



2022 FAMIS Conference
Power BI Dashboards
July 12, 2022


Information on St. Lucie's DB

- St. Lucie started working with Microsoft in May of 2016.
- St. Lucie has created over 30+ Dashboards
 - Ranging from Attendance Data (Student and Employee) to Vendor Data
- St. Lucie has about 7 Application Development Team Members Trained in Power BI



Dashboards

- Projected Graduation DB
- Student Gradebook Grades DB
- Student Quarter Grades DB
- Student Attendance DB
- Student Discipline DB
- HR Analytics DB
- Leadership Tracking System DB (Wallace Grant)
- Fast Track DB (Applicant Tracking System)
- Social Emotional Intervention DB



Dashboards (Con't)

- Student Unit Assessment DB
- Department/School Budget DB
- Financial DB
- COVID Reporting (Employees & Students)
- School Dude
- SLA Activities

Projected Graduation DB

St. Lucie PUBLIC SCHOOLS
 Select a School: All
 IsActive: All
 Grad Year: 2021
 GPA: All
 Gender: All
 Race: All
 Advisor Name: Search
 Select all
 (Blank)
 Allen, Cheryl Lynn

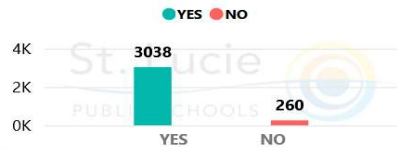
Instruct Option: All
 Met/Did Not Meet Both: All

MET_BOTH_Req	Count of Student_Number
NO	260
YES	3038
Total	3298

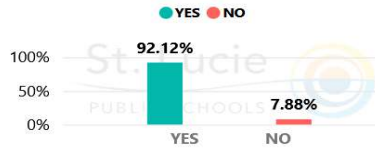
Met Math & Communication Graduation Requirement

Met Math and Reading

Met Math & Read

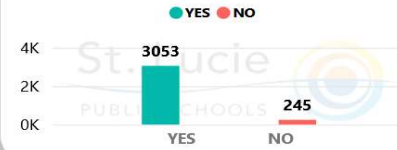


Met Math & Read Percent

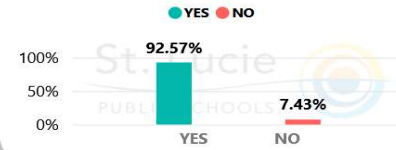


Met Reading Only

Met Read

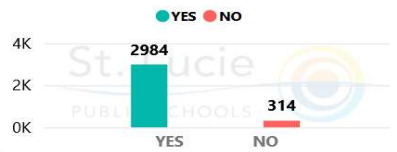


Met Read Percent

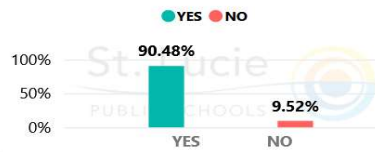


Graduated

Graduated

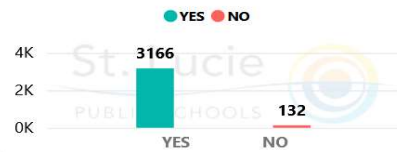


Graduated Percent

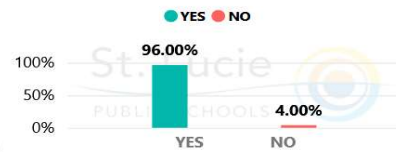


Met Math Only

Met Math



Met Math Percent



St. Lucie Grad Rate from 2015 SY to 2021 SY

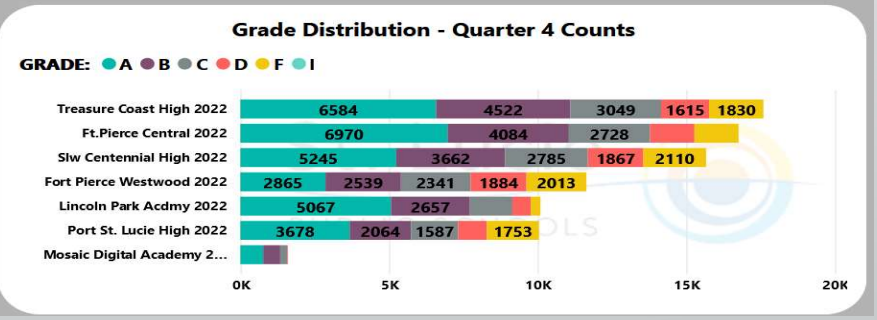
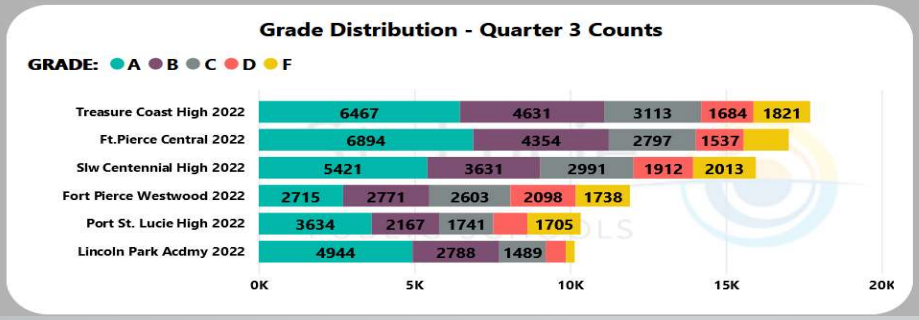
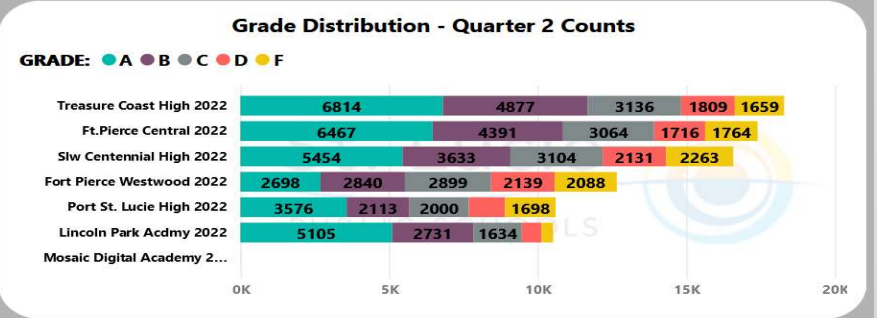
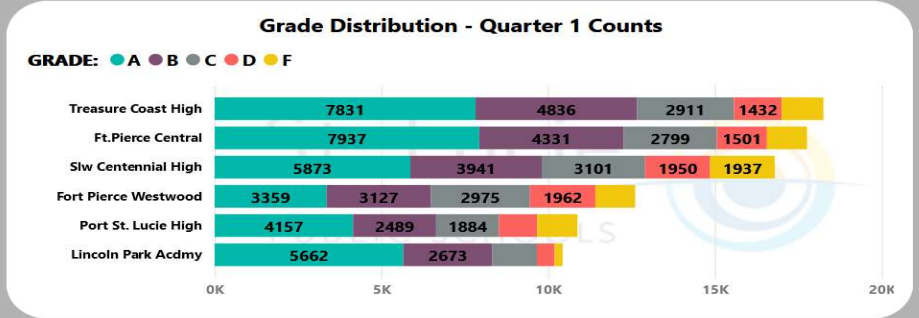
District		2014-15	2015-16
	FLORIDA	77.9%	80.7%
56	St. Lucie	75.5%	86.8%

District		2016-17	2017-18	2018-19	2019-20	2020-21
	FLORIDA	82.3%	86.1%	86.9%	90.0%	90.1%
56	St. Lucie	90.1%	91.8%	90.4%	93.2%	94.5%

Student Quarter Grades DB

St. Lucie PUBLIC SCHOOLS
 School Year: 2022
 School Type: High Schl
 School: All
 Grade Level: All
 Gender: All
 Race: All
 Advisor: Search [] Select all (Blank) [] Adams, Cassandra L [] Allen, Cheryl Lynn

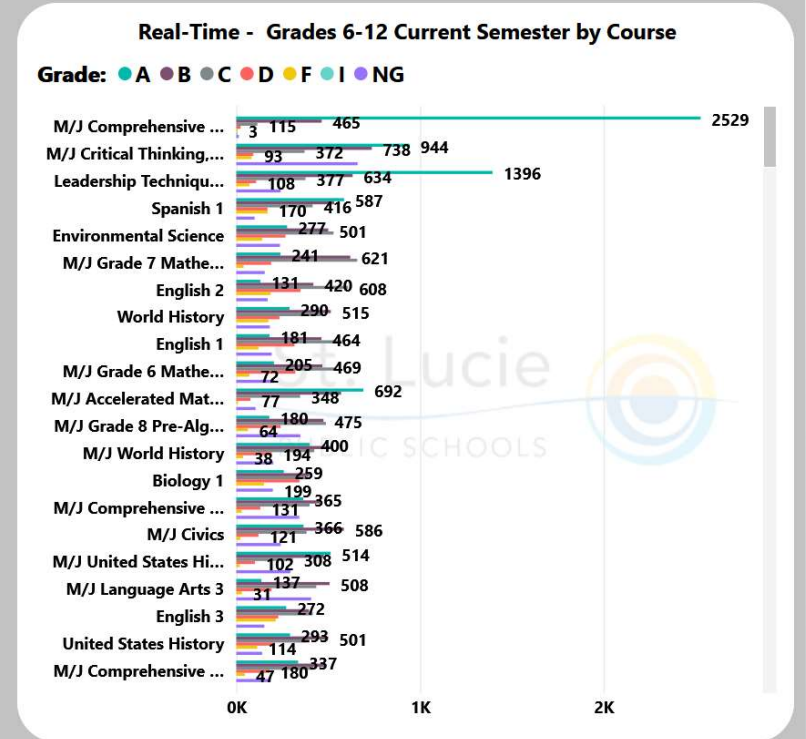
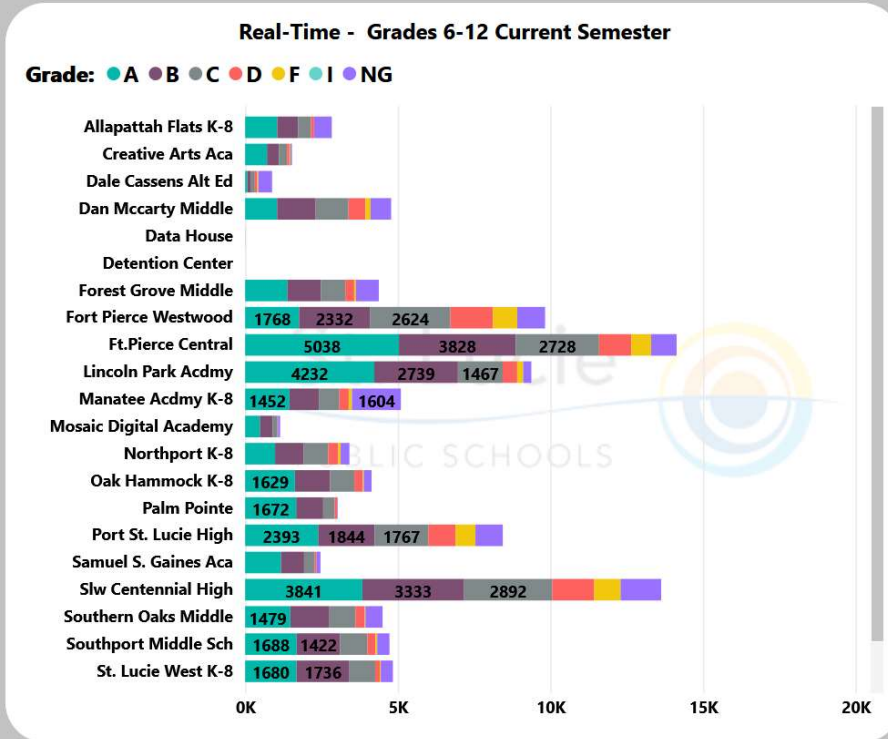
Is 504: All
 ELL: All
 ESE: All
 Is FRL: All
 Instruct Option: All
 Student Status: All



