

## Item Coding and Response Frequencies

Q1. There are a variety of ways that cities conduct the purchasing of products and services. Please indicate the extent to which you agree with the following statements related to how purchasing is conducted in your city.

Variable Name	Label	Measure Type	Values	Frequency	Percentage
pur_struc_1	The finance department conducts all purchasing	Ordinal	1-Strongly Disagree	237	39.70
			2-Disagree	240	40.20
			3-Niether Agree/Nor Disagree	42	7.04
			4- Agree	53	8.88
			5- Strongly Agree	24	4.02
			999-Don't Know	1	0.17
			Total	597	
pur_struc_2	Individual departments do all of their own purchasing	Ordinal	1-Strongly Disagree	80	13.36
			2-Disagree	145	24.21
			3-Niether Agree/Nor Disagree	56	9.35
			4- Agree	207	34.56
			5- Strongly Agree	109	18.20
			999-Don't Know	2	0.33
			Total	599	
pur_struc_3	Separate departments cooperate to make purchases	Ordinal	1-Strongly Disagree	35	5.88
			2-Disagree	87	14.62
			3-Niether Agree/Nor Disagree	100	16.81
			4- Agree	301	50.59
			5- Strongly Agree	64	10.76
			999-Don't Know	8	1.34
			Total	595	
pur_struc_4	Departments coordinate with higher level offices to make purchases (e.g., city manager's office)	Ordinal	1-Strongly Disagree	51	8.59
			2-Disagree	133	22.39
			3-Niether Agree/Nor Disagree	78	13.13
			4- Agree	269	45.29
			5- Strongly Agree	60	10.10
			999-Don't Know	3	0.51
			Total	594	
pur_struc_5	The finance department provides support for department purchasing	Ordinal	1-Strongly Disagree	34	5.63
			2-Disagree	29	4.80
			3-Niether Agree/Nor Disagree	36	5.96
			4- Agree	292	48.34
			5- Strongly Agree	211	34.93
			999-Don't Know	2	0.33
			Total	604	

Q2. To the best of your knowledge, has your city implemented the following purchasing activities?

Variable Name	Label	Measure Type	Values	Frequency	Percentage
pur_act_1	Citywide contracts to reduce purchasing costs	Categorical	0-No	113	18.46
			1-Yes	484	79.08
			999-Don't Know	15	2.45
			Total	612	
pur_act_2	An e-procurement system	Categorical	0-No	361	59.08
			1-Yes	191	31.26
			999-Don't Know	59	9.66
			Total	611	

Q2b. Please indicate whether your city has implemented the following elements in your e-procurement system [Only presented if pur\_act\_2==1 (Yes)]:

Variable Name	Label	Measure Type	Values	Frequency	Percentage
epro_ele_1	Online bid process	Categorical	0-No	56	29.63
			1-Yes	125	66.14
			999-Don't Know	8	4.23
			Total	189	
epro_ele_2	E-procurement training for purchasing officers	Categorical	0-No	36	18.95
			1-Yes	126	66.32
			999-Don't Know	28	14.74
			Total	190	
epro_ele_3	Tracking of e-procurement purchases	Categorical	0-No	33	17.46
			1-Yes	124	65.61
			999-Don't Know	32	16.93
			Total	189	
epro_ele_4	Database of environmentally friendly products and services	Categorical	0-No	103	54.50
			1-Yes	35	18.52
			999-Don't Know	51	26.98
			Total	189	

Q3. To the best of your knowledge, has your city implemented a formal policy pertaining to any of the following purchasing issues:

Variable Name	Label	Measure Type	Values	Frequency	Percentage
proc_pol_1	Minority-owned business purchasing	Categorical	0-No	362	59.44
			1-Yes	175	28.74
			999-Don't Know	72	11.82
			Total	609	
proc_pol_2	Women-owned business purchasing	Categorical	0-No	374	61.51
			1-Yes	157	25.82
			999-Don't Know	77	12.66
			Total	608	
proc_pol_3	Environmentally sustainable purchasing	Categorical	0-No	366	60.10
			1-Yes	170	27.91
			999-Don't Know	73	11.99
			Total	609	
proc_pol_4	Veteran-owned business purchasing	Categorical	0-No	448	73.81
			1-Yes	50	8.24
			999-Don't Know	109	17.96
			Total	607	
proc_pol_5	Local business purchasing	Categorical	0-No	278	45.80
			1-Yes	269	44.32
			999-Don't Know	60	9.88
			Total	607	
proc_pol_6	Small business purchasing	Categorical	0-No	432	71.17
			1-Yes	81	13.34
			999-Don't Know	94	15.49
			Total	607	

Q4. Please indicate whether the following environmental practices have been implemented or adopted throughout your city.

Variable Name	Label	Measure Type	Values	Frequency	Percentage
env_mgmt_1	Tracking of spending on environmental sustainability activities	Categorical	0-No	436	71.59
			1-Yes	94	15.44
			999-don't know	79	12.97

			Total	609	
env_mgmt_2	Setting goals and targets for environmental performance	Categorical	0-No	383	62.89
			1-Yes	157	25.78
			999-don't know	69	11.33
			Total	609	
env_mgmt_3	Environmental training for all city employees	Categorical	0-No	464	76.32
			1-Yes	91	14.97
			999-Don't Know	53	8.72
			Total	608	
env_mgmt_4	Internal audits of environmental performance	Categorical	0-No	450	73.89
			1-Yes	73	11.99
			999-Don't Know	86	14.12
			Total	609	
env_mgmt_5	Publication of an environmental / sustainability report	Categorical	0-No	415	68.26
			1-Yes	101	16.61
			999-Don't Know	92	15.13
			Total	608	
env_mgmt_6	Using an environmental management system	Categorical	0-No	469	77.27
			1-Yes	36	5.93
			999-Don't Know	102	16.80
			Total	607	

Q5. To the best of your knowledge, does your city have any of the following?

