

# Excel Based Advanced Payroll Dashboard Report

**Payroll Analytics and Monitoring**

AKSESHEN LLC  
Do Meaningful Work

Reporting as of June 29, 2021

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**Report Tenants: Excel Based; Robust Yet Efficient Data Model Background; Extensive Power Query Data Transformation; Power Pivot Managed Pivot Tables & Graphics**

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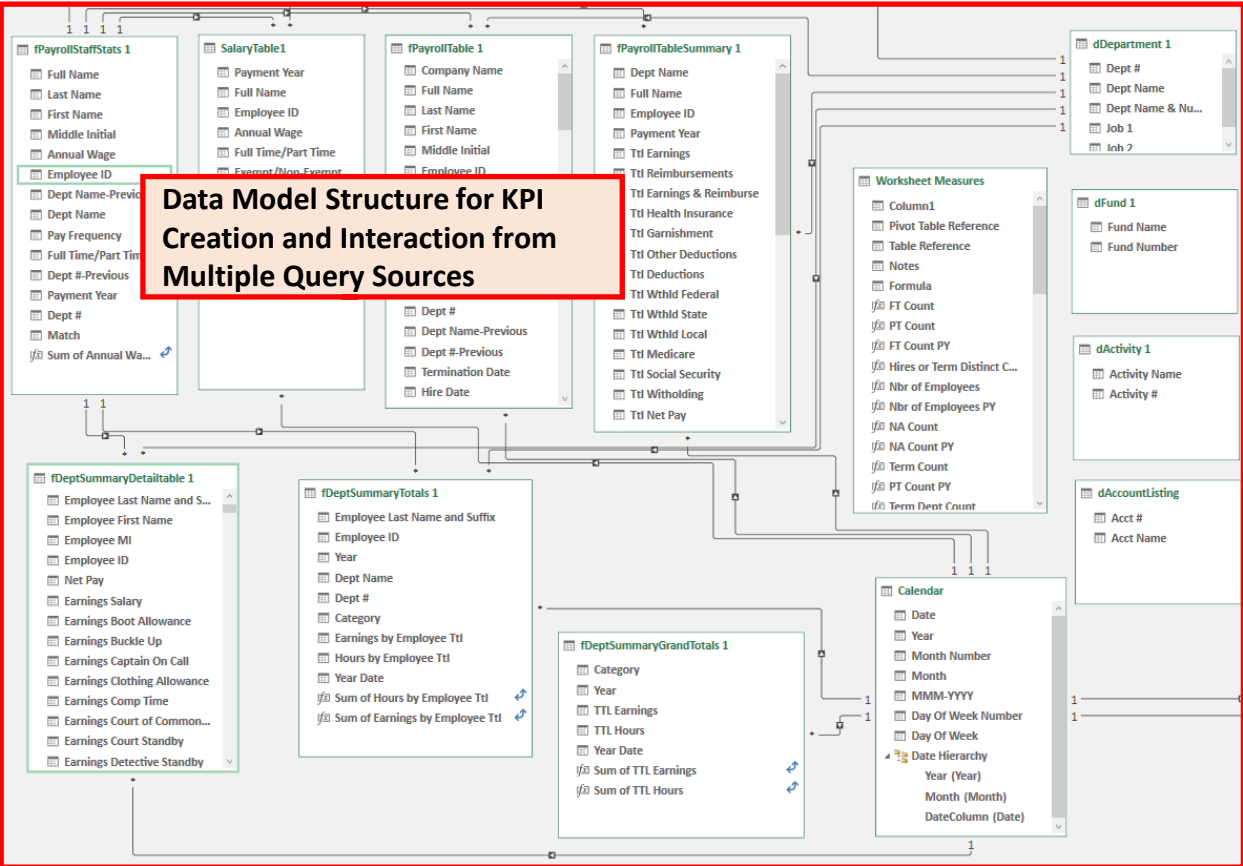
# Excel Based Advanced Payroll Dashboard Report

The screenshot displays the Microsoft Excel interface. The top ribbon is the Power Query ribbon, with the 'Transform' group selected. The ribbon includes options like 'Close & Load', 'Refresh', 'Advanced Editor', 'Manage', 'Choose Columns', 'Remove Columns', 'Keep Rows', 'Remove Rows', 'Sort', 'Split Column', 'Group By', and 'Replace Values'. Below the ribbon, the 'Queries' pane on the left shows a list of queries, including 'Dimensions [5]', 'HR Related [1]', 'Payroll and Financials [3]', 'Department Summary Tables [3]', 'Payroll Detail Tables [4]', 'GL Trial Balance [2]', and 'Other Queries [1]'. The main area shows a data table with columns for 'Year', 'Org Level 1', and 'Dept #'. A formula bar at the top displays the Power Query M code: `= Table.SelectColumns("#'Changed Type",{ "Year", "Org Level 1", "Dept #", "Employee ID" })`. A red box highlights the Power Query ribbon and the data table.

