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	u san	ihie –	130	13113				
DATA SET:		URBAN SHOPS						
Confidence Level		90%						
Sample Size Goal (Each	Round)	140						
Ensure Minimum Stratun	n Samples?	Y						
Minimum Stratum Sampl	e Size	15						
		Wisconsin	Minnesota	Michigan	Indiana	Illinois	Ohio	Region-Wide
Population		456	675	877	489	1,225	1,347	5,069
Exact Proportional Samp	ole Size	12.6	18.6	24.2	13.5	33.8	37.2	140
Rounded Sample Size		13	19	25	14	34	38	143
Recommended Sample S	Size	15	19	25	15	34	38	146
	1 sample	19.3%	17.4%	15.4%	19.3%	13.4%	12.7%	6.8%
Margin of Error (+/-)				00.40/	20 60/	20.0%	10 90/	0.7%

	112	IN	МІ	MN	ОН	WI
Dropped	19	33	5	33	61	19
Complete Assessment	37	19	26	20	38	18
Attempted	82	74	35	77	132	58
Drop out rate	23.2%	44.6%	14.3%	42.8%	46.2%	32.7%









- After learning about *petition for exemption* option, will you petition or comply?
 - Not sure = 33.5%
 - Explore alternates, decide later = 28.4%
 - Continue using HAPs, comply = 27.7%
 - Stop using and petition = 10.3%
- As of November 2011 \cong 600 petitions
 - out of 12,000? ~5%





Booths/Prep Areas					
 Rule requires enclosed bo roof for whole with 98% effection 	oths and prep le vehicle; 3 w ficient filter on	areas (4 walls alls and roof fo exhaust	and or parts),		
Booths (avg # 1.2)	% yes/compliant	confidence interval	number		
Have a booth	92.9% ± 3.4%	88.9-95.6%	145		
Booth complies	70.5% ± 6.0%	64.1-76.1%	105		
Booth filter complies	53.8% ± 6.6%	47.1-60.3%	80		
Prep areas (avg # 1.55)					
Prep areas (avg # 1.55) Have a prep area	41.7% ± 6.2%	35.5-48.1%	65		
Prep areas (avg # 1.55) Have a prep area Prep area complies	41.7% ± 6.2% 32.9% ± 8.8%	35.5-48.1% 24.7-42.3%	65 21		
Prep areas (avg # 1.55)Have a prep areaPrep area compliesPrep filter complies	41.7% ± 6.2% 32.9% ± 8.8% 27.9% ± 8.7%	35.5-48.1% 24.7-42.3% 20.0-37.5%	65 21 18		

Gu	n Cleaning		
•	Using fully enclos cleaning? • Yes = 84.5% ± 4	ed or non-at 4.7% (range 7	omizing gun '9.2 – 88.6%)
	Cleaning Method	Owner response (n=155)	Observation
	Fully enclosed washer	47	55
	Fully enclosed AND disassemble	51	45
	Flush but don't spray	38	40
	Clean by hand	38	41
	Spray coatings/solvent through gun	23 (no's)	18
	Others: have enclosed but n	ot usina: enclosed on	lv for water-based:

Material	Use/	Waste	Hand	linc
				\sim

High-VOC coatings	17.36 (median = 8.33)	137
_ow-VOC <2 lb/gal	8.81 (median = 3.52)	29
High-VOC cleaners	8.21	120
_ow-VOC cleaners	1.90	22
Methylene chloride strippers	0.17	9
Non-MeCl	0.08	1
Paint hours (n=131)	hours/month	hours/day
Minimum	0.08	0.0036
Maximum	1187.33	54
Median	41.67	1.9
Average	91.86	4.2
Average	8.599	<26 gal/mo = VSQG
		7 shops >27 gal/month
	<i>,</i>	

Actions t	o reduce toxics in the past 3 years	Number	Percent
VOC/HAF	Keep ALL solvent containers closed	113	92.60%
	Ask suppliers for non-HAP metal coatings	36	29.50%
	Use paintless dent repair techniques	93	76.20%
	Avoid methylene-chloride paint strippers	101	82.80%
	Automatic enclosed gun washer	74	60.70%
	Use water-based or low-VOC coatings	26	21.30%
	Use low-VOC solvents or thinners	38	31.10%
	Two-stage solvent use	38	31.10%
	Recycle solvents with on- or off-site distiller	31	25.40%
	First-in, first-out system to prevent spoilage	83	68%
	Computerized paint mixing to reduce mistakes	97	79.50%
	Use non-solvent based putty/fillers	28	23.00%
Dust/PM	Use a disposable paint cup system	67	54.90%
	Use a ventilated sander	28	23.00%
	Reusable aerosol or pump spray containers	52	42 60%
	Lise roll-on primer	13	10 70%

Actions	to reduce energy use in the past 3 years	Number	Percent		
Booths	Energized only when necessary	112	91.80%		
	Booth lights kept clean	107	87.70%		
	Filters changed regularly for good airflow	111	91.00%		
	Booth fan motors have variable speed drives	28	23.00%		
	Booth uses heated air recirculation	68	55.70%		
	Booth lighting on timers/motion sensors	26	21.30%		
Shop	Timers, motion sensors, smart thermostats	48	39.86%		
	Installed efficient fluorescent lights (<t-12)< td=""><td>72</td><td>59.00%</td></t-12)<>	72	59.00%		
	Cleaned light fixture reflectors	76	62.30%		
	Reduced lighting intensity where acceptable	41	33.60%		
	Taken advantage of day-lighting	66	54.10%		
	Completed an energy audit	19	15.60%		
	Insulated building, windows, ducts, pipes	48	39.30%		
	Regularly check/repair compressed air leaks	108	88.50%		
	Use electric tools instead of compressed air	77	63.10%		





Beyond Compliance/BMP Scores















