

## APPENDIX B

## Selected Survey Results

The tables below provide detailed data on responses to survey questions referenced in the main text. The first set of tables shows the total number of responses to the questions, broken down by offices or locations within the EPA. The second set of tables provides cross-comparisons between two survey questions. Additional survey data and analyses are available online at <http://www.ucsusa.org/surveys>.

**Selected Responses by Office and Location**

These tables break down survey questions based on respondents' office or location within the EPA. The leftmost column lists the response options for the given question. The column labeled "EPA total" lists the total number of respondents who chose each available option. The row labeled "total" lists the number of respondents answering the question, and the total respondents from each office or location.

The breakdown into individual offices and locations for each question is not complete because of the large number of EPA offices and locations. For simplicity, we analyze only the results for offices or locations specifically mentioned in the main text. The values in the right-hand columns therefore do not add up to the value in the "EPA total" column. The one exception is the breakdown for question 39, which includes all responses to that question.

The percentages in each table are based on the total number of scientists from each office or location who answered each question.

**Cross-Comparisons of Selected Responses**

These tables compare responses to two survey questions. The two columns on the left side list the first survey question, the available responses,

and the total number of scientists who chose each option. The columns on the right side list the second survey question, the available responses, and the total number of respondents who chose each option. The row labeled "total" provides the total number of respondents on the first question, and the total number of respondents for each option on the second question. The totals for the first question will not always equal the sum of respondents for the second question because a given respondent may not have answered both questions.

**Acronyms**

NCEA	National Center for Environmental Assessment
NRMRL	National Risk Management Research Laboratory
NERL	National Exposure Research Laboratory
NHEERL	National Health and Environmental Effects Research Laboratory
ORD	Office of Research and Development
OAR	Office of Air and Radiation
Water	Office of Water
OSWER	Office of Solid Waste and Emergency Response
OPPTS	Office of Prevention, Pesticides and Toxic Substances
OAQPS	Office of Air Quality Planning and Standards (OAR)
Program Offices	Combined responses from OAR, Water, OSWER and OPPTS
Admin	Office of the Administrator
HQ	EPA Headquarters in Washington, DC
RTP	EPA facilities at Research Triangle Park, North Carolina
Cincinnati	EPA facilities at Cincinnati, Ohio

**QUESTION 5: I am allowed to publish work in peer-reviewed scientific journals regardless of whether it adheres to agency policies or positions.**

	EPA Total	ORD Labs & Centers				ORD Total	Program Offices	HQ Total	Regions Total
		NCEA	NRMRL	NERL	NHEERL				
<b>Strongly Agree</b>	132 8.4%	2 3.9%	10 12.3%	12 14.3%	33 24.3%	62 14.9%	34 6.3%	43 7.2%	28 5.1%
<b>Agree</b>	350 22.2%	18 35.3%	35 43.2%	27 32.1%	52 38.2%	148 35.5%	101 18.8%	120 20.0%	83 15.0%
<b>No Opinion</b>	464 29.4%	7 13.7%	16 19.8%	21 25.0%	25 18.4%	84 20.1%	172 32.0%	185 30.8%	191 34.5%
<b>Disagree</b>	203 12.9%	22 43.1%	12 14.8%	17 20.2%	13 9.6%	79 18.9%	65 12.1%	80 13.3%	52 9.4%
<b>Strongly Disagree</b>	88 5.6%	2 3.9%	6 7.4%	4 4.8%	5 3.7%	22 5.3%	39 7.3%	40 6.7%	24 4.3%
<b>Not Applicable</b>	341 21.6%	0 0.0%	2 2.5%	3 3.6%	8 5.9%	22 5.3%	126 23.5%	133 22.1%	176 31.8%
<b>Total</b>	1578	51	81	84	136	417	537	601	554

