



STAFF REPORT

TO: Council

FROM: Erin Hartley, Director of Corporate Services

APPROVED BY: Trudy Payne, Chief Administrative Officer

DATE: December 14, 2020

SUBJECT: 2020 Municipal Election – Summary Report

ORIGIN

Completion of the 2020 Municipal Election.

BACKGROUND

The Municipality of Shelburne decided to go with a fully electronic municipal election this year.

The election budget was set at \$20,000.

DISCUSSION

Municipal Elections were held on October 17, 2020. The advanced polling period was held October 5-17, 2020. Races were held in District 4 and 7, all other Councillors were acclaimed.

With a fully electronic election, statistics can be broken down very specifically. A full report from Intelivote, our service provider, is included. Statistics are broken down in the following categories:

- Age of Voters
- Overall Method of Voting (64.4% by internet and 35.6% by phone)
- Method of Voting by Age
- Participation (36.8% of eligible voters voted in District 4 and 54.4 % in District 7)
- Breakdown of voter sessions based on date and time.
- Breakdown of voter method based on device (computer, smart phone, tablet)
- Gender of Voters (54.22% Female and 45.58% Male)
- Breakdown of voter method and age based on gender

Overall the election ran quite smoothly. In addition to offering online and telephone voting we also had a voting kiosk in the municipal office for those who required assistance or didn't have access to a telephone or electronic device.

Approximately 30 people used the kiosk. We had a voter helpline open during regular business hours for the entire advanced polling period for support. The voter participation rate was comparable to previous elections.

From staff perspective, the electronic election system is much more efficient, cost effective and reliable in terms of immediate results and counts. There were no major concerns expressed from residents to the election staff in relation to electronic voting. It would be staff's recommendation to continue with electronic voting for future elections.

The municipal election was originally intended to be a hybrid election (paper and electronic voting) with a budget of \$30,000, but due to COVID-19 we decided to go fully electronic and the budget was set at \$20,000 for 2020-21. Our total budget spent came in at \$25,499.15 with reimbursement of CSAP costs of \$4,447.56, for a final budget of \$21,051.59; over budget by \$1,051.59.

Approximately \$10,000 of the total budget was spent on advertising. This year we increased our advertising efforts to include daily updates to radio stations and try to increase voter turnout. However, the major expense that contributed to our overage was the fact that our local newspaper was closed down due to COVID-19 and under the Municipal Elections Act newspaper ads are required to be published to meet regulation. Therefore, we had to advertise in the Halifax Herald instead of the Vanguard with a price tag of triple the cost in most cases.

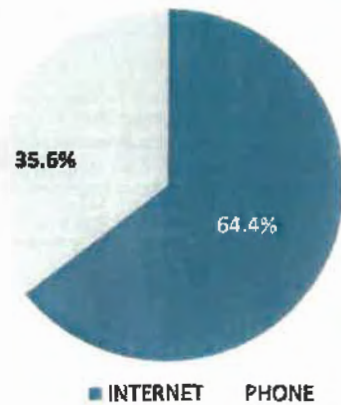
We did come in under budget for staff wages and miscellaneous costs, bringing our final total within a reasonable range of our initial budget.