Variable Name	Label	Measure Type	Values	Frequency	Percentage
env_pol_1	Citywide environmental sustainability director	Categorical	0-No	471	77.34
			1-Yes	119	19.54
			999-Don't Know	19	3.12
			Total	609	
env_pol_2	Citywide environmental sustainability committee	Categorical	0-No	413	67.82
			1-Yes	161	26.44
			999-Don't Know	35	5.75
			Total	609	
env_pol_3	Citywide environmental sustainability policy	Categorical	0-No	369	60.69
			1-Yes	180	29.61
			999-Don't Know	59	9.70
			Total	608	

env_pol_4	Energy usage conservation policy	Categorical	0-No	314	51.82
			1-Yes	204	33.66
			999-Don't Know	88	14.52
			Total	606	
env_pol_5	Water usage conservation policy	Categorical	0-No	277	45.79
			1-Yes	254	41.98
			999-Don't Know	74	12.23
			Total	605	
env_pol_6	Green building policy	Categorical	0-No	340	56.11
			1-Yes	182	30.03
			999-Don't Know	84	13.86
			Total	606	
env_pol_7	Greenhouse gas emissions policy	Categorical	0-No	380	63.23
			1-Yes	117	19.47
			999-Don't Know	104	17.30
			Total	601	
env_pol_8	Recycling policy	Categorical	0-No	177	29.06
			1-Yes	371	60.92
			999-Don't Know	61	10.02
			Total	609	
env_pol_9	Citywide discussions about environmentally sustainable purchasing practices across units	Categorical	0-No	369	60.99
			1-Yes	161	26.61
			999-Don't Know	75	12.40
			Total	605	

Q6. Over the last five years, how important has each of the following federal or state government programs been in promoting environmental sustainability in your city?

Variable Name	Label	Measure Type	Values	Frequency	Percentage
env_promo_1	Grants	Ordinal	1-Not important	79	13.01
			2-Slightly Important	67	11.04
			3-Moderately Important	83	13.67
			4-Important	151	24.88
			5-Very important	131	21.58
			999-don't know	96	15.82
			Total	607	
env_promo_2	Technical	Ordinal	1-Not important	141	23.27

	assistance (e.g., EPA Pollution Prevention Technical Assistance)		2-Slightly Important	75	12.38
			3-Moderately Important	83	13.70
			4-Important	83	13.70
			5-Very important	43	7.10
			999-don't know	181	29.87
			Total	606	
env_promo_3	Voluntary programs (e.g., EPA Green Lights)	Ordinal	1-Not important	147	24.18
			2-Slightly Important	80	13.16
			3-Moderately Important	78	12.83
			4-Important	76	12.50
			5-Very important	32	5.26
			999-don't know	195	32.07
			Total	608	
env_promo_4	Awards/recognition programs	Ordinal	1-Not important	145	23.89
			2-Slightly Important	90	14.83
			3-Moderately Important	83	13.67
			4-Important	104	17.13
			5-Very important	33	5.44
			999-don't know	152	25.04
			Total	607	
env_promo_5	Educational programs	Ordinal	1-Not important	102	16.78
			2-Slightly Important	89	46.64
			3-Moderately Important	85	13.98
			4-Important	128	21.05
			5-Very important	49	8.06
			999-don't know	155	25.49
			Total	608	

**Q7. For each type of purchase, please indicate how much time (in weeks) is typically required between a purchasing request being made by your department and the actual approval of that request:**

Variable Name	Label	Measure Type	Obs	Min	Max	mean	SD
time_rlc	Routine, Low-Cost Purchases	Numerical	490	0	20	1.66	2.23
time_rhc	Routine, High-Cost Purchases	Numerical	578	0	55	5.57	6.22
time_nrhc	Non-Routine High-Cost Purchases w/Technical Specifications	Numerical	589	0	55	10.28	9.32

In this next set of questions, we will ask you about your departments' general purchasing policies and procedures.

We are specifically interested in policies and procedures as they relate to three types of purchases made by your department:

- 1) Routine, low-cost purchases of products/services
- 2) Routine, high-cost purchases of products/services
- 3) Non-routine, high-cost purchases that require technical specifications of products/services

Routine refers to regular, repeated purchases. Technical specifications (e.g., scope of work) are the explicit characteristics of a purchase that describe the user's product and service requirements.

Q8. For each type of purchase, identify every level of approval that is required for authorization. Check all levels that apply for each type of purchase: (Please leave blank if you don't know)

<b>Variable Name</b>	<b>Label</b>	<b>Measure Type</b>	<b>Values</b>	<b>Frequency</b>
appr_RLC_dept	Routine, low-cost, department approval	Categorical	1-Indicated	577
			Total	616
appr_RHC_dept	Routine, high-cost, department approval	Categorical	1-Indicated	422
			Total	616
appr_NRHC_dept	Non-routine, high-cost, department approval	Categorical	1-Indicated	398
			Total	616
appr_RLC_finance	Routine, low-cost, finance department approval	Categorical	1-Indicated	251
			Total	616
appr_RHC_finance	Routine, high-cost, finance department approval	Categorical	1-Indicated	456
			Total	616
appr_NRHC_finance	Non-routine, high-cost, finance department approval	Categorical	1-Indicated	425
			Total	616
appr_RLC_exec	Routine, low-cost, Mayor/manager approval	Categorical	1-Indicated	67
			Total	616
appr_RHC_exec	Routine, high-cost, Mayor/manager approval	Categorical	1-Indicated	414
			Total	616

appr_NRHC_exec	Non-routine, high-cost, Mayor/manager approval	Categorical	1-Indicated	458
			Total	616
appr_RLC_council	Routine, low-cost, city council approval	Categorical	1-Indicated	29
			Total	616
appr_RHC_council	Routine, high-cost, city council approval	Categorical	1-Indicated	333
			Total	616
appr_NRHC_council	Non-routine, high-cost, city council approval	Categorical	1-Indicated	512
			Total	616

