

Appendix B Part 1

SUMMARY OF SITE VISIT DATA

Overview:

This appendix summarizes the site visit survey data for Massachusetts and Virginia. Results are reported as percentages, and all data have been weighted to reflect the relative contribution of each sampling stratum. In the summary tables, a period (".") is used to represent missing data for a numeric variable (i.e., the survey question was skipped or was not applicable), while a blank ("") is used to represent missing data for a categorical or string variable.

Group Definitions:

MA2010A	Massachusetts 2010 Group A (Treatment)
MA2010B	Massachusetts 2010 Group B (Control)
MA2011	Massachusetts 2011
VA2010	Virginia 2010
VA2011	Virginia 2011

Variable Definitions:

sint_office	Interviewer affiliation
sint_name	Interviewer name
sa1_owner	Respondent role: Owner
sa1_mgr	Respondent role: Manager
sa1_tech	Respondent role: Technician
sa1_other	Respondent role: Other
sa1_specify	Respondent role: Other -- Specify
sa1_comment	Comment: Question A1
sa2a_coating	Operations include surface coatings?
sa2b_date	Initial construction of painting equipment
sa2_comment	Comment: Question A2
sa3_corp	Shop part of corporate chain?
sa3_specify	Shop part of corporate chain -- specify
sa3_comment	Comment: Question A3
sa_comment	Comment: Section A
sb1a_trning	Employees have hazmat training?
sb1b_doc	Employees have hazmat training -- documentation?
sb1_comm	Comment: Question B1
sb2a_spryed	Spray technicians trained?
sb2b_select	Spray training: Selection of equipment?
sb2b_setup	Spray training: Setup of equipment?
sb2b_use	Spray training: Use of equipment?
sb2b_maint	Spray training: Maintenance of equipment?
sb2b_hands	Spray training: Hands-on?
sb2b_class	Spray training: Classroom?
sb2c_doc	Spray technicians trained -- documentation?
sb2_comm	Comment: Question B2
sb_comm	Comment: Section B
sc1a_booth	Shop have spray booth?
sc1b_allbth	All coatings applied in spray booth?
sc1c_when	When did shop begin using spray booth?
sc1_comm	Comment: Question C1

sc2a_fan	Spray booth ventilated?
sc2b_effic	Capture efficiency of exhaust?
sc2c_doc	Capture efficiency of exhaust -- documentation?
sc2d_when	When did shop begin using ventilation system?
sc2_comm	Comment: Question C2
sc3a_mixrm	Separate paint mixing room?
sc3b_when	When did shop begin using mixing room?
sc3_comm	Comment: Question C3
sc4a_prep	Have prep station?
sc4b_when	When did shop begin using prep station?
sc4_comm	Comment: Question C4
sc5a_guncln	How are spray guns typically cleaned?
sc5a_spec	Spray gun cleaning other -- specify
sc5b_when	When did shop begin using gun cleaning method?
sc5_comm	Comment: Question C5
sc6_waterbn	Use waterborne paints?
sc6_comm	Comment: Question C6
sc7_basect	Waterborne paints for basecoat?
sc7_primer	Waterborne paints for primer?
sc7_other	Waterborne paints for another use?
sc7_specify	Waterborne paint other -- specify
sc7_comm	Comment: Question C7
sc8_basect	Gallons of basecoat per week
sc8_primer	Gallons of primer per week
sc8_topcoat	Gallons of topcoat per week
sc8_total	Total gallons of coatings per week
sc8_jobs	Number of jobs per week
sc8_comm	Comment: Question C8
sc9_comm	Comment: Question C9
sc10_msds	MSDS sheets and formulation data for coatings?
sc10_comm	Comment: Question C10
sc11_haps	Coatings have HAPs?
sc11_comm	Comment: Question C11
sc12a_strip	Use chemicals for paint stripping?
sc12b_spec	What chemicals for paint stripping?
sc12_comm	Comment: Question C12
sc13_mecl	Methylene chloride annual usage (gallons)
sc13_comm	Comment: Question C13
sc14_minplan	Methylene chloride minimization plan?
sc14_comm	Comment: Question C14
sc15_regs	Heard of spray regulations?
sc15_comm	Comment: Question C15
sc16_date	When did shop hear of spray regulations?
sc16_comm	Comment: Question C16
sc17_shopvs	Source of info on spray regs: shop visit
sc17_dvd	Source of info on spray regs: DVD
sc17_cd	Source of info on spray regs: CD
sc17_postcd	Source of info on spray regs: Postcard
sc17_fctsht	Source of info on spray regs: Factsheet
sc17_wrkshp	Source of info on spray regs: Workshop
sc17_webst	Source of info on spray regs: Website
sc17_sp_web	Source of info on spray regs: Website -- specify
sc17_other	Source of info on spray regs: Other
sc17_sp_oth	Source of info on spray regs: Other -- specify
sc17_comm	Comment: Question C17
sc_comm	Comment: Section C
sd1_waste	Quantity of hazardous waste generated
sd1_comm	Comment: Question D1
sd2_shipdoc	Hazardous waste shipping -- documentation?
sd2_comm	Comment: Question D2
sd3_solv	Treated as hazardous: Solvents?
sd3_paints	Treated as hazardous: Paints?

sd3_sandbst	Treated as hazardous: Sand blast debris?
sd3_rags	Treated as hazardous: Used rags?
sd3_filters	Treated as hazardous: Spray booth filters?
sd3_antifrs	Treated as hazardous: Antifreeze?
sd3_wstoil	Treated as hazardous: Waste oil?
sd3_other	Treated as hazardous: Other?
sd3_spec	Treated as hazardous: Other -- specify
sd3_comment	Comment: Question D3
sd_comm	Comment: Section D
se1_emerg	Implemented emergency procedures?
se1_comm	Comment: Question E1
se2_emgdoc	Emergency procedures -- documentation?
se2_comm	Comment: Question E2
se_comm	Comment: Section E
sf1_ctg_mnf	Compliance info: Coating manufacturers or suppliers
cf1_corp	Compliance info: Corporate environmental division
sf1_educ	Compliance info: Educational institutions
sf1_consult	Compliance info: Environmental consultant
sf1_shops	Compliance info: Other autobody shops
sf1_loclgov	Compliance info: Local government
sf1_osha	Compliance info: OSHA
sf1_state	Compliance info: State environmental agencies
sf1_supplrs	Compliance info: Suppliers
sf1_trade	Compliance info: Trade association
sf1_epa	Compliance info: U.S. EPA
sf1_other	Compliance info: Other
sf1_specify	Compliance info: Other -- specify
sf1_dk	Compliance info: Don't know
sf1_comm	Comment: Question F1
sf2_visit	Official site visit within last six months?
sf2_comm	Comment: Question F2
sf3_epa	Official site visit: EPA
sf3_state	Official site visit: State
sf3_loclgov	Official site visit: Local government
sf3_osha	Official site visit: OSHA
sf3_other	Official site visit: Other
sf3_specify	Official site visit: Other -- specify
sf3_dk	Official site visit: Don't know
sf3_comm	Comment: Question F3
sf4a_changes	Made any changes in last year?
sf4b_what	Made any changes in last year -- specify
sf4c_why	Made any changes in last year -- why?
sf4_comm	Comment: Question F4
sf5_other	Other info about shop before walk-through?
sf5_comm	Comment: Question F5
sf_comm	Comment: Section F
sg1_hvlp	Interviewer observation: Number of HVLP spray guns
sg1_electro	Interviewer observation: Number of electrostatic spray guns
sg1_airless	Interviewer observation: Number of airless guns
sg1_airasst	Interviewer observation: Number of air assisted airless spray guns
sg1_other	Interviewer observation: Number of other types of spray guns
sg1_specify	Interviewer observation: Other types of spray guns -- specify
sg1_dk	Interviewer observation: Number of spray guns -- don't know
sg1_cantdet	Interviewer observation: Number of spray guns -- can't determine
sg1_comm	Comment: Question G1
sg2_gunmake	Interviewer observation: Spray gun manufacturer
sg2_comm	Comment: Question G2
sg3_cleang	Interviewer observation: Spray gun cleaning methods
sg3_specify	Interviewer observation: Spray gun cleaning methods -- specify
sg3_comm	Comment: Question G3
sg4_nobooth	Interviewer observation: No spray booth
sg4_enclsd	Interviewer observation: Spray booth enclosed?

sg4_fan Interviewer observation: Spray booth ventilated?
 sg4_outside Interviewer observation: Evidence of spraying outside of spray booth?
 sg4_comm Comment: Question G4
 sg5_filter Interviewer observation: Have particle filter?
 sg5_comm Comment: Question G5
 sg6_filtcond Interviewer observation: Condition of particle filter?
 sg6_comm Comment: Question G6
 sg7_nomixrm Interviewer observation: No mixing room
 sg7_mixencl Interviewer observation: Mixing room enclosed?
 sg7_mixvent Interviewer observation: Mixing room ventilated?
 sg7_comm Comment: Question G7
 sg8_noprep Interviewer observation: No prep station
 sg8_prepenc Interviewer observation: Prep station enclosed?
 sg8_prepvnt Interviewer observation: Prep station ventilated?
 sg8_comm Comment: Question G8
 sg9_strippd Interviewer observation: Use of methylene chloride for stripping
 sg9_comm Comment: Question G9
 sg10_labld Interviewer observation: Drums labeled?
 sg10_comm Comment: Question G10
 sg11_begin Interviewer observation: Earliest waste accumulation date
 sg11_comm Comment: Question G11
 sg12_closed Interviewer observation: All drums closed?
 sg12_comm Comment: Question G12
 sg13_qtyhaz Interviewer observation: Quantity of waste stored
 sg13_comm Comment: Question G13
 sg14_rags Interviewer observation: Used shop rags in closed containers?
 sg14_comm Comment: Question G14
 sg15_spills Interviewer observation: Spills in or near shop?
 sg15_spcomm Interviewer observation: Comment on spills in or near shop
 sg15_comm Comment: Question G15
 sg16_violtn Interviewer observation: Shop in violation of general duty clause
 sg16_comm Comment: Question G16
 sg_comm Comment: Section G
 schng_label Change during site visit: Labeled waste containers
 schng_clshz Change during site visit: Closed waste containers
 schng_clsus Change during site visit: Closed used paint applicator containers
 schng_clnsp Change during site visit: Cleaned up spill
 schng_oth Change during site visit: Other
 schng_spec Change during site visit: Other -- specify

 sint_office

Interviewer affiliation	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
EPA Region 1	22.58	32.88	51.78	0.00	0.00	37.91
ERG	76.15	67.12	48.22	0.00	100.00	57.76
SEE	1.27	0.00	0.00	100.00	0.00	4.33
Total	100.00	100.00	100.00	100.00	100.00	100.00

 sint_name

Interviewer name	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
Andrew Adelfio	27.70	28.13	26.82	0.00	13.95	25.68
Benjamin Bornstein	0.00	0.00	2.26	0.00	36.05	2.55
Charles Fabyanic	0.00	0.00	0.00	100.00	0.00	4.08
Charles Goodhue	49.72	38.99	19.14	0.00	12.79	28.35