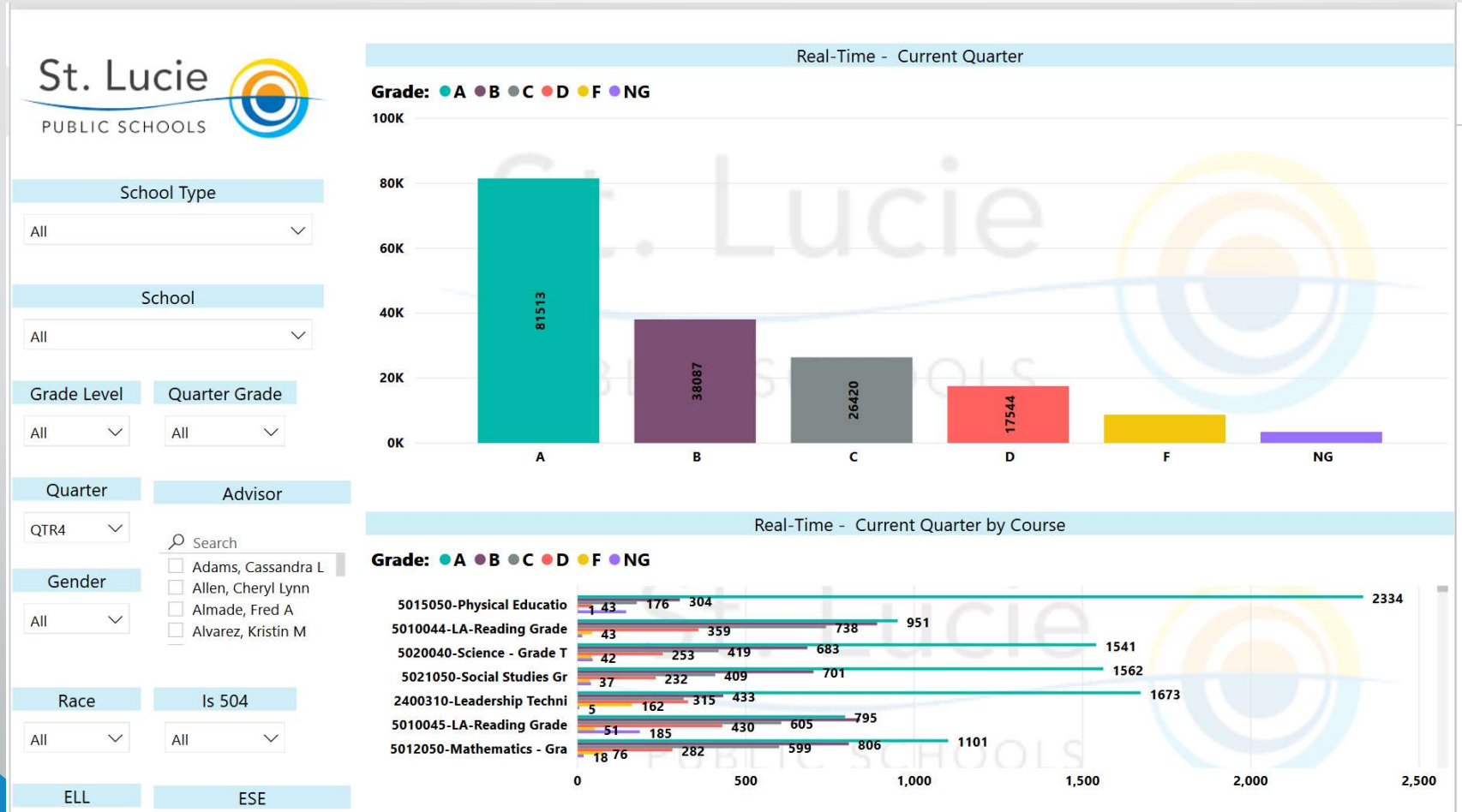
Student Quarter Grades DB (Con't)

St. Lucie PUBLIC SCHOOLS

School Type	School	Grade Level	Gender	Race	Advisor	
All	All	All	All	All	<input type="text"/> Search <input type="checkbox"/> Adams, Cassandra L <input type="checkbox"/> Allen, Cheryl Lynn <input type="checkbox"/> Anton, Joseph Payton	
Is 504	ELL	ESE	Is FRL	Instruct Option	Sem Grade	Semester
All	All	All	All	All	All	SEM1

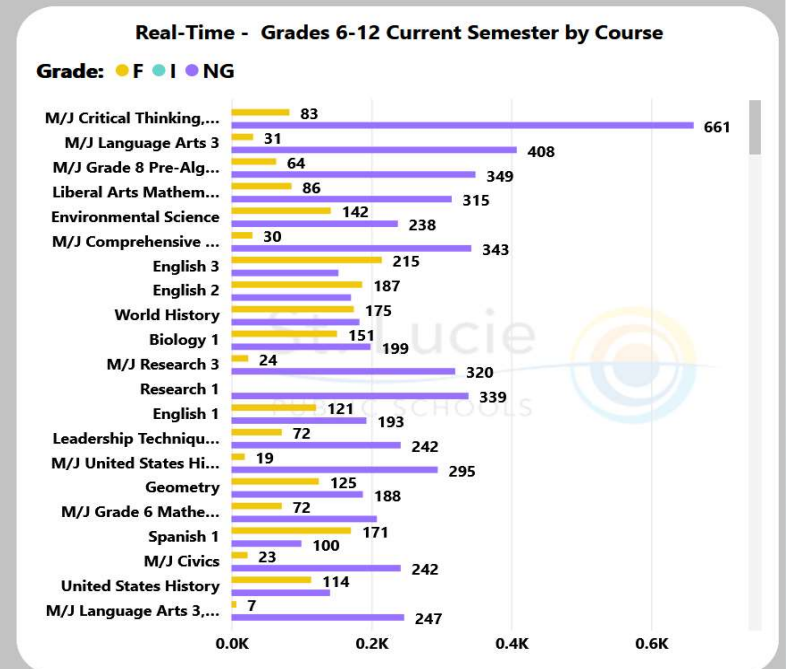
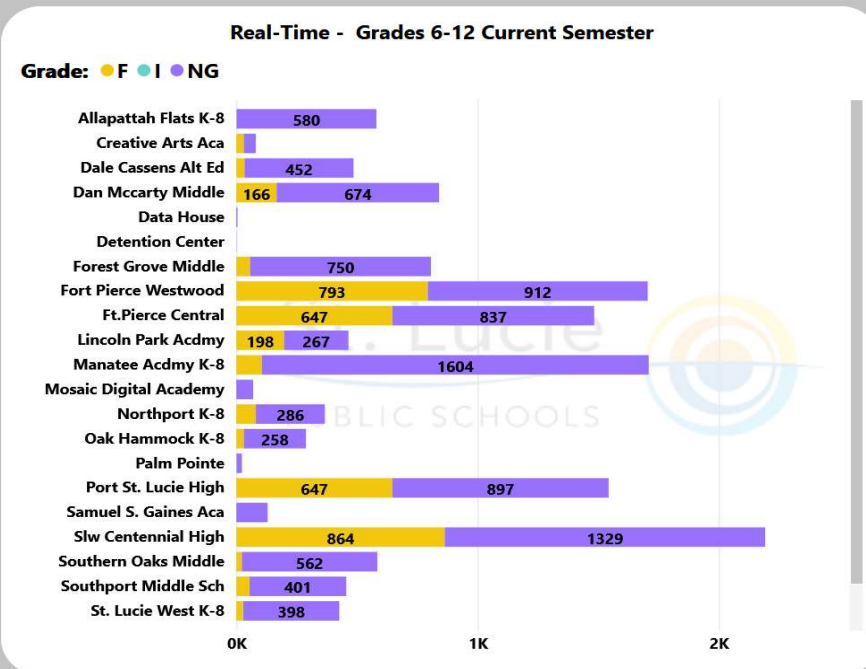