Q9. For each type of purchase, check the box if the following is used in your department's purchasing process. (Please leave blank if you don't know)

Variable Name	Label	Measure Type	Values	Frequency
use_RLC_1	Routine, low-cost, vendor list	Categorical	1-Indicated	349
			Total	616
use_RHC_1	Routine, high-cost, vendor list	Categorical	1-Indicated	276
			Total	616
use_NRHC_1	Non-routine, high-cost, vendor list	Categorical	1-Indicated	199
			Total	616
use_RLC_2	Routine, low-cost, prior contract	Categorical	1-Indicated	397
			Total	616
use_RHC_2	Routine, high-cost, prior contract	Categorical	1-Indicated	368
			Total	616
use_NRHC_2	Non-routine, high-cost, prior contract	Categorical	1-Indicated	259
			Total	616
use_RLC_3	Routine, low-cost, bid process	Categorical	1-Indicated	128
			Total	616
use_RHC_3	Routine, high-cost, bid process	Categorical	1-Indicated	510
			Total	616
use_NRHC_3	Non-routine, high-cost, bid process	Categorical	1-Indicated	552
			Total	616
use_RLC_4	Routine, low-cost, information system searches	Categorical	1-Indicated	242
			Total	616



use_RHC_4	Routine, high-cost, information system searches	Categorical	1-Indicated	309
			Total	616
use_NRHC_4	Non-routine, high-information system searches	Categorical	1-Indicated	264
			Total	616
use_RLC_5	Routine, low-cost, environmental impact information	Categorical	1-Indicated	70
			Total	616
use_RHC_5	Routine, high-cost, environmental impact information	Categorical	1-Indicated	91
			Total	616
use_NRHC_5	Non-routine, high-cost, environmental impact information	Categorical	1-Indicated	105
			Total	616
use_RLC_6	Routine, low-cost, life cycle cost information	Categorical	1-Indicated	51
			Total	616
use_RHC_6	Routine, high-cost, life cycle cost information	Categorical	1-Indicated	185
			Total	616
use_NRHC_6	Non-routine, high-cost, life cycle cost information	Categorical	1-Indicated	228
			Total	616
use_RLC_7	Routine, low-cost, prior approval from unit officer	Categorical	1-Indicated	115
			Total	616
use_RHC_7	Routine, high-cost, prior approval from unit officer	Categorical	1-Indicated	340
			Total	616
use_NRHC_7	Non-routine, high-cost, prior approval from unit officer	Categorical	1-Indicated	341
			Total	616
use_RLC_8	Routine, low-cost, prior approval from higher unit officer	Categorical	1-Indicated	58
			Total	616
use_RHC_8	Routine, high-cost, prior approval from higher unit officer	Categorical	1-Indicated	281
			Total	616
use_NRHC_8	Non-routine, high-cost, prior approval from higher	Categorical	1-Indicated	327

	unit officer			
			Total	616
use_RLC_9	Routine, low-cost, ecolabels/certifications	Categorical	1-Indicated	30
			Total	616
use_RHC_9	Routine, high-cost, ecolabels/certifications	Categorical	1-Indicated	33
			Total	616
use_NRHC_9	Non-routine, high-cost, ecolabels/certifications	Categorical	1-Indicated	39
			Total	616
use_RLC_10	Routine, low-cost, preferred green products list	Categorical	1-Indicated	54
			Total	616
use_RHC_10	Routine, high-cost, preferred green products list	Categorical	1-Indicated	40
			Total	616
use_NRHC_10	Non-routine, high-cost, preferred green products list	Categorical	1-Indicated	39
			Total	616

Q10. Departments may use a number of different information sources when making purchases. Please indicate whether each of the following information sources is available to your department when making purchasing decisions:

Variable Name	Label	Measure Type	Values	Frequency	Percentage
purch_info_1	Information on the environmental impact of products	Categorical	0-No	300	49.59
			1-Yes	156	25.79
			999-Don't Know	149	24.63
			Total	605	
purch_info_2	Product ecolabels/certifications	Categorical	0-No	301	49.92
			1-Yes	132	21.89
			999-Don't Know	170	28.19
			Total	603	
purch_info_3	Green product/service list	Categorical	0-No	344	57.24
			1-Yes	97	16.14
			999-Don't Know	160	26.62
			Total	601	
purch_info_4	Minority business list	Categorical	0-No	317	52.57
			1-Yes	166	27.53

			999-Don't Know	120	19.90
			Total	603	
purch_info_5	Small business list	Categorical	0-No	348	57.62
			1-Yes	125	20.70
			999-Don't Know	131	21.69
			Total	604	

Q11. There are many different criteria that may be considered in the purchase of a product or service. In thinking about your department's purchasing criteria, how important is each of the following characteristics of a product or service?