 sa2b_date

Initial construction of painting equipment	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	1.19	1.16	0.91	0.00	0.00	0.95
1905	0.00	0.00	1.35	0.00	0.00	0.69
1910	1.27	0.00	0.00	0.00	0.00	0.25
1918	0.00	1.16	0.00	0.00	0.00	0.24
1923	0.00	0.00	0.91	0.00	0.00	0.47
1936	0.00	0.00	0.91	0.00	0.00	0.47
1942	0.00	1.01	0.00	0.00	0.00	0.21
1945	1.23	0.00	0.00	0.00	0.00	0.25
1948	0.00	0.00	0.91	0.00	0.00	0.47
1950	0.00	1.16	0.91	0.00	0.00	0.71
1951	0.00	0.00	0.91	0.00	0.00	0.47
1952	1.23	0.00	0.00	0.00	0.00	0.25
1953	0.00	0.00	0.91	0.00	0.00	0.47
1955	0.00	1.01	0.00	0.00	0.00	0.21
1959	0.00	0.00	0.00	2.20	0.00	0.09
1960	0.00	1.01	3.65	0.00	0.00	2.08
1961	0.00	1.16	2.71	0.00	0.00	1.63
1963	0.00	0.00	0.91	0.00	0.00	0.47
1964	0.00	0.00	0.00	0.00	1.16	0.04
1965	1.19	0.00	0.00	0.00	0.00	0.24
1966	0.00	0.00	0.00	2.20	0.00	0.09
1967	1.27	3.48	0.00	0.00	1.16	1.02
1968	1.23	1.16	0.91	0.00	0.00	0.95
1969	1.62	2.17	0.00	1.10	0.00	0.82
1970	2.50	2.32	4.53	3.30	1.16	3.49
1971	0.00	2.32	2.26	0.00	0.00	1.64
1972	1.27	1.01	0.00	0.00	0.00	0.46
1973	1.62	0.00	0.91	1.10	1.16	0.88
1974	1.27	1.01	0.00	0.00	0.00	0.46
1975	0.00	0.00	0.00	1.10	1.16	0.09
1976	0.00	1.16	0.00	1.10	1.16	0.33
1977	1.27	1.01	1.82	0.00	3.49	1.53
1978	0.00	0.00	1.82	2.20	2.33	1.12
1979	1.27	0.00	2.73	0.00	1.16	1.70
1980	3.81	4.65	8.62	5.49	0.00	6.37
1981	2.46	1.16	2.73	1.10	3.49	2.32
1982	0.00	0.00	0.00	2.20	0.00	0.09
1983	0.00	1.01	0.00	4.40	2.33	0.48
1984	1.62	4.19	0.00	1.10	3.49	1.37
1985	8.73	5.51	4.53	2.20	3.49	5.44
1986	2.46	1.16	2.73	1.10	4.65	2.36
1987	1.27	0.00	0.91	0.00	2.33	0.81
1988	0.00	5.51	1.82	0.00	3.49	2.21
1989	0.00	0.00	0.91	2.20	2.33	0.65
1990	4.96	1.16	0.91	7.69	1.16	2.06
1991	2.82	0.00	1.82	1.10	2.33	1.63
1992	1.27	2.32	0.91	0.00	1.16	1.25
1993	0.00	3.33	0.91	1.10	2.33	1.29
1994	1.19	0.00	2.73	2.20	0.00	1.73
1995	7.58	0.00	4.06	3.30	1.16	3.78
1996	0.00	0.00	0.91	3.30	4.65	0.78
1997	1.27	2.32	1.82	0.00	2.33	1.76
1998	2.46	2.17	0.00	9.89	3.49	1.48
1999	0.00	2.17	0.00	1.10	4.65	0.67
2000	5.00	3.48	6.82	3.30	6.98	5.63
2001	3.73	1.01	0.91	5.49	3.49	1.78
2002	6.16	0.00	0.91	3.30	5.81	2.06
2003	1.19	5.51	3.18	5.49	4.65	3.41
2004	1.19	3.33	1.82	1.10	4.65	2.09
2005	2.46	5.66	2.73	7.69	0.00	3.38
2006	3.81	2.17	3.18	4.40	3.49	3.16

2007	3.73	2.17	0.00	2.20	3.49	1.42
2008	1.27	2.32	1.82	1.10	3.49	1.85
2009	1.27	1.01	2.26	1.10	0.00	1.67
2010	0.00	1.16	0.91	0.00	0.00	0.71
2011	0.00	0.00	0.91	0.00	1.16	0.51
Don't recall	8.85	12.17	8.20	1.10	0.00	8.55
Total	100.00	100.00	100.00	100.00	100.00	100.00

sa3_corp

Shop part of corporate chain?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	86.31	91.16	93.21	86.81	89.53	91.00
Yes	13.69	8.84	6.79	13.19	10.47	9.00
Total	100.00	100.00	100.00	100.00	100.00	100.00

sb1a_trning

Employees have hazmat training?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	1.19	0.00	0.00	0.00	0.00	0.24
Don't Know	1.19	2.32	6.82	1.10	4.65	4.45
No	47.47	44.65	41.37	20.88	26.74	41.87
Yes	50.15	53.03	51.81	78.02	68.60	53.44
Total	100.00	100.00	100.00	100.00	100.00	100.00

sb1b_doc

Employees have hazmat training -- documentat ion?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	49.85	46.97	42.72	21.98	31.40	43.75
No	11.35	17.37	21.79	35.16	15.12	19.07
Yes	38.80	35.66	35.49	42.86	53.49	37.18
Total	100.00	100.00	100.00	100.00	100.00	100.00

sb2a_spryed

Spray technicians trained?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
None	23.97	19.55	12.29	3.30	10.47	15.69
Some	3.73	7.83	7.73	4.40	4.65	6.70
All	71.10	72.63	77.24	92.31	83.72	75.92
Can't Determine	1.19	0.00	1.82	0.00	1.16	1.22
.	0.00	0.00	0.91	0.00	0.00	0.47

Total | 100.00 100.00 100.00 100.00 100.00 | 100.00

sb2b_select

Spray training: Selection of equipment?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	25.17	19.55	16.38	3.30	11.63	18.08
No	0.00	1.01	0.00	1.10	12.79	0.75
Yes	74.83	79.44	83.62	95.60	75.58	81.18
Total	100.00	100.00	100.00	100.00	100.00	100.00

sb2b_setup

Spray training: Setup of equipment?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	25.17	19.55	16.38	3.30	11.63	18.08
No	0.00	1.01	0.00	1.10	12.79	0.75
Yes	74.83	79.44	83.62	95.60	75.58	81.18
Total	100.00	100.00	100.00	100.00	100.00	100.00

sb2b_use

Spray training: Use of equipment?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	25.17	19.55	16.38	3.30	11.63	18.08
No	0.00	1.01	0.00	1.10	12.79	0.75
Yes	74.83	79.44	83.62	95.60	75.58	81.18
Total	100.00	100.00	100.00	100.00	100.00	100.00

sb2b_maint

Spray training: Maintenance of equipment?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	25.17	19.55	16.38	3.30	11.63	18.08
No	0.00	3.33	1.82	2.20	12.79	2.21
Yes	74.83	77.12	81.80	94.51	75.58	79.71
Total	100.00	100.00	100.00	100.00	100.00	100.00

sb2b_hands

Spray training: Hands-on?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
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	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	25.17	19.55	16.38	3.30	11.63	18.08
Yes	5.35	6.52	0.91	3.30	15.12	3.61
Yes	69.48	73.94	82.71	93.41	73.26	78.32
Total	100.00	100.00	100.00	100.00	100.00	100.00

sb2b_class

Spray training: Classroom?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	25.17	19.55	16.38	3.30	11.63	18.08
Yes	0.00	2.32	2.73	23.08	22.09	3.68
Yes	74.83	78.13	80.89	73.63	66.28	78.25
Total	100.00	100.00	100.00	100.00	100.00	100.00

sb2c_doc

Spray technicians trained -- documentation?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	27.55	24.19	15.94	3.30	11.63	19.29
Yes	11.27	17.98	14.53	48.35	23.26	16.30
Yes	61.18	57.83	69.54	48.35	65.12	64.41
Total	100.00	100.00	100.00	100.00	100.00	100.00

scla_booth

Shop have spray booth?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	0.00	0.00	0.00	0.00	1.16	0.04
Yes	0.00	2.17	5.00	2.20	3.49	3.24
Yes	100.00	97.83	95.00	97.80	95.35	96.72
Total	100.00	100.00	100.00	100.00	100.00	100.00

sc1b_allbth

All coatings applied in spray booth?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	1.19	3.33	5.00	2.20	3.49	3.72
Yes	11.31	18.84	23.61	6.59	17.44	19.23
Yes	87.50	77.83	71.39	91.21	79.07	77.05
Total	100.00	100.00	100.00	100.00	100.00	100.00

sc1c_when

When did shop begin using spray booth?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
Less than 2 years ago	2.54	2.32	5.00	1.10	3.49	3.73
2-5 years ago	13.81	11.87	8.64	14.29	10.47	10.65
More than 5 years ago	82.46	81.31	82.27	82.42	80.23	82.04
Don't know	0.00	2.32	0.00	0.00	1.16	0.53
.	1.19	2.17	4.09	2.20	4.65	3.06
Total	100.00	100.00	100.00	100.00	100.00	100.00

sc2a_fan

Spray booth ventilated ?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
Don't know	0.00	3.33	5.00	2.20	4.65	3.53
No	0.00	0.00	0.00	0.00	1.16	0.04
Yes	1.62	0.00	0.91	0.00	1.16	0.84
Yes	98.38	96.67	94.09	97.80	93.02	95.59
Total	100.00	100.00	100.00	100.00	100.00	100.00

sc2b_effic

Capture efficiency of exhaust?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	1.62	2.17	5.00	2.20	5.81	3.65
100	1.23	0.00	0.91	0.00	0.00	0.71
65	1.62	0.00	0.00	0.00	0.00	0.32
79.8	2.50	1.01	0.00	0.00	0.00	0.71
85	0.00	1.16	0.00	0.00	0.00	0.24
92	0.00	1.16	0.00	1.10	0.00	0.29
96	0.00	0.00	0.00	1.10	0.00	0.04
96.4	0.00	0.00	0.00	1.10	0.00	0.04
98	3.77	10.00	17.70	12.09	16.28	13.03
98.13	0.00	1.01	0.00	0.00	0.00	0.21
98.2	0.00	1.01	0.91	0.00	0.00	0.68
98.65	0.00	0.00	0.00	1.10	0.00	0.04
98.66	0.00	0.00	0.91	0.00	0.00	0.47
98.75	0.00	0.00	0.00	0.00	1.16	0.04
98.8	0.00	1.01	1.82	0.00	0.00	1.15
98.81	1.27	1.01	0.91	0.00	1.16	0.98
98.9	0.00	1.16	0.91	1.10	0.00	0.75
99	4.05	1.01	5.00	6.59	2.33	3.94
99.03	0.00	0.00	0.91	1.10	1.16	0.56
99.3	0.00	0.00	0.91	1.10	0.00	0.51
99.38	1.27	0.00	0.00	0.00	0.00	0.25
99.5	0.00	0.00	1.82	0.00	0.00	0.94
99.6	0.00	0.00	3.18	1.10	1.16	1.72
99.8	0.00	0.00	1.35	0.00	0.00	0.69
99.83	1.27	0.00	0.00	0.00	0.00	0.25
99.84	0.00	1.16	0.00	0.00	0.00	0.24
99.93	0.00	1.01	0.00	0.00	0.00	0.21
Can't tell	81.40	76.11	57.75	70.33	70.93	67.31
Total	100.00	100.00	100.00	100.00	100.00	100.00

sc2d_when

sc8_total

Total gallons of coatings per week	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	92.46	92.78	64.13	79.12	50.00	75.80
1	0.00	0.00	0.91	0.00	5.81	0.69
1.25	0.00	1.01	2.73	0.00	0.00	1.61
1.5	0.00	0.00	1.82	1.10	0.00	0.98
1.625	0.00	0.00	0.91	0.00	0.00	0.47
1.75	0.00	0.00	0.91	0.00	0.00	0.47
10	0.00	1.01	0.00	0.00	0.00	0.21
11	0.00	0.00	0.00	1.10	0.00	0.04
18	0.00	0.00	0.00	1.10	0.00	0.04
2	0.00	1.01	3.65	0.00	3.49	2.22
2.25	0.00	1.01	2.26	0.00	0.00	1.37
2.5	2.46	0.00	2.26	4.40	0.00	1.83
20	0.00	0.00	0.00	0.00	1.16	0.04
3	1.27	0.00	3.18	1.10	8.14	2.24
3.5	0.00	0.00	5.00	1.10	1.16	2.66
30	0.00	0.00	0.00	1.10	1.16	0.09
4	0.00	1.01	2.26	1.10	0.00	1.42
4.25	0.00	0.00	1.35	0.00	0.00	0.69
4.5	1.27	0.00	0.91	1.10	0.00	0.77
5	0.00	1.16	3.62	2.20	5.81	2.41
5.25	1.27	0.00	0.00	0.00	0.00	0.25
6	0.00	0.00	0.00	2.20	0.00	0.09
6.5	1.27	0.00	0.00	0.00	1.16	0.30
7	0.00	1.01	2.26	2.20	0.00	1.46
8	0.00	0.00	0.00	1.10	0.00	0.04
Don't know	0.00	0.00	1.82	0.00	22.09	1.79
Total	100.00	100.00	100.00	100.00	100.00	100.00