Year	Org Level 1	Dept #
2018	1110 Police	1110
2018	1320 Camps	1320
2018	1610 Education	1610
2018	1710 Planning & Zoning	1710
2018	1620 Community Services	1620
2018	1110 Police	1110
2018	1310 Park Programs	1310
2018	1610 Education	1610
2018	1110 Police	1110
2018	1610 Education	1610
2018	1320 Camps	1320
2018	1110 Police	1110
2018	1610 Education	1610
2018	1110 Police	1110
2018	1610 Education	1610
2018	1620 Community Services	1620
2018	1110 Police	1110

**Power Query for Data Connection & Transformation**

Efficient Background Data Gathering & Transformation – Using Power Query to Retrieve Data; Using Power Pivot Data Model to Connect and Display Data on Pivot Tables & Graphics.



**Data Model Structure for KPI Creation and Interaction from Multiple Query Sources**

# Excel Based Advanced Payroll Dashboard Report



Embedded Jump Links

## Payroll Analytics and Monitoring

Customized Pivot Tables with Personalized Themes

Reporting as of June 29, 2021

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### Topline Statistics

Row Labels	Sum of Total Earnings - Hours	Sum of Total Earnings - Amounts	Total Gross Reimbursements	Sum of Total Earnings & Reimbursements	Sum of Total Deductions	Sum of Total EE Taxes	Total Net Pay
2018	270,006.4	\$3,167,397.23	\$11,275.00	\$3,179,272.23	\$1,109,397.27	\$1,803,753.77	\$6,241,634.80
2019	272,159.5	\$3,533,973.89	\$45,569.81	\$3,579,543.70	\$1,215,763.85	\$1,857,826.70	\$6,479,511.68
2020	252,630.7	\$3,564,119.50	\$27,953.12	\$3,592,790.02	\$1,330,862.42	\$1,862,634.40	\$6,403,058.33
<b>Grand Total</b>	<b>794,796.6</b>	<b>\$28,266,090.62</b>	<b>\$84,797.93</b>	<b>\$28,351,605.95</b>	<b>\$3,656,023.54</b>	<b>\$5,544,214.87</b>	<b>\$19,124,204.81</b>

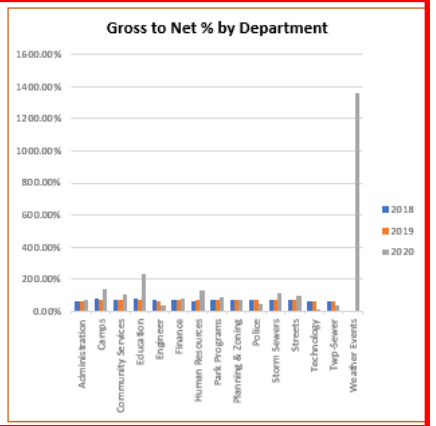
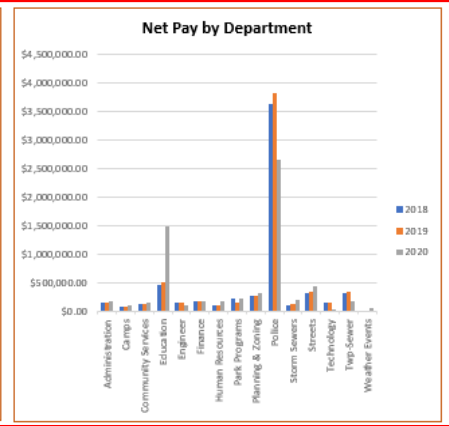
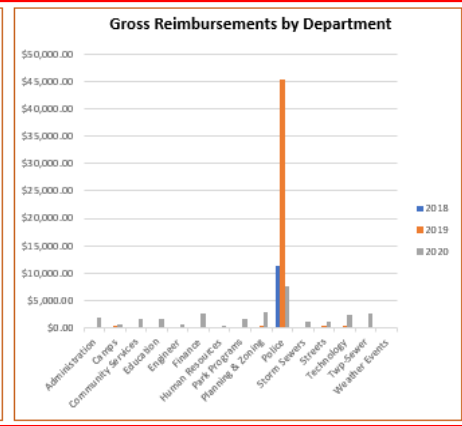
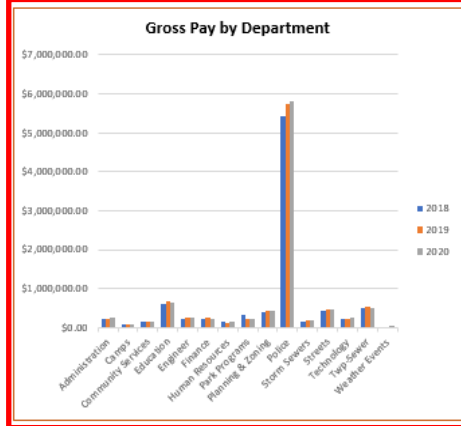
#### Gross Hours by Type of Hours