Variable Name	Label	Measure Type	Values	Frequency	Percentage
purch_crit_1	Purchase price	Ordinal	1-Not important	1	0.16
			2-Slightly Important	2	0.33
			3-Moderately Important	9	1.48
			4-Important	163	26.85
			5-Very important	430	70.84
			999-Don't Know	2	0.33
			Total	607	
purch_crit_2	Execution of pre-existing contract agreements	Ordinal	1-Not important	20	3.34
			2-Slightly Important	31	5.18
			3-Moderately Important	67	11.20
			4-Important	239	39.97
			5-Very important	228	38.13
			999-Don't Know	13	2.17
			Total	598	
purch_crit_3	Performance requirement	Ordinal	1-Not important	5	0.83
			2-Slightly Important	5	0.83
			3-Moderately Important	25	4.13
			4-Important	236	38.94
			5-Very important	328	54.13
			999-Don't Know	7	1.16
			Total	606	
purch_crit_4	Buying from minority/women businesses	Ordinal	1-Not important	221	36.96
			2-Slightly Important	91	15.22
			3-Moderately Important	116	19.40
			4-Important	65	10.87
			5-Very important	32	5.35
			999-Don't Know	73	12.21
			Total	598	
purch_crit_5	Buying from	Ordinal	1-Not important	255	42.71

	veteran businesses		2-Slightly Important	87	14.57
			3-Moderately Important	102	17.09
			4-Important	36	6.03
			5-Very important	18	3.02
			999-Don't Know	99	16.58
			Total	597	
purch_crit_6	Buying from local businesses	Ordinal	1-Not important	72	11.98
			2-Slightly Important	118	19.63
			3-Moderately Important	162	26.96
			4-Important	131	21.80
			5-Very important	81	13.48
			999-Don't Know	37	6.16
			Total	601	
purch_crit_7	Greenhouse gas emissions reductions	Ordinal	1-Not important	228	37.94
			2-Slightly Important	106	17.64
			3-Moderately Important	98	16.31
			4-Important	45	7.49
			5-Very important	13	2.16
			999-Don't Know	111	18.47
			Total	601	
purch_crit_8	Environmental impact (e.g., water use, solid waste)	Ordinal	1-Not important	160	26.67
			2-Slightly Important	109	18.17
			3-Moderately Important	116	19.33
			4-Important	108	18.00
			5-Very important	32	5.33
			999-Don't Know	75	12.50
			Total	600	
purch_crit_9	Life-cycle cost of the product	Ordinal	1-Not important	57	9.48
			2-Slightly Important	72	11.98
			3-Moderately Important	116	19.30
			4-Important	207	34.44
			5-Very important	114	18.97
			999-Don't Know	35	5.82
			Total	601	
purch_crit_10	Maintaining vendor relationships	Ordinal	1-Not important	88	14.59
			2-Slightly Important	144	23.88
			3-Moderately Important	159	26.37
			4-Important	140	23.22
			5-Very important	54	8.96
			999-Don't Know	18	2.99
			Total	603	

Q12. How important are technical specifications to your department when managing the following aspects of purchases:

Variable Name	Label	Measure Type	Values	Frequency	Percentage
techspec_imp_1	Complexity of purchase	Ordinal	1-Not important	0	0.00
			2-Slightly Important	4	0.66
			3-Moderately Important	23	3.81
			4-Important	146	24.17
			5-Very important	410	67.88
			999-Don't Know	21	3.48
			Total	604	
techspec_imp_2	Uncertainty in identifying appropriate vendors	Ordinal	1-Not important	9	1.50
			2-Slightly Important	15	2.50
			3-Moderately Important	69	11.48
			4-Important	238	39.60
			5-Very important	226	37.60
			999-Don't Know	44	7.32
			Total	601	
techspec_imp_3	Higher level review processes	Ordinal	1-Not important	13	2.17
			2-Slightly Important	22	3.67
			3-Moderately Important	78	13.00
			4-Important	247	41.17
			5-Very important	205	34.17
			999-Don't Know	35	5.83
			Total	600	
techspec_imp_4	Environmental sustainability concerns	Ordinal	1-Not important	118	19.90
			2-Slightly Important	108	18.21
			3-Moderately Important	134	22.60
			4-Important	111	18.72
			5-Very important	46	7.76
			999-Don't Know	76	12.82
			Total	593	

In this section of the survey, we will ask you about environmental sustainability policies and practices within your department. There are no right or wrong answers to these items. Please answer the questions based on your perspective as a department manager.

Q13. How influential are each of the following individuals or organizations in promoting environmental sustainability practices in your department?

Variable Name	Label	Measure Type	Values	Frequency	Percentage
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env_infl_1	federal government	Ordinal	1-Not Influential	139	23.05
			2-Slightly Influential	106	17.58
			3-Moderately Influential	98	16.25
			4-Influential	136	22.55
			5-Very Influential	70	11.61
			999-Don't Know	54	8.96
			Total	603	
env_infl_2	state government	Ordinal	1-Not Influential	107	17.74
			2-Slightly Influential	97	16.09
			3-Moderately Influential	100	16.58
			4-Influential	165	27.36
			5-Very Influential	85	14.10
			999-Don't Know	49	8.13
			Total	603	
env_infl_3	Other city departments	Ordinal	1-Not Influential	118	19.57
			2-Slightly Influential	109	18.08
			3-Moderately Influential	154	25.54
			4-Influential	135	22.39
			5-Very Influential	41	6.80
			999-Don't Know	46	7.63
			Total	603	
env_infl_4	City executive (manager or mayor)	Ordinal	1-Not Influential	79	13.08
			2-Slightly Influential	69	11.42
			3-Moderately Influential	84	13.91
			4-Influential	188	31.13
			5-Very Influential	148	24.50
			999-Don't Know	36	5.96
			Total	604	
env_infl_5	City council		1-Not Influential	71	11.75
			2-Slightly Influential	63	10.43
			3-Moderately Influential	75	12.42
			4-Influential	172	28.48
			5-Very Influential	186	30.79
			999-Don't Know	37	6.13
			Total	604	
env_infl_6	City employees		1-Not Influential	97	16.06
			2-Slightly Influential	120	19.87
			3-Moderately Influential	161	26.66
			4-Influential	145	24.01
			5-Very Influential	33	5.46
			999-Don't Know	48	7.95
			Total	604	
env_infl_7	Citizens		1-Not Influential	95	15.78