sc8_jobs

Number of jobs per week	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
0	16.70	21.72	33.61	42.86	26.74	27.87
1	7.74	3.18	2.73	1.10	5.81	3.88
2	8.62	9.29	8.64	4.40	3.49	8.40
3	11.58	8.84	7.73	3.30	3.49	8.39
4	9.16	7.83	9.09	3.30	2.33	8.34
5	10.04	7.83	8.17	6.59	10.47	8.50
6	3.73	4.49	4.56	6.59	1.16	4.33
7	8.66	4.49	1.82	1.10	1.16	3.69
8	2.46	4.65	3.65	3.30	6.98	3.73
9	0.00	1.16	0.91	0.00	1.16	0.75
10	0.00	10.00	5.00	2.20	8.14	5.04
11	1.27	2.32	1.82	0.00	0.00	1.67
12	1.27	1.01	0.91	0.00	2.33	1.02
13	0.00	0.00	0.91	0.00	0.00	0.47
15	4.96	2.17	2.26	9.89	4.65	3.19
16	0.00	0.00	0.00	1.10	0.00	0.04
17	1.27	0.00	0.91	0.00	0.00	0.72
18	2.46	0.00	0.00	0.00	0.00	0.49
20	5.04	4.49	3.18	3.30	6.98	3.97
25	0.00	2.17	0.00	2.20	3.49	0.67
30	0.00	0.00	0.00	0.00	3.49	0.13
33	0.00	0.00	0.00	0.00	1.16	0.04
35	1.27	1.16	0.00	1.10	1.16	0.58
36	0.00	0.00	0.00	0.00	1.16	0.04
40	0.00	0.00	2.26	2.20	1.16	1.30
45	1.23	0.00	0.00	0.00	0.00	0.25
50	0.00	0.00	0.00	2.20	0.00	0.09

55	0.00	0.00	0.91	0.00	1.16	0.51
60	0.00	0.00	0.00	1.10	1.16	0.09
75	0.00	1.01	0.00	2.20	1.16	0.34
125	1.27	0.00	0.00	0.00	0.00	0.25
.	1.27	2.17	0.91	0.00	0.00	1.17
Total	100.00	100.00	100.00	100.00	100.00	100.00

scl0_msds

MSDS sheets and formulation data for coatings?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No doc. available	25.39	11.31	19.11	5.49	13.95	18.00
Some doc. available	6.66	11.01	20.44	7.69	2.33	14.51
All doc. available	60.60	68.99	56.37	86.81	82.56	62.08
Don't Know	7.35	8.69	4.09	0.00	1.16	5.41
Total	100.00	100.00	100.00	100.00	100.00	100.00

scl1_haps

Coatings have HAPs?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
Don't Know	78.57	80.00	67.30	64.84	61.63	71.87
No	13.50	13.48	20.91	9.89	36.05	18.02
Yes	7.93	6.52	11.79	25.27	2.33	10.11
Total	100.00	100.00	100.00	100.00	100.00	100.00

scl2a_strip

Use chemicals for paint stripping?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	93.65	89.14	85.00	72.53	81.40	86.95
Yes	6.35	10.86	15.00	27.47	18.60	13.05
Total	100.00	100.00	100.00	100.00	100.00	100.00

scl3_mecl

Methylene chloride annual usage (gallons)	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	93.65	90.15	87.27	72.53	81.40	88.32
0.25	0.00	1.01	0.00	0.00	0.00	0.21
1	0.00	1.16	0.00	16.48	3.49	1.05
1.5	0.00	0.00	0.91	0.00	0.00	0.47
2	0.00	1.01	0.00	1.10	2.33	0.34
4	0.00	0.00	0.00	1.10	0.00	0.04
Don't know	6.35	6.67	11.82	8.79	12.79	9.57
Total	100.00	100.00	100.00	100.00	100.00	100.00

scl4_minplan

Methylene chloride minimization plan?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	93.65	90.15	85.00	72.53	81.40	87.15
No	6.35	9.85	15.00	21.98	18.60	12.62
Yes	0.00	0.00	0.00	5.49	0.00	0.22
Total	100.00	100.00	100.00	100.00	100.00	100.00

scl5_regs

Heard of spray regulations?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	1.23	0.00	0.00	0.00	0.00	0.25
No	19.93	18.69	15.47	41.76	22.09	18.35
Yes	78.84	81.31	84.53	58.24	77.91	81.40
Total	100.00	100.00	100.00	100.00	100.00	100.00

scl6_date

When did shop hear of spray regulations?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	19.93	18.69	15.47	41.76	22.09	18.35
1982--00	0.00	1.16	0.00	0.00	0.00	0.24
1990--00	0.00	1.01	0.00	0.00	0.00	0.21
1995--00	1.62	0.00	0.00	0.00	0.00	0.32
1996--00	0.00	0.00	0.00	0.00	1.16	0.04
1996--04	0.00	0.00	0.91	0.00	0.00	0.47
2000--00	0.00	1.16	0.00	0.00	0.00	0.24
2001--00	0.00	0.00	0.00	0.00	1.16	0.04
2003--00	0.00	0.00	0.00	1.10	0.00	0.04
2004--00	1.27	1.16	0.00	0.00	0.00	0.49
2007--06	1.27	0.00	0.00	0.00	0.00	0.25
2007--10	0.00	1.16	0.00	0.00	0.00	0.24
2008--00	0.00	0.00	1.35	0.00	3.49	0.83
2008--02	0.00	0.00	0.91	0.00	0.00	0.47
2008--06	0.00	1.16	0.00	0.00	0.00	0.24
2008--10	0.00	0.00	2.73	0.00	0.00	1.40
2009--00	5.39	7.98	6.82	2.20	9.30	6.68
2009--01	1.23	0.00	0.00	0.00	0.00	0.25
2009--02	0.00	0.00	1.82	0.00	0.00	0.94
2009--03	0.00	0.00	2.71	1.10	0.00	1.43
2009--04	1.27	0.00	0.00	0.00	3.49	0.39
2009--05	0.00	1.01	0.00	1.10	1.16	0.30
2009--06	1.27	3.33	0.91	3.30	1.16	1.59
2009--07	2.50	3.48	0.91	1.10	0.00	1.73
2009--08	0.00	1.01	0.00	0.00	1.16	0.25
2009--09	2.42	2.17	1.82	1.10	2.33	2.01
2009--10	12.70	7.83	4.09	18.68	1.16	7.07
2009--11	12.74	2.32	1.82	4.40	5.81	4.37
2009--12	0.00	3.18	2.26	10.99	2.33	2.36
2010--00	1.23	10.15	13.17	0.00	15.12	9.69
2010--01	5.00	8.69	8.20	4.40	1.16	7.24
2010--02	3.81	4.49	4.09	4.40	1.16	4.02
2010--03	9.93	4.49	3.65	2.20	0.00	4.88
2010--04	5.00	5.66	3.65	2.20	6.98	4.40

2010--05	3.81	4.49	2.71	0.00	0.00	3.08
2010--06	0.00	0.00	2.73	0.00	1.16	1.45
2010--07	1.27	0.00	5.00	0.00	0.00	2.82
2010--08	0.00	0.00	0.91	0.00	1.16	0.51
2010--09	0.00	0.00	2.26	0.00	2.33	1.25
2010--10	0.00	1.16	6.35	0.00	3.49	3.64
2010--11	0.00	0.00	0.00	0.00	1.16	0.04
2010--12	0.00	0.00	0.91	0.00	0.00	0.47
2011--00	0.00	0.00	0.00	0.00	2.33	0.09
2011--01	0.00	0.00	0.00	0.00	1.16	0.04
2011--03	0.00	0.00	0.91	0.00	0.00	0.47
Don't know	6.35	3.03	0.91	0.00	6.98	2.63
Total	100.00	100.00	100.00	100.00	100.00	100.00

scl7_shopvs

Source of info on spray regs: shop visit	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
Another Body Shop	48.17	50.00	37.72	65.93	33.72	43.35
Don't Know	0.00	1.01	1.82	0.00	0.00	1.15
Local Gov't	0.00	0.00	0.00	0.00	1.16	0.04
Other 3rd Party	0.00	0.00	1.82	0.00	0.00	0.94
Supplier/Vendor	3.77	0.00	3.18	3.30	1.16	2.56
Trade Assn	48.06	46.67	49.57	30.77	63.95	48.46
US EPA	0.00	1.16	0.91	0.00	0.00	0.71
Total	0.00	1.16	4.97	0.00	0.00	2.79
Total	100.00	100.00	100.00	100.00	100.00	100.00

scl7_dvd

Source of info on spray regs: DVD	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
Don't Know	98.73	97.83	90.03	100.00	100.00	94.18
Supplier/Vendor	0.00	0.00	0.91	0.00	0.00	0.47
Trade Assn	0.00	0.00	2.26	0.00	0.00	1.16
US EPA	0.00	1.16	2.26	0.00	0.00	1.40
Total	1.27	1.01	4.53	0.00	0.00	2.79
Total	100.00	100.00	100.00	100.00	100.00	100.00

scl7_cd

Source of info on spray regs: CD	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
Another Body Shop	92.11	97.98	90.03	100.00	100.00	92.88
Don't Know	0.00	0.00	0.91	0.00	0.00	0.47
State	0.00	0.00	0.91	0.00	0.00	0.47
Supplier/Vendor	1.62	0.00	0.00	0.00	0.00	0.32
Trade Assn	2.54	1.01	0.00	0.00	0.00	0.72
US EPA	0.00	0.00	2.26	0.00	0.00	1.16
Total	3.73	1.01	5.88	0.00	0.00	3.98
Total	100.00	100.00	100.00	100.00	100.00	100.00

scl7_postcd

Source of info on spray regs: Postcard	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	92.58	83.79	81.39	98.90	96.51	85.42
Don't Know	0.00	4.49	3.65	0.00	0.00	2.80
OSHA	0.00	0.00	0.00	0.00	2.33	0.09
Supplier/Vendor	1.27	1.16	0.00	1.10	1.16	0.58
Trade Assn	0.00	0.00	0.91	0.00	0.00	0.47
US EPA	6.15	10.56	14.05	0.00	0.00	10.63
Total	100.00	100.00	100.00	100.00	100.00	100.00

scl7_fctsht

Source of info on spray regs: Factsheet	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	86.72	82.02	85.92	72.53	96.51	85.13
Don't Know	0.00	0.00	0.91	0.00	0.00	0.47
Supplier/Vendor	5.43	9.14	5.00	25.27	3.49	6.71
Trade Assn	0.00	2.17	3.65	0.00	0.00	2.32
US EPA	7.85	6.67	4.53	2.20	0.00	5.37
Total	100.00	100.00	100.00	100.00	100.00	100.00

scl7_wrkshp

Source of info on spray regs: Workshop	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	32.31	47.22	46.81	65.93	58.14	45.21
Another Body Shop	0.00	0.00	0.00	1.10	0.00	0.04
Don't Know	1.19	0.00	0.00	0.00	0.00	0.24
Other 3rd Party	2.54	1.16	0.00	3.30	0.00	0.88
State	1.62	1.01	0.00	0.00	0.00	0.53
Supplier/Vendor	56.06	48.28	52.28	29.67	40.70	50.84
Trade Assn	2.54	1.16	0.91	0.00	1.16	1.26
US EPA	3.73	1.16	0.00	0.00	0.00	0.99
Total	100.00	100.00	100.00	100.00	100.00	100.00