ATTACHMENTS

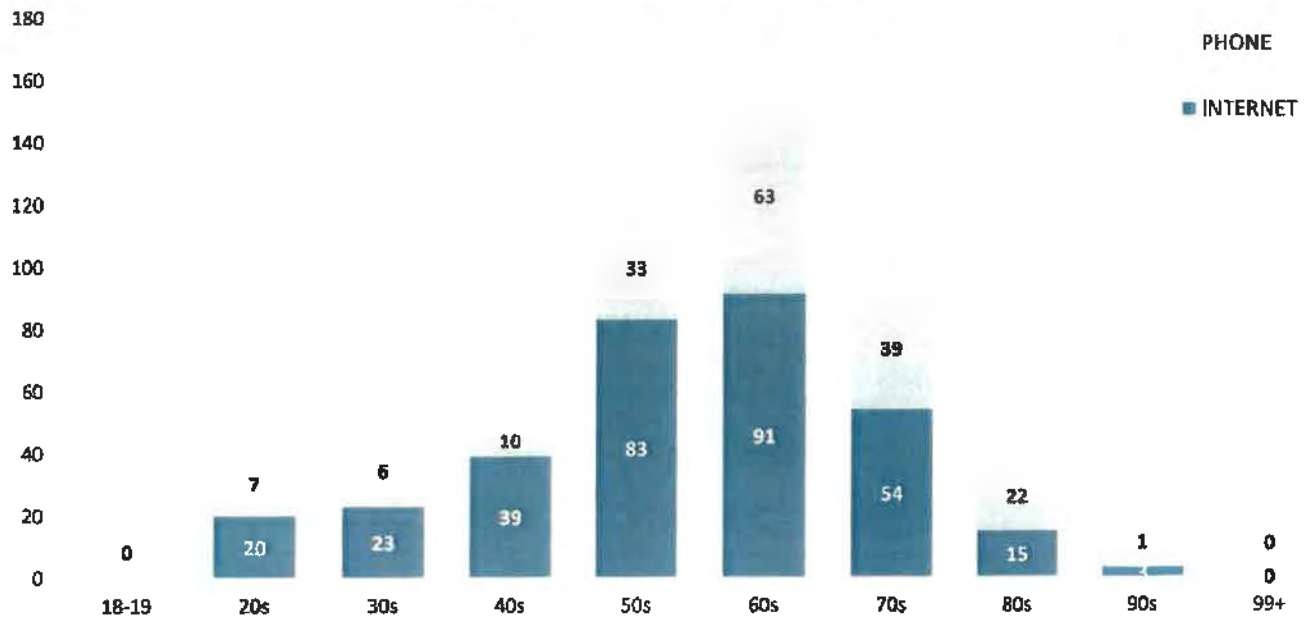
Intelivote Systems Inc. Statistics Breakdown

Information Base		Number	%
1	Number of eligible electors in system.	3,399	
2	Number of electors who cast at least one ballot.	509	
3	Participation rate.	15.0%	
4	Voters who used the Internet to vote.	328	64.4%
5	Voters who used the phone to vote.	181	35.6%
6	Average amount of time a voter spent voting using the Internet.	1:04 min	
7	Average amount of time a voter spent voting using the telephone.	1:26 min	
Location Stats			
8	Electors in other Canadian provinces that accessed the voting system, based on phone numbers and IP addresses, from outside of Atlantic Canada.	AB, BC, ON, QC	
9	Electors in the United States that accessed the voting system, based on phone numbers and IP addresses.	NJ	

Age Breakdown of Who Voted					
Age	ELIG.	VOTED	INTERNET	PHONE	% Part.
18-19	13	0	0	0	0%
20s	341	27	20	7	8%
30s	361	29	23	6	8%
40s	436	49	39	10	11%
50s	705	116	83	33	18%
60s	756	154	91	63	20%
70s	533	93	54	39	17%
80s	212	37	15	22	17%
90s	40	4	3	1	10%
99+	2	0	0	0	0%
Total	3,399	509	328	181	15.0%

