

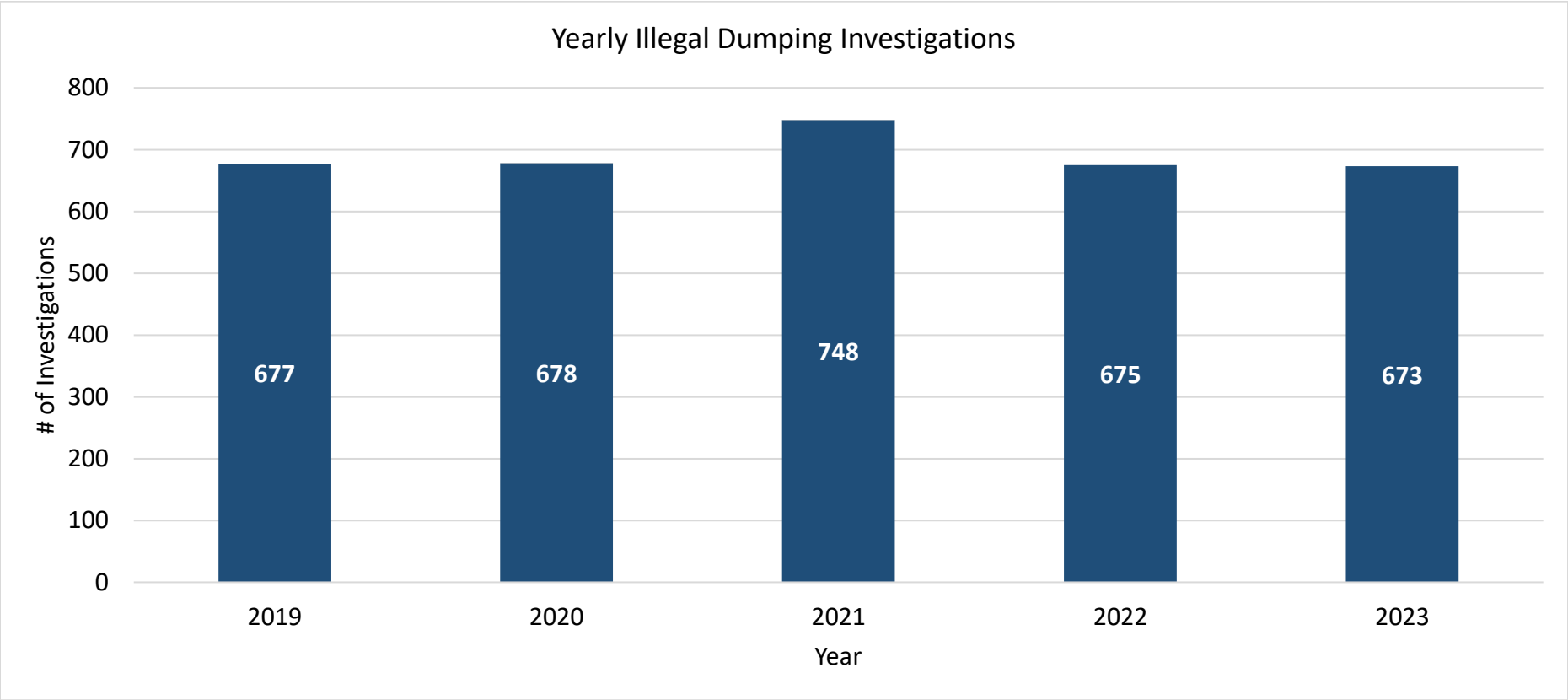
**Appendix 1 – Illegal Dumping Statistics**

Figure 1: 2023 Illegal Dumping Reports/Incidents by month and municipality

<b>Municipality</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>	<b>Sept</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Total</b>
Fort Erie	3	2	2	8	4	1	1	2	0	4	17	1	<b>45</b>
Grimsby	1	1	0	0	1	1	0	0	5	0	6	0	<b>15</b>
Lincoln	2	0	2	1	2	1	3	2	2	0	2	2	<b>19</b>
Niagara-on-the-lake	1	1	1	1	3	1	6	0	2	1	3	4	<b>24</b>
Niagara Falls	12	11	10	12	18	20	15	9	10	21	28	9	<b>175</b>
Pelham	2	2	1	3	2	4	1	0	1	2	3	0	<b>21</b>
Port Colborne	3	1	0	0	1	3	1	5	2	9	4	1	<b>30</b>
St. Catharines	7	7	15	9	24	9	18	23	8	16	69	17	<b>222</b>
Thorold	3	5	2	2	8	5	4	3	4	4	4	3	<b>47</b>
Wainfleet	0	0	0	1	1	0	0	0	0	0	1	0	<b>3</b>
Welland	6	5	7	0	5	3	7	2	6	5	4	5	<b>55</b>
West Lincoln	2	0	0	1	1	2	3	1	1	4	2	0	<b>17</b>
<b>Total</b>	<b>42</b>	<b>35</b>	<b>40</b>	<b>38</b>	<b>70</b>	<b>50</b>	<b>59</b>	<b>47</b>	<b>41</b>	<b>66</b>	<b>143</b>	<b>42</b>	<b>673</b>

\* St. Catharines illegal dumping records show a high percentage of illegal dumping compared to other local area municipalities primarily due to the number of illegal dumps that occur in and around public litter bins. St. Catharines has approximately 1100 litter bins, which is significantly higher than any other local area municipality.

Figure 2: Graph depicting the number of illegal dumps per year for the last five (5) years in all municipalities.



Over the past five (5) years the number of reports/incidents of illegal dumping has ranged from a high of 748 in 2019 to a low of 673 in 2023. The average over the five (5) years was 690 reports/incidents per year. The total number of reports/incidents has been relatively stable, with only a 10.5% change from min and max values. The 2023 data shows a 0.3% decrease in reports/incidents over the previous year. While illegal dumping data is highly valuable for staff to identify trends, hot spots and focus proactive monitoring, it is impacted by staffing resources. When proactive monitoring occurs, specifically for litter bins, there is an increase in the number of reports/incidents in the recorded data. The effects of monitoring can be seen in the November 2023 column of Figure 1, the total reports/incidents recorded in November had a 117% increase when compared to October 2023. This change in recorded reports/incidents is a result of the litter bin blitz, where intern staff were proactively inspecting bins for illegal dumping.

Figure 3: Year over year litter bin blitz comparison for 2020-2023.

Year	Litter Bins Inspected	# of bins with illegal dumping	% of bins with illegal dumping	#of garbage bags collected	Warning letters issued	Tickets issued (S.37.2)
2020	457	73	16%	111	16	0
2021	393	38	10%	54	6	0
2022	717	93	13%	115	15	2
2023	457	78	17%	112	13	9