**QUESTION 13: Compared to five years ago, the effectiveness of my division or office has:**

	EPA Total	ORD Labs & Centers				Program Offices				Regions Total
		NCEA	NRMRL	NERL	NHEERL	OAR	Water	OSWER	OPPTS	
<b>Increased</b>	321 20.6%	9 18.0%	15 18.5%	19 22.9%	17 12.8%	32 21.8%	6 6.5%	9 13.4%	79 35.6%	108 19.6%
<b>Stayed the Same</b>	389 24.9%	8 16.0%	13 16.1%	15 18.1%	27 20.3%	44 29.9%	23 24.7%	18 26.9%	60 27.0%	148 26.8%
<b>Decreased</b>	696 44.6%	27 54.0%	47 58.0%	33 39.8%	77 57.9%	56 38.1%	41 44.1%	33 49.3%	64 28.8%	262 47.5%
<b>No Opinion</b>	155 9.9%	6 12.0%	6 7.4%	16 19.3%	12 9.0%	15 10.2%	23 24.7%	7 10.4%	19 8.6%	34 6.2%
<b>Total</b>	1561	50	81	83	133	147	93	67	222	552

**QUESTION 14: The EPA division where I work has sufficient resources to adequately perform its mission of protecting human health and the environment.**

	EPA Total	ORD Labs & Centers				Program Offices				Regions Total
		NCEA	NRML	NERL	NHEERL	OAR	Water	OSWER	OPPTS	
<b>Strongly Agree</b>	61 3.9%	2 4.0%	2 2.5%	5 6.0%	3 2.3%	8 5.5%	1 1.1%	0 0.0%	11 5.0%	16 2.9%
<b>Agree</b>	403 25.9%	25 50.0%	15 18.8%	19 22.9%	26 19.7%	33 22.6%	33 35.1%	10 14.9%	83 37.6%	122 22.1%
<b>No Opinion</b>	125 8.0%	5 10.0%	2 2.5%	9 10.8%	9 6.8%	17 11.6%	6 6.4%	6 9.0%	16 7.2%	42 7.6%
<b>Disagree</b>	675 43.3%	12 24.0%	34 42.5%	40 48.2%	66 50.0%	66 45.2%	40 42.6%	32 47.8%	76 34.4%	260 47.0%
<b>Strongly Disagree</b>	294 18.9%	6 12.0%	27 33.8%	10 12.1%	28 21.2%	22 15.1%	14 14.9%	19 28.4%	35 15.8%	113 20.4%
<b>Total</b>	1558	50	80	83	132	146	94	67	221	553

**QUESTION 15: The trend toward contracting out scientific work is harming the effectiveness of my division.**

	EPA Total	ORD Total	ORD Labs & Centers				Program Offices	HQ Total	Regions Total
			NCEA	NRML	NERL	NHEERL			
<b>Strongly Agree</b>	203 13.1%	75 18.3%	5 10.0%	24 29.6%	14 16.9%	25 18.9%	63 11.9%	61 10.4%	61 11.1%
<b>Agree</b>	371 23.9%	123 30.1%	15 30.0%	24 29.6%	27 32.5%	46 34.8%	104 19.7%	111 18.8%	131 23.9%
<b>No Opinion</b>	389 25.0%	69 16.9%	8 16.0%	13 16.1%	18 21.7%	22 16.7%	127 24.1%	146 24.8%	170 31.0%
<b>Disagree</b>	385 24.8%	92 22.5%	17 34.0%	13 16.1%	14 16.9%	26 19.7%	170 32.2%	184 31.2%	106 19.3%
<b>Strongly Disagree</b>	66 4.2%	21 5.1%	4 8.0%	5 6.2%	4 4.8%	3 2.3%	28 5.3%	34 5.8%	16 2.9%
<b>Not Applicable</b>	141 9.1%	29 7.1%	1 2.0%	2 2.5%	6 7.2%	10 7.6%	36 6.8%	53 9.0%	65 11.8%
<b>Total</b>	1555	409	50	81	83	132	528	589	549

QUESTION 16: **The recent changes and closures in the EPA library system have impaired my ability to do my job.**

	EPA Total	Regions 5, 6 & 7	All Other Regions	HQ OPPTS	HQ Total	ORD Total	Program Offices	RTP Total	Cinn. Total
<b>Strongly Agree</b>	154 9.9%	19 10.6%	34 9.1%	24 10.9%	63 10.7%	46 11.2%	44 8.3%	5 2.9%	23 22.1%
<b>Agree</b>	401 25.8%	67 37.4%	111 29.8%	46 20.9%	139 23.6%	93 22.7%	112 21.3%	30 17.1%	23 22.1%
<b>No Opinion</b>	439 28.2%	34 19.0%	113 30.3%	67 30.5%	176 29.9%	102 24.9%	170 32.3%	50 28.6%	20 19.2%
<b>Disagree</b>	462 29.7%	49 27.4%	99 26.5%	63 28.6%	163 27.7%	143 35.0%	157 29.8%	77 44.0%	31 29.8%
<b>Strongly Disagree</b>	101 6.5%	10 5.6%	16 4.3%	20 9.1%	47 8.0%	25 6.1%	44 8.3%	13 7.4%	7 6.7%
<b>Total</b>	1557	179	373	220	588	409	527	175	104