			2-Slightly Influential	96	15.95
			3-Moderately Influential	154	25.58
			4-Influential	164	27.24
			5-Very Influential	46	7.64
			999-Don't Know	47	7.81
			Total	602	
env_infl_8	Vendors		1-Not Influential	176	29.19
			2-Slightly Influential	155	25.7
			3-Moderately Influential	148	24.54
			4-Influential	59	9.78
			5-Very Influential	10	1.66
			999-Don't Know	55	9.12
			Total	603	
env_infl_9	Business associations		1-Not Influential	181	30.17
			2-Slightly Influential	129	21.5
			3-Moderately Influential	148	24.67
			4-Influential	65	10.83
			5-Very Influential	8	1.33
			999-Don't Know	69	11.5
			Total	600	
env_infl_10	Environmental groups or organizations		1-Not Influential	135	22.43
			2-Slightly Influential	123	20.43
			3-Moderately Influential	137	22.76
			4-Influential	120	19.93
			5-Very Influential	21	3.49
			999-Don't Know	66	10.96
			Total	602	

Q14. To what extent do you agree with the following statements as they relate to the sustainability policy in your department?

Variable Name	Label	Measure Type	Values	Frequency	Percentage
resp_envpol_1	Top managers are responsible for the implementation of environmental sustainability policies.	Ordinal	1-Strongly Disagree	97	16.17
			2-Disagree	255	42.5
			3-Niether Agree Nor Disagree	143	23.83
			4-Agree	31	5.17
			5-Strongly Agree	27	4.5
			999-Don't Know	47	7.83
			Total	600	
resp_envpol_2	Mid-level managers are responsible for	Ordinal	1-Strongly Disagree	56	9.38
			2-Disagree	243	40.7
			3-Niether Agree	173	28.98

	the implementation of environmental sustainability policies		Nor Disagree		
			4-Agree	47	7.87
			5-Strongly Agree	34	5.7
			999-Don't Know	44	7.37
			Total	597	
resp_envpol_3	Staff employees are responsible for the implementation of environmental sustainability policies.	Ordinal	1-Strongly Disagree	41	6.87
			2-Disagree	201	33.67
			3-Niether Agree Nor Disagree	187	31.32
			4-Agree	83	13.9
			5-Strongly Agree	40	6.7
			999-Don't Know	45	7.54
			Total	597	

Q15. How important are the following concerns to your department?

Variable Name	Label	Measure Type	Values	Frequency	Percentage
concern_imp_1	Energy conservation	Ordinal	1-Not Important	25	4.15
			2-Slightly Important	51	8.46
			3-Moderately Important	87	14.43
			4-Important	252	41.79
			5-Very Important	175	29.02
			999-Don't Know	13	2.16
			Total	603	
concern_imp_2	Water conservation	Ordinal	1-Not Important	35	5.84
			2-Slightly Important	48	8.01
			3-Moderately Important	98	16.36
			4-Important	223	37.23
			5-Very Important	182	30.38
			999-Don't Know	13	2.17
			Total	599	
concern_imp_3	Solid waste reduction	Ordinal	1-Not Important	40	6.66
			2-Slightly Important	59	9.82
			3-Moderately Important	105	17.47
			4-Important	212	35.27
			5-Very Important	169	28.12
			999-Don't Know	16	2.66
			Total	601	
concern_imp_4	Greenhouse gas emissions reductions	Ordinal	1-Not Important	96	16.08
			2-Slightly Important	93	15.58
			3-Moderately Important	132	22.11
			4-Important	156	26.13
			5-Very Important	85	14.24



			999-Don't Know	35	5.86
			Total	597	
concern_imp_5	Recycling	Ordinal	1-Not Important	24	3.98
			2-Slightly Important	53	8.79
			3-Moderately Important	92	15.26
			4-Important	217	35.99
			5-Very Important	205	34.00
			999-Don't Know	12	1.99
			Total	603	
concern_imp_6	Air pollution reductions (ozone, smog)	Ordinal	1-Not Important	82	13.64
			2-Slightly Important	83	13.81
			3-Moderately Important	132	21.96
			4-Important	177	29.45
			5-Very Important	94	15.64
			999-Don't Know	33	5.49
			Total	601	

Q16. Within your department, how important are environmental sustainability concerns to the purchase of the following types of products and services?

Variable Name	Label	Measure Type	Values	Frequency	Percentage
concern_purch_1	Chemical products	Ordinal	1-Not Important	63	10.5
			2-Slightly Important	75	12.5
			3-Moderately Important	85	14.17
			4-Important	190	31.67
			5-Very Important	117	19.5
			999-Don't Know	70	11.67
			Total	600	
concern_purch_2	Road construction/maintenance services	Ordinal	1-Not Important	81	13.52
			2-Slightly Important	87	14.52
			3-Moderately Important	99	16.53
			4-Important	167	27.88
			5-Very Important	74	12.35
			999-Don't Know	91	15.19
			Total	599	
concern_purch_3	General construction services	Ordinal	1-Not Important	84	14.05
			2-Slightly Important	101	16.89
			3-Moderately Important	111	18.56
			4-Important	161	26.92