scl7_webst

Source of info on spray regs: Website	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	95.88	87.37	84.09	100.00	91.86	88.08
Don't Know	0.00	1.01	1.82	0.00	0.00	1.15
OSHA	0.00	0.00	0.91	0.00	0.00	0.47
Other 3rd Party	0.00	0.00	0.91	0.00	0.00	0.47
State	0.00	1.16	0.00	0.00	0.00	0.24
Supplier/Vendor	0.00	0.00	3.18	0.00	1.16	1.68
Trade Assn	2.89	6.97	1.35	0.00	4.65	2.90
US EPA	1.23	3.48	7.73	0.00	2.33	5.03
Total	100.00	100.00	100.00	100.00	100.00	100.00

sdl_waste

Quantity of hazardous waste generated	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
0-26 gal/mo (VSQG)	52.59	45.20	66.77	98.90	81.40	61.34
27-270 gal/mo (SQG)	44.87	52.47	31.87	1.10	17.44	36.93
>270 gal/mo (LQG)	1.27	0.00	1.35	0.00	1.16	0.99
Don't know	1.27	2.32	0.00	0.00	0.00	0.74
Total	100.00	100.00	100.00	100.00	100.00	100.00

sd2_shipdoc

Hazardous waste shipping -- documentation?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	0.00	1.16	0.00	0.00	0.00	0.24
NA	0.00	0.00	0.91	0.00	1.16	0.51
No	25.43	25.81	30.43	51.65	44.19	29.87
Yes	74.57	73.03	68.66	48.35	54.65	69.38
Total	100.00	100.00	100.00	100.00	100.00	100.00

sd3_solv

Treated as hazardous: Solvents?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	2.54	1.16	2.73	1.10	6.98	2.47
Some	0.00	1.01	0.00	0.00	0.00	0.21
Yes	97.46	94.49	97.27	98.90	88.37	96.46
Not Applicable	0.00	2.17	0.00	0.00	4.65	0.63
.	0.00	1.16	0.00	0.00	0.00	0.24
Total	100.00	100.00	100.00	100.00	100.00	100.00

sd3_paints

Treated as hazardous: Paints?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	6.27	4.34	5.00	3.30	6.98	5.12
Some	0.00	1.01	0.00	0.00	0.00	0.21
Yes	92.46	92.32	90.00	96.70	87.21	91.14
Not Applicable	1.27	1.16	5.00	0.00	5.81	3.29
.	0.00	1.16	0.00	0.00	0.00	0.24
Total	100.00	100.00	100.00	100.00	100.00	100.00

sd3_sandbst

Treated as hazardous: Sand blast debris?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	27.86	33.18	31.31	2.20	13.95	29.15

Some	0.00	1.16	0.00	0.00	0.00	0.24
Yes	1.23	1.01	4.56	6.59	0.00	3.06
Not Applicable	70.91	63.48	63.22	91.21	83.72	66.74
Don't Know	0.00	1.16	0.91	0.00	2.33	0.80
Total	100.00	100.00	100.00	100.00	100.00	100.00

sd3_rags

Treated as hazardous: Used rags?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	59.29	65.81	40.87	51.65	46.51	50.38
Some	2.54	0.00	0.91	8.79	1.16	1.38
Yes	12.46	10.00	18.64	27.47	10.47	15.66
Not Applicable	24.09	22.17	39.58	5.49	41.86	31.57
Don't Know	0.00	1.01	0.00	0.00	0.00	0.21
.	1.62	1.01	0.00	6.59	0.00	0.80
Total	100.00	100.00	100.00	100.00	100.00	100.00

sd3_filters

Treated as hazardous: Spray booth filters?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	85.41	79.14	74.60	39.56	68.60	76.04
Some	1.27	1.01	0.00	1.10	0.00	0.51
Yes	9.16	15.35	19.96	56.04	20.93	18.35
Not Applicable	0.00	3.33	3.18	2.20	6.98	2.68
Don't Know	1.27	1.16	1.35	1.10	2.33	1.32
.	2.89	0.00	0.91	0.00	1.16	1.09
Total	100.00	100.00	100.00	100.00	100.00	100.00

sd3_antifrs

Treated as hazardous: Antifreeze?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	25.28	30.15	8.20	3.30	0.00	15.65
Some	0.00	1.16	0.91	0.00	1.16	0.75
Yes	33.54	38.08	43.13	58.24	50.00	41.05
Not Applicable	39.56	30.61	45.02	36.26	48.84	40.73
Don't Know	0.00	0.00	0.91	1.10	0.00	0.51
.	1.62	0.00	1.82	1.10	0.00	1.31
Total	100.00	100.00	100.00	100.00	100.00	100.00

sd3_wstoil

Treated as hazardous: Waste oil?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	25.32	30.00	8.20	1.10	2.33	15.63
Some	0.00	0.00	0.00	0.00	1.16	0.04
Yes	37.16	37.37	44.10	53.85	50.00	41.95
Not Applicable	34.63	31.46	43.60	42.86	46.51	39.38

sfl_corp

Compliance info: Corporate environmental division	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	100.00	98.84	100.00	89.01	100.00	99.31
Yes	0.00	1.16	0.00	10.99	0.00	0.69
Total	100.00	100.00	100.00	100.00	100.00	100.00

sfl_educ

Compliance info: Educational institutions	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	98.73	97.68	93.65	98.90	100.00	95.96
Yes	1.27	2.32	6.35	1.10	0.00	4.04
Total	100.00	100.00	100.00	100.00	100.00	100.00

sfl_consult

Compliance info: Environmental consultant	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	96.23	96.82	92.27	93.41	97.67	94.26
Yes	3.77	3.18	7.73	6.59	2.33	5.74
Total	100.00	100.00	100.00	100.00	100.00	100.00

sfl_shops

Compliance info: Other autobody shops	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	98.73	97.83	90.89	95.60	94.19	94.21
Yes	1.27	2.17	9.11	4.40	5.81	5.79
Total	100.00	100.00	100.00	100.00	100.00	100.00

sfl_loclgov

Compliance info: Local government	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	97.54	98.99	85.92	94.51	96.51	91.71
Yes	2.46	1.01	14.08	5.49	3.49	8.29

sf3_loclgov

Official site visit: Local government	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	85.04	84.65	75.45	62.64	68.60	78.49
No	5.08	3.48	5.44	5.49	3.49	4.89
Yes	9.89	11.87	19.11	31.87	27.91	16.62
Total	100.00	100.00	100.00	100.00	100.00	100.00

sf3_osha

Official site visit: OSHA	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	85.04	84.65	75.45	62.64	68.60	78.49
No	12.43	15.35	22.29	34.07	29.07	19.62
Yes	2.54	0.00	2.26	3.30	2.33	1.89
Total	100.00	100.00	100.00	100.00	100.00	100.00

sf3_other

Official site visit: Other	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	85.04	84.65	75.45	62.64	68.60	78.49
No	14.96	15.35	24.55	37.36	30.23	21.47
Yes	0.00	0.00	0.00	0.00	1.16	0.04
Total	100.00	100.00	100.00	100.00	100.00	100.00

sf3_dk

Official site visit: Don't know	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	85.04	84.65	75.45	62.64	68.60	78.49
No	14.96	15.35	23.64	37.36	31.40	21.05
Yes	0.00	0.00	0.91	0.00	0.00	0.47
Total	100.00	100.00	100.00	100.00	100.00	100.00

sf4a_changes

Made any changes in last year?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	0.00	1.16	4.09	1.10	1.16	2.43

No	73.65	70.76	60.04	70.33	70.93	65.82
Yes	26.35	28.08	35.87	28.57	27.91	31.75
Total	100.00	100.00	100.00	100.00	100.00	100.00

sgl_hvlp

Interviewer observation: Number of HVLP spray guns	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
0	0.00	0.00	0.00	3.30	3.49	0.27
1	1.19	3.33	5.44	5.49	3.49	4.08
2	24.44	14.49	15.94	17.58	13.95	17.33
3	28.86	28.99	31.37	24.18	19.77	29.64
4	11.31	19.14	22.73	16.48	18.60	19.29
5	13.85	9.14	5.00	6.59	10.47	7.90
6	6.23	10.86	8.64	7.69	11.63	8.70
7	3.73	2.17	4.09	3.30	4.65	3.61
8	2.46	4.34	4.06	8.79	0.00	3.83
9	2.50	1.16	0.91	0.00	2.33	1.30
10	2.89	1.16	0.91	2.20	3.49	1.51
11	0.00	1.01	0.00	1.10	0.00	0.25
12	0.00	0.00	0.00	0.00	4.65	0.18
13	0.00	1.01	0.00	1.10	0.00	0.25
15	0.00	3.18	0.00	1.10	1.16	0.75
20	0.00	0.00	0.00	0.00	1.16	0.04
23	0.00	0.00	0.00	1.10	0.00	0.04
30	1.27	0.00	0.00	0.00	0.00	0.25
.	1.27	0.00	0.91	0.00	1.16	0.77
Total	100.00	100.00	100.00	100.00	100.00	100.00

sgl_electro

Interviewer observation: Number of electrostatic spray guns	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
0	98.73	100.00	94.09	100.00	98.84	96.67
.	1.27	0.00	5.91	0.00	1.16	3.33
Total	100.00	100.00	100.00	100.00	100.00	100.00

sgl_airless

Interviewer observation: Number of airless guns	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
0	98.73	100.00	98.18	100.00	98.84	98.77
.	1.27	0.00	1.82	0.00	1.16	1.23

Total	100.00	100.00	100.00	100.00	100.00	100.00
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sgl_airasst

Interviewer observation: Number of air assisted airless spray guns	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
0	98.73	100.00	98.18	95.60	98.84	98.59
1	0.00	0.00	0.00	1.10	0.00	0.04
2	0.00	0.00	0.00	1.10	0.00	0.04
3	0.00	0.00	0.00	1.10	0.00	0.04
6	0.00	0.00	0.00	1.10	0.00	0.04
.	1.27	0.00	1.82	0.00	1.16	1.23
Total	100.00	100.00	100.00	100.00	100.00	100.00

sgl_other

Interviewer observation: Number of other types of spray guns	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
0	97.50	97.98	93.62	93.41	87.21	95.04
1	1.23	2.02	3.65	2.20	4.65	2.81
2	0.00	0.00	0.91	3.30	3.49	0.74
3	0.00	0.00	0.00	1.10	2.33	0.13
4	0.00	0.00	0.00	0.00	1.16	0.04
.	1.27	0.00	1.82	0.00	1.16	1.23
Total	100.00	100.00	100.00	100.00	100.00	100.00

sgl_cantdet

Interviewer observation: Number of spray guns -- can't determine	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
0	98.73	95.81	92.30	100.00	97.67	94.83
1	0.00	3.18	2.26	0.00	0.00	1.82
2	0.00	1.01	3.62	0.00	0.00	2.07
3	0.00	0.00	0.00	0.00	1.16	0.04
.	1.27	0.00	1.82	0.00	1.16	1.23
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg3_cleang

sg3_spray

Guns cleaned by spraying coatings and/or solvent through gun	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	100.00	100.00	0.00	100.00	0.00	44.80
No	0.00	0.00	100.00	0.00	96.51	55.06
Yes	0.00	0.00	0.00	0.00	3.49	0.13
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg3_hand

Guns cleaned by hand or through mechanical methods	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	100.00	100.00	0.00	100.00	0.00	44.80
No	0.00	0.00	82.77	0.00	72.09	45.28
Yes	0.00	0.00	17.23	0.00	27.91	9.92
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg3_other

Guns cleaned using other method	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	100.00	100.00	0.00	100.00	0.00	44.80
No	0.00	0.00	100.00	0.00	95.35	55.02
Yes	0.00	0.00	0.00	0.00	4.65	0.18
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg4_nobooth

Interviewer observation: No spray booth	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	100.00	95.66	95.00	97.80	96.51	96.31
No	0.00	4.34	5.00	2.20	3.49	3.69
Yes	0.00	0.00	0.00	0.00	0.00	0.00
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg4_enclsd

Interviewer observation: Spray booth enclosed?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
Fully encl.	2.85	4.34	5.91	2.20	6.98	4.86
Not fully encl.	95.95	95.66	92.27	97.80	93.02	93.96
	1.19	0.00	1.82	0.00	0.00	1.17
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg4_fan

Interviewer observation : Spray booth ventilated?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	3.66	5.51	8.17	2.20	13.95	6.70
Not ventil.	4.16	1.01	0.91	0.00	1.16	1.56
Ventil.	92.18	93.48	90.91	97.80	84.88	91.75
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg4_outside