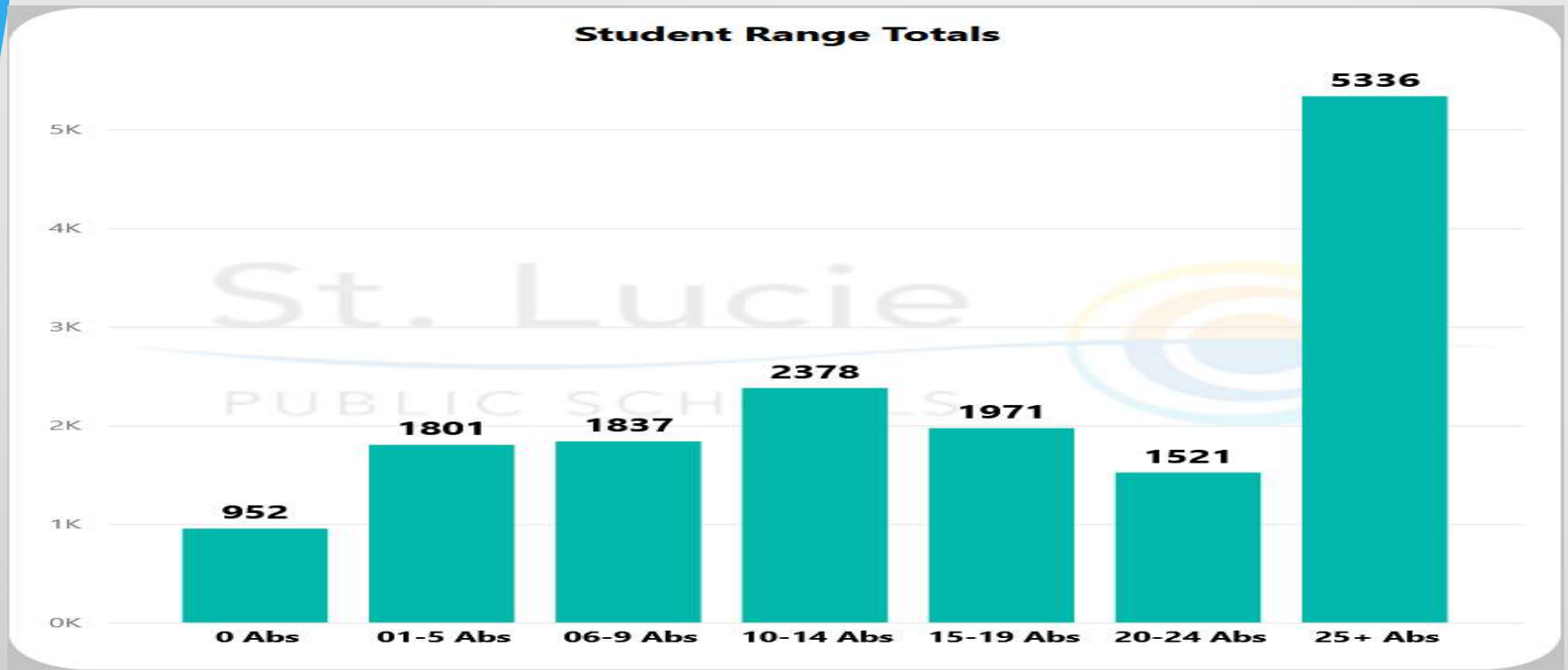
Student Gradebook Grades DB



Student Gradebook Grades DB (F, I, NG)


		School Type	School	Grade Level	Gender	Race	Advisor
Is 504 All		All	All	All	All	All	<input type="checkbox"/> Adams, Cassandra L <input type="checkbox"/> Allen, Cheryl Lynn <input type="checkbox"/> Anton, Joseph Payton
ELL	ESE	Is FRL	Instruct Option	Sem Grade	Semester		
All	All	All	All	Multiple sel...	SEM1		





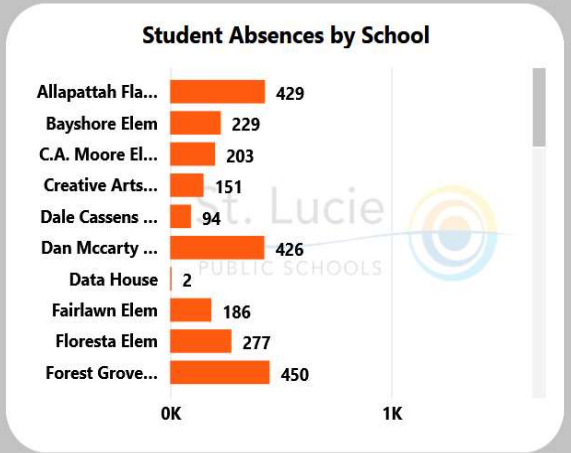
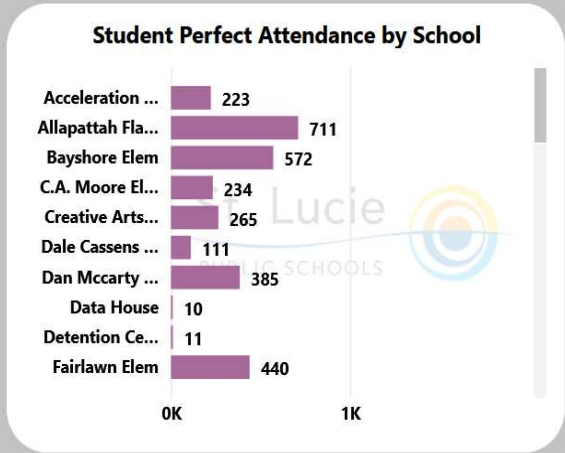
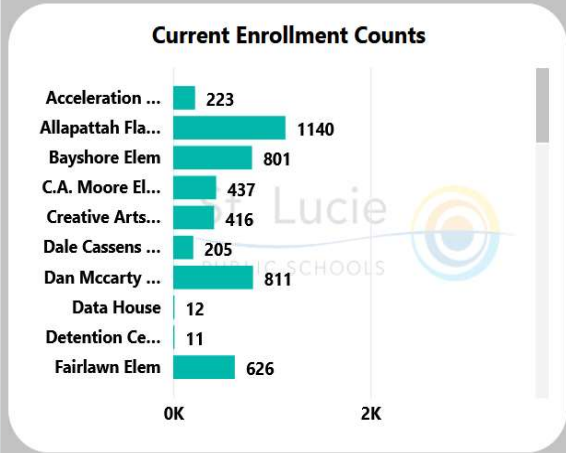
- Attendance looks at All Absent Codes – Excused, Unexcused, In/Out of School Susp, School Activity, Guidance, Clinic, etc. (Other ISS/OSS only)
 - This visual looks at the Daily Attendance Mark – other visuals look at By-Period for our Secondary Schools.
 - We have a visual for Perfect Attendance.
- We have a visual for Average Daily Attendance by day or date range.

Student Perfect Attendance DB


 School Type:
 School:
 Grade:
 Gender:
 Race:
 Advisor:

Is 504:
 ELL:
 ESE:
 Is FRL:
 Instruct Option:
 Enter date range: to

Select all
 (Blank)
 Acevedo, Laura Ann



Schl Days In Date Range

7

Student Perfect Attendance Counts - Student Detail

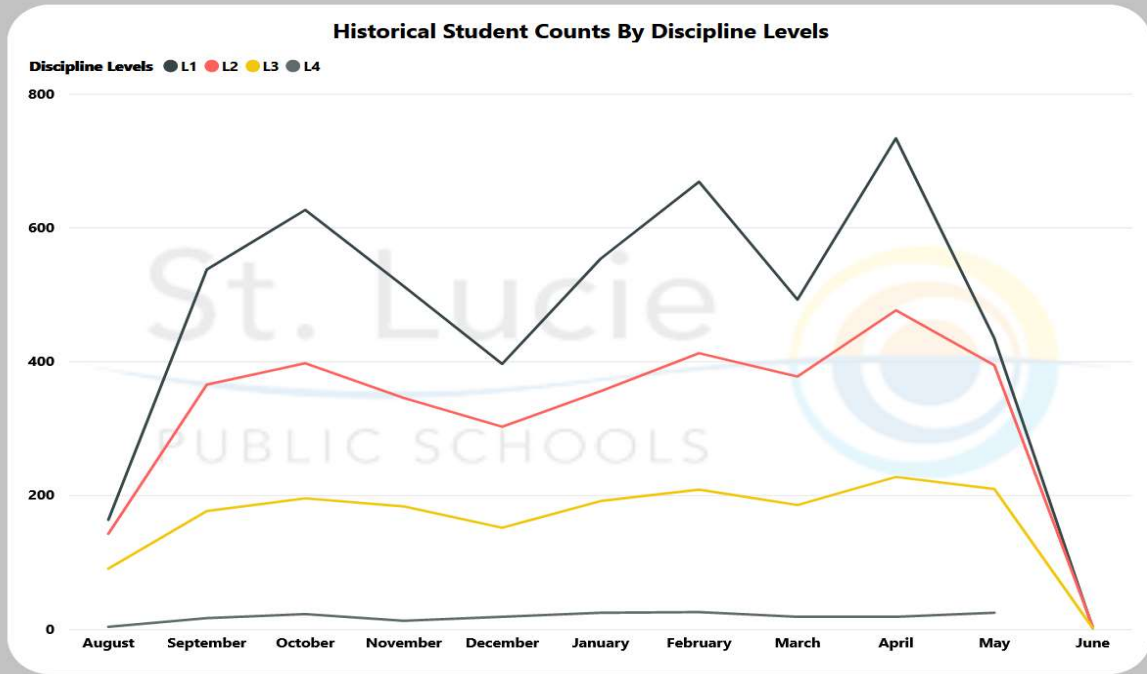
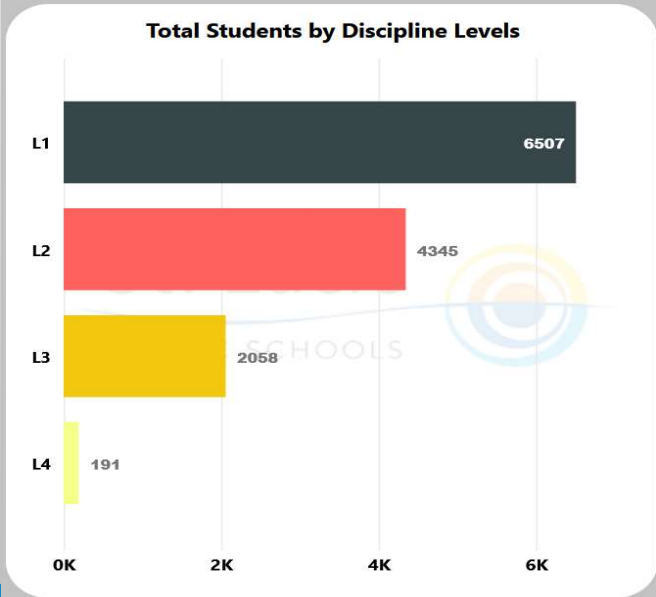
SCHOOL_NAME	HOMEROOM_TEACHER	OTHER_ID	STU_FULL_NAME	GRADE	GENDER	RACE	ESE	ELL	IS_504	SchoolDays	PresentDays
Slw Centennial High		5621006943	AARONS ALIJAH	12	M	Black			NO	7	7
Acceleration Acdmy		5620801332	AARONS, ANDRE A	12	M	Black			NO	7	7
Village Green Elem		5621703848	AARRASS AMIR	4	M	Hispanic			NO	7	7
Southport Middle Sch		5621405489	ABADIA, ELORA Y	7	F	Hispanic			NO	7	7
Morningside Elem		5621805373	ABADIA, ISABELLA A	3	F	Hispanic			NO	7	7
White City Elem		5622004028	ABARCA, ELIJAH S	2	M	Hispanic			NO	7	7
Allapattah Flats K-8		5621906802	ABBEY-SWANSON KAZIAH	0	M	White	G		NO	7	7
St. Lucie West K-8		5621906656	ABBOTT, ELIJAH K	2	M	Multiracial			NO	7	7
Treasure Coast High		5621104428	ABBOTT, EMMALEE P	10	F	White			NO	7	7
Dale Cassens Alt Ed		5621606048	ABBOTT, JAKE M	9	M	White			NO	7	7

