



FLOYD COUNTY BOARD OF EDUCATION  
Danny Adkins, Superintendent  
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Eastern, KY 41622  
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www.floyd.kyschools.us

Sherry Robinson- Chair - District 5  
William Newsome, Jr., Vice-Chair - District 3  
Linda C. Gearheart, Member - District 1  
Dr. Chandra Varia, Member- District 2  
Rhonda Meade, Member - District 4

**Date:** July 15, 2020

**Consent Agenda Item (Action Item):** Receive Utility Report for Duff Allen Central Elementary.

**Applicable State or Regulations:** BOE Policy 05.23 School Facilities Energy Management

**Budget/Financial Issues:**

2017/2018 SY (July 17-June 18) \$141,347  
2018/2019 SY (July 18-June 19) \$144,957

**Background and Rationale:** Board received utility report for Prestonsburg High school on June 22, 2020.

**Recommended Action:** To accept report as presented.

**Contact Person(s):**

Linda Hackworth  
Facility Support Coordinator  
(606) 874-2435

  
Facility Support Coord.

  
Superintendent

# Utility Report

## July 27, 2020



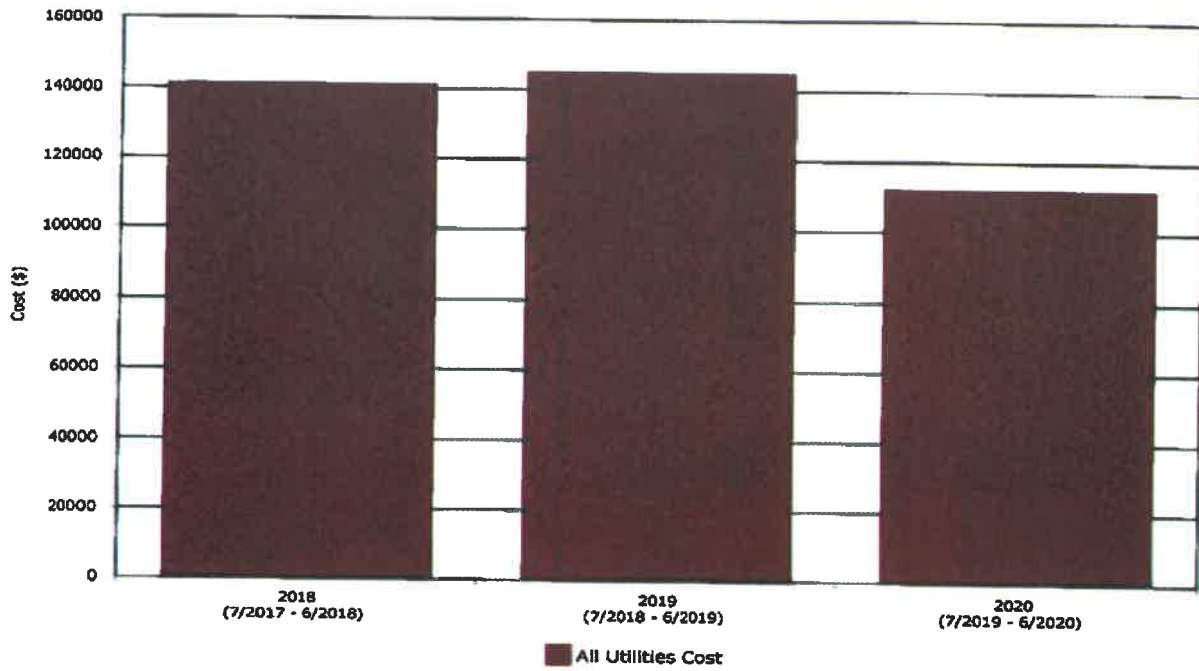
# Duff Allen Central Elementary

## 2017-2018 / 2018-2019

### School Year



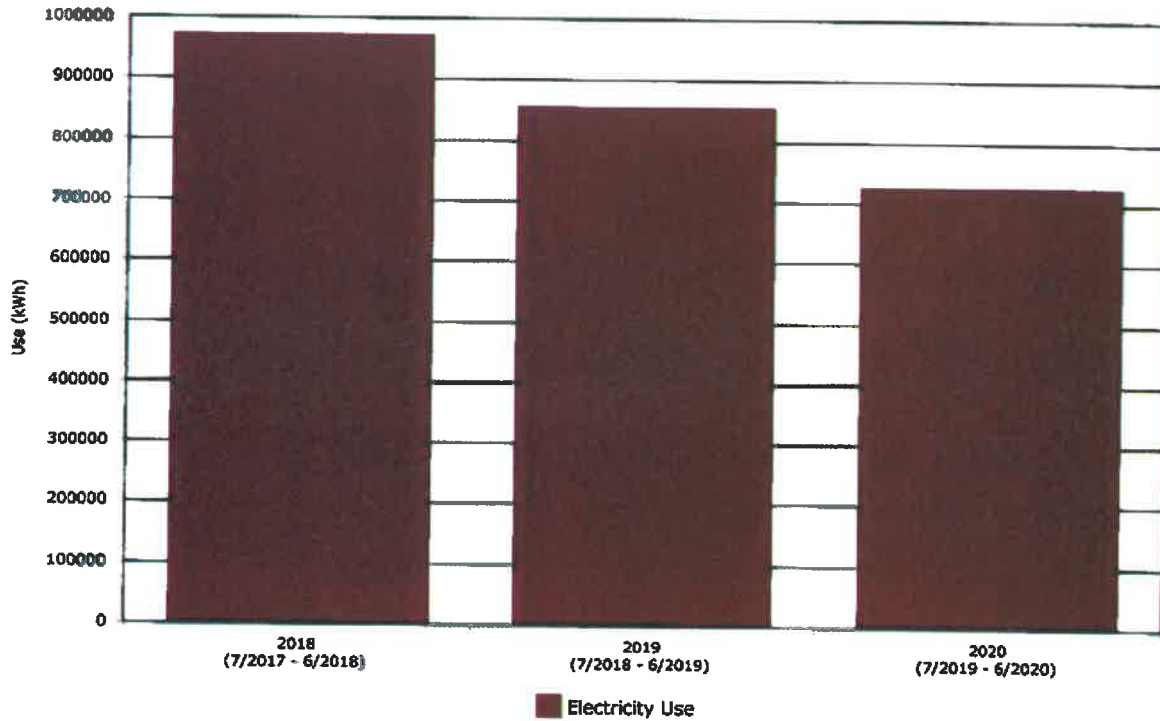
**Year-Over-Year Comparison  
 Floyd County Board of Education  
 Duff Allen Central Elementary -- 7/2017 to 6/2020**



**Year-Over-Year Comparison  
 Floyd County Board of Education  
 Duff Allen Central Elementary -- 7/2017 to 6/2020**

<b>Period</b>	<b>All Utilities Cost</b>
2018	\$141,347
2019	\$144,957
2020	\$112,170

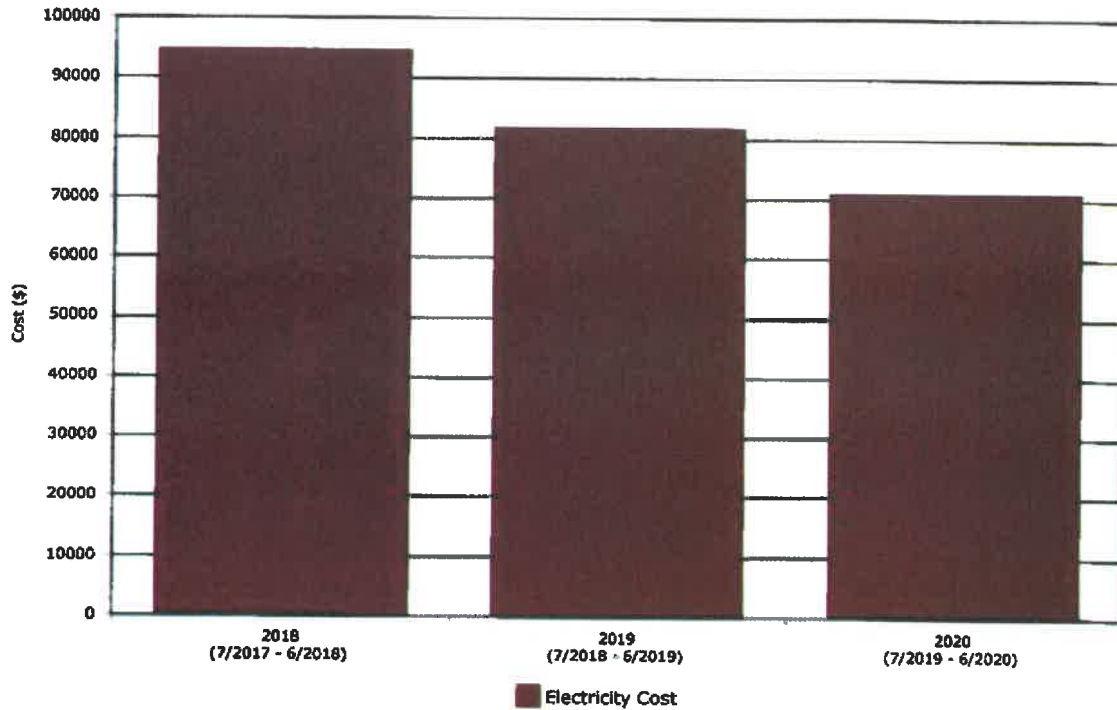
**Year-Over-Year Comparison  
 Floyd County Board of Education  
 Duff Allen Central Elementary -- 7/2017 to 6/2020**