			5-Very Important	61	10.2
			999-Don't Know	80	13.38
			Total	598	
concern_purch_4	Electrical products	Ordinal	1-Not Important	80	13.4
			2-Slightly Important	90	15.08
			3-Moderately Important	113	18.93
			4-Important	162	27.14
			5-Very Important	58	9.72
			999-Don't Know	94	15.75
			Total	597	
concern_purch_5	Information technology hardware and services	Ordinal	1-Not Important	92	15.36
			2-Slightly Important	90	15.03
			3-Moderately Important	134	22.37
			4-Important	139	23.21
			5-Very Important	46	7.68
			999-Don't Know	98	16.36
			Total	599	
concern_purch_6	Professional services	Ordinal	1-Not Important	142	23.75
			2-Slightly Important	90	15.05
			3-Moderately Important	125	20.9
			4-Important	130	21.74
			5-Very Important	41	6.86
			999-Don't Know	70	11.71
			Total	598	
concern_purch_7	Transportation/fuels	Ordinal	1-Not Important	85	14.21
			2-Slightly Important	88	14.72
			3-Moderately Important	113	18.9
			4-Important	162	27.09
			5-Very Important	77	12.88
			999-Don't Know	73	12.21
			Total	598	
concern_purch_8	Wood and paper products	Ordinal	1-Not Important	83	13.9
			2-Slightly Important	104	17.42
			3-Moderately Important	130	21.78
			4-Important	152	25.46
			5-Very Important	60	10.05
			999-Don't Know	68	11.39
			Total	597	

Q17. In your view, to what extent does each of the following either constrain or facilitate your department's ability to implement environmentally sustainable purchasing?

Variable Name	Label	Measure Type	Values	Frequency	Percentage
const_facil_1	Financial	Ordinal	1-Strongly Constrains	86	14.36
			2-Constrains	173	28.88
			3-Niether Constrains Nor Facilitates	134	22.37
			4-Facilitates	86	14.36
			5-Strongly Facilitates	77	12.85
			999-Don't Know	43	7.18
			Total	599	
const_facil_2	top management	Ordinal	1-Strongly Constrains	9	1.51
			2-Constrains	33	5.53
			3-Niether Constrains Nor Facilitates	201	33.67
			4-Facilitates	212	35.51
			5-Strongly Facilitates	88	14.74
			999-Don't Know	54	9.05
			Total	597	
const_facil_3	Human resources	Ordinal	1-Strongly Constrains	31	5.18
			2-Constrains	99	16.56
			3-Niether Constrains Nor Facilitates	309	51.67
			4-Facilitates	71	11.87
			5-Strongly Facilitates	22	3.68
			999-Don't Know	66	11.04
			Total	598	
const_facil_4	Employee attitudes	Ordinal	1-Strongly Constrains	19	3.18
			2-Constrains	72	12.04
			3-Niether Constrains Nor Facilitates	247	41.3
			4-Facilitates	173	28.93
			5-Strongly Facilitates	35	5.85
			999-Don't Know	52	8.7
			Total	598	
const_facil_5	Law and regulation	Ordinal	1-Strongly Constrains	11	1.84
			2-Constrains	73	12.23
			3-Niether Constrains Nor Facilitates	171	28.64
			4-Facilitates	184	30.82
			5-Strongly Facilitates	105	17.59
			999-Don't Know	53	8.88
			Total	597	

Q18. How important or unimportant are the following considerations in your department's purchasing decisions?

<b>Variable Name</b>	<b>Label</b>	<b>Measure Type</b>	<b>Values</b>	<b>Frequency</b>	<b>Percentage</b>
decis_imp_1	Environmental sustainability of the products/services offered	Ordinal	1-Not Important	114	18.97
			2-Slightly Important	136	22.63
			3-Moderately Important	134	22.3
			4-Important	146	24.29
			5-Very Important	34	5.66
			999-Don't Know	37	6.16
			Total	601	
decis_imp_2	Disposal costs	Ordinal	1-Not Important	76	12.65
			2-Slightly Important	113	18.8
			3-Moderately Important	130	21.63
			4-Important	190	31.61
			5-Very Important	56	9.32
			999-Don't Know	36	5.99
			Total	601	
decis_imp_3	Reducing packaging waste	Ordinal	1-Not Important	160	26.67
			2-Slightly Important	139	23.17
			3-Moderately Important	134	22.33
			4-Important	103	17.17
			5-Very Important	29	4.83
			999-Don't Know	35	5.83
			Total	600	
decis_imp_4	Life-cycle cost assessment	Ordinal	1-Not Important	65	10.82
			2-Slightly Important	91	15.14
			3-Moderately Important	111	18.47
			4-Important	208	34.61
			5-Very Important	90	14.98
			999-Don't Know	36	5.99
			Total	601	
decis_imp_5	Recyclability or reuse	Ordinal	1-Not Important	84	13.98
			2-Slightly Important	120	19.97
			3-Moderately Important	151	25.12
			4-Important	163	27.12
			5-Very Important	53	8.82
			999-Don't Know	30	4.99

			Total	601	
decis_imp_6	Reducing greenhouse gas impacts	Ordinal	1-Not Important	141	23.5
			2-Slightly Important	142	23.67
			3-Moderately Important	122	20.33
			4-Important	105	17.5
			5-Very Important	37	6.17
			999-Don't Know	53	8.83
			Total	600	

Q19. In thinking about your relationships with vendors, to what extent do you disagree or agree with the following statements about procurement/purchasing in your department?

Variable Name	Label	Measure Type	Values	Frequency	Percentage
vend_1	It is easy to switch vendors in my department	Ordinal	1-Strongly Disagree	7	1.16
			2-Disagree	70	11.59
			3-Niether Agree Nor Disagree	114	18.87
			4-Agree	300	49.67
			5-Strongly Agree	103	17.05
			999-Don't Know	10	1.66
			Total	604	
vend_2	Many of my department's vendors offer environmentally friendly products and services	Ordinal	1-Strongly Disagree	13	2.16
			2-Disagree	31	5.14
			3-Niether Agree Nor Disagree	210	34.83
			4-Agree	180	29.85
			5-Strongly Agree	12	1.99
			999-Don't Know	157	26.04
			Total	603	
vend_3	Vendors closely monitor our department's procurement decisions	Ordinal	1-Strongly Disagree	22	3.66
			2-Disagree	116	19.3
			3-Niether Agree Nor Disagree	174	28.95
			4-Agree	159	26.46
			5-Strongly Agree	26	4.33
			999-Don't Know	104	17.3
			Total	601	
vend_4	Vendors often provide unreliable information about environmentally friendly products and services	Ordinal	1-Strongly Disagree	17	2.82
			2-Disagree	119	19.77
			3-Niether Agree Nor Disagree	235	39.04
			4-Agree	40	6.64
			5-Strongly Agree	6	1.00
			999-Don't Know	185	30.73
			Total	602	

vend_5	Vendors help us learn about environmentally sustainable purchasing options	Ordinal	1-Strongly Disagree	19	3.16
			2-Disagree	64	10.65
			3-Niether Agree Nor Disagree	218	36.27
			4-Agree	186	30.95
			5-Strongly Agree	12	2.00
			999-Don't Know	102	16.97
			Total	601	