Student Discipline DB


St. Lucie PUBLIC SCHOOLS | School Year: 2022 | School: All | School Type: High Schl | Grade: All | Gender: All | Race: All | Advisor: Search [] Select all [] (Blank) [] Adams, Cassandra L [] Allen, Cheryl Lynn

Is 504: All | ELL: All | ESE: All | Is FRL: All | Student Status: All | Offense: All | Discipline Levels: All

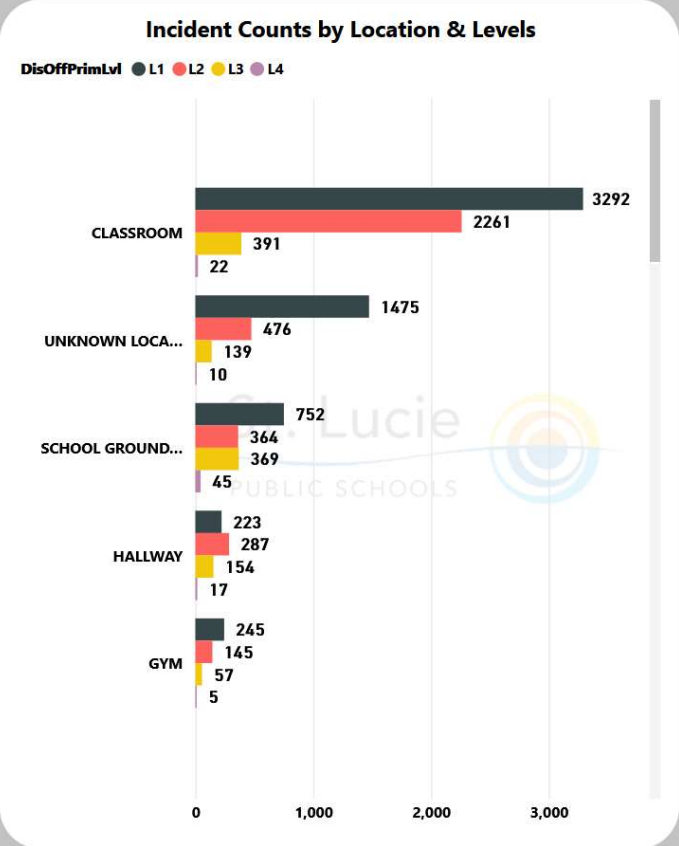
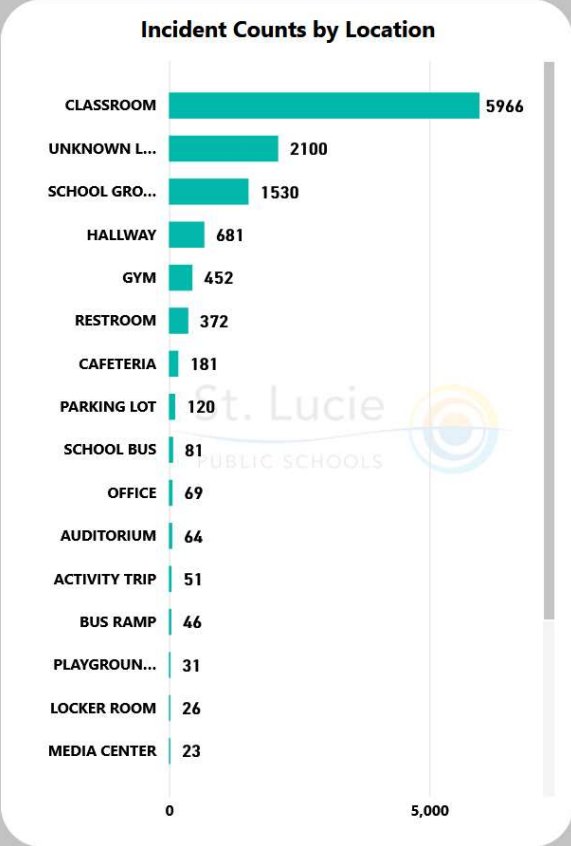
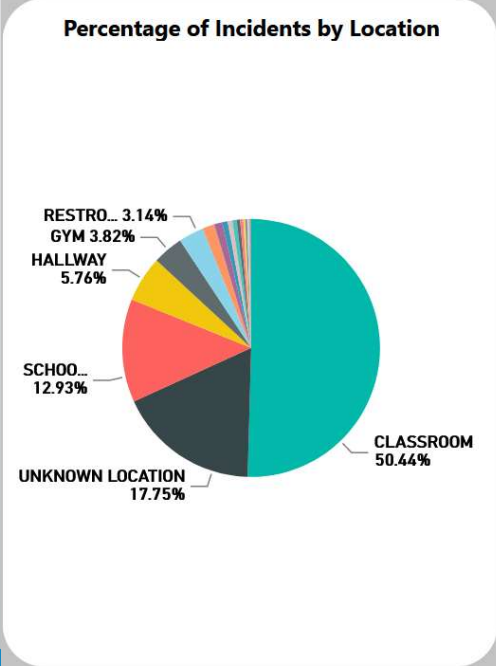
Quarter: All | Month: All



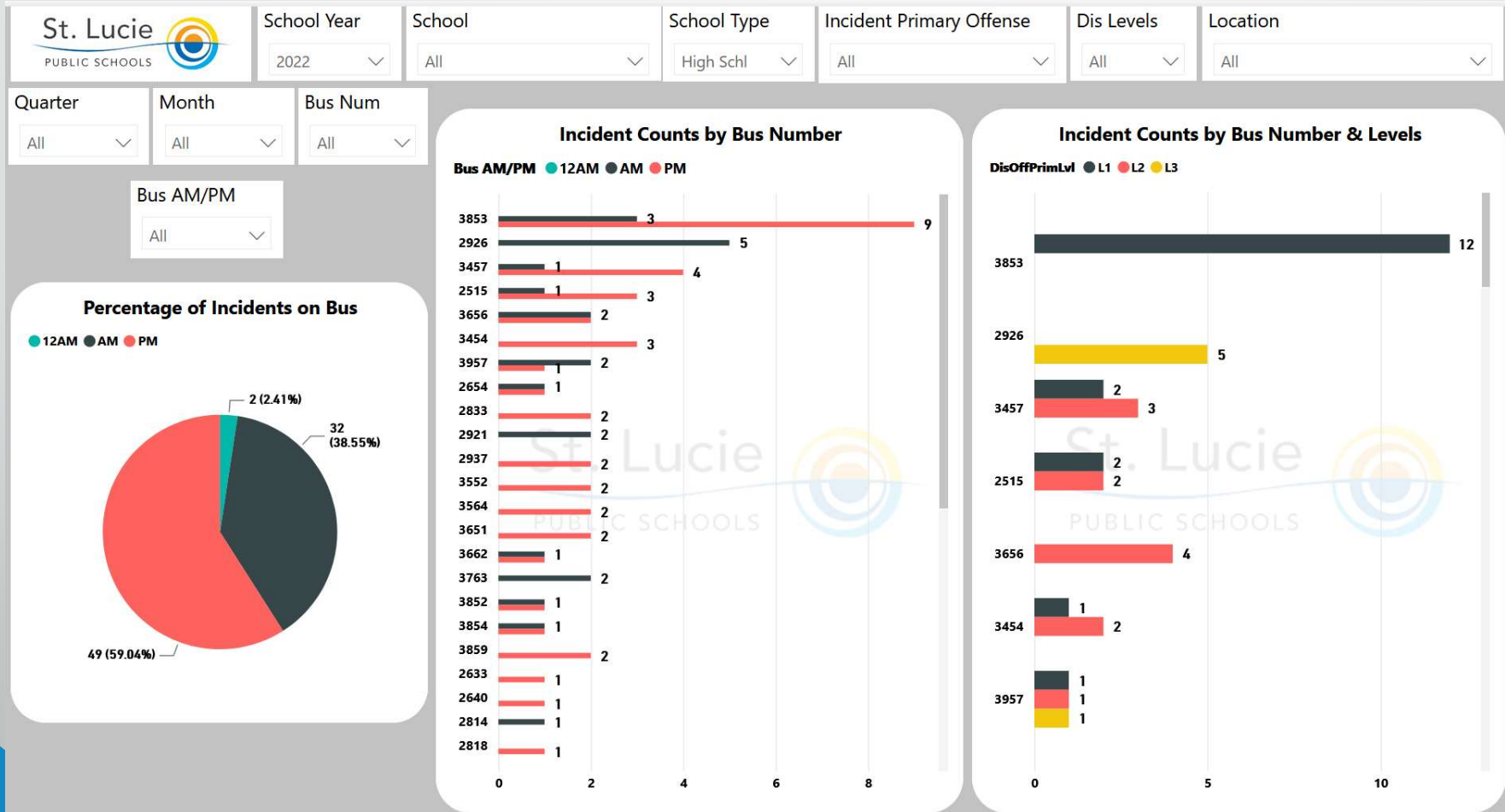
Student Discipline DB (Location)

St. Lucie PUBLIC SCHOOLS 
 School Year: 2022
 School: All
 School Type: High Schl
 Incident Primary Offense: All
 Dis Levels: All
 Location: All

