

London Water and Sewage
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RS1. Are you aware of the recent watermain burst - and the sinkhole and power blackout that resulted - in downtown London last week?

Proportions/Means: Columns Tested (5% risk level) - A/B - C/D/E - F/G/H/I

Overlap formulae used. * small base; ** very small base (under 30) ineligible for sig testing

	Total	GENDER		AGE			EDUCATION			
		Male	Female	18-34	35-54	55+	<HS	HS	Post Sec	Univ Grad
		A	B	C	D	E	F	G	H	I
Base: All respondents	580	195	385	96	295	189	35	114	281	150
Weighted	580	281	299	163*	232	185	78**	185*	227	89
Very aware	475 82%	230 82%	245 82%	119 73%	189 81%	167 90% CD	62 79%	156 84%	189 83%	69 77%
Somewhat aware	95 16%	42 15%	53 18%	39 24% E	42 18% E	14 8%	11 14%	29 16%	35 15%	20 22%
Not at all aware	10 2%	9 3% B	1 0	5 3%	1 1%	3 2%	5 7%	0 -	4 2%	1 1%
Summary										
Top2Box - Aware	570 98%	272 97%	299 100% A	158 97%	231 99%	181 98%	73 93%	185 100%	224 98%	89 99%

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Detailed tables

RS2. Which of the following would you consider to be the primary cause of this accident?

Proportions/Means: Columns Tested (5% risk level) - A/B - C/D/E - F/G/H/I

Overlap formulae used. * small base; ** very small base (under 30) ineligible for sig testing

	Total	GENDER		AGE			EDUCATION			
		Male	Female	18-34	35-54	55+	<HS	HS	Post Sec	Univ Grad
		A	B	C	D	E	F	G	H	I
Base: Aware of watermain burst	574	190	384	95	293	186	34	114	277	149
Weighted	570	272	299	158*	231	181	73**	185*	224	89
The pipes are old and should have been replaced long ago	473	224	249	126	193	154	61	157	178	77
	83%	82%	83%	79%	84%	85%	83%	85%	80%	87%
It was a random accident, no particular cause	43	23	20	10	21	12	2	17	15	9
	7%	8%	7%	6%	9%	7%	3%	9%	7%	10%
Recent temperature fluctuations in the weather	2	0	2	1	1	0	0	0	2	0
	0	-	1%	1%	0	-	-	-	1%	-
Lack of inspections	50	25	25	20	16	14	10	10	27	3
	9%	9%	8%	13%	7%	8%	14%	6%	12%	3%
Heavy rainfall	3	0	3	1	0	2	0	1	2	0
	0	-	1%	1%	-	1%	-	1%	1%	-

RS3_1. (The city should increase its spending on replacing old water and sewer pipes) What is the extent to which you agree with the following statements?

Proportions/Means: Columns Tested (5% risk level) - A/B - C/D/E - F/G/H/I

Overlap formulae used. * small base; ** very small base (under 30) ineligible for sig testing

	Total	GENDER		AGE			EDUCATION			
		Male	Female	18-34	35-54	55+	<HS	HS	Post Sec	Univ Grad
		A	B	C	D	E	F	G	H	I
Base: Aware of watermain burst	574	190	384	95	293	186	34	114	277	149
Weighted	570	272	299	158*	231	181	73**	185*	224	89
The city should increase its spending on replacing old water and sewer pipes										
Strongly agree	275 48%	129 48%	146 49%	55 35%	124 54% C	96 53% C	35 48%	99 53%	104 46%	37 42%
Somewhat agree	247 43%	116 43%	130 44%	83 52%	93 40%	71 39%	30 41%	62 34%	110 49% G	44 50% G
Somewhat disagree	48 8%	25 9%	22 7%	20 13%	12 5%	15 8%	7 10%	24 13% H	10 5%	6 7%
Strongly disagree	1 0	1 0	0 -	0 -	1 0	0 -	0 -	0 -	0 -	1 1%
Summary										
Top2Box - Agree	522 92%	246 90%	276 93%	138 87%	218 94%	166 92%	66 90%	161 87%	214 95% G	82 92%
Low2Box - Disagree	48 8%	26 10%	22 7%	20 13%	13 6%	15 8%	7 10%	24 13% H	10 5%	7 8%

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Detailed tables

RS3_2. (It's prudent for the city to put revenue from water bills into a dedicated reserve so that money is used only for improvements to the water system) What is the extent to which you agree with the following statements?