Interviewer observation: Evidence of spraying outside of spray booth?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	0.00	2.17	4.09	2.20	3.49	2.77
Yes	100.00	95.66	91.38	95.60	94.19	94.27
	0.00	2.17	4.53	2.20	2.33	2.95
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg5_filter

Interviewer observation: Have particle filter?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
Has filter	0.00	2.17	4.09	2.20	5.81	2.86
No filter	95.92	96.67	89.09	92.31	89.53	92.17
Not sure	2.89	0.00	3.65	5.49	3.49	2.81
	1.19	1.16	3.18	0.00	1.16	2.15
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg6_filtcond

Interviewer |

observation: Condition of particle filter?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
Poor condition	7.46	6.67	5.47	17.58	3.49	6.53
Fair condition	30.21	32.32	22.29	32.97	23.26	26.42
Good condition	56.98	56.67	60.45	34.07	56.98	57.76
Don't Know	3.73	2.17	5.88	13.19	9.30	5.11
.	1.62	2.17	5.91	2.20	6.98	4.17
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg7_nomixrm

Interviewer observation: n: No mixing room	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	68.14	64.80	60.48	67.03	73.26	63.67
Yes	31.86	35.20	39.52	32.97	26.74	36.33
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg7_mixencl

Interviewer observation: Mixing room enclosed?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
Can't tell	31.86	35.20	40.43	35.16	29.07	36.98
Fully encl.	0.00	0.00	0.91	0.00	1.16	0.51
Not fully encl.	64.05	60.45	56.84	63.74	63.95	59.59
	4.08	4.34	1.82	1.10	5.81	2.92
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg7_mixvent

Interviewer observation: : Mixing room ventilated?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
Can't tell	34.33	36.21	41.34	34.07	31.40	38.19
Not ventil.	3.73	2.32	1.82	1.10	1.16	2.25
Ventil.	16.47	9.85	11.38	13.19	22.09	12.57
	45.47	51.62	45.46	51.65	45.35	46.98
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg8_noprep

Interviewer observation: n: No prep station	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
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	0.00	0.00	0.00	2.20	0.00	0.09
No	17.66	21.46	20.91	17.58	22.09	20.28
Yes	82.34	78.54	79.09	80.22	77.91	79.63
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg8_prepenc

Interviewer observation: Prep station enclosed?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	83.96	78.54	80.92	82.42	81.40	81.11
Encl.	12.31	20.30	14.55	14.29	15.12	15.31
No	0.00	0.00	0.91	0.00	0.00	0.47
Not encl.	3.73	1.16	3.62	3.30	3.49	3.11
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg8_prepvnt

Interviewer observation: Prep station ventilated?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	85.23	80.71	80.92	82.42	82.56	81.86
Can't tell	1.27	1.16	0.91	0.00	0.00	0.96
Not ventil.	1.19	0.00	0.00	1.10	1.16	0.33
Ventil.	12.31	18.13	18.17	16.48	16.28	16.85
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg9_strippd

Interviewer observation: Use of methylene chloride for stripping	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No MeCl	7.39	9.85	6.35	2.20	1.16	6.91
MeCl used	5.08	8.69	9.09	26.37	10.47	8.96
Don't know	0.00	1.16	5.00	2.20	8.14	3.21
N/A	87.54	79.29	77.74	67.03	75.58	79.50
.	0.00	1.01	1.82	2.20	4.65	1.41
Total	100.00	100.00	100.00	100.00	100.00	100.00

sg10_labld

Interviewer observation: Drums labeled?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
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	None	64.25	60.15	48.22	72.53	56.98	55.23
	Some	3.73	5.51	14.11	13.19	5.81	9.89
	All	29.48	34.34	34.02	13.19	17.44	31.69
Don't know/can't tell		1.27	0.00	1.82	1.10	13.95	1.77
	NA	0.00	0.00	0.00	0.00	1.16	0.04
	.	1.27	0.00	1.82	0.00	4.65	1.37

	Total	100.00	100.00	100.00	100.00	100.00	100.00

sg11_begin

Interviewer observation: Earliest waste accumulation date	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total	
	61.98	55.96	66.89	96.70	80.23	65.37	
2001--09	0.00	1.01	0.00	0.00	0.00	0.21	
2004--06	0.00	0.00	0.91	0.00	0.00	0.47	
2006--07	0.00	1.16	0.00	0.00	0.00	0.24	
2008--06	0.00	1.16	0.00	0.00	0.00	0.24	
2008--08	0.00	1.16	0.00	0.00	0.00	0.24	
2008--10	1.27	0.00	0.00	0.00	0.00	0.25	
2009--00	1.19	0.00	0.00	0.00	0.00	0.24	
2009--01	1.27	0.00	0.00	0.00	0.00	0.25	
2009--06	1.27	3.48	1.82	0.00	0.00	1.91	
2009--08	1.27	0.00	0.00	0.00	0.00	0.25	
2009--09	2.54	1.01	0.00	0.00	0.00	0.72	
2009--10	1.62	1.16	0.00	0.00	0.00	0.57	
2009--11	0.00	3.03	0.91	1.10	0.00	1.14	
2009--12	1.27	1.01	0.00	0.00	0.00	0.46	
2010--01	2.46	5.35	4.06	1.10	0.00	3.73	
2010--02	2.39	2.32	0.00	0.00	0.00	0.96	
2010--03	2.46	1.16	1.35	1.10	0.00	1.47	
2010--04	9.09	3.18	0.00	0.00	0.00	2.48	
2010--05	6.16	8.84	1.82	0.00	0.00	4.00	
2010--06	1.27	7.98	2.26	0.00	1.16	3.11	
2010--07	2.50	1.01	0.00	0.00	0.00	0.71	
2010--08	0.00	0.00	2.26	0.00	2.33	1.25	
2010--09	0.00	0.00	2.73	0.00	0.00	1.40	
2010--10	0.00	0.00	1.35	0.00	1.16	0.74	
2010--11	0.00	0.00	2.26	0.00	0.00	1.16	
2010--12	0.00	0.00	2.26	0.00	0.00	1.16	
2011--01	0.00	0.00	2.73	0.00	3.49	1.54	
2011--02	0.00	0.00	0.91	0.00	4.65	0.65	
2011--03	0.00	0.00	5.44	0.00	5.81	3.02	
2011--04	0.00	0.00	0.00	0.00	1.16	0.04	

Total	100.00	100.00	100.00	100.00	100.00	100.00	

sg11_dk

Interviewer observation: Earliest waste accumulation date -- don't know	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	38.02	44.04	36.72	3.30	26.74	36.75

Yes	61.98	55.96	63.28	96.70	73.26	63.25
Total	100.00	100.00	100.00	100.00	100.00	100.00

sgl2_closed

Interviewer observation: All drums closed?	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
Don't Know	0.00	0.00	0.91	1.10	2.33	0.60
NA	1.27	0.00	0.00	1.10	2.33	0.39
No	0.00	0.00	0.00	0.00	2.33	0.09
Yes	43.78	39.55	36.84	74.73	62.79	41.33
Yes	54.96	60.45	62.25	23.08	30.23	57.58
Total	100.00	100.00	100.00	100.00	100.00	100.00

sgl3_qtyhaz

Interviewer observation: Quantity of waste stored	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
	11.23	13.33	13.20	2.20	5.81	12.10
0	0.00	1.01	1.35	0.00	1.16	0.95
1	0.00	1.16	0.00	3.30	2.33	0.46
1.5	0.00	1.01	0.00	0.00	1.16	0.25
10	3.73	2.17	5.47	14.29	6.98	4.86
100	2.54	1.01	0.91	1.10	0.00	1.23
110	1.27	7.68	2.73	1.10	4.65	3.47
115	1.27	0.00	2.26	0.00	0.00	1.42
117	0.00	1.01	0.00	0.00	0.00	0.21
12.5	1.27	0.00	0.91	0.00	0.00	0.72
120	0.00	1.01	0.00	0.00	1.16	0.25
145	0.00	0.00	0.00	1.10	0.00	0.04
15	1.27	4.65	2.73	8.79	1.16	3.02
150	1.27	0.00	0.00	0.00	1.16	0.30
16	5.00	1.16	3.18	0.00	0.00	2.87
160	0.00	0.00	0.00	0.00	1.16	0.04
165	0.00	2.32	0.00	0.00	0.00	0.48
18	0.00	0.00	0.91	0.00	0.00	0.47
196	1.27	0.00	0.00	0.00	0.00	0.25
2	1.27	0.00	0.00	3.30	1.16	0.43
2.5	1.19	0.00	0.00	0.00	0.00	0.24
20	1.23	2.17	2.73	18.68	3.49	3.00
220	1.27	0.00	1.35	0.00	0.00	0.95
227	0.00	0.00	1.35	0.00	0.00	0.69
25	2.39	1.16	3.18	4.40	1.16	2.57
250	0.00	1.01	0.00	0.00	0.00	0.21
260	0.00	0.00	0.91	0.00	0.00	0.47
27	0.00	1.01	0.00	0.00	0.00	0.21
3	1.27	0.00	0.00	4.40	2.33	0.52
30	0.00	2.17	5.91	9.89	8.14	4.20
300	0.00	1.16	0.00	0.00	0.00	0.24
32	0.00	0.00	1.82	0.00	0.00	0.94
33	0.00	0.00	0.00	0.00	1.16	0.04
35	0.00	1.16	2.26	0.00	0.00	1.40
37	0.00	0.00	0.91	0.00	0.00	0.47
40	2.54	1.16	2.73	3.30	0.00	2.29
45	1.27	0.00	3.18	3.30	0.00	2.02
5	14.89	12.17	10.91	9.89	11.63	11.95
50	0.00	2.17	0.91	3.30	1.16	1.10
54	0.00	0.00	0.00	0.00	1.16	0.04

 schng_label

Change during site visit: Labeled waste containers	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	88.85	91.16	90.47	100.00	100.00	91.05
Yes	11.15	8.84	9.53	0.00	0.00	8.95
Total	100.00	100.00	100.00	100.00	100.00	100.00

 schng_clshz

Change during site visit: Closed waste containers	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	90.00	87.27	89.53	94.51	90.70	89.41
Yes	10.00	12.73	10.47	5.49	9.30	10.59
Total	100.00	100.00	100.00	100.00	100.00	100.00

 schng_clsus

Change during site visit: Closed used paint applicator containers	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	97.50	97.83	97.27	100.00	98.84	97.60
Yes	2.50	2.17	2.73	0.00	1.16	2.40
Total	100.00	100.00	100.00	100.00	100.00	100.00

 schng_clnsp

Change during site visit: Cleaned up spill	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	100.00	100.00	100.00	98.90	98.84	99.91
Yes	0.00	0.00	0.00	1.10	1.16	0.09
Total	100.00	100.00	100.00	100.00	100.00	100.00

 schng_oth

Change during site visit: Other	MA2010A	MA2010B	MA2011	VA2010	VA2011	Total
No	88.62	81.62	90.00	98.90	100.00	88.74
Yes	11.38	18.38	10.00	1.10	0.00	11.26
Total	100.00	100.00	100.00	100.00	100.00	100.00

Appendix B Part 2

SUMMARY OF TELEPHONE SURVEY DATA

Overview:

This appendix summarizes the 2010 telephone survey data for Massachusetts. Results are reported as percentages, and all data have been weighted to reflect the relative contribution of each sampling stratum. In the summary tables, a period (“.”) is used to represent missing data for a numeric variable (i.e., the survey question was skipped or was not applicable), while a blank (“”) is used to represent missing data for a categorical or string variable.