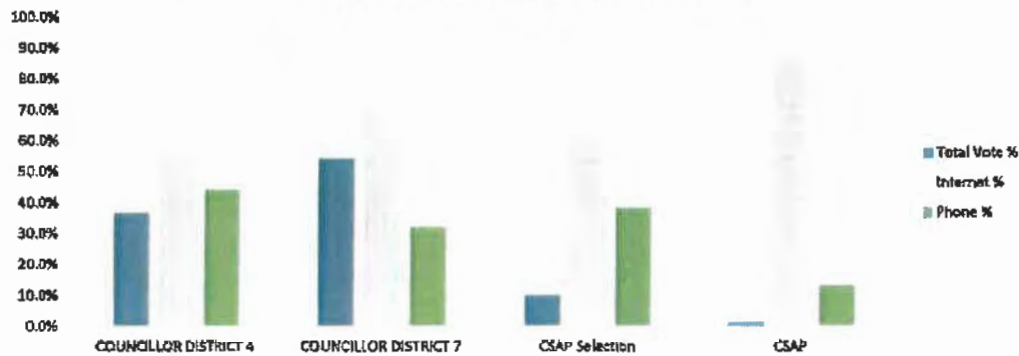
METHOD OF VOTING


METHOD OF VOTING BY AGE



	Information Base	Total Number	Participation				
			%	Internet	%	Phone	%
1	Number of eligible electors in system	3,399					
2	Number of electors who cast at least one ballot	508	15.0%	328	64.4%	181	35.6%
3	Number of electors eligible to vote for Councillor District 1 ballot.						
4	Number of eligible electors who voted for Councillor District 1 ballot. ACCLAIMED						
5	Number of electors eligible to vote for Councillor District 2 ballot.						
6	Number of eligible electors who voted for Councillor District 2 ballot. ACCLAIMED						
7	Number of electors eligible to vote for Councillor District 3 ballot.						
8	Number of eligible electors who voted for Councillor District 3 ballot. ACCLAIMED						
9	Number of electors eligible to vote for Councillor District 4 ballot.	532					
10	Number of eligible electors who voted for Councillor District 4 ballot	196	36.8%	109	55.6%	87	44.4%
11	Number of electors eligible to vote for Councillor District 5 ballot.						
12	Number of eligible electors who voted for Councillor District 5 ballot. ACCLAIMED						
13	Number of electors eligible to vote for Councillor District 6 ballot.						
14	Number of eligible electors who voted for Councillor District 6 ballot. ACCLAIMED						
15	Number of electors eligible to vote for Councillor District 7 ballot.	472					
16	Number of eligible electors who voted for Councillor District 7 ballot.	257	54.4%	174	67.7%	83	32.3%
17	Number of electors eligible to vote for CSAP Selection Ballot	3,399					
18	Number of eligible electors who voted for CSAP Selection Ballot	347	10.2%	214	61.7%	133	38.3%
19	Number of electors eligible to vote for CSAP	3,399					
20	Number of eligible electors who voted for CSAP	52	1.5%	45	88.5%	7	13.5%