QUESTION 19: **Expert advice from independent scientific advisory committees is heeded and incorporated into regulatory decisions.**

	EPA Total	ORD Total	RTP OAQPS	Program Offices	HQ Total	Regions Total
<b>Always</b>	55 3.6%	12 3.0%	0 0.0%	30 5.8%	35 6.0%	11 2.0%
<b>Frequently</b>	560 36.5%	144 35.9%	20 34.5%	229 44.0%	250 43.0%	163 29.9%
<b>Occasionally</b>	439 28.6%	112 27.9%	25 43.1%	129 24.8%	151 25.9%	174 31.9%
<b>Seldom</b>	105 6.8%	25 6.2%	4 6.9%	30 5.8%	34 5.8%	43 7.9%
<b>Never</b>	9 0.6%	2 0.5%	0 0.0%	5 1.0%	5 0.9%	2 0.4%
<b>Don't Know</b>	368 24.0%	106 26.4%	9 15.5%	98 18.8%	107 18.4%	152 27.9%
<b>Total</b>	1536	401	58	521	582	545

QUESTION 24: **EPA policies allow scientists to speak freely to the news media about their research findings.**

	EPA Total	ORD Labs & Centers				ORD Total	Program Offices	HQ Total	Regions Total
		NCEA	NRML	NERL	NHEERL				
<b>Strongly Agree</b>	29 1.9%	0 0.0%	0 0.0%	0 0.0%	2 1.6%	8 2.0%	9 1.7%	10 1.7%	11 2.0%
<b>Agree</b>	168 10.9%	2 4.0%	6 7.7%	7 8.6%	14 10.9%	40 10.0%	48 9.2%	55 9.5%	75 13.8%
<b>No Opinion</b>	395 25.7%	7 14.0%	13 16.7%	13 16.1%	17 13.2%	60 15.0%	146 28.0%	155 26.6%	169 31.0%
<b>Disagree</b>	492 32.0%	22 44.0%	34 43.6%	31 38.3%	55 42.6%	160 39.9%	154 29.6%	181 31.1%	155 28.4%
<b>Strongly Disagree</b>	291 18.9%	17 34.0%	23 29.5%	25 30.9%	29 22.5%	107 26.7%	101 19.4%	111 19.1%	74 13.6%
<b>Unsure</b>	161 10.5%	2 4.0%	2 2.6%	5 6.2%	12 9.3%	26 6.5%	63 12.1%	70 12.0%	61 11.2%
<b>Total</b>	1536	50	78	81	129	401	521	582	545

QUESTION 31: **I have been directed to inappropriately exclude or alter technical information from an EPA scientific document.**

	EPA Total	ORD Labs & Centers				Program Offices	HQ Total	Regions Total
		NCEA	NRML	NERL	NHEERL			
<b>Frequently</b>	23 1.5%	3 6.0%	1 1.3%	0 0.0%	0 0.0%	16 3.1%	16 2.8%	2 0.4%
<b>Occasionally</b>	71 4.7%	5 10.0%	3 3.9%	4 5.1%	6 4.6%	29 5.7%	35 6.2%	18 3.4%
<b>Seldom</b>	130 8.6%	9 18.0%	8 10.4%	1 1.3%	6 4.6%	60 11.8%	63 11.1%	36 6.7%
<b>Never</b>	1119 74.2%	29 58.0%	57 74.0%	64 81.0%	106 81.5%	351 68.8%	392 68.9%	419 78.5%
<b>Not Applicable</b>	166 11.0%	4 8.0%	8 10.4%	10 12.7%	12 9.2%	54 10.6%	63 11.1%	59 11.0%
<b>Total</b>	1509	50	77	79	130	510	569	534

QUESTION 32: **Selective or incomplete use of data to justify a specific regulatory outcome.**

