Maintenance and Care of Respirators:						
Storing and Marking Emergency-Use Respirator	2,440	198	195	-3	\$5,778	The overall number of employers covered by the standard decreased from 618,804 to 610,213 as a result of using the 2011 CBP data instead of the 2007 Economic Census data. This is a decrease of 8,591 in establishments covered by the regulation.
Certification of Emergency-Use Respirator	292,896	50,494	49,792	-702	\$1,475,337	See above.
Breathing air quality and use						
Certificate of Analysis of Cylinders						
Sorbent Beds and Filters	73,833	5,893	5,907	14	\$175,024	The 14 hour increase is due to the use of 2011 CBP data instead of 2007 Economic Census data. (See footnotes 11 and 15.)
Training and Information						
						OSHA is not taking burden hours for employers to retain training records since OSHA does not require or request such records.
Recordkeeping						
Medical-Evaluation Records	2,831,927	245,573	226,554	-19,019	\$5,201,680	Although there is a higher number of total covered workers (from 4,965,000 to 4,976,500), the burden hours decreased as a result of the decrease in the separations rate or job turnover rate (from 46.2% to 42.2%), which results in a lower number of new employees.

Fit-Testing Records	4,329,555	345,564	346,364	800	\$7,952,517	The increase in burden hours is due to the increase in covered workers, (from 4,965,000 to 4,976,500), as a result of using the 2011 CBP data instead of the 2007 Economic Census data.
Employee Access	497,650	39,720	39,812	92	\$914,084	See above.
TOTALS	20,828,783	6,801,711	6,593,720	-207,991	\$231,813,305	

Information Collection Requirement	Responses	Current Burden Hours	Requested Burden Hours	Burden Hour Change	Estimated Cost	Description of Change
Respiratory Protection Program	173,969	538,772	484,338	-54,434	\$27,035,747	There is an increase in burden hours due to the increase in new employers developing new programs (from 77,969 to 63,452), as a result of using the Bureau of Labor Statistics, Longitudinal Business Database (1997-2011) establishment entry rate.
Medical Evaluation						
Medical Evaluation: Initial Medical Evaluations, Follow-up Medical Examinations, Additional Medical Evaluations, and Information Provided to the PLHCP	6,089,725	1,860,684	2,021,369	160,685	\$58,702,849	The decrease in burden hours is due to the lower turnover rate and thus a lower number of new workers requiring initial medical examinations and follow up examinations in spite of an overall increase in covered workers (from 4,965,000 to 5,087,000). The higher number of covered workers is a result of using 2012 County Business Patterns data instead of 2007 Economic Census. The lower turnover rate is due to using the 2013 JOLTS survey (42.2%) instead of the 2010 JOLTS survey (46.2%).
Fit Testing	8,753,254	3,714,813	4,209,595	494,782	\$175,693,193	The decrease in burden hours is due to the time savings resulting from use of PortaCount machines.
Maintenance and Care of Respirators:						
Storing and Marking Emergency-Use Respirator	2,464	198	197	-1	\$6,235	The overall number of employers covered by the standard decreased from 618,804 to 616,035 as a result of using the 2012 CBP data instead of the 2007 Economic Census data. This is a decrease of 2,769 in establishments covered by the regulation.
Certification of Emergency-Use Respirator	295,704	50,494	50,270	-224	\$1,591,046	See above.
Breathing air quality and use						
Certificate of Analysis of Cylinders						
Sorbent Beds and Filters	75,471	5,893	6,038	145	\$191,103	The 145 hour increase is due to the use of 2012 CBP data instead of 2007 Economic Census data. (See footnotes 11 and 15.)
Training and Information						
						OSHA is not taking burden hours for employers to retain training records since OSHA does not require or request such records.
Recordkeeping						
Medical-Evaluation Records	3,328,741	245,573	266,299	20,726	\$6,393,839	Although there is a higher number of total covered workers (from 4,965,000 to 5,087,000), the burden hours decreased as a result of the decrease in the separations rate or job turnover rate (from 46.2% to 42.2%), which results in a lower number of new employees.
Fit-Testing Records	5,089,101	345,564	407,128	61,564	\$9,775,143	The increase in burden hours is due to the increase in covered workers, (from 4,965,000 to 5,087,000), as a result of using the 2012 CBP data instead of the 2007 Economic Census data.
Employee Access	584,954	39,720	46,796	7,076	\$1,123,572	See above.
TOTALS	24,393,383	6,801,711	7,492,030	690,319	\$280,512,727	