**Year-Over-Year Comparison  
 Floyd County Board of Education  
 Duff Allen Central Elementary -- 7/2017 to 6/2020**

<b>Period</b>	<b>Electricity Use (kWh)</b>
2018	973,200
2019	855,300
2020	727,259

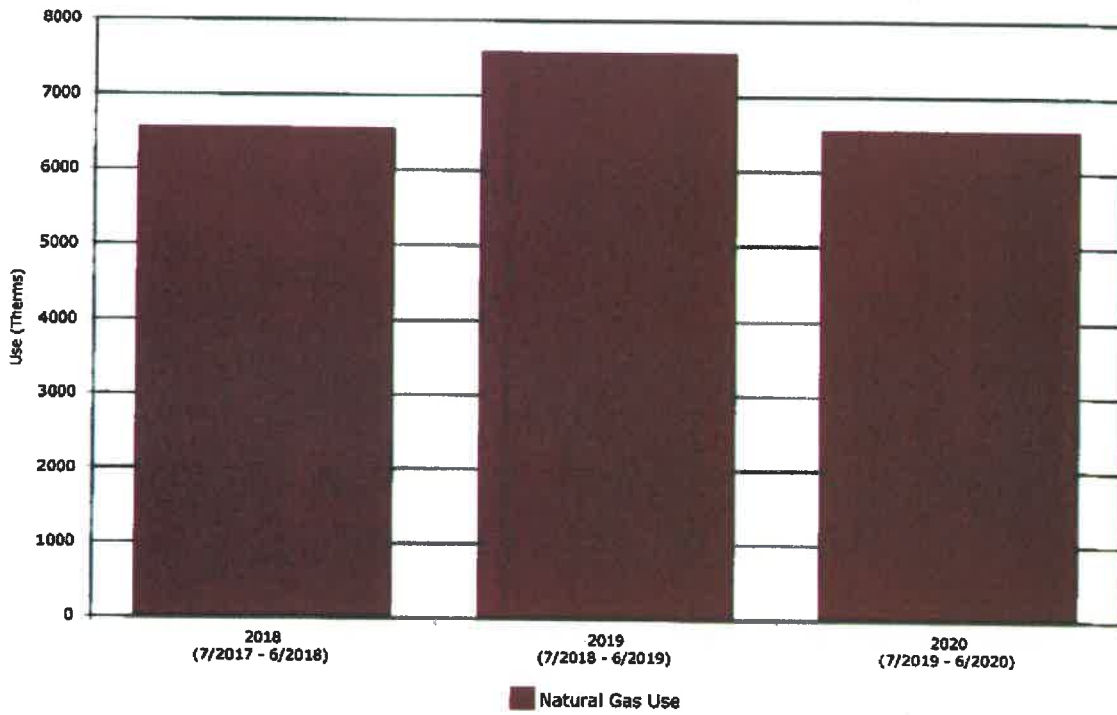
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**Year-Over-Year Comparison  
 Floyd County Board of Education  
 Duff Allen Central Elementary -- 7/2017 to 6/2020**