Group Definitions:

Group A	Massachusetts 2010 Treatment Group
Group B	Massachusetts 2010 Control Group

Variable Definitions:

int_name	Interviewer name
int_office	Interviewer affiliation
a1_owner	Respondent Role: Owner
a1_mngr	Respondent Role: Manager
a1_tech	Respondent Role: Technician
a1_other	Respondent Role: Other
a1_specify	Respondent Role: Other -- specify
a1_comment	Comment: Question A1
a2a_coatngs	Operations include surface coatings?
a2b_date	Initial construction of painting equipment
a2_comment	Comment: Question A2
a3_corp	Shop part of corporate chain?
a3_specify	Shop part of corporate chain -- specify
a3_comment	Comment: Question A3
b1_hvlp	Spray gun: HVLP
b1_electro	Spray gun: Electrostatic
b1_airless	Spray gun: Airless
b1_airasst	Spray gun: Air assisted airless
b1_dk	Spray gun: Don't know
b1_other	Spray gun: Other
b1_specify	Spray gun: Other -- specify
b1_comment	Comment: Question B1
b2a_booth	Shop have spray booth?
b2a_num	Number of spray booths
b2b_allbth	All coatings applied in spray booth?
b2c_when	When did shop begin using spray booth?
b2d_enclsd	Spray booth enclosed?
b2_comment	Comment: Question B2
b3a_fan	Spray booth ventilated?
b3b_when	When did shop begin using ventilation system?
b3c_effic	Capture efficiency of exhaust?
b3d_filter	Particle filter on booth exhaust?
b3_comment	Comment: Question B3
b4a_mixroom	Separate paint mixing room?
b4b_when	When did shop begin using mixing room?
b4c_mixenc	Mixing room enclosed?
b4d_mixvent	Mixing room ventilated?
b4_comment	Comment: Question B4
b5a_prep	Prep station?
b5a_numprep	Number of prep stations

b5b_when	When did shop begin using prep station?
b5c_prepenc	Prep station enclosed?
b5d_prepvnt	Prep station ventilated?
b5_comment	Comment: Question B5
b6_waterbrn	Use waterborne paints?
b6_comment	Comment: Question B6
b7_basecoat	Waterborne paints for basecoat?
b7_primer	Waterborne paints for primer?
b7_other	Waterborne paints for another use?
b7_specify	Waterborne paint other -- specify
b7_comment	Comment: Question B7
b8_basecoat	Gallons of basecoat per week
b8_primer	Gallons of primer per week
b8_topcoat	Gallons of topcoat per week
b8_total	Total gallons of coatings per week
b8_jobs	Number of jobs per week
b8_comment	Comment: Question B8
b10a_spryed	Spray technicians trained?
b10b_select	Spray training: Selection of equipment?
b10b_setup	Spray training: Setup of equipment?
b10b_use	Spray training: Use of equipment?
b10b_maint	Spray training: Maintenance of equipment?
b10b_hands	Spray training: Hands-on?
b10b_class	Spray training: Classroom?
b10_comment	Comment: Question B10
b11_regs	Heard of spray regulations?
b11_comment	Comment: Question B11
b12_date	When did shop hear of spray regulations?
b12_comment	Comment: Question B12
b13_shopvst	Source of info on spray regs: shop visit
b13_dvd	Source of info on spray regs: DVD
b13_cd	Source of info on spray regs: CD
b13_postcrd	Source of info on spray regs: Postcard
b13_factsht	Source of info on spray regs: Factsheet
b13_workshp	Source of info on spray regs: Workshop
b13_website	Source of info on spray regs: Website
b13_spc_web	Source of info on spray regs: Website -- specify
b13_other	Source of info on spray regs: Other
b13_spc_oth	Source of info on spray regs: Other -- specify
b13_comment	Comment: Question B13
b_comment	Comment: Section B
c1_waste	Quantity of hazardous waste generated?
c1_comment	Comment: Question C1
c2_labeled	All drums labeled?
c3_yes	Proper hazardous waste disposal -- Yes
c3_no	Proper hazardous waste disposal -- No
c3_dk	Proper hazardous waste disposal -- Don't know
c3_recycle	Proper hazardous waste disposal -- Recycled
c3_comment	Comment: Question C3
c4_rags	Used rags stored in closed containers?
c4_comment	Comment: Question C4
c5_solvents	Treated as hazardous: Solvents?
c5_paints	Treated as hazardous: Paints?
c5_sandblst	Treated as hazardous: Sand blast debris?
c5_usedrags	Treated as hazardous: Used rags?
c5_filters	Treated as hazardous: Spray booth filters?
c5_antifrze	Treated as hazardous: Antifreeze?
c5_wasteoil	Treated as hazardous: Waste oil?
c5_other	Treated as hazardous: Other?
c5_specify	Treated as hazardous: Other -- specify
c5_comment	Comment: Question C5
c6_training	Employees have hazmat training?
c6_comment	Comment: Question C6
d1_ctg_manf	Compliance info: Coating manufacturers or suppliers
d1_corp	Compliance info: Corporate environmental division
d1_educ	Compliance info: Educational institutions
d1_consult	Compliance info: Environmental consultant
d1_shops	Compliance info: Other auto body shops
d1_localgov	Compliance info: Local government

d1_osh Compliance info: OSHA
d1_state Compliance info: State environmental agencies
d1_suppliers Compliance info: Suppliers
d1_trade Compliance info: Trade association
d1_epa Compliance info: U.S. EPA
d1_other Compliance info: Other
d1_specify Compliance info: Other -- Specify
d1_dk Compliance info: Don't know
d1_comment Comment: Question D1
d2_visit Official site visit within last six months?
d2_comment Comment: Question D2
d3_epa Official site visit: EPA
d3_state Official site visit: State
d3_local Official site visit: Local government
d3_osh Official site visit: OSHA
d3_other Official site visit: Other
d3_specify Official site visit: Other -- Specify
d3_dk Official site visit: Don't know

int_name

Interviewer name	Massachusetts 2010		Total
	Group A	Group B	
Colin Mahoney	18.61	29.73	24.26
Jorge Burgos	41.86	16.22	28.83
Kate Daniel	39.53	54.05	46.91
Total	100.00	100.00	100.00

int_office

Interviewer affiliation	Massachusetts 2010		Total
	Group A	Group B	
EPA Region 1	41.86	16.22	28.83
IEc	58.14	83.78	71.17
Total	100.00	100.00	100.00

al_owner

Respondent Role: Owner	Massachusetts 2010		Total
	Group A	Group B	
No	32.56	45.95	39.37
Yes	67.44	54.05	60.63
Total	100.00	100.00	100.00

al_mgr

Respondent Role: Manager	Massachusetts 2010		Total
	Group A	Group B	
No	65.12	54.05	59.50
Yes	34.88	45.95	40.50
Total	100.00	100.00	100.00

al_tech

Respondent Role: Technician	Massachusetts 2010		Total
	Group A	Group B	
No	69.79	86.49	78.27
Yes	30.21	13.51	21.73
Total	100.00	100.00	100.00

al_other

Respondent Role: Other	Massachusetts 2010		Total
	Group A	Group B	
No	86.04	86.49	86.27
Yes	13.96	13.51	13.73
Total	100.00	100.00	100.00

a2a_coatngs

Operations include surface coatings?	Massachusetts 2010		Total
	Group A	Group B	
Yes	100.00	100.00	100.00
Total	100.00	100.00	100.00

a2b_date

Initial constructi on of painting equipment	Massachusetts 2010		Total
	Group A	Group B	
	2.32	0.00	1.14
1960--00	0.00	2.70	1.37
1962--00	2.32	0.00	1.14
1967--00	0.00	2.70	1.37
1969--00	2.33	0.00	1.15
1970--00	4.65	2.70	3.66
1971--00	2.32	0.00	1.14
1973--00	0.00	5.41	2.75
1975--00	2.33	5.41	3.89
1977--00	0.00	2.70	1.37
1978--00	2.32	0.00	1.14
1978--11	2.32	0.00	1.14
1979--00	0.00	2.70	1.37
1980--00	0.00	2.70	1.37
1981--00	0.00	2.70	1.37
1982--00	2.32	0.00	1.14
1984--00	2.33	10.81	6.64
1984--11	0.00	2.70	1.37
1985--00	4.65	0.00	2.29
1985--10	0.00	2.70	1.37
1986--00	4.65	0.00	2.29
1987--00	2.32	2.70	2.52
1988--00	0.00	2.70	1.37

1988--05	0.00	2.70	1.37
1989--00	4.65	0.00	2.29
1990--00	2.32	2.70	2.52
1990--05	0.00	2.70	1.37
1992--00	2.32	0.00	1.14
1992--02	0.00	2.70	1.37
1993--02	2.32	0.00	1.14
1994--06	2.32	0.00	1.14
1995--00	2.32	2.70	2.52
1995--03	2.32	0.00	1.14
1997--02	2.33	0.00	1.15
1998--00	2.32	0.00	1.14
1998--08	2.32	0.00	1.14
1999--07	0.00	2.70	1.37
2000--00	0.00	5.41	2.75
2001--00	0.00	2.70	1.37
2004--00	2.32	2.70	2.52
2005--00	0.00	2.70	1.37
2006--00	2.32	0.00	1.14
Don't know	32.56	18.92	25.63
Total	100.00	100.00	100.00

a3_corp

Shop part of corporate chain?	Massachusetts 2010		Total
	Group A	Group B	
No	93.03	100.00	96.57
Yes	6.97	0.00	3.43
Total	100.00	100.00	100.00

b1_hvlp

Spray gun: HVLP	Massachusetts 2010		Total
	Group A	Group B	
No	13.94	5.41	9.60
Yes	86.06	94.59	90.40
Total	100.00	100.00	100.00

b1_electro

Spray gun: Electrostatic	Massachusetts 2010		Total
	Group A	Group B	
No	97.68	97.30	97.48
Yes	2.32	2.70	2.52
Total	100.00	100.00	100.00

b1_airless

Spray gun: Airless	Massachusetts 2010		Total
	Group A	Group B	
No	97.67	97.30	97.48
Yes	2.33	2.70	2.52

Total	100.00	100.00	100.00
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bl_airasst

Spray gun: Air assisted airless	Massachusetts 2010		Total
	Group A	Group B	
No	97.68	91.89	94.74
Yes	2.32	8.11	5.26
Total	100.00	100.00	100.00

bl_dk

Spray gun: Don't know	Massachusetts 2010		Total
	Group A	Group B	
FALSE	90.70	97.30	94.05
TRUE	9.30	2.70	5.95
Total	100.00	100.00	100.00

bl_other

Spray gun: Other	Massachusetts 2010		Total
	Group A	Group B	
No	100.00	100.00	100.00
Total	100.00	100.00	100.00

b2a_booth

Shop have spray booth?	Massachusetts 2010		Total
	Group A	Group B	
No	9.30	5.41	7.32
Yes	90.70	94.59	92.68
Total	100.00	100.00	100.00

b2a_num

Number of spray booths	Massachusetts 2010		Total
	Group A	Group B	
0	13.94	5.41	9.60
1	58.15	78.38	68.43
2	13.95	10.81	12.36
3	9.31	2.70	5.95
5	4.65	2.70	3.66
Total	100.00	100.00	100.00

b2b_allbth

All coatings applied in spray booth?	Massachusetts 2010		Total
	Group A	Group B	
	9.30	5.41	7.32
Don't Know	2.32	0.00	1.14
No	4.66	5.41	5.04
Yes	83.72	89.19	86.50
Total	100.00	100.00	100.00

b2c_when

When did shop begin using spray booth?	Massachusetts 2010		Total
	Group A	Group B	
	9.30	5.41	7.32
2-5 years ago	9.31	10.81	10.07
Don't know	6.99	0.00	3.44
Less than 2 years ago	2.32	0.00	1.14
More than 5 years ago	72.08	83.78	78.03
Total	100.00	100.00	100.00

b2d_enclsd

Spray booth enclosed?	Massachusetts 2010		Total
	Group A	Group B	
	11.62	5.41	8.46
Don't know	6.99	0.00	3.44
No	2.32	0.00	1.14
Yes	79.07	94.59	86.96
Total	100.00	100.00	100.00

b3a_fan

Spray booth ventilated ?	Massachusetts 2010		Total
	Group A	Group B	
	11.62	5.41	8.46
Don't Know	4.66	2.70	3.66
No	6.98	2.70	4.81
Yes	76.74	89.19	83.07
Total	100.00	100.00	100.00

b3b_when

When did shop begin using ventilation system?	Massachusetts 2010		Total
	Group A	Group B	
	23.26	10.81	16.93
2-5 years ago	9.30	10.81	10.07