	2018	2019	2020
Sum of Regular - Hours	227,365.1	231,122.4	249,077.6
Sum of Overtime - Hours	6,915.9	5,565.0	3,289.0
Sum of Holiday - Hours	293.3	117.8	203.0
Sum of Vacation - Hours	363.6	404.4	61.0
Sum of Sick - Hours	106.5	17.5	0.0
<b>Sum of Total Earnings - Hours</b>	<b>270,006.4</b>	<b>272,159.5</b>	<b>252,630.7</b>

#### Gross Pay by Type of Pay

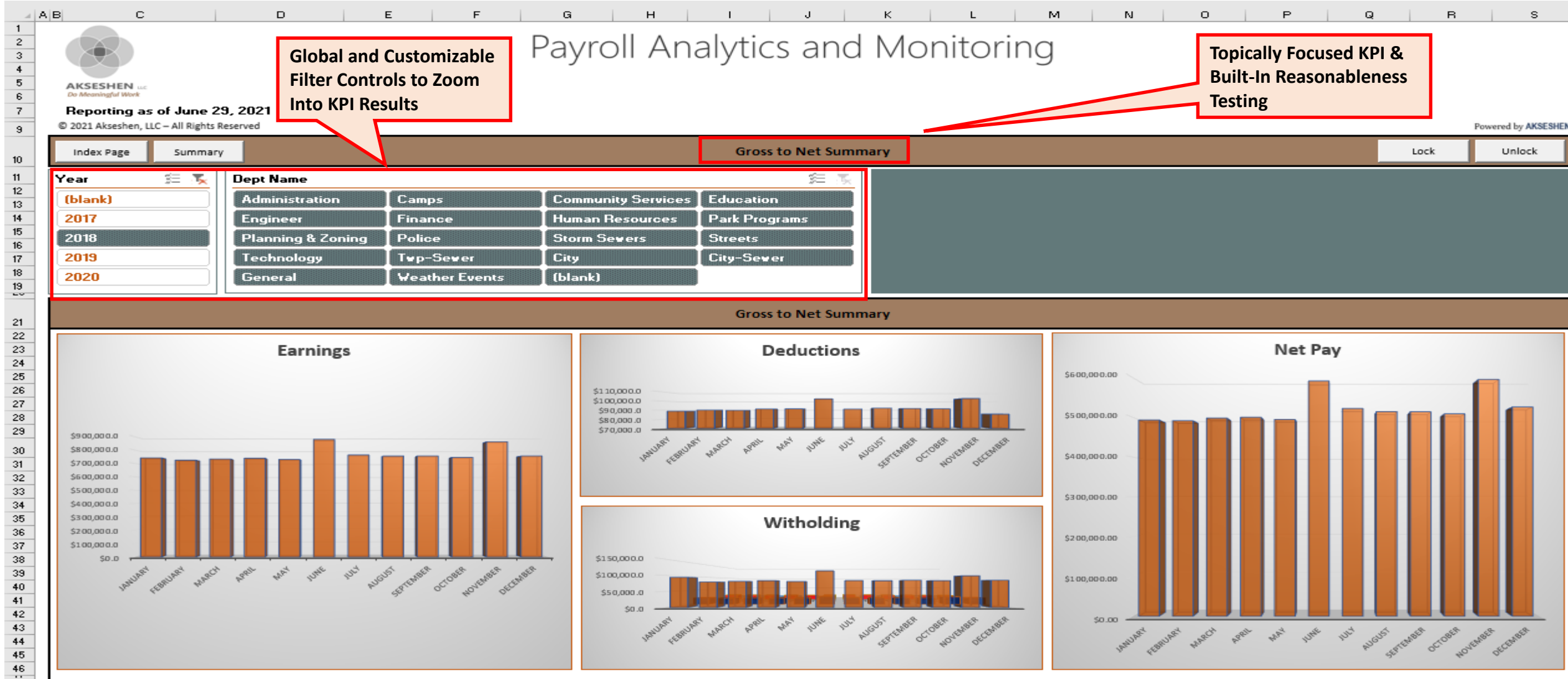
Sum of Regular - Amounts	826.34
Sum of Overtime - Amounts	477.33
Sum of Holiday - Amounts	635.55
Sum of Vacation - Amounts	179.00
Sum of Sick - Amounts	0.00
Sum of Other Earnings	398.72
<b>Total Gross Earnings</b>	<b>\$3,167,397.23</b>