<b>Period</b>	<b>Electricity Cost</b>
2018	\$94,748
2019	\$81,759
2020	\$71,034

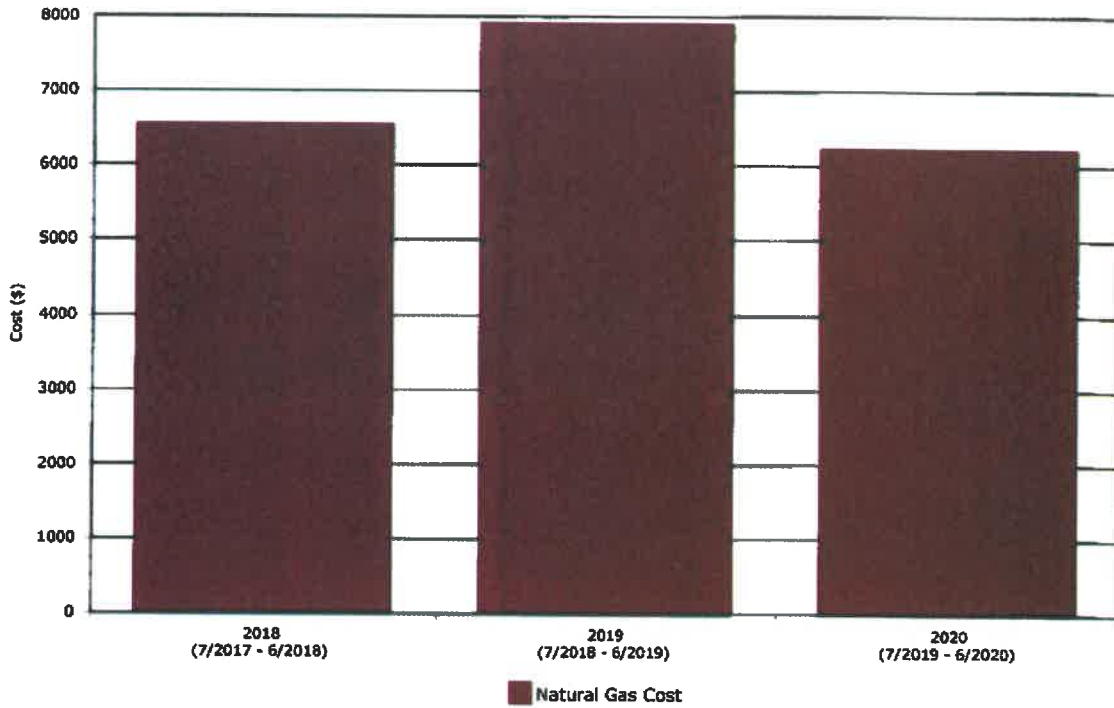
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**Year-Over-Year Comparison  
 Floyd County Board of Education  
 Duff Allen Central Elementary -- 7/2017 to 6/2020**

<b>Period</b>	<b>Natural Gas Use (Therms)</b>
2018	6,563
2019	7,581
2020	6,563

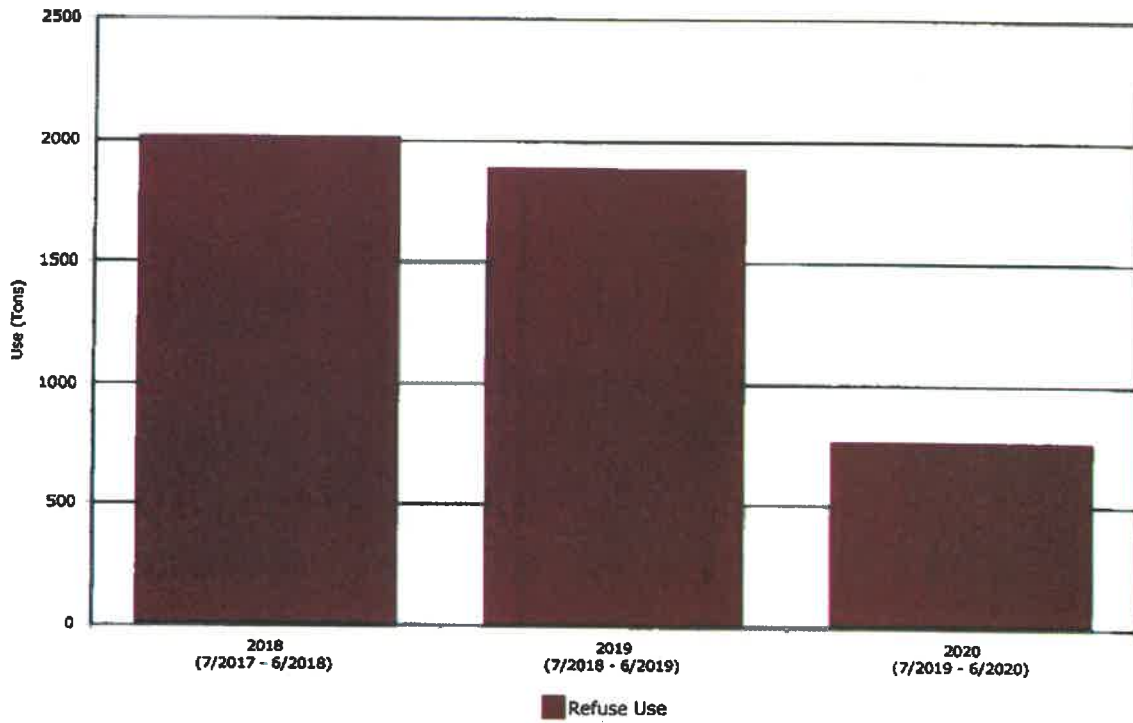
**Year-Over-Year Comparison**  
**Floyd County Board of Education**  
**Duff Allen Central Elementary -- 7/2017 to 6/2020**