Don't know	4.67	2.70	3.67
Less than 2 years ago	4.65	0.00	2.29
More than 5 years ago	58.13	75.68	67.05
Total	100.00	100.00	100.00

b3c_effic

Capture efficiency of exhaust?	Massachusetts 2010		Total
	Group A	Group B	
60	0.00	2.70	1.37
75	2.33	0.00	1.15
80	0.00	2.70	1.37
85	0.00	2.70	1.37
90	4.65	0.00	2.29
95	2.33	0.00	1.15
98	4.67	10.81	7.79
99	2.32	5.41	3.89
.	83.70	75.68	79.62
Total	100.00	100.00	100.00

b3d_filter

Particle filter on booth exhaust?	Massachusetts 2010		Total
	Group A	Group B	
	27.91	13.51	20.59
No	4.65	2.70	3.66
Not sure	13.95	10.81	12.36
Yes	53.49	72.97	63.39
Total	100.00	100.00	100.00

b4a_mixroom

Separate paint mixing room?	Massachusetts 2010		Total
	Group A	Group B	
	4.65	0.00	2.29
No	44.19	29.73	36.84
Yes	51.16	70.27	60.87
Total	100.00	100.00	100.00

b4b_when

When did shop begin using mixing room?	Massachusetts 2010		Total
	Group A	Group B	
	48.84	29.73	39.13
2-5 years ago	11.62	8.11	9.84
Don't know	0.00	2.70	1.37
Less than 2 years ago	2.32	0.00	1.14
More than 5 years ago	37.21	59.46	48.52

Total | 100.00 100.00 | 100.00

b4c_mixenc

Mixing room enclosed?	Massachusetts 2010		Total
	Group A	Group B	
	48.84	29.73	39.13
No	4.66	8.11	6.41
Yes	46.50	62.16	54.46
Total	100.00	100.00	100.00

b4d_mixvent

Mixing room ventilated ?	Massachusetts 2010		Total
	Group A	Group B	
	48.84	29.73	39.13
No	9.31	16.22	12.82
Yes	41.85	54.05	48.05
Total	100.00	100.00	100.00

b5a_prep

Prep station?	Massachusetts 2010		Total
	Group A	Group B	
	6.97	0.00	3.43
No	58.16	75.68	67.06
Yes	34.87	24.32	29.51
Total	100.00	100.00	100.00

b5a_numprep

Number of prep stations	Massachusetts 2010		Total
	Group A	Group B	
0	58.16	75.68	67.06
1	27.90	18.92	23.33
2	6.97	5.41	6.18
.	6.97	0.00	3.43
Total	100.00	100.00	100.00

b5b_when

When did shop begin using prep station?	Massachusetts 2010		Total
	Group A	Group B	
	67.45	75.68	71.63
2-5 years ago	11.63	2.70	7.09
Less than 2 years ago	6.97	2.70	4.80
More than 5 years ago	13.94	18.92	16.47

Total | 100.00 100.00 | 100.00

b5c_preperc

Prep station enclosed?	Massachusetts 2010		Total
	Group A	Group B	
	67.45	75.68	71.63
Don't know	0.00	2.70	1.37
No	4.65	2.70	3.66
Yes	27.90	18.92	23.33
Total	100.00	100.00	100.00

b5d_prepvnt

Prep station ventilated ?	Massachusetts 2010		Total
	Group A	Group B	
	65.13	75.68	70.49
No	6.97	0.00	3.43
Yes	27.90	24.32	26.08
Total	100.00	100.00	100.00

b6_waterbrn

Use waterborne paints?	Massachusetts 2010		Total
	Group A	Group B	
	9.30	2.70	5.95
Don't know	2.33	0.00	1.15
No	74.43	75.68	75.06
Yes	13.94	21.62	17.85
Total	100.00	100.00	100.00

b7_basecoat

Waterborne paints for basecoat?	Massachusetts 2010		Total
	Group A	Group B	
	86.06	78.38	82.15
No	2.32	5.41	3.89
Yes	11.62	16.22	13.96
Total	100.00	100.00	100.00

b7_primer

Waterborne paints for primer?	Massachusetts 2010		Total
	Group A	Group B	
	86.06	78.38	82.15
No	6.97	5.41	6.18

Yes	6.97	16.22	11.67
Total	100.00	100.00	100.00

b7_other

Waterborne paints for another use?	Massachusetts 2010		Total
	Group A	Group B	
No	86.06	78.38	82.15
Yes	11.62	18.92	15.33
Total	2.32	2.70	2.52
Total	100.00	100.00	100.00

b8_basecoat

Gallons of basecoat per week	Massachusetts 2010		Total
	Group A	Group B	
.25	2.32	5.41	3.89
.5	13.96	10.81	12.36
1	2.33	18.92	10.76
1.5	2.32	8.11	5.26
2	4.65	5.41	5.03
4	2.32	0.00	1.14
10	0.00	2.70	1.37
.	72.08	48.65	60.17
Total	100.00	100.00	100.00

b8_primer

Gallons of primer per week	Massachusetts 2010		Total
	Group A	Group B	
.05	2.33	0.00	1.15
.125	0.00	2.70	1.37
.25	11.63	16.22	13.96
.5	6.98	10.81	8.93
.75	2.32	0.00	1.14
1	6.97	10.81	8.92
2	0.00	5.41	2.75
4	0.00	2.70	1.37
10	0.00	2.70	1.37
.	69.76	48.65	59.03
Total	100.00	100.00	100.00

b8_topcoat

Gallons of topcoat per week	Massachusetts 2010		Total
	Group A	Group B	
.25	2.32	5.41	3.89
.5	6.98	8.11	7.55
1	13.95	18.92	16.48
1.25	0.00	2.70	1.37

1.5	2.33	2.70	2.52
2	2.32	8.11	5.26
2.5	2.32	2.70	2.52
3	2.32	0.00	1.14
5	0.00	2.70	1.37
.	67.44	48.65	57.89
Total	100.00	100.00	100.00

b8_total

Total gallons of coatings per week	Massachusetts 2010		Total
	Group A	Group B	
.25	2.32	0.00	1.14
.375	0.00	2.70	1.37
.875	0.00	2.70	1.37
1	4.65	5.41	5.03
1.05	2.33	0.00	1.15
1.25	2.32	2.70	2.52
1.5	4.65	2.70	3.66
1.75	0.00	2.70	1.37
2	6.98	0.00	3.43
2.5	2.32	8.11	5.26
3	6.98	2.70	4.81
3.25	0.00	2.70	1.37
3.5	4.65	2.70	3.66
4	0.00	5.41	2.75
5	4.65	5.41	5.03
5.5	2.32	2.70	2.52
6	0.00	2.70	1.37
20	0.00	2.70	1.37
.	55.81	45.95	50.80
Total	100.00	100.00	100.00

b8_jobs

Number of jobs per week	Massachusetts 2010		Total
	Group A	Group B	
1	6.97	0.00	3.43
2	6.98	2.70	4.81
3	2.32	10.81	6.64
4	6.98	2.70	4.81
5	4.66	8.11	6.41
6	4.65	2.70	3.66
8	4.65	0.00	2.29
10	2.32	2.70	2.52
15	2.32	0.00	1.14
20	0.00	2.70	1.37
60	0.00	2.70	1.37
.	58.14	64.86	61.56
Total	100.00	100.00	100.00

b10a_spryed

Spray technician s trained?	Massachusetts 2010		Total
	Group A	Group B	

	6.97	2.70	4.80
No	13.94	10.81	12.35
Not Sure	4.65	0.00	2.29
Yes (all)	62.80	75.68	69.35
Yes (some)	11.63	10.81	11.21
Total	100.00	100.00	100.00

b10b_select

Spray training: Selection of equipment?	Massachusetts 2010		Total
	Group A	Group B	
	30.21	13.51	21.73
No	25.59	18.92	22.20
Yes	44.19	67.57	56.07
Total	100.00	100.00	100.00

b10b_setup

Spray training: Setup of equipment?	Massachusetts 2010		Total
	Group A	Group B	
	30.21	13.51	21.73
No	11.63	8.11	9.84
Yes	58.16	78.38	68.43
Total	100.00	100.00	100.00

b10b_use

Spray training: Use of equipment?	Massachusetts 2010		Total
	Group A	Group B	
	30.21	13.51	21.73
No	11.63	5.41	8.47
Yes	58.16	81.08	69.81
Total	100.00	100.00	100.00

b10b_maint

Spray training: Maintenanc e of equipment?	Massachusetts 2010		Total
	Group A	Group B	
	30.21	13.51	21.73
No	16.28	10.81	13.50
Yes	53.51	75.68	64.77
Total	100.00	100.00	100.00

b10b_hands

Spray training: Hands-on?	Massachusetts 2010		Total
	Group A	Group B	
	30.21	13.51	21.73
No	9.31	18.92	14.19
Yes	60.48	67.57	64.08
Total	100.00	100.00	100.00

b10b_class

Spray training: Classroom?	Massachusetts 2010		Total
	Group A	Group B	
	30.21	13.51	21.73
No	34.90	21.62	28.15
Yes	34.89	64.86	50.12
Total	100.00	100.00	100.00

b11_regs

Heard of spray regulation s?	Massachusetts 2010		Total
	Group A	Group B	
	9.30	5.41	7.32
No	23.26	13.51	18.31
Yes	67.44	81.08	74.38
Total	100.00	100.00	100.00

b12_date

When did shop hear of spray regulation s?	Massachusetts 2010		Total
	Group A	Group B	
	32.56	18.92	25.62
1985--00	2.32	0.00	1.14
1994--00	0.00	2.70	1.37
1995--00	2.32	0.00	1.14
1998--00	0.00	2.70	1.37
2001--03	0.00	2.70	1.37
2004--00	0.00	2.70	1.37
2005--00	4.65	0.00	2.29
2006--00	2.32	0.00	1.14
2008--00	0.00	2.70	1.37
2008--11	0.00	2.70	1.37
2009--00	18.62	13.51	16.02
2009--02	0.00	2.70	1.37
2009--08	0.00	2.70	1.37
2009--09	2.32	0.00	1.14
2009--12	4.65	2.70	3.66
2010--00	2.32	2.70	2.52
2010--01	4.65	18.92	11.90
2010--02	2.33	2.70	2.52