Q19b. We are interested in your overall assessment of the implementation of your city's environmentally sustainability purchasing policy. (ONLY PRESENTED IF INDIVIDUALS INDICATE HAVING IMPLEMENTED A FORMAL ENVIRONMENTAL PURCHASING POLICY)

Variable Name	Label	Measure Type	Values	Frequency	Percentage
assessment	How would you assess your city's overall implementation of this policy	Ordinal	1- Very Unsuccessful	3	1.94
			2	6	3.87
			3	7	4.52
			4	6	3.87
			5	2	1.29
			6	41	26.45
			7	29	18.71
			8	23	14.84
			9	27	17.42
			10	10	6.45
			11-Very Successful	1	0.65
			Total	155	

We would now like to ask you about aspects of your department's work setting and culture.

Rules and procedures exist in every organization and have important functions such as coordinating tasks and ensuring accountability. It is possible for organizations to have too many rules and procedures or not enough rules and procedures.

20. To what extent do you disagree or agree with the following statements?

Variable Name	Label	Measure Type	Values	Frequency	Percentage
dept_rules_1	My department has too many rules and procedures	Ordinal	1-Strongly Disagree	50	8.31
			2-Disagree	249	41.36
			3-Niether Agree Nor Disagree	217	36.05
			4-Agree	69	11.46

			5-Strongly Agree	16	2.66
			999-Don't Know	1	0.17
			Total	602	
dept_rules_2	Employees in my department are constantly being checked on for rule violations	Ordinal	1-Strongly Disagree	102	17.03
			2-Disagree	269	44.91
			3-Niether Agree Nor Disagree	123	20.53
			4-Agree	77	12.85
			5-Strongly Agree	20	3.34
			999-Don't Know	8	1.34
			Total	599	

Q21. How frequently do you interact with your:

Variable Name	Label	Measure Type	Values	Frequency	Percentage
interact_1	City's executive manager (e.g., mayor or city manager)	Ordinal	1-Very Infrequently	27	4.48
			2-Infrequently	52	8.62
			3-Somewhat Frequently	65	10.78
			4-Frequently	185	30.68
			5-Very Frequently	273	45.27
			999-Don't Know	1	0.17
			Total	603	
interact_2	City's council members	Ordinal	1-Very Infrequently	65	10.78
			2-Infrequently	96	15.92
			3-Somewhat Frequently	138	22.89
			4-Frequently	196	32.5
			5-Very Frequently	107	17.74
			999-Don't Know	1	0.17
			Total	603	

Q22. To what extent do you disagree or agree with the following statements about your department?

Variable Name	Label	Measure Type	Values	Frequency	Percentage
dept_innov_1	This department has a strong commitment to innovation	Ordinal	1-Strongly Disagree	7	1.16
			2-Disagree	26	4.31
			3-Niether Agree Nor Disagree	120	19.9
			4-Agree	320	53.07
			5-Strongly Agree	125	20.73
			999-Don't Know	5	0.83
			Total	603	
dept_innov_2	We reward employees who develop innovative	Ordinal	1-Strongly Disagree	21	3.47
			2-Disagree	77	12.73
			3-Niether Agree Nor Disagree	195	32.23

	solutions		4-Agree	247	40.83
			5-Strongly Agree	59	9.75
			999-Don't Know	6	0.99
			Total	605	
dept_innov_3	This department is a dynamic and entrepreneurial place	Ordinal	1-Strongly Disagree	29	4.8
			2-Disagree	93	15.4
			3-Niether Agree Nor Disagree	222	36.75
			4-Agree	200	33.11
			5-Strongly Agree	54	8.94
			999-Don't Know	6	0.99
			Total	604	
dep_innov_4	Most employees in this department are not afraid to take risks	Ordinal	1-Strongly Disagree	29	4.8
			2-Disagree	113	18.71
			3-Niether Agree Nor Disagree	197	32.62
			4-Agree	221	36.59
			5-Strongly Agree	36	5.96
			999-Don't Know	8	1.32
			Total	604	

Q23. How would you assess your department's overall financial standing over the past five years?

Variable Name	Label	Measure Type	Values	Frequency	Percentage
financial_standing	How would you assess your department's overall financial standing over the past five years?	Ordinal	1-Very weak	11	1.82
			2-Weak	35	5.79
			3-Neither Strong nor Weak	120	19.87
			4-Strong	244	40.4
			5-Very strong	188	31.13
			999-don't know	6	0.99
			Total	604	

In this last section, we would like to find out a little bit more about you. The following questions ask a few items about yourself and your career.

Q24. What is the official title of your current position?

Variable Name	Label	Measure Type
position	position title	String



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Q25. How long have you worked for the city?

Variable Name	Label	Measure Type	Obs	Min	Max	mean	SD
tenure_1	# of years worked in city	Numerical	596	0	41	11.45	9.38

Q26. How long have you held your current position?