**Year-Over-Year Comparison**  
**Floyd County Board of Education**  
**Duff Allen Central Elementary -- 7/2017 to 6/2020**

<b>Period</b>	<b>Natural Gas Cost</b>
2018	\$6,561
2019	\$7,908
2020	\$6,234

**Year-Over-Year Comparison  
 Floyd County Board of Education  
 Duff Allen Central Elementary -- 7/2017 to 6/2020**

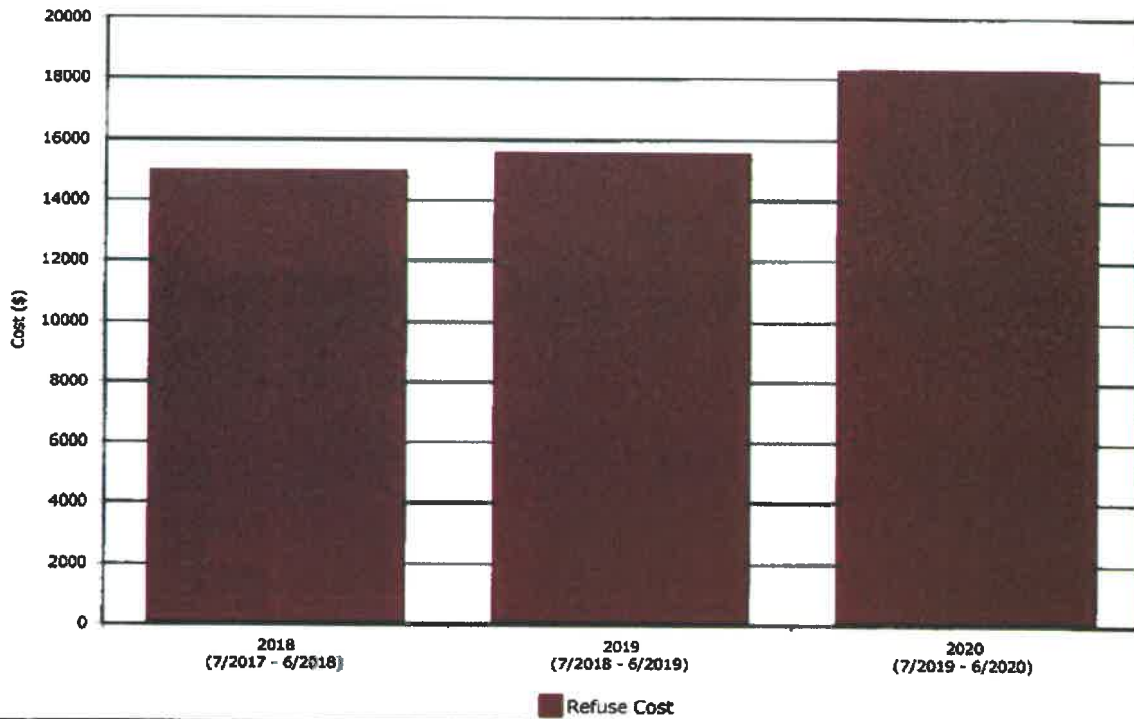


**Year-Over-Year Comparison  
 Floyd County Board of Education  