Embedded Power Pivot & Power Query Data Model with Graphical KPI Displays



Report Display Functionality – Navigational Buttons to Jump from Report to Report; Personalized template themes that can be specific to your organization; Mix of Power Pivot Tables and Graphics bring the story to life

# Excel Based Advanced Payroll Dashboard Report



Report KPI Functionality – Filtering to a multitude of parameters at the click of a button, either within a specific display or across the entire page. Sections are typically arranged to achieve a comprehensive dashboard view that is flexible

# Excel Based Advanced Payroll Dashboard Report

## Payroll Analytics and Monitoring



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Index Page Summary

Paid Time Off

Lock

Unlock

Department Name

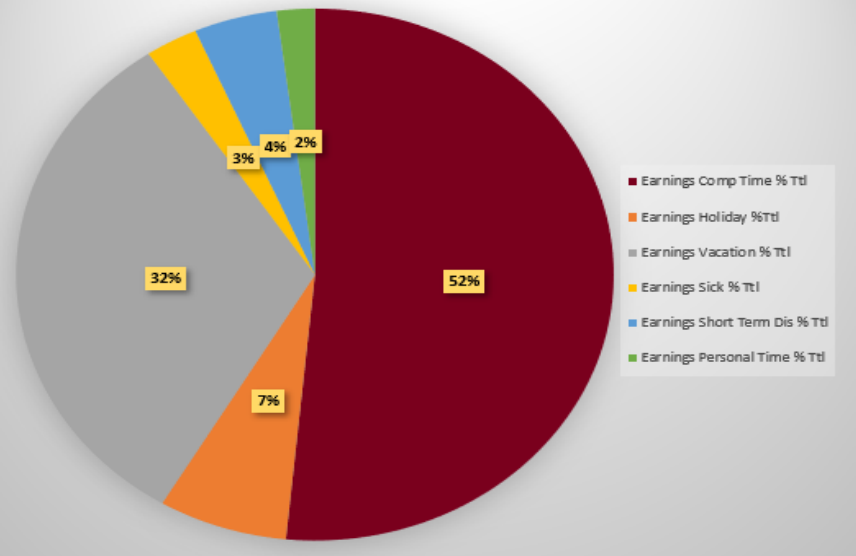
Administration	Camps	City-Sewer	Community Services	Education	Engineer	Finance	Human Resources
Park Programs	Planning & Zoning	Police	Storm Sewers	Streets	Technology	Twp-Sewer	Weather Events

Year

2018	2019	2020
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### Summary Information

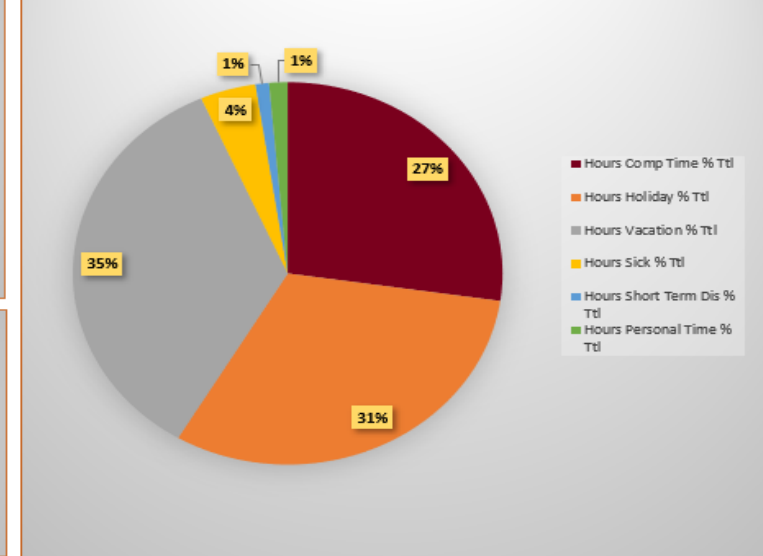
Comp Time by Type % Contribution to Ttl Comp Time \$