ELECTION PARTICIPATION STATISTICS

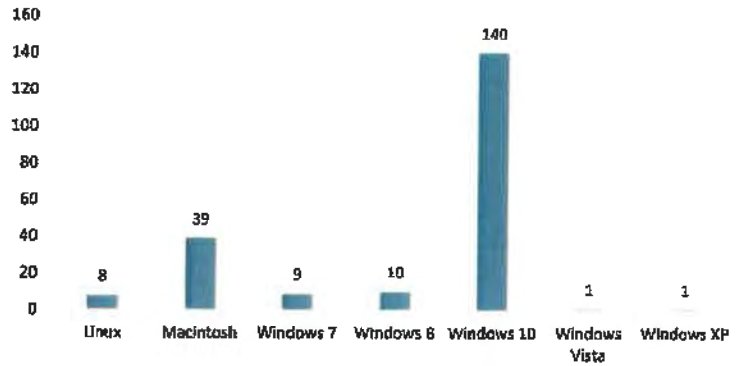


Date & Time	5-Oct	6-Oct	7-Oct	8-Oct	9-Oct	10-Oct	11-Oct	12-Oct	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct	Grand Total	%/Hr.
12:00 AM	0	0	0	0	2	0	0	0	0	0	0	0	0	2	0.4%
1:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
2:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
3:00 AM	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.2%
4:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
5:00 AM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0%
6:00 AM	0	0	0	0	0	0	0	0	0	1	0	0	1	2	0.4%
7:00 AM	0	1	2	2	2	0	0	2	0	2	0	3	1	15	2.9%
8:00 AM	0	2	7	2	1	1	0	0	2	0	1	0	0	16	3.1%
9:00 AM	1	2	4	3	1	1	3	0	3	3	7	3	6	37	7.3%
10:00 AM	4	2	3	2	1	0	1	3	8	8	4	4	6	46	9.0%
11:00 AM	8	4	4	4	3	0	0	1	5	2	3	1	10	45	8.8%
12:00 PM	3	1	3	1	2	1	1	0	3	2	8	5	14	44	8.6%
1:00 PM	1	2	1	2	3	0	2	4	8	3	7	1	5	39	7.7%
2:00 PM	0	0	1	0	1	0	1	2	4	4	3	8	16	40	7.9%
3:00 PM	4	6	3	4	0	0	0	2	0	4	0	2	12	37	7.3%
4:00 PM	3	3	5	0	3	1	2	1	0	3	4	3	8	36	7.1%
5:00 PM	6	1	0	0	0	0	0	0	0	2	5	0	9	23	4.5%
6:00 PM	3	2	3	1	0	3	0	6	3	1	7	6	12	47	9.2%
7:00 PM	0	1	6	2	2	1	2	3	3	1	3	2		26	5.1%
8:00 PM	1	4	0	3	2	0	2	2	5	1	3	2		25	4.9%
9:00 PM	1	2	2	1	0	0	0	1	1	0	6	6		20	3.9%
10:00 PM	1	0	2	0	0	0	0	0	0	0	0	0		3	0.6%
11:00 PM	0	0	1	0	0	0	3	0	0	0	0	1		5	1.0%
Grand Total	36	33	47	27	23	8	17	27	45	38	61	47	100	509	
%/Day	7%	6%	9%	5.3%	4.5%	1.6%	3.3%	5.3%	8.8%	7.5%	12.0%	9.2%	19.6%		

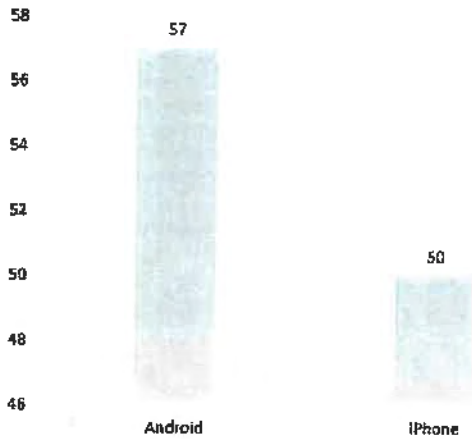
Device	Operating System	Voter Sessions	%
Computer	Linux	8	59.4%
	Macintosh	39	
	Windows 7	9	
	Windows 8	10	
	Windows 10	140	
	Windows Vista	1	
	Windows XP	1	
Smart Phone	Android	57	40.6%
	iPhone	50	
Tablet	iPad	35	
Total		350	