Variable Name	Label	Measure Type	Obs	Min	Max	mean	SD
tenure_2	# of years worked in current position	Numerical	595	0	33	6.41	6.39

Q27. How many employees do you directly supervise?

Variable Name	Label	Measure Type	Obs	Min	Max	mean	SD
n_supervise	# of employees supervised	Numerical	595	0	51	13.11	15.68

Q28. In a typical week, approximately how many hours do you spend on purchasing, procurement, or contracting activities?

Variable Name	Label	Measure Type	Obs	Min	Max	mean	SD
hours_purchasing	# hours spent on purchasing, procurement, or contracting activities in a typical week	Numerical	560	0	40	10.50	12.25

Q29. To what extent are you active in professional associations in your field?

Variable Name	Label	Measure Type	Values	Frequency	Percentage
prof_act	Extent are you active in a professional associations	Ordinal	1-Not active	54	8.99
			2-Somewhat Active	137	22.8
			3-Moderately Active	151	25.12
			4-Active	143	23.79
			5-Very Active	115	19.13
			999	1	0.17
			Total	601	

Q30. What is your highest level of educational attainment?

Variable	Label	Measure	Values	Frequency	Percentage
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Name		Type			
educ	Highest level of educational obtainment	Ordinal	1-High School	7	1.17
			2-Some College	20	3.35
			3- Two year degree	16	2.68
			4-Four year degree	236	39.53
			5- Some graduate school	66	11.06
			6-Graduate degree	252	42.21
			Total	597	

Q31. What best describes the field of study of your highest degree? (e.g., business, public administration, law, etc.)

Variable Name	Label	Measure Type
degree_field	Description of respondent's field of study	String

Q32 .What is your gender?

Variable Name	Label	Measure Type	Values	Frequency	Percentage
gender	respondents gender	Categorical	1-Female	201	34.13
			2-Male	388	65.87
			Total	589	
female	female	Categorical	0-Male	388	65.87
			1-Female	201	34.13
			Total	589	

Q33. What year were you born?

Variable Name	Label	Measure Type	Obs	Min	Max	mean	SD
age	age	Numerical	550	25	71	50.18	9.29

Q34. Are you a member of a historically underrepresented minority group?

Variable Name	Label	Measure	Values	Frequency	Percentage
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		Type			
minority	member of minority group	Categorical	1-Yes	75	12.65
			2-No	448	75.55
			3-Don't know	21	3.54
			4-Prefer not to say	49	8.26
			Total	593	
minority_dummy	self-identified member of underrepresented group	Categorical	0-No	518	87.35
			1-yes	75	12.65
			Total	593	

To conclude, we are interested in the environmental sustainability behaviors of individuals in your position. There are no right or wrong answers.

Q35. In your personal time how frequently do you:

Variable Name	Label	Measure Type	Values	Frequency	Percentage
ind_behav_1	recycle solid waste at home	Ordinal	1-Very Infrequently	26	4.33
			2-Infrequently	28	4.67
			3-Somewhat Frequently	40	6.67
			4-Frequently	111	18.5
			5-Very Frequently	389	64.83
			999-Don't Know	6	1.00
			Total	600	
ind_behav_2	conserve energy at home	Ordinal	1-Very Infrequently	0	0.00
			2-Infrequently	15	2.5
			3-Somewhat Frequently	75	12.52
			4-Frequently	203	33.89
			5-Very Frequently	303	50.58
			999-Don't Know	3	0.5
			Total	599	
ind_behav_3	conserve water at home	Ordinal	1-Very Infrequently	4	0.67
			2-Infrequently	32	5.34
			3-Somewhat Frequently	123	20.53
			4-Frequently	183	30.55
			5-Very Frequently	254	42.4
			999-Don't Know	3	0.5
			Total	599	
ind_behav_4	purchase environmentally friendly products		1-Very Infrequently	23	3.83
			2-Infrequently	88	14.64
			3-Somewhat Frequently	182	30.28
			4-Frequently	178	29.62

			5-Very Frequently	120	19.97
			999-Don't Know	10	1.66
			Total	601	
ind_behav_5	compost food waste		1-Very Infrequently	328	54.76
			2-Infrequently	108	18.03
			3-Somewhat Frequently	48	8.01
			4-Frequently	35	5.84
			5-Very Frequently	69	11.52
			999-Don't Know	11	1.84
			Total	599	
ind_behav_6	Donate either time or money to an environmental organization		1-Very Infrequently	263	43.91
			2-Infrequently	148	24.71
			3-Somewhat Frequently	82	13.69
			4-Frequently	52	8.68
			5-Very Frequently	39	6.51
			999-Don't Know	15	2.5
			Total	599	

Q36. Is there anything else that you would like to share about your city's or department's procurement activities?

Variable Name	Label	Measure Type
open_end	Other information	String

Q37. Would you be interested in learning more about sustainable purchasing or procurement from any of the following organizations? (Select all that apply) \*This is the last question of the survey. After you click on the next arrow, your responses are finalized and you will not be able to return to the survey.

Variable Name	Label	Measure Type	Values	Frequency	Percentage
select_info_1	Sustainable Purchasing Leadership Council	Categorical	0-not checked	521	84.58
			1-checked	95	15.42
			Total	616	
select_info_2	U.S. Environmental Protection Agency (EPA) -- Recommendations of	Categorical	0-not checked	533	86.53
			1-checked	83	13.47

	Specifications, Standards, and Ecolabels				
			Total	616	
select_info_3	International City/County Management Association (ICMA)	Categorical	0-not checked	461	74.84
			1-checked	155	25.16
			Total	616	
select_info_4	West Coast Climate and Materials Forum (WCCMF) -- Greenhouse Gas Purchasing Assessment Tools	Categorical	0-not checked	569	92.37
			1-checked	47	7.63
			Total	616	