 Duff Allen Central Elementary -- 7/2017 to 6/2020**

<b>Period</b>	<b>Refuse Use (Tons)</b>
2018	2,016
2019	1,888
2020	768



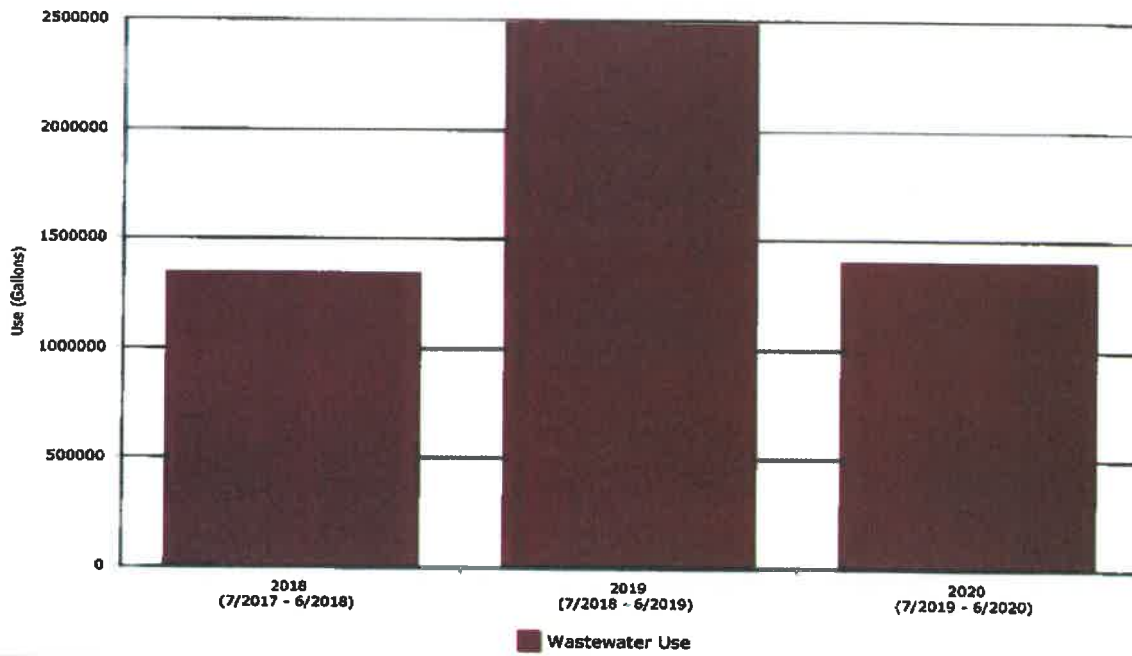
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**Year-Over-Year Comparison  
 Floyd County Board of Education  
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<b>Period</b>	<b>Refuse Cost</b>
2018	\$14,966
2019	\$15,554
2020	\$18,310