Proportions/Means: Columns Tested (5% risk level) - A/B - C/D/E - F/G/H/I

Overlap formulae used. * small base; ** very small base (under 30) ineligible for sig testing

	Total	GENDER		AGE			EDUCATION			
		Male	Female	18-34	35-54	55+	<HS	HS	Post Sec	Univ Grad
		A	B	C	D	E	F	G	H	I
Base: Aware of watermain burst	574	190	384	95	293	186	34	114	277	149
Weighted	570	272	299	158*	231	181	73**	185*	224	89
It's prudent for the city to put revenue from water bills into a dedicated reserve so that money is used only for improvements to the water system										
Strongly agree	330 58%	167 61%	163 54%	60 38%	142 62%	128 70%	51 70%	102 55%	129 58%	47 53%
Somewhat agree	200 35%	89 33%	111 37%	85 53%	74 32%	42 23%	20 27%	65 35%	79 35%	37 41%
Somewhat disagree	37 7%	15 5%	23 8%	13 8%	13 5%	12 6%	2 3%	17 9%	13 6%	5 6%
Strongly disagree	3 1%	1 0	2 1%	1 1%	2 1%	0 -	0 -	1 1%	2 1%	0 -
Summary										
Top2Box - Agree	530 93%	256 94%	274 92%	144 91%	216 94%	170 94%	71 97%	167 90%	208 93%	83 94%
Low2Box - Disagree	41 7%	16 6%	25 8%	14 9%	15 6%	12 6%	2 3%	18 10%	15 7%	5 6%

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RS3_3. (Maintaining and upgrading our water pipes should be one of the highest priorities for the city) What is the extent to which you agree with the following statements?

Proportions/Means: Columns Tested (5% risk level) - A/B - C/D/E - F/G/H/I

Overlap formulae used. * small base; ** very small base (under 30) ineligible for sig testing

	Total	GENDER		AGE			EDUCATION			
		Male	Female	18-34	35-54	55+	<HS	HS	Post Sec	Univ Grad
		A	B	C	D	E	F	G	H	I
Base: Aware of watermain burst	574	190	384	95	293	186	34	114	277	149
Weighted	570	272	299	158*	231	181	73**	185*	224	89
Maintaining and upgrading our water pipes should be one of the highest priorities for the city										
Strongly agree	250 44%	117 43%	132 44%	49 31%	101 44%	99 55% CD	40 55%	88 47%	90 40%	31 35%
Somewhat agree	289 51%	139 51%	149 50%	99 63% E	117 51%	73 40%	29 40%	86 47%	123 55%	50 56%
Somewhat disagree	31 5%	14 5%	17 6%	10 6%	12 5%	9 5%	4 5%	11 6%	10 4%	7 8%
Strongly disagree	1 0	1 0	0 -	0 -	1 0	0 -	0 -	0 -	0 -	1 1%
Summary										
Top2Box - Agree	538 94%	257 94%	282 94%	148 94%	218 94%	173 95%	70 95%	174 94%	214 96%	81 91%
Low2Box - Disagree	32 6%	15 6%	17 6%	10 6%	13 6%	9 5%	4 5%	11 6%	10 4%	8 9%

RS3_4. (We'll see more watermain bursts and sinkholes in the future because the pipes are in such poor condition) What is the extent to which you agree with the following statements?

Proportions/Mean: Columns Tested (5% risk level) - A/B - C/D/E - F/G/H/I
Overlap formulae used. * small base; ** very small base (under 30) ineligible for sig testing

	Total	GENDER		AGE			EDUCATION			
		Male	Female	18-34	35-54	55+	<HS	HS	Post Sec	Univ Grad
		A	B	C	D	E	F	G	H	I
Base: Aware of watermain burst	574	190	384	95	293	186	34	114	277	149
Weighted	570	272	299	158*	231	181	73**	185*	224	89
We'll see more watermain bursts and sinkholes in the future because the pipes are in such poor condition										
Strongly agree	274 48%	141 52%	133 45%	55 35%	118 51% C	101 55% C	43 59%	96 52%	102 46%	34 38%
Somewhat agree	246 43%	105 39%	141 47%	76 48%	98 43%	71 39%	28 38%	71 39%	100 45%	47 53% G
Somewhat disagree	46 8%	25 9%	21 7%	24 15% DE	13 6%	9 5%	2 3%	16 9%	20 9%	8 9%
Strongly disagree	5 1%	1 0	4 1%	2 2%	1 1%	1 1%	0 -	2 1%	2 1%	0 0
Summary										
Top2Box - Agree	520 91%	246 90%	274 92%	132 83%	216 94% C	172 95% C	71 97%	167 90%	202 90%	81 91%
Low2Box - Disagree	51 9%	26 10%	25 8%	27 17% DE	14 6%	10 5%	2 3%	18 10%	22 10%	8 9%

RS3_5. (These situations cause major disruptions for people and businesses) What is the extent to which you agree with the following statements?