Comp Time by Type % TTI Hours



Comp Time by Type % Contribution to Ttl Comp Time Hours



Comp Time by Type % TTI Earnings



Report KPI's by Topic – From the expansive data model – zoom in on specific topics. When data is refreshed, the template updates automatically.

# Excel Based Advanced Payroll Dashboard Report

TOP

## GL TB Earnings Year Over Year Change

DEPARTMENT NAME	ACTIVITY NAME	ACCOUNT NAME	Values						
			Current Year	Prior Year	CY Change \$	CY Change %	Prior Year	PY Change \$	PY Change %
Administration	Admin	PERSONNEL-SALARY-REGULAR	\$236,984.16	\$226,690.05	\$10,294.11	4.54%	\$220,340.00	\$6,350.13	2.88%
Camps	Youth Camps	OVERTIME PAY	\$6.91	\$0.00	\$6.91	0.00%	\$0.00	\$0.00	0.00%
		PERSONNEL-SALARY-REGULAR	\$28,122.40	\$23,365.39	\$4,757.01	20.36%	\$23,636.00	(\$270.29)	-1.14%
		SALARIES - TEMPORARY	\$2,512.80	\$34,610.25	(\$32,097.45)	-92.74%	\$30,896.00	\$3,714.25	12.02%
City	Comm Events	OVERTIME PAY	\$6.91	\$5,703.83	(\$5,696.92)	-99.88%	\$4,099.00	\$1,604.40	39.14%
		PERSONNEL-SALARY-REGULAR	\$28,209.60	\$23,365.39	\$4,844.21	20.73%	\$23,636.00	(\$270.29)	-1.14%
Community Services	Satalite Office	PERSONNEL-SALARY-REGULAR	\$100,194.60	\$96,423.12	\$3,771.48	3.91%	\$93,614.00	\$2,809.20	3.00%
		SALARIES - TEMPORARY	\$48,493.04	\$65,359.61	(\$16,866.57)	-25.81%	\$63,478.00	\$1,881.51	2.96%
Education	Main Office	OVERTIME PAY	\$659.02	\$0.00	\$659.02	0.00%	\$0.00	\$0.00	0.00%
		PERSONNEL-SALARY-REGULAR	\$435,346.57	\$395,401.22	\$39,945.35	10.10%	\$364,582.00	\$30,819.32	8.45%
		SALARIES - TEMPORARY	\$191,792.12	\$278,270.42	(\$86,478.30)	-31.08%	\$233,310.00	\$44,960.63	19.27%
Finance	Finance	PERSONNEL-SALARY-REGULAR	\$220,050.87	\$291,416.88	(\$71,366.01)	-24.49%	\$279,277.00	\$12,140.28	4.35%
General	Network Hardware/Software	OVERTIME PAY	\$9.67	\$0.00	\$9.67	0.00%	\$0.00	\$0.00	0.00%
		PERSONNEL - SALARY REGULAR	\$248,388.91	\$236,026.32	\$12,362.59	5.24%	\$228,969.00	\$7,056.88	3.08%
Human Resources	HR	PERSONNEL-SALARY-REGULAR	\$139,000.08	\$82,400.16	\$56,599.92	68.69%	\$52,556.00	\$29,844.39	56.79%
Park Programs	Parks	OVERTIME PAY	\$4,656.56	\$5,452.59	(\$796.03)	-14.60%	\$883.00	\$4,569.43	517.40%
		PERSONNEL-SALARY-REGULAR	\$236,267.84	\$231,729.90	\$4,537.94	1.96%	\$303,130.00	(\$71,400.19)	-23.55%

Report KPI Flexibility – Allows for detail reports to be built and displayed along with the summarized and graphical display information; allows for flexibility in how you want to present result information