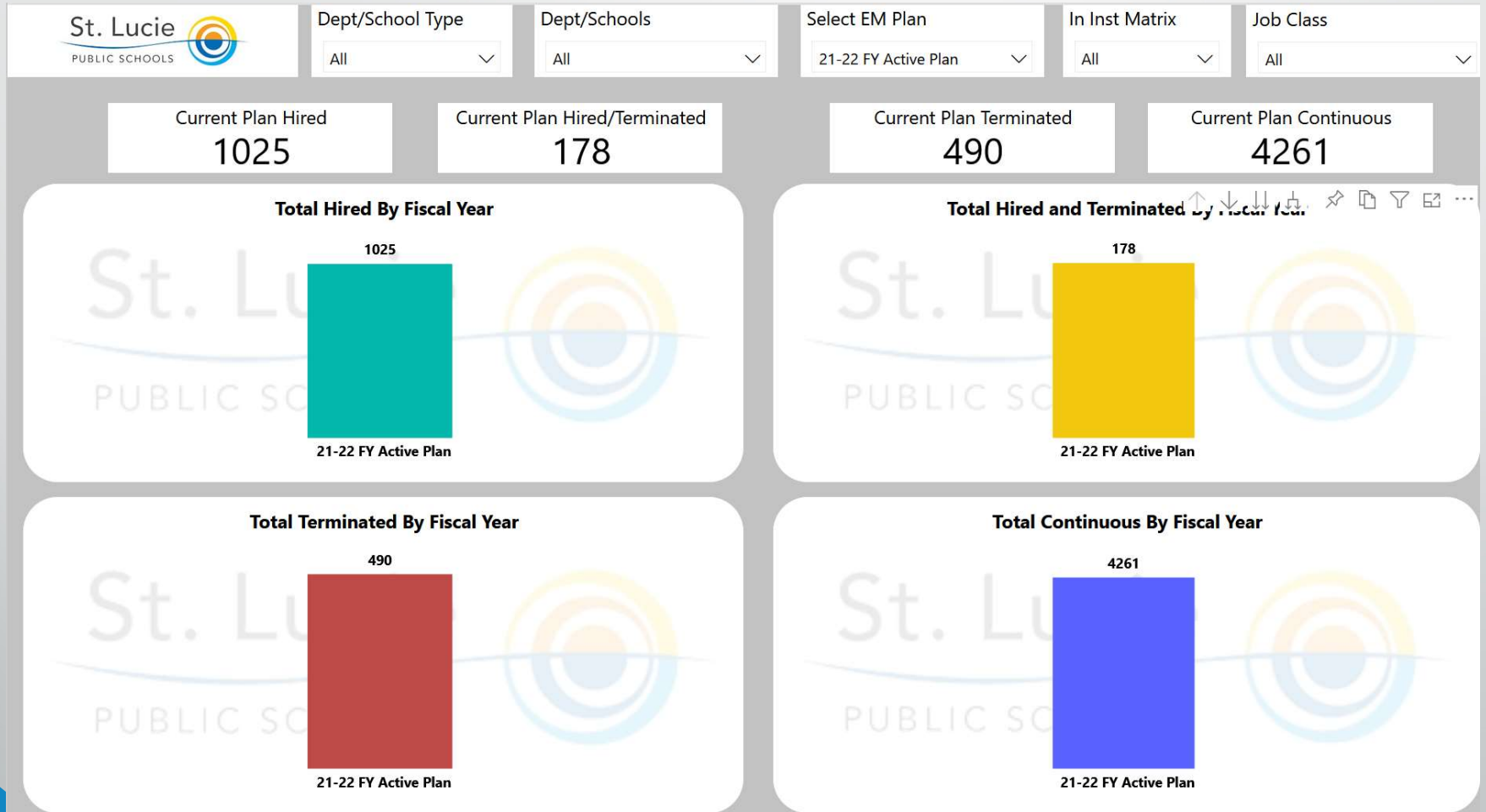
Quarter: All
 Month: All



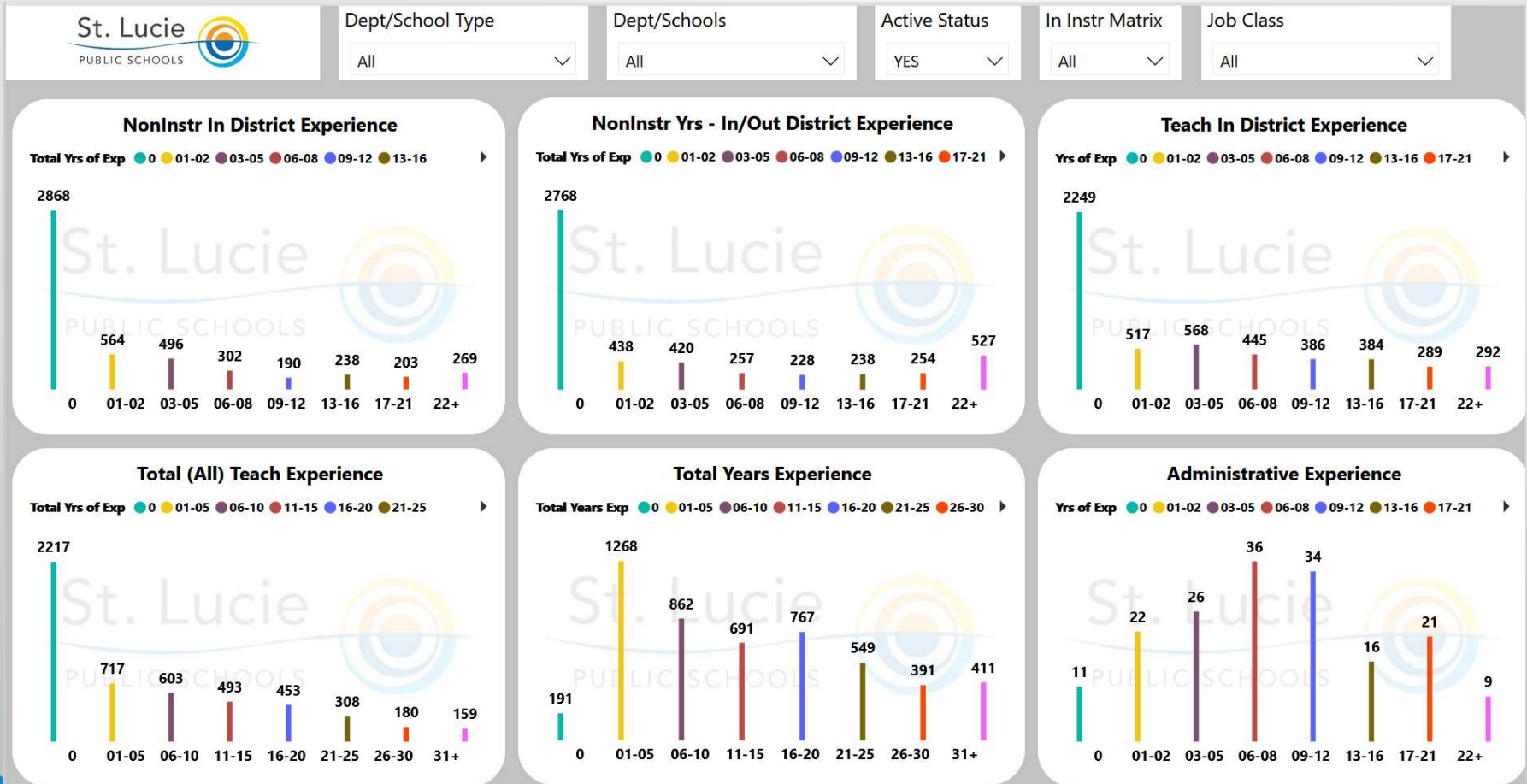
Student Discipline DB (Time of Day)



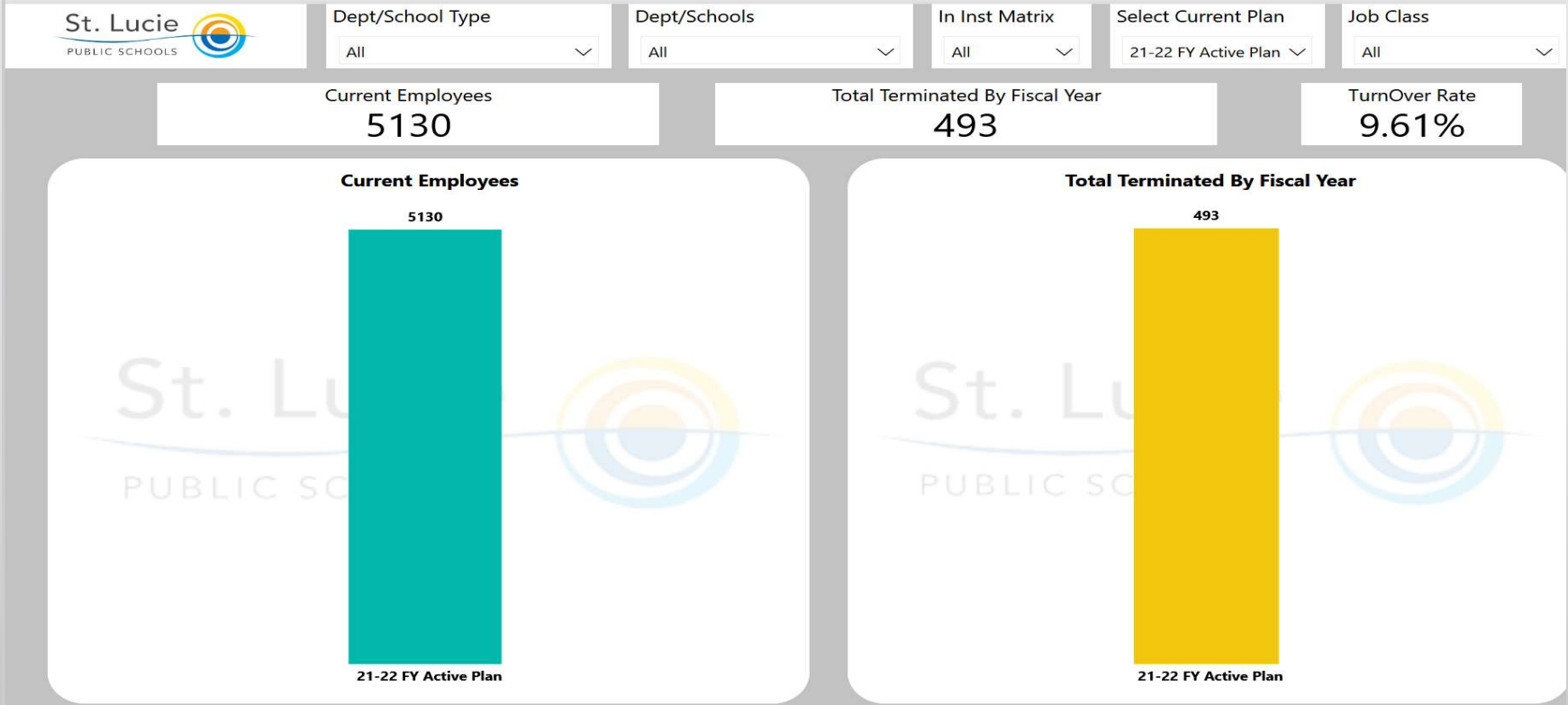
HR Analytics DB



HR Analytics DB (Con't)