**Sessions" do not necessarily equal votes

Internet Voter Sessions by Computer



Internet Voter Sessions by Smart Phone



Internet Voter Sessions by Tablet

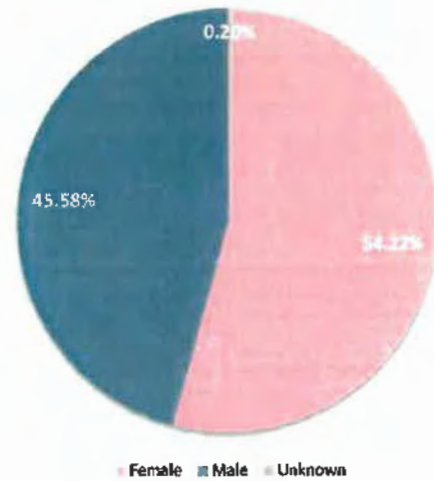


Age Breakdown of Who Voted							
Age		ELIG.	VOTED	INTERNET	PHONE	% Part.	Total Part.
18-19	F	2	0	0	0	0.0%	0%
	M	7	0	0	0	0.0%	
	UK	4	0	0	0	0.0%	
20s	F	137	15	12	3	10.9%	8%
	M	186	12	8	4	6.5%	
	UK	18	0	0	0	0.0%	
30s	F	180	17	13	4	9.4%	8%
	M	180	12	10	2	6.7%	
	UK	1	0	0	0	0.0%	
40s	F	207	28	22	6	13.5%	11%
	M	229	21	17	4	9.2%	
	UK	0	0	0	0	0.0%	
50s	F	348	64	47	17	18.3%	16%
	M	359	52	36	16	14.6%	
	UK	0	0	0	0	0.0%	
60s	F	375	79	48	33	21.1%	20%
	M	378	75	45	30	19.8%	
	UK	2	0	0	0	0.0%	
70s	F	277	51	33	18	18.4%	17%
	M	254	41	20	21	16.1%	
	UK	2	1	1	0	50.0%	
80s	F	124	20	7	13	16.1%	17%
	M	87	17	8	9	19.5%	
	UK	1	0	0	0	0.0%	
90s	F	32	2	1	1	6.3%	10%
	M	8	2	2	0	25.0%	
	UK	0	0	0	0	0.0%	
99+	F	1	0	0	0	0.0%	0%
	M	1	0	0	0	0.0%	
	UK	0	0	0	0	0.0%	
Total		3,399	509	328	181	15.0%	

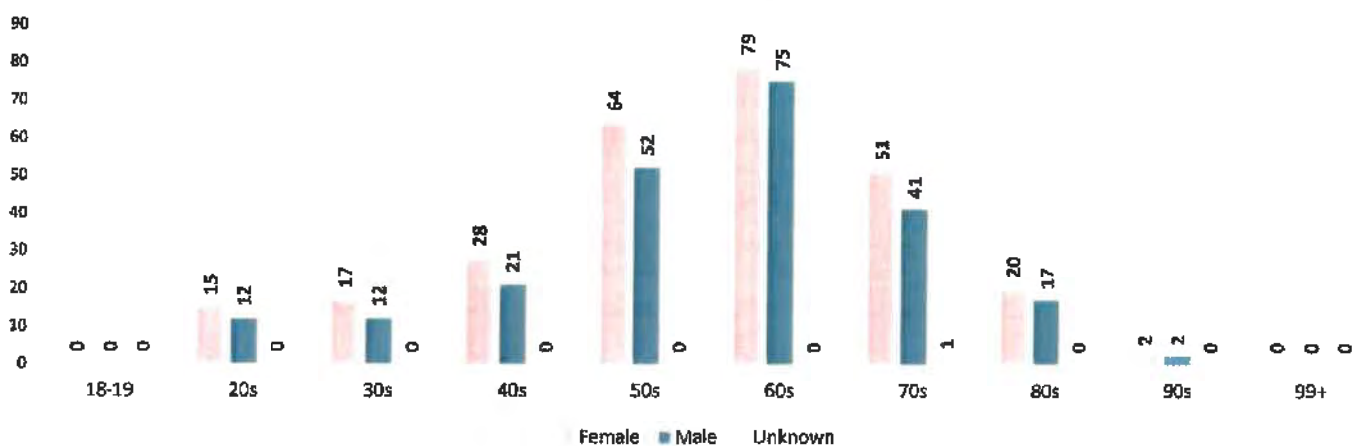
Gender	Total Eligible	Total Voted	Participation
Female	1,684	276	16.4%
Male	1,687	232	13.8%
Unknown	28	1	3.6%
Total	3,399	509	15.0%

Gender	INTERNET	PHONE
F	181	95
M	146	86
UK	1	0

Participated Voters by Gender



Participated Voters by Age and Gender



PARTICIPATED VOTERS' METHOD CHOICE