	EPA Total	ORD Labs & Centers				Program Offices	HQ Total	Regions Total
		NCEA	NRMRL	NERL	NHEERL			
<b>Frequently</b>	71 4.7%	2 4.0%	0 0.0%	3 3.8%	0 0.0%	40 7.9%	41 7.3%	19 3.6%
<b>Occasionally</b>	214 14.3%	8 16.0%	5 6.6%	9 11.5%	9 7.0%	86 17.0%	100 17.7%	66 12.4%
<b>Seldom</b>	247 16.5%	14 28.0%	10 13.2%	3 3.8%	8 6.2%	108 21.3%	110 19.5%	84 15.8%
<b>Never</b>	736 49.1%	17 34.0%	46 60.5%	44 56.4%	75 58.1%	213 42.0%	243 43.1%	287 53.9%
<b>Not Applicable</b>	232 15.5%	9 18.0%	15 19.7%	19 24.4%	37 28.7%	60 11.8%	70 12.4%	76 14.3%
<b>Total</b>	1500	50	76	78	129	507	564	532

QUESTION 33: **Pressure to ignore impacts of a regulation on sensitive populations.**

	EPA Total	ORD Labs & Centers				Program Offices	HQ Total	Regions Total
		NCEA	NRMRL	NERL	NHEERL			
<b>Frequently</b>	33 2.2%	3 6.0%	0 0.0%	2 2.6%	1 0.8%	14 2.8%	17 3.0%	10 1.9%
<b>Occasionally</b>	120 8.0%	5 10.0%	2 2.6%	2 2.6%	2 1.6%	49 9.6%	62 11.0%	44 8.3%
<b>Seldom</b>	158 10.5%	3 6.0%	4 5.3%	5 6.4%	3 2.3%	80 15.7%	74 13.1%	54 10.2%
<b>Never</b>	904 60.3%	30 60.0%	54 71.1%	47 60.3%	84 65.6%	277 54.4%	319 56.4%	334 62.9%
<b>Not Applicable</b>	285 19.0%	9 18.0%	16 21.1%	22 28.2%	38 29.7%	89 17.5%	94 16.6%	89 16.8%
<b>Total</b>	1500	50	76	78	128	509	566	531

QUESTION 34: **Changes or edits during review that change the meaning of scientific findings.**

	EPA Total	ORD Labs & Centers				Program Offices	HQ Total	Regions Total
		NCEA	NRMRL	NERL	NHEERL			
<b>Frequently</b>	53 3.5%	7 14.3%	1 1.3%	2 2.6%	0 0.0%	27 5.3%	37 6.6%	8 1.5%
<b>Occasionally</b>	179 12.0%	6 12.2%	5 6.6%	4 5.1%	6 4.7%	87 17.2%	93 16.5%	52 9.8%
<b>Seldom</b>	250 16.7%	12 24.5%	12 15.8%	14 17.9%	13 10.1%	109 21.5%	114 20.2%	70 13.2%
<b>Never</b>	787 52.6%	22 44.9%	48 63.2%	45 57.7%	86 66.7%	229 45.3%	260 46.1%	296 55.8%
<b>Not Applicable</b>	228 15.2%	2 4.1%	10 13.2%	13 16.7%	24 18.6%	54 10.7%	60 10.6%	104 19.6%
<b>Total</b>	1497	49	76	78	129	506	564	530

QUESTION 35: **Disappearance/unusual delay in the release of websites, press releases, reports or other science-based materials.**

	EPA Total	ORD Labs & Centers				Program Offices	HQ Total	Regions Total
		NCEA	NRMRL	NERL	NHEERL			
<b>Frequently</b>	84 5.6%	15 30.0%	2 2.6%	8 10.3%	4 3.1%	36 7.1%	45 8.0%	14 2.6%
<b>Occasionally</b>	215 14.4%	8 16.0%	11 14.5%	12 15.4%	13 10.2%	73 14.4%	85 15.1%	74 14.0%
<b>Seldom</b>	221 14.8%	7 14.0%	14 18.4%	5 6.4%	8 6.3%	94 18.6%	97 17.2%	78 14.7%
<b>Never</b>	709 47.4%	14 28.0%	40 52.6%	36 46.2%	74 57.8%	215 42.5%	240 42.6%	270 50.9%
<b>Not Applicable</b>	267 17.8%	6 12.0%	9 11.8%	17 21.8%	29 22.7%	88 17.4%	96 17.1%	94 17.7%
<b>Total</b>	1496	50	76	78	128	506	563	530