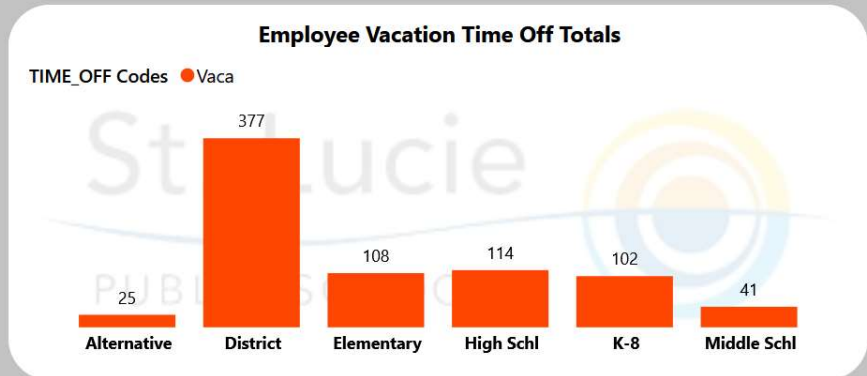
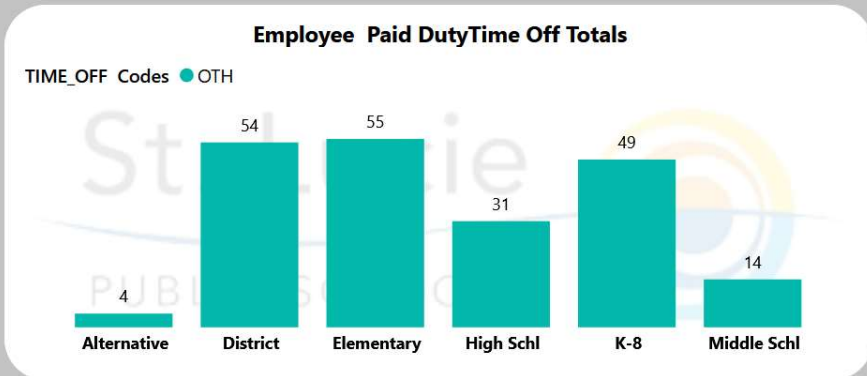
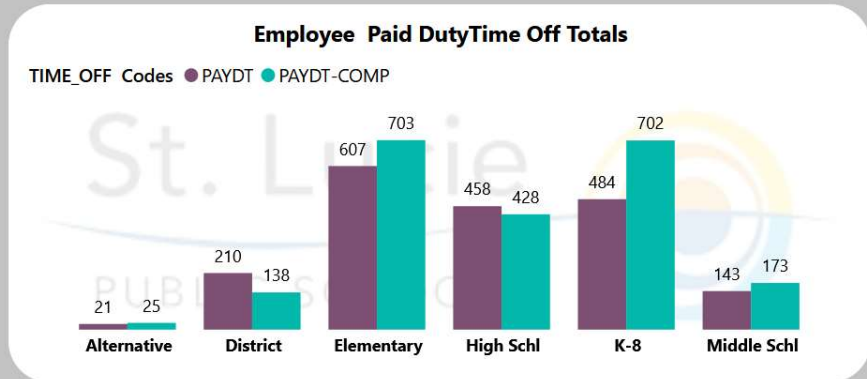
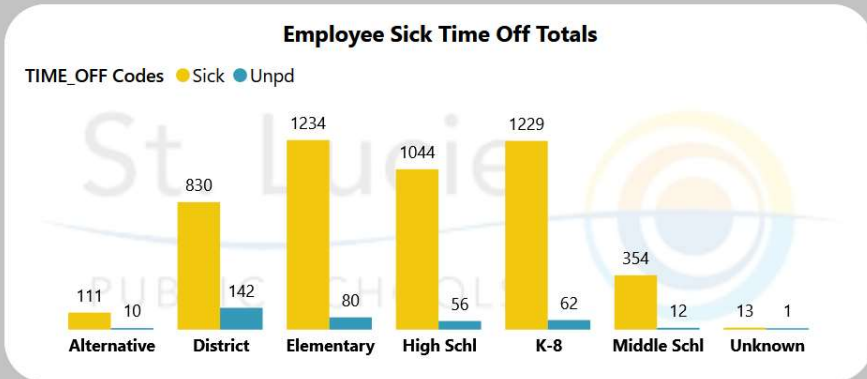
HR Analytics DB (Con't)



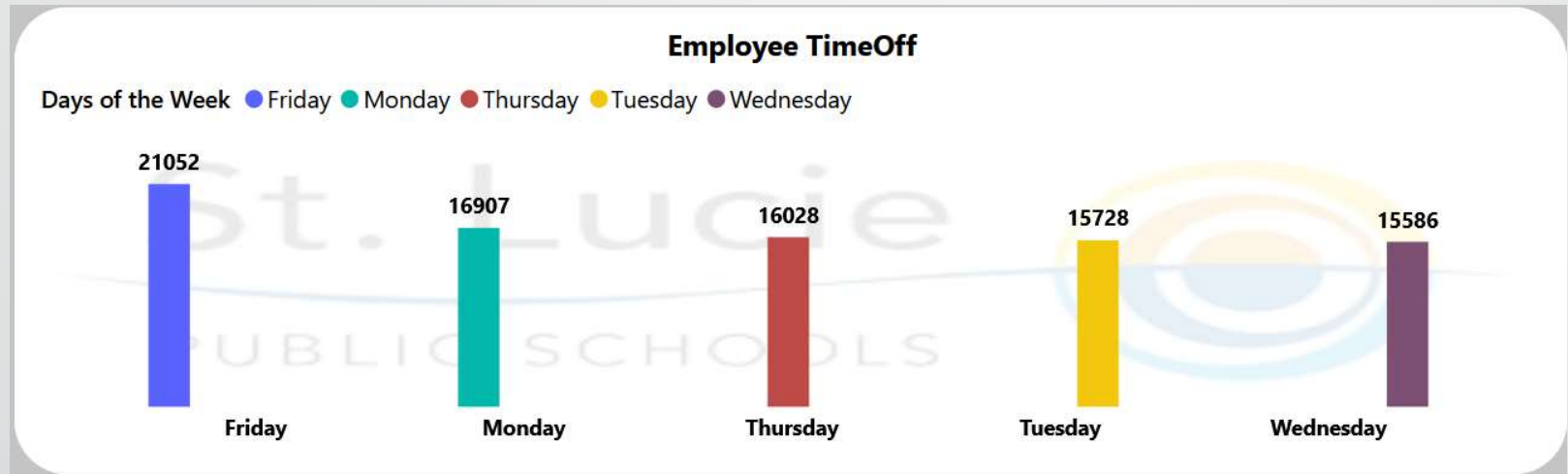
- Turnover Rate during the School Year
- The Termination number includes – Retiree,

HR Analytics DB (Con't)


 Dept/School Type: All | Dept/Schools: All | Active Status: YES | In Inst Matrix: All | Job Class: All | FY Time Off - Year: FY_2021-22
 FY Time Off - Qrt: All | FY Time Off - Month: All

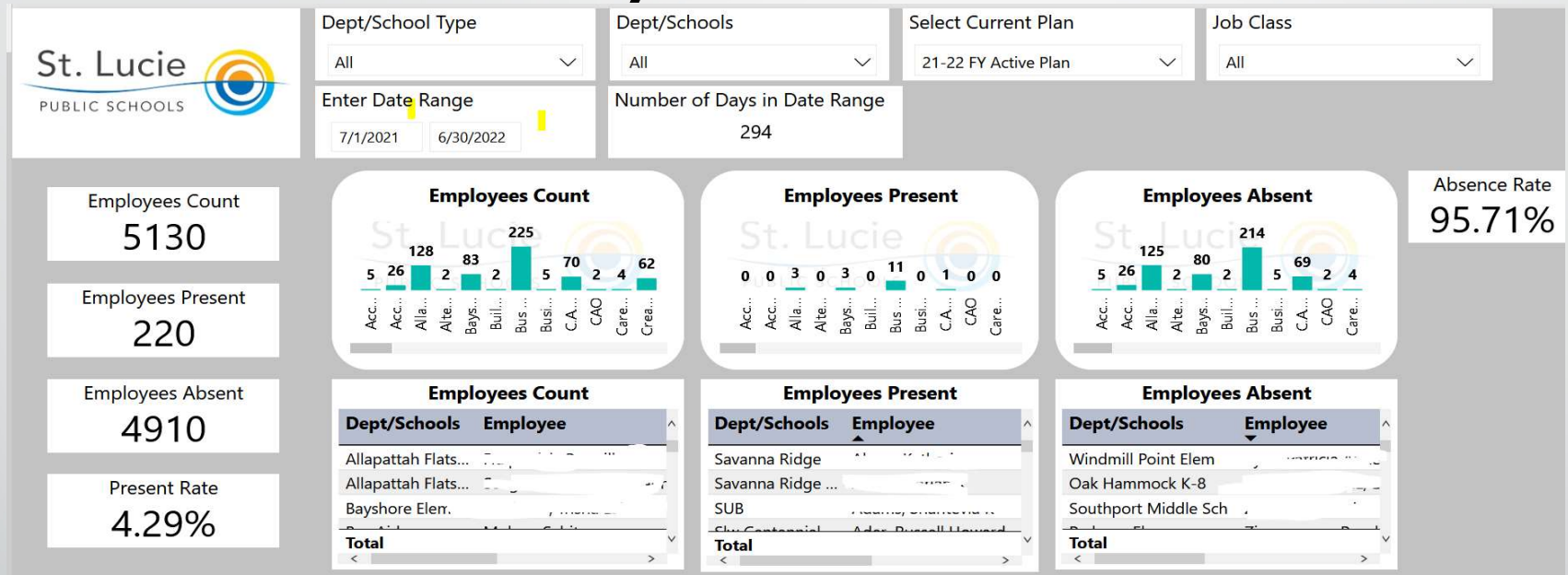


HR Analytics DB (Con't)