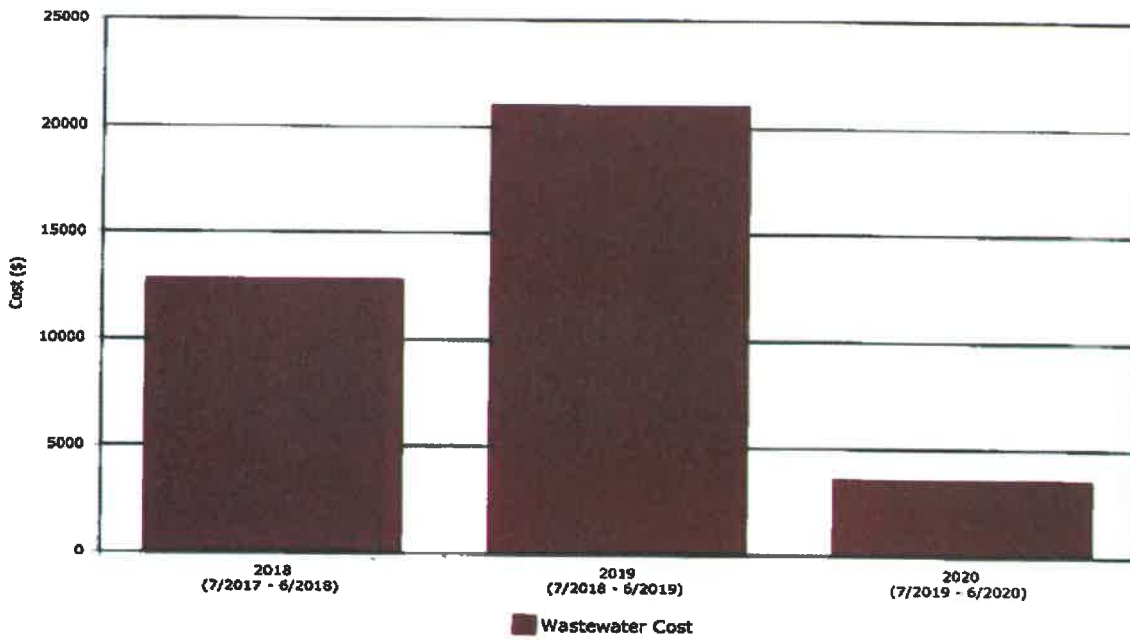
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**Year-Over-Year Comparison  
 Floyd County Board of Education  
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<b>Period</b>	<b>Wastewater Use (Gallons)</b>
2018	1,350,000
2019	2,491,000
2020	1,406,000

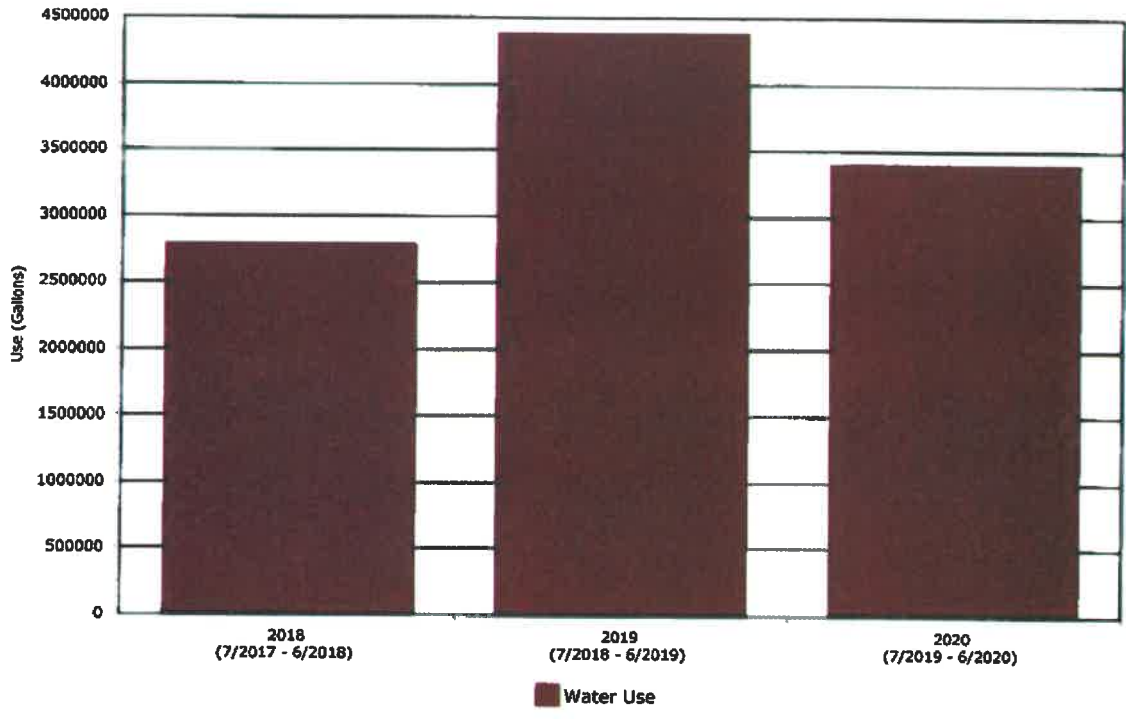
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<b>Period</b>	<b>Wastewater Cost</b>
2018	\$12,841
2019	\$21,047
2020	\$3,606