QUESTION 37: **Statements by EPA officials that misrepresent scientists' findings.**

	EPA Total	ORD Labs & Centers				Program Offices	HQ Total	Regions Total
		NCEA	NRML	NERL	NHEERL			
<b>Frequently</b>	92 6.2%	4 8.0%	4 5.2%	7 9.0%	7 5.5%	35 7.0%	38 6.8%	28 5.3%
<b>Occasionally</b>	302 20.3%	18 36.0%	14 18.2%	11 14.1%	23 18.0%	109 21.7%	128 22.8%	100 19.0%
<b>Seldom</b>	346 23.2%	15 30.0%	17 22.1%	16 20.5%	20 15.6%	115 22.9%	137 24.4%	125 23.7%
<b>Never</b>	511 34.3%	8 16.0%	33 42.9%	33 42.3%	46 35.9%	178 35.4%	183 32.6%	179 34.0%
<b>Not Applicable</b>	240 16.1%	5 10.0%	9 11.7%	11 14.1%	32 25.0%	66 13.1%	76 13.5%	95 18.0%
<b>Total</b>	1491	50	77	78	128	503	562	527

QUESTION 38: **Situations in which scientists have actively objected to, resigned from or removed themselves from a project because of pressure to change scientific findings.**

	EPA Total	ORD Labs & Centers				Program Offices	HQ Total	Regions Total
		NCEA	NRML	NERL	NHEERL			
<b>Frequently</b>	29 1.9%	5 10.0%	1 1.3%	2 2.6%	1 0.8%	10 2.0%	15 2.7%	7 1.3%
<b>Occasionally</b>	162 10.9%	5 10.0%	8 10.5%	5 6.4%	7 5.5%	67 13.3%	75 13.3%	56 10.6%
<b>Seldom</b>	231 15.5%	14 28.0%	7 9.2%	7 9.0%	7 5.5%	86 17.1%	94 16.7%	96 18.3%
<b>Never</b>	807 54.2%	18 36.0%	51 67.1%	50 64.1%	91 71.7%	259 51.5%	287 51.1%	266 50.6%
<b>Not Applicable</b>	259 17.4%	8 16.0%	9 11.8%	14 17.9%	21 16.5%	81 16.1%	91 16.2%	101 19.2%
<b>Total</b>	1488	50	76	78	127	503	562	526

**QUESTION 39: How many activities or situations like those listed above have you personally experienced during the past 5 years?**

	EPA Total	Headquarters					Office of Research & Development					
		OAR	Water	OSWER	OPPTS	Other	HQ	NCEA	NRML	NERL	NHEERL	Other
<b>0</b>	581 39.5%	32 23.5%	24 26.7%	22 34.4%	80 39.0%	21 32.3%	7 23.3%	8 16.3%	34 45.3%	39 50.6%	78 61.4%	13 44.8%
<b>1-5</b>	655 44.6%	83 61.0%	45 50.0%	32 50.0%	90 43.9%	29 44.6%	16 53.3%	29 59.2%	31 41.3%	26 33.8%	41 32.3%	14 48.3%
<b>6-10</b>	175 11.9%	14 10.3%	17 18.9%	5 7.8%	26 12.7%	14 21.5%	4 13.3%	5 10.2%	9 12.0%	9 11.7%	5 3.9%	1 3.4%
<b>11-20</b>	34 2.3%	4 2.9%	2 2.2%	4 6.3%	6 2.9%	1 1.5%	2 6.7%	2 4.1%	0 0.0%	1 1.3%	2 1.6%	0 0.0%
<b>More Than 20</b>	25 1.7%	3 2.2%	2 2.2%	1 1.6%	3 1.5%	0 0.0%	1 3.3%	5 10.2%	1 1.3%	2 2.6%	1 0.8%	1 3.4%
<b>Total</b>	1470	136	90	64	205	65	30	49	75	77	127	29