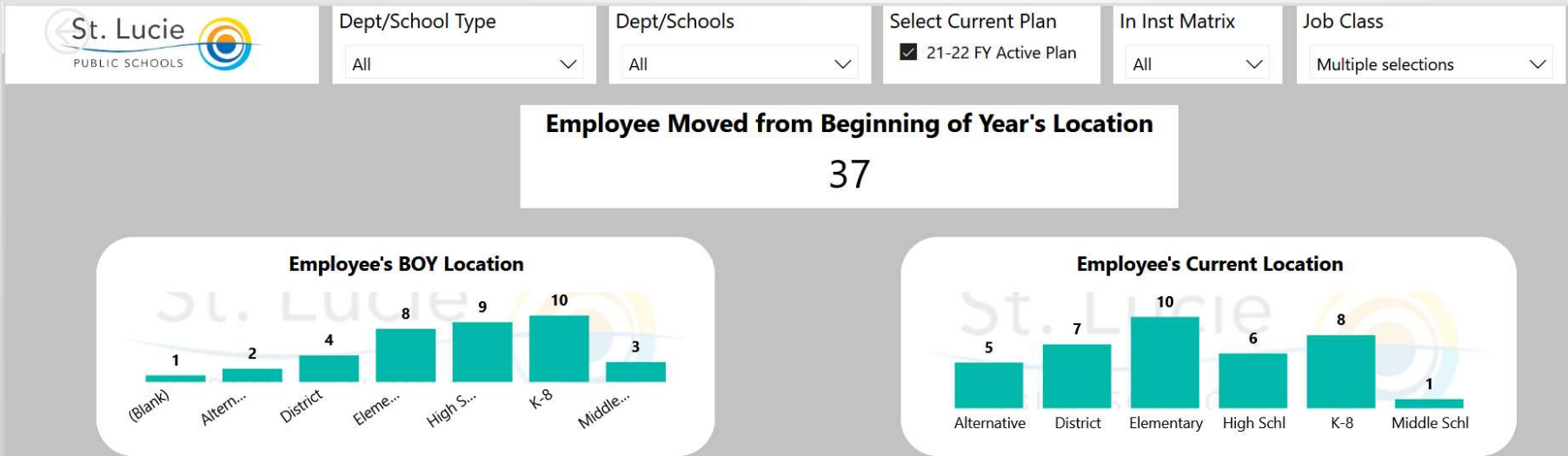
- Time-off taken by the Day of the Week
- Friday – Monday – Thursday – Tuesday – Wednesday (Highest to Lowest)
- View Employees' Time-off by Schools & Departments

HR Analytics DB (Con't)



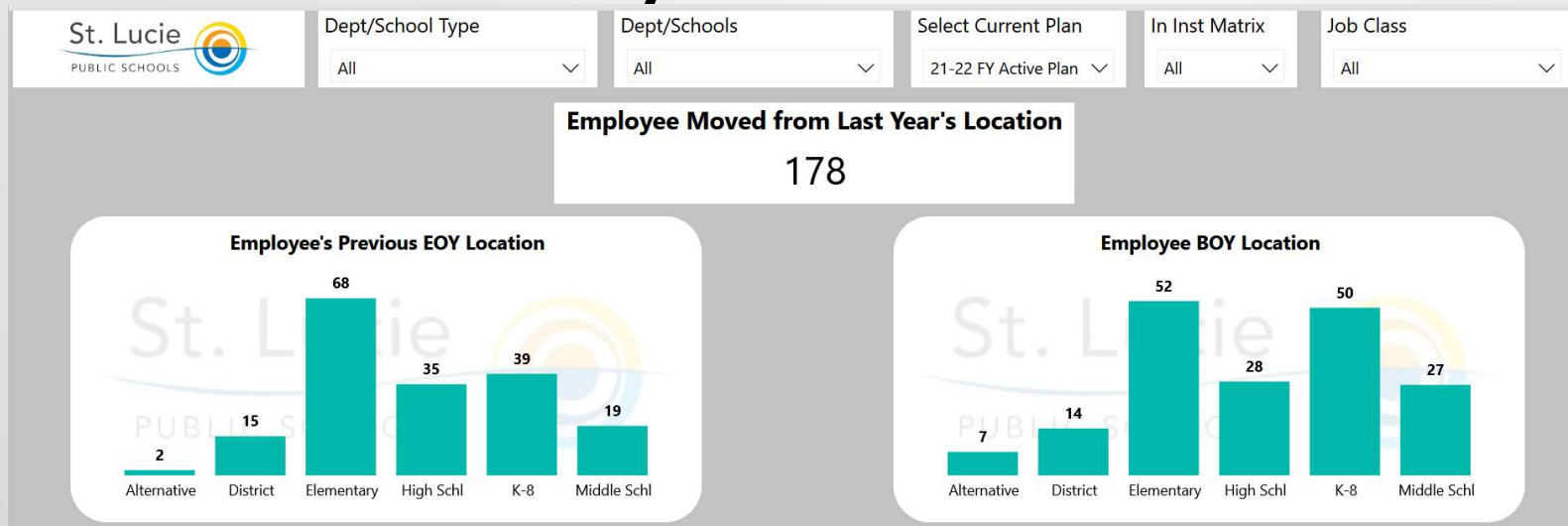
- Attendance Rate by Day
- View Employee Attendance by School and Department

HR Analytics DB (Con't)



- Dashboard on Employee movement. BOY Location vs their current Location
- Analyze movement of employee between Departments and Schools.

HR Analytics DB (Con't)



- Dashboard on Employee movement. EOY Location vs BOY current Location
- Analyze movement of employee between Departments and Schools.

HR Analytics DB (Con't)

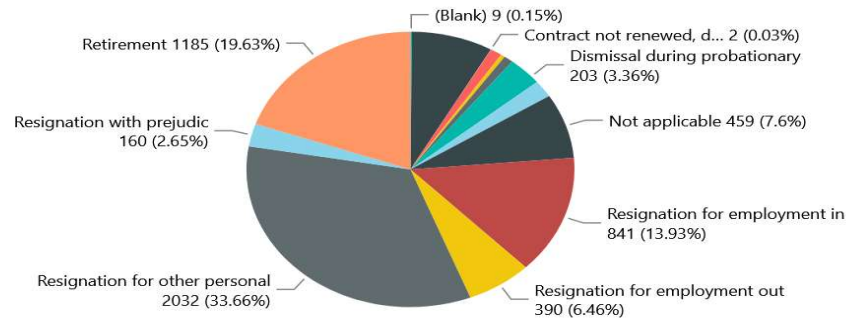


Dept/School Type
All

Dept/Schools
All

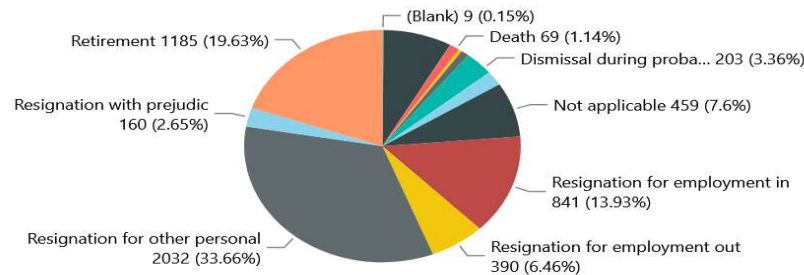
Select Current Plan
21-22 FY Active Plan

District Employees Term Reason



- TERM_CODE_DESC
- (Blank)
 - Contract expired
 - Contract not renewed, due to I
 - Death
 - Disabled
 - Dismissal due to findings by t
 - Dismissal during probationary
 - Job abandonment
 - Not applicable

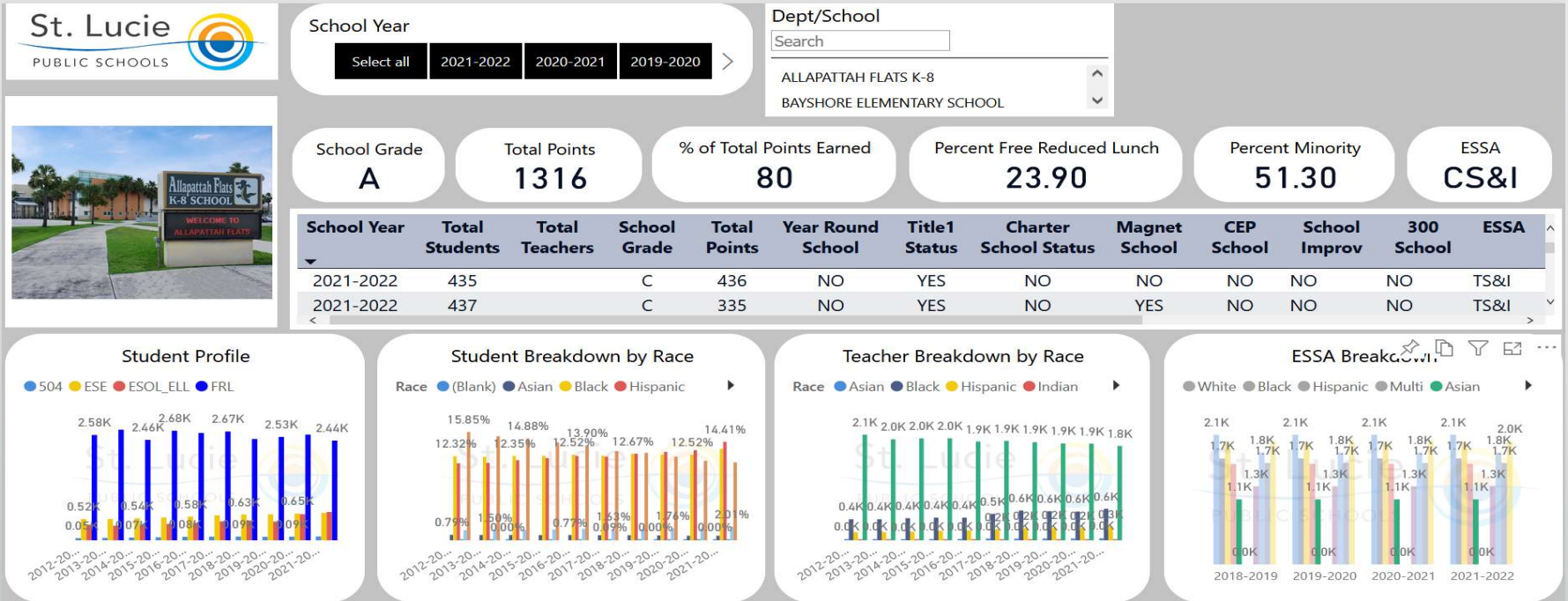
School Employees Term Reason



- TERM_CODE_DESC
- (Blank)
 - Contract expired
 - Contract not renewed, due to I
 - Death
 - Disabled
 - Dismissal due to findings by t
 - Dismissal during probationary
 - Job abandonment

- Analyze Employee Terminations by Departments and Schools.