2010--03	2.32	2.70	2.52
2010--04	2.32	0.00	1.14
Don't know	16.28	16.22	16.25
Total	100.00	100.00	100.00

b13_shopvst

Source of info on spray regs: visit	Massachusetts 2010		Total
	Group A	Group B	
	76.74	64.86	70.70
Another Body Shop	0.00	2.70	1.37
Don't Know	4.65	2.70	3.66
Other 3rd Party	0.00	2.70	1.37
Supplier/Vendor	18.61	24.32	21.51
US EPA	0.00	2.70	1.37
Total	100.00	100.00	100.00

b13_dvd

Source of info on spray regs: DVD	Massachusetts 2010		Total
	Group A	Group B	
	86.04	91.89	89.01
Don't Know	6.97	2.70	4.80
Supplier/Vendor	0.00	5.41	2.75
US EPA	6.99	0.00	3.44
Total	100.00	100.00	100.00

b13_cd

Source of info on spray regs: CD	Massachusetts 2010		Total
	Group A	Group B	
	83.70	91.89	87.86
Don't Know	9.31	2.70	5.95
Supplier/Vendor	0.00	5.41	2.75
US EPA	7.00	0.00	3.44
Total	100.00	100.00	100.00

b13_postcrd

Source of info on spray regs: Postcard	Massachusetts 2010		Total
	Group A	Group B	
	74.41	59.46	66.81
Another Body Shop	2.32	0.00	1.14
Don't Know	0.00	18.92	9.62
State	2.32	0.00	1.14
Supplier/Vendor	0.00	13.51	6.87
US EPA	20.94	8.11	14.42
Total	100.00	100.00	100.00

b13_factsht

Source of info on spray regs: Factsheet	Massachusetts 2010		Total
	Group A	Group B	
	90.69	67.57	78.94
Don't Know	4.65	10.81	7.78
Supplier/Vendor	2.32	16.22	9.38
Trade Assn	0.00	2.70	1.37
US EPA	2.33	2.70	2.52
Total	100.00	100.00	100.00

b13_workshp

Source of info on spray regs: Workshop	Massachusetts 2010		Total
	Group A	Group B	
	62.78	72.97	67.96
Another Body Shop	4.65	0.00	2.29
Don't Know	2.32	5.41	3.89
State	2.32	0.00	1.14
Supplier/Vendor	18.60	21.62	20.14
US EPA	9.32	0.00	4.58
Total	100.00	100.00	100.00

b13_website

Source of info on spray regs: Website	Massachusetts 2010		Total
	Group A	Group B	
	79.07	78.38	78.72
Don't Know	4.65	8.11	6.41
Other 3rd Party	0.00	5.41	2.75
Supplier/Vendor	2.32	2.70	2.52
US EPA	13.96	5.41	9.61
Total	100.00	100.00	100.00

b13_spc_web

Source of info on spray regs: Website -- specify	Massachusetts 2010		Total
	Group A	Group B	
	88.37	91.89	90.16
Did not remember.	2.32	0.00	1.14
EPA's website	4.66	0.00	2.29
Sherwin Williams	2.32	0.00	1.14
can't recall	0.00	2.70	1.37
manufacturer	0.00	2.70	1.37
manufacturer's	0.00	2.70	1.37
website in packet wit	2.32	0.00	1.14
Total	100.00	100.00	100.00

b13_spc_oth

Source of info on spray regs: Other -- specify	Massachusetts 2010		Total
	Group A	Group B	
	83.73	78.38	81.01
Don Kennet and EPA	0.00	2.70	1.37
Other body shops	2.32	0.00	1.14
State	2.32	0.00	1.14
Supplier	4.65	0.00	2.29
Supplier (Don Kennett	2.32	0.00	1.14
Supplier/Vendor	0.00	2.70	1.37
Trade association	0.00	10.81	5.49
US EPA	2.32	0.00	1.14
not specified	2.32	0.00	1.14
trade association	0.00	5.41	2.75
Total	100.00	100.00	100.00

c1_waste

Quantity of hazardous waste generated?	Massachusetts 2010		Total
	Group A	Group B	
0-26 Gal/Mo (VSQG or	13.94	8.11	10.98
27-270 gal/mo (SQG)	72.10	72.97	72.54
0.00	0.00	2.70	1.37
Don't Know or Waste H	13.95	16.22	15.10
Total	100.00	100.00	100.00

c2_labeled

All drums labeled?	Massachusetts 2010		Total
	Group A	Group B	
	16.27	8.11	12.12
Don't Know	11.62	5.41	8.46
No	13.96	2.70	8.24
Yes (all)	48.84	78.38	63.85
Yes (some)	9.31	5.41	7.32
Total	100.00	100.00	100.00

c3_yes

Proper hazardous waste disposal -- Yes	Massachusetts 2010		Total
	Group A	Group B	
	16.27	10.81	13.49
No	34.89	5.41	19.90
Yes	48.84	83.78	66.60
Total	100.00	100.00	100.00

c3_no

Proper hazardous waste disposal	Massachusetts 2010

-- No	Group A	Group B	Total
	16.27	10.81	13.49
No	81.40	89.19	85.36
Yes	2.33	0.00	1.15
Total	100.00	100.00	100.00

c3_dk

Proper hazardous waste disposal	Massachusetts 2010		
-- Don't know	Group A	Group B	Total
	16.27	10.81	13.49
No	58.16	86.49	72.56
Yes	25.57	2.70	13.95
Total	100.00	100.00	100.00

c3_recycle

Proper hazardous waste disposal	Massachusetts 2010		
-- Recycled	Group A	Group B	Total
	16.27	10.81	13.49
No	72.10	75.68	73.92
Yes	11.63	13.51	12.59
Total	100.00	100.00	100.00

c4_rags

Used rags stored in closed containers?	Massachusetts 2010		
	Group A	Group B	Total
	18.59	16.22	17.39
Don't know	4.65	2.70	3.66
Don't use	20.94	16.22	18.54
No	13.94	10.81	12.35
Yes	41.87	54.05	48.06
Total	100.00	100.00	100.00

c5_solvents

Treated as hazardous: Solvents?	Massachusetts 2010		
	Group A	Group B	Total
	16.27	10.81	13.49
Don't Know	2.32	0.00	1.14
Some	4.65	5.41	5.03

Yes	76.76	83.78	80.33
Total	100.00	100.00	100.00

c5_paints

Treated as hazardous: Paints?	Massachusetts 2010		Total
	Group A	Group B	
	16.27	10.81	13.49
No	4.66	0.00	2.29
Some	13.95	5.41	9.61
Yes	65.12	83.78	74.61
Total	100.00	100.00	100.00

c5_sandblst

Treated as hazardous: Sand blast debris?	Massachusetts 2010		Total
	Group A	Group B	
	16.27	10.81	13.49
Don't Know	6.98	5.41	6.18
No	11.63	8.11	9.84
Not Applicable	48.85	51.35	50.12
Some	2.32	5.41	3.89
Yes	13.94	18.92	16.47
Total	100.00	100.00	100.00

c5_usedrags

Treated as hazardous: Used rags?	Massachusetts 2010		Total
	Group A	Group B	
	16.27	10.81	13.49
Don't Know	0.00	2.70	1.37
No	13.94	8.11	10.98
Not Applicable	25.60	5.41	15.34
Some	2.32	13.51	8.01
Yes	41.86	59.46	50.81
Total	100.00	100.00	100.00

c5_filters

Treated as hazardous: Spray booth filters?	Massachusetts 2010		Total
	Group A	Group B	
	18.59	10.81	14.64
Don't Know	9.30	8.11	8.69
No	23.27	16.22	19.68
Not Applicable	6.98	0.00	3.43
Some	2.33	0.00	1.15
Yes	39.53	64.86	52.41
Total	100.00	100.00	100.00

c5_antifrze

Treated as hazardous: Antifreeze?	Massachusetts 2010		Total
	Group A	Group B	
	18.59	10.81	14.64
Don't Know	6.97	0.00	3.43
No	11.64	2.70	7.10
Not Applicable	20.93	10.81	15.79
Some	4.65	0.00	2.29
Yes	37.21	75.68	56.76
Total	100.00	100.00	100.00

c5_wasteoil

Treated as hazardous: Waste oil?	Massachusetts 2010		Total
	Group A	Group B	
	16.27	10.81	13.49
Don't Know	4.65	0.00	2.29
No	6.98	0.00	3.43
Not Applicable	27.91	21.62	24.71
Some	9.31	2.70	5.95
Yes	34.89	64.86	50.12
Total	100.00	100.00	100.00

c5_other

Treated as hazardous: Other?	Massachusetts 2010		Total
	Group A	Group B	
	65.12	37.84	51.25
Don't Know	2.32	2.70	2.52
No	0.00	2.70	1.37
Not Applicable	27.90	37.84	32.95
Yes	4.66	18.92	11.91
Total	100.00	100.00	100.00

c6_training

Employees have hazmat training?	Massachusetts 2010		Total
	Group A	Group B	
	23.25	16.22	19.68
Don't Know	4.66	2.70	3.66
No	41.86	27.03	34.32
Yes	30.23	54.05	42.34
Total	100.00	100.00	100.00

d1_ctg_manf

Compliance info: Coating manufactur ers or suppliers	Massachusetts 2010		Total
	Group A	Group B	
	16.27	10.81	13.49
No	55.81	43.24	49.43
Yes	27.92	45.95	37.08
Total	100.00	100.00	100.00

dl_corp

Compliance info: Corporate environmen tal division	Massachusetts 2010		Total
	Group A	Group B	
	16.27	10.81	13.49
No	83.73	89.19	86.51
Total	100.00	100.00	100.00

dl_educ

Compliance info: Educationa l institutio ns	Massachusetts 2010		Total
	Group A	Group B	
	16.27	10.81	13.49
No	83.73	86.49	85.13
Yes	0.00	2.70	1.37
Total	100.00	100.00	100.00

dl_consult

Compliance info: Environmen tal consultant	Massachusetts 2010		Total
	Group A	Group B	
	16.27	10.81	13.49
No	81.41	89.19	85.36
Yes	2.32	0.00	1.14
Total	100.00	100.00	100.00

dl_shops

Compliance info: Other auto body shops	Massachusetts 2010		Total
	Group A	Group B	

	16.27	10.81	13.49
No	69.79	81.08	75.53
Yes	13.94	8.11	10.98
Total	100.00	100.00	100.00

dl_localgov

Compliance info: Local government	Massachusetts 2010		
	Group A	Group B	Total
	16.27	10.81	13.49
No	67.44	89.19	78.50
Yes	16.29	0.00	8.01
Total	100.00	100.00	100.00

dl_osha

Compliance info: OSHA	Massachusetts 2010		
	Group A	Group B	Total
	16.27	10.81	13.49
No	81.40	83.78	82.61
Yes	2.33	5.41	3.89
Total	100.00	100.00	100.00

dl_state

Compliance info: State environmen tal agencies	Massachusetts 2010		
	Group A	Group B	Total
	16.27	10.81	13.49
No	81.41	83.78	82.61
Yes	2.32	5.41	3.89
Total	100.00	100.00	100.00

dl_suppliers

Compliance info: Suppliers	Massachusetts 2010		
	Group A	Group B	Total
	16.27	10.81	13.49
No	62.80	72.97	67.97
Yes	20.93	16.22	18.54
Total	100.00	100.00	100.00

dl_trade

Compliance
info: |

Trade association	Massachusetts 2010		Total
	Group A	Group B	
	16.27	10.81	13.49
No	65.13	72.97	69.12
Yes	18.60	16.22	17.39
Total	100.00	100.00	100.00

d1_epa

Compliance info: U.S. EPA	Massachusetts 2010		Total
	Group A	Group B	
	16.27	10.81	13.49
No	60.45	78.38	69.56
Yes	23.28	10.81	16.94
Total	100.00	100.00	100.00

d1_other

Compliance info: Other	Massachusetts 2010		Total
	Group A	Group B	
	16.27	10.81	13.49
No	81.41	75.68	78.49
Yes	2.32	13.51	8.01
Total	100.00	100.00	100.00

d1_dk

Compliance info: Don't know	Massachusetts 2010		Total
	Group A	Group B	
	16.27	10.81	13.49
No	81.41	83.78	82.61
Yes	2.32	5.41	3.89
Total	100.00	100.00	100.00

d2_visit

Official site visit within last six months?	Massachusetts 2010		Total
	Group A	Group B	
	16.27	10.81	13.49
Don't know	6.97	5.41	6.18
No	62.80	59.46	61.10
Yes	13.96	24.32	19.23
Total	100.00	100.00	100.00

d3_epa

Official site visit: EPA	Massachusetts 2010		Total
	Group A	Group B	
	86.04	75.68	80.77
No	13.96	21.62	17.86
Yes	0.00	2.70	1.37
Total	100.00	100.00	100.00

d3_state

Official site visit: State	Massachusetts 2010		Total
	Group A	Group B	
	86.04	75.68	80.77
No	13.96	16.22	15.11
Yes	0.00	8.11	4.12
Total	100.00	100.00	100.00

d3_local

Official site visit: Local government	Massachusetts 2010		Total
	Group A	Group B	
	86.04	75.68	80.77
No	0.00	8.11	4.12
Yes	13.96	16.22	15.11
Total	100.00	100.00	100.00

d3_osh

Official site visit: OSHA	Massachusetts 2010		Total
	Group A	Group B	
	86.04	75.68	80.77
No	11.63	21.62	16.71
Yes	2.33	2.70	2.52
Total	100.00	100.00	100.00

d3_other

Official site visit: Other	Massachusetts 2010		Total
	Group A	Group B	
	86.04	75.68	80.77
No	13.96	24.32	19.23
Total	100.00	100.00	100.00

d3_dk

Official site visit: Don't know	Massachusetts 2010		Total
	Group A	Group B	
	86.04	75.68	80.77
No	13.96	24.32	19.23
Total	100.00	100.00	100.00