Proportions/Mean: Columns Tested (5% risk level) - A/B - C/D/E - F/G/H/I
Overlap formulae used. * small base; ** very small base (under 30) ineligible for sig testing

	Total	GENDER		AGE			EDUCATION			
		Male	Female	18-34	35-54	55+	<HS	HS	Post Sec	Univ Grad
		A	B	C	D	E	F	G	H	I
Base: Aware of watermain burst	574	190	384	95	293	186	34	114	277	149
Weighted	570	272	299	158*	231	181	73**	185*	224	89
These situations cause major disruptions for people and businesses										
Strongly agree	465 81%	221 82%	243 81%	132 84%	189 82%	143 79%	57 78%	152 82%	185 83%	71 80%
Somewhat agree	92 16%	41 15%	52 17%	24 15%	36 16%	32 18%	13 18%	31 17%	32 14%	16 18%
Somewhat disagree	13 2%	10 4%	3 1%	2 1%	5 2%	6 3%	2 3%	2 1%	6 3%	2 2%
Strongly disagree	0 0	0 -	0 0	0 -	0 -	0 0	0 -	0 -	0 0	0 -
Summary										
Top2Box - Agree	557 98%	262 96%	295 99%	156 99%	226 98%	175 97%	71 97%	183 99%	217 97%	87 98%
Low2Box - Disagree	14 2%	10 4%	4 1%	2 1%	5 2%	6 3%	2 3%	2 1%	7 3%	2 2%

RS3_6. (It would have cost a lot less to replace the old pipes than it is going to cost now to fix the burst watermain and sinkhole) What is the extent to which you agree with the following statements?

Proportions/Means: Columns Tested (5% risk level) - A/B - C/D/E - F/G/H/I

Overlap formulae used. * small base; ** very small base (under 30) ineligible for sig testing

	Total	GENDER		AGE			EDUCATION			
		Male	Female	18-34	35-54	55+	<HS	HS	Post Sec	Univ Grad
		A	B	C	D	E	F	G	H	I
Base: Aware of watermain burst	574	190	384	95	293	186	34	114	277	149
Weighted	570	272	299	158*	231	181	73**	185*	224	89
It would have cost a lot less to replace the old pipes than it is going to cost now to fix the burst watermain and sinkhole										
Strongly agree	317 56%	133 49%	185 62% A	80 50%	142 61%	96 53%	39 54%	115 62% I	124 55% I	39 44%
Somewhat agree	196 34%	100 37%	96 32%	65 41%	70 30%	62 34%	24 33%	57 31%	79 35%	36 41%
Somewhat disagree	49 9%	33 12% B	15 5%	11 7%	16 7%	21 12%	7 10%	13 7%	18 8%	10 12%
Strongly disagree	8 1%	6 2%	2 1%	3 2%	3 1%	2 1%	2 3%	0 -	3 1%	3 3% G
Summary										
Top2Box - Agree	514 90%	233 86%	281 94% A	144 91%	211 92%	158 87%	64 87%	172 93%	203 91%	75 85%
Low2Box - Disagree	57 10%	39 14% B	18 6%	14 9%	19 8%	24 13%	9 13%	13 7%	21 9%	13 15%

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Detailed tables

RS3. (Top2Box - Agree Summary) What is the extent to which you agree with the following statements?

Proportions/Mean: Columns Tested (5% risk level) - A/B - C/D/E - F/G/H/I

Overlap formulae used. * small base; ** very small base (under 30) ineligible for sig testing

	Total	GENDER		AGE			EDUCATION			
		Male	Female	18-34	35-54	55+	<HS	HS	Post Sec	Univ Grad
		A	B	C	D	E	F	G	H	I
Base: Aware of watermain burst	574	190	384	95	293	186	34	114	277	149
Weighted	570	272	299	158*	231	181	73**	185*	224	89
The city should increase its spending on replacing old water and sewer pipes	522	246	276	138	218	166	66	161	214	82
	92%	90%	93%	87%	94%	92%	90%	87%	95% G	92%
It's prudent for the city to put revenue from water bills into a dedicated reserve so that money is used only for improvements to the water system - NOT spent on other programs or services	530	256	274	144	216	170	71	167	208	83
	93%	94%	92%	91%	94%	94%	97%	90%	93%	94%
Maintaining and upgrading our water pipes should be one of the highest priorities for the city	538	257	282	148	218	173	70	174	214	81
	94%	94%	94%	94%	94%	95%	95%	94%	96%	91%
We'll see more watermain bursts and sinkholes in the future because the pipes are in such poor condition	520	246	274	132	216	172	71	167	202	81
	91%	90%	92%	83%	94% C	95% C	97%	90%	90%	91%
These situations cause major disruptions for people and businesses	557	262	295	156	226	175	71	183	217	87
	98%	96%	99%	99%	98%	97%	97%	99%	97%	98%
It would have cost a lot less to replace the old pipes than it is going to cost now to fix the burst watermain and sinkhole	514	233	281	144	211	158	64	172	203	75
	90%	86%	94% A	91%	92%	87%	87%	93%	91%	85%