Leadership Tracking System DB (Wallace Grant)

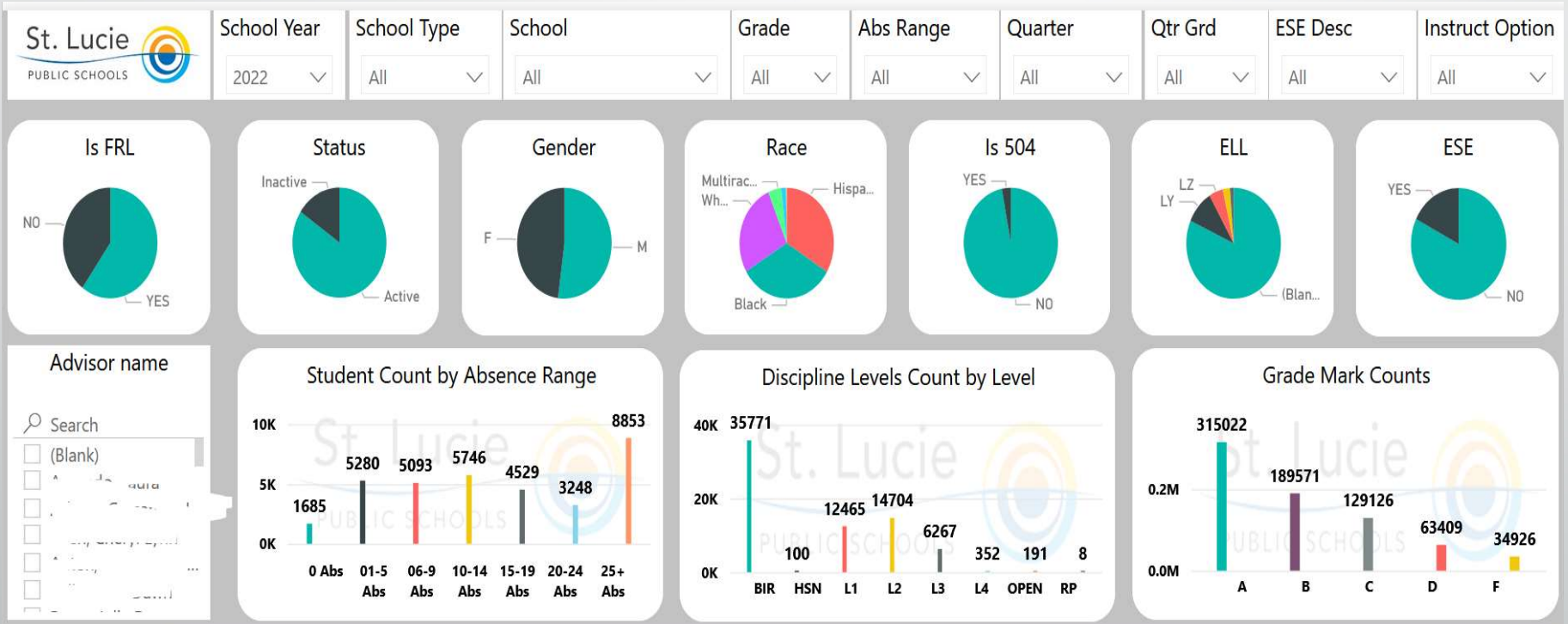


- Leadership Tracking System – Review School Profiles

Leadership Tracking System DB (Wallace Grant)

- We use the Leadership Tracking System to identify future leaders for our Schools and District
- The System store data on Employees
 - Education – Degree Levels, Leadership Programs and Leadership PD
 - School that the Employee worked at and performance of the Schools while they were there. School Grades, Graduation Rates, VAM Scores, Final Evaluations


Social Emotional Intervention DB



Fast Track DB (Applicant Tracking System)

- The Fast Track DB identifies All New Hires for our Professional Development Department.
 - Our PD Department will utilize this information to identify who to invite to our New Teacher Orientation.
 - We identify the New Employees and their years of teaching.
 - All Teachers with minimal experience will be assigned a mentor to work with them.
 - The New Teachers are pulled from our HR System and the Applicant Tracking.
 - The Teachers in the Applicant Tracking System have not been entered as Employees.

Fast Track DB (Applicant Tracking System) (Con't)



St. Lucie
PUBLIC SCHOOLS

School/Dept

All ▼

Assignment Desc

Multiple selections ▼

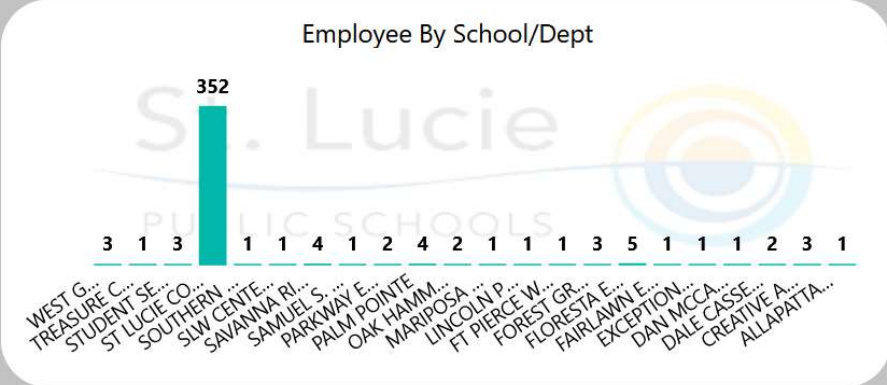
District Employee

All ▼

Date Applied

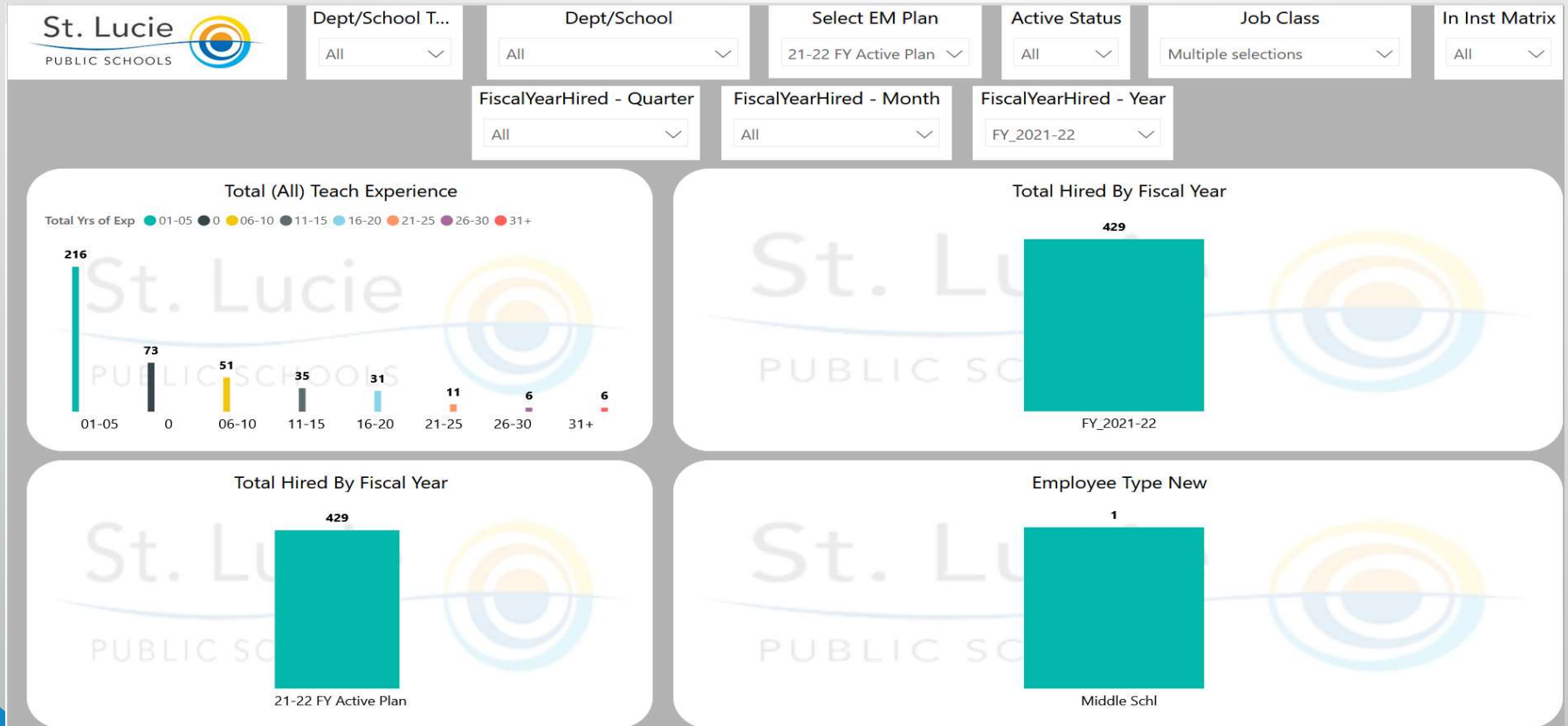
7/1/2021 6/30/2022

Employee By School/Dept