	Regional Offices									
	1	2	3	4	5	6	7	8	9	10
<b>0</b>	12 44.4%	23 48.9%	15 41.7%	19 45.2%	50 47.2%	19 55.9%	16 50.0%	15 37.5%	21 26.6%	33 41.2%
<b>1-5</b>	11 40.7%	22 46.8%	13 36.1%	19 45.2%	45 42.5%	9 26.5%	11 34.4%	17 42.5%	33 41.8%	39 48.8%
<b>6-10</b>	4 14.8%	2 4.3%	6 16.7%	3 7.1%	10 9.4%	6 17.6%	3 9.4%	5 12.5%	19 24.1%	8 10.0%
<b>11-20</b>	0 0.0%	0 0.0%	2 5.6%	0 0.0%	0 0.0%	0 0.0%	1 3.1%	2 5.0%	5 6.3%	0 0.0%
<b>More Than 20</b>	0 0.0%	0 0.0%	0 0.0%	1 2.4%	1 0.9%	0 0.0%	1 3.1%	1 2.5%	1 1.3%	0 0.0%
<b>Total</b>	27	47	36	42	106	34	32	40	79	80

Note: OAR includes OAQPS and NVFEL respondents, who are not located at EPA headquarters.

**Breakdown of Question 40 Responses According to Respondents' Length of Time Working at the EPA (Question 42)**

Question 40: If you compare the past 5 years to the 5-year period prior to it (from 5 to 10 years ago), would you say activities or situations like those listed above are occurring:		Question 42: I have been working at the EPA for:				
	Question 40 Total	Less Than One Year	1–5 Years	6–10 Years	11–15 Years	More Than 15 Years
<b>More Often than Before</b>	508 34.4%	0 0.0%	16 6.9%	78 31.3%	54 40.3%	355 42.9%
<b>About the Same as Before</b>	330 22.4%	1 4.8%	11 4.7%	46 18.5%	28 20.9%	241 29.1%
<b>Less Often than Before</b>	65 4.4%	0 0.0%	6 2.6%	16 6.4%	9 6.7%	34 4.1%
<b>Don't Know</b>	572 38.8%	20 95.2%	200 85.8%	109 43.8%	43 32.1%	197 23.8%
<b>Total Respondents</b>	1464	21	233	249	134	827

**Breakdown of Question 5 Responses According to Respondents' Length of Time Working at the EPA (Question 42)**

Question 5: I am allowed to publish work in peer-reviewed scientific journals regardless of whether it adheres to agency policies or positions.		Question 42: I have been working at the EPA for:				
	Question 40 Total	Less Than One Year	1–5 Years	6–10 Years	11–15 Years	More Than 15 Years
<b>Strongly Agree</b>	132 8.4%	4 19.1%	27 11.3%	24 9.5%	7 5.1%	60 7.2%
<b>Agree</b>	350 22.2%	5 23.8%	58 24.4%	57 22.5%	38 27.9%	178 21.4%
<b>No Opinion</b>	464 29.4%	7 33.3%	74 31.1%	69 27.3%	33 24.3%	242 29.2%
<b>Disagree</b>	203 12.9%	1 4.8%	21 8.8%	38 15.0%	25 18.4%	109 13.1%
<b>Strongly Disagree</b>	88 5.6%	0 0.0%	13 5.5%	13 5.1%	6 4.4%	52 6.3%
<b>Not Applicable</b>	341 21.6%	4 19.1%	45 18.9%	52 20.6%	27 19.9%	189 22.8%
<b>Total Respondents</b>	1578	21	238	253	136	830

**Breakdown of Question 21 Responses According to the Number of Incidents of Political Interference Experienced during the Past Five Years (Question 39)**

Question 21: Over the past few years my personal job satisfaction at the EPA has:		Question 39: How many activities or situations like those listed above have you personally experienced during the past 5 years?				
	Question 21 Total	0	1–5	6–10	11–20	More Than 20
<b>Increased</b>	328 21.3%	175 30.1%	114 17.4%	19 10.9%	4 11.8%	2 8.0%
<b>Decreased</b>	670 43.5%	152 26.2%	317 48.5%	134 76.6%	24 70.6%	19 76.0%
<b>Stayed the Same</b>	501 32.6%	233 40.1%	210 32.1%	22 12.6%	6 17.6%	2 8.0%
<b>No Opinion</b>	40 2.6%	21 3.6%	13 2.0%	0 0.0%	0 0.0%	2 8.0%
<b>Total Respondents</b>	1539	581	654	175	34	25