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Detailed tables

RS3. (Low2Box - Disagree Summary) What is the extent to which you agree with the following statements?

Proportions/Mean: Columns Tested (5% risk level) - A/B - C/D/E - F/G/H/I

Overlap formulae used. * small base; ** very small base (under 30) ineligible for sig testing

	Total	GENDER		AGE			EDUCATION			
		Male	Female	18-34	35-54	55+	<HS	HS	Post Sec	Univ Grad
		A	B	C	D	E	F	G	H	I
Base: Aware of watermain burst	574	190	384	95	293	186	34	114	277	149
Weighted	570	272	299	158*	231	181	73**	185*	224	89
The city should increase its spending on replacing old water and sewer pipes	48	26	22	20	13	15	7	24	10	7
	8%	10%	7%	13%	6%	8%	10%	13% H	5%	8%
It's prudent for the city to put revenue from water bills into a dedicated reserve so that money is used only for improvements to the water system - NOT spent on other programs or services	41	16	25	14	15	12	2	18	15	5
	7%	6%	8%	9%	6%	6%	3%	10%	7%	6%
Maintaining and upgrading our water pipes should be one of the highest priorities for the city	32	15	17	10	13	9	4	11	10	8
	6%	6%	6%	6%	6%	5%	5%	6%	4%	9%
We'll see more watermain bursts and sinkholes in the future because the pipes are in such poor condition	51	26	25	27	14	10	2	18	22	8
	9%	10%	8%	17% DE	6%	5%	3%	10%	10%	9%
These situations cause major disruptions for people and businesses	14	10	4	2	5	6	2	2	7	2
	2%	4%	1%	1%	2%	3%	3%	1%	3%	2%
It would have cost a lot less to replace the old pipes than it is going to cost now to fix the burst watermain and sinkhole	57	39	18	14	19	24	9	13	21	13
	10%	14% B	6%	9%	8%	13%	13%	7%	9%	15%

London Water and Sewage

Detailed tables

RS4. Would you be willing to pay more than you are now for water and sewer services - say another 40 cents a day - so that the system can be improved?

Proportions/Means: Columns Tested (5% risk level) - A/B - C/D/E - F/G/H/I

Overlap formulae used. * small base; ** very small base (under 30) ineligible for sig testing

	Total	GENDER		AGE			EDUCATION			
		Male	Female	18-34	35-54	55+	<HS	HS	Post Sec	Univ Grad
		A	B	C	D	E	F	G	H	I
Base: Aware of watermain burst	574	190	384	95	293	186	34	114	277	149
Weighted	570	272	299	158*	231	181	73**	185*	224	89
Yes	254 45%	134 49%	120 40%	65 41%	102 44%	87 48%	36 50%	74 40%	101 45%	43 48%
No	316 55%	138 51%	178 60%	93 59%	129 56%	94 52%	37 50%	111 60%	123 55%	46 52%

RS5. Has the recent watermain burst and sinkhole raised your awareness of the aging water system in London, or were you already aware of the situation?

Proportions/Mean: Columns Tested (5% risk level) - A/B - C/D/E - F/G/H/I
Overlap formulae used. * small base; ** very small base (under 30) ineligible for sig testing

	Total	GENDER		AGE			EDUCATION			
		Male	Female	18-34	35-54	55+	<HS	HS	Post Sec	Univ Grad
		A	B	C	D	E	F	G	H	I
Base: Aware of watermain burst	574	190	384	95	293	186	34	114	277	149
Weighted	570	272	299	158*	231	181	73**	185*	224	89
Already aware	397	227	169	88	153	155	51	118	162	65
	70%	84% B	57%	56%	66%	86% CD	70%	64%	72%	74%
This is the first time I've really heard or thought about it	174	44	129	70	78	26	22	67	62	23
	30%	16%	43% A	44% E	34% E	14%	30%	36%	28%	26%