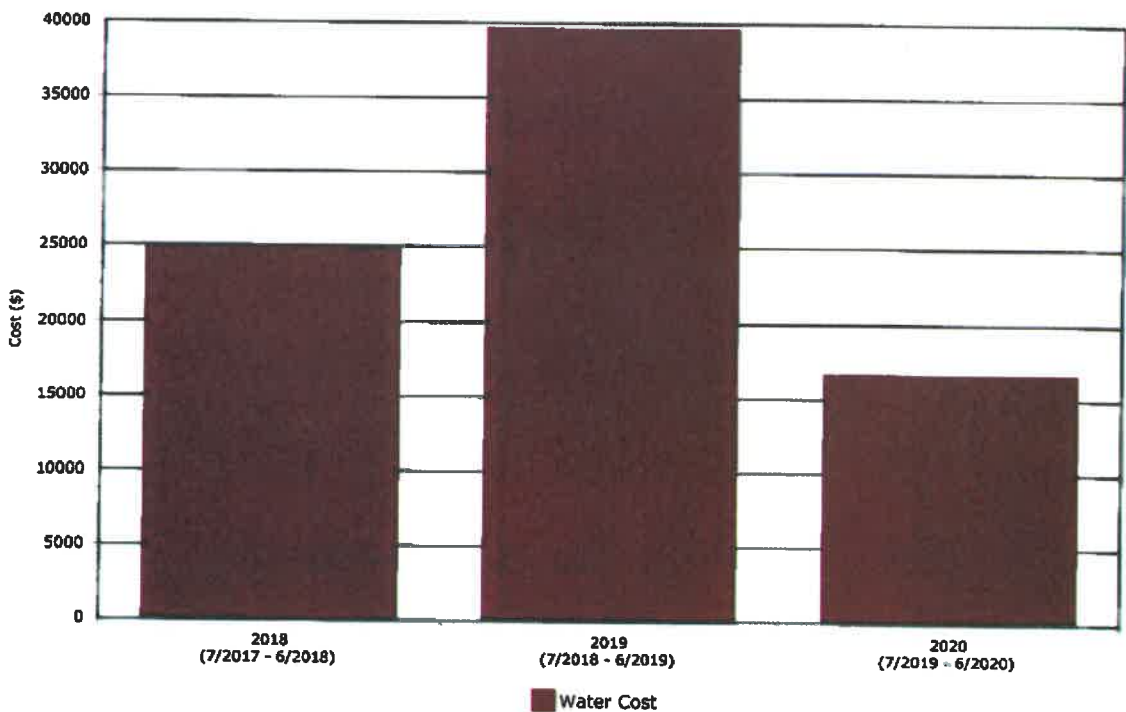
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**Year-Over-Year Comparison  
 Floyd County Board of Education  
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<b>Period</b>	<b>Water Use (Gallons)</b>
2018	2,795,000
2019	4,390,000
2020	3,404,000

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**Year-Over-Year Comparison  
 Floyd County Board of Education  
 Duff Allen Central Elementary -- 7/2017 to 6/2020**

<b>Period</b>	<b>Water Cost</b>
2018	\$25,073
2019	\$39,689
2020	\$16,640

Monthly Heating and Cooling Degree Days  
 KY - JULIAN CARROLL AIRPORT (JKL) -- 07/2017 to 06/2020

Year	Month	Heating Degree Days	Cooling Degree Days
2017	July	0	351
2017	August	0	246
2017	September	34	134
2017	October	200	59
2017	November	488	5
2017	December	884	0
2018	January	1,003	0
2018	February	506	8
2018	March	666	0
2018	April	399	13
2018	May	6	242
2018	June	0	296
<b>Annual Totals</b>		<b>4,186</b>	<b>1,354</b>
2018	July	0	339
2018	August	0	325
2018	September	9	256
2018	October	296	100
2018	November	664	0
2018	December	724	0
2019	January	912	0
2019	February	578	0
2019	March	642	0
2019	April	193	43
2019	May	55	166
2019	June	7	193
<b>Annual Totals</b>		<b>4,080</b>	<b>1,422</b>
2019	July	0	349
2019	August	0	330
2019	September	0	350
2019	October	180	77
2019	November	658	0
2019	December	661	0
2020	January	718	0
2020	February	633	0
2020	March	368	22
2020	April	330	9
2020	May	174	117
2020	June	2	241
<b>Annual Totals</b>		<b>3,724</b>	<b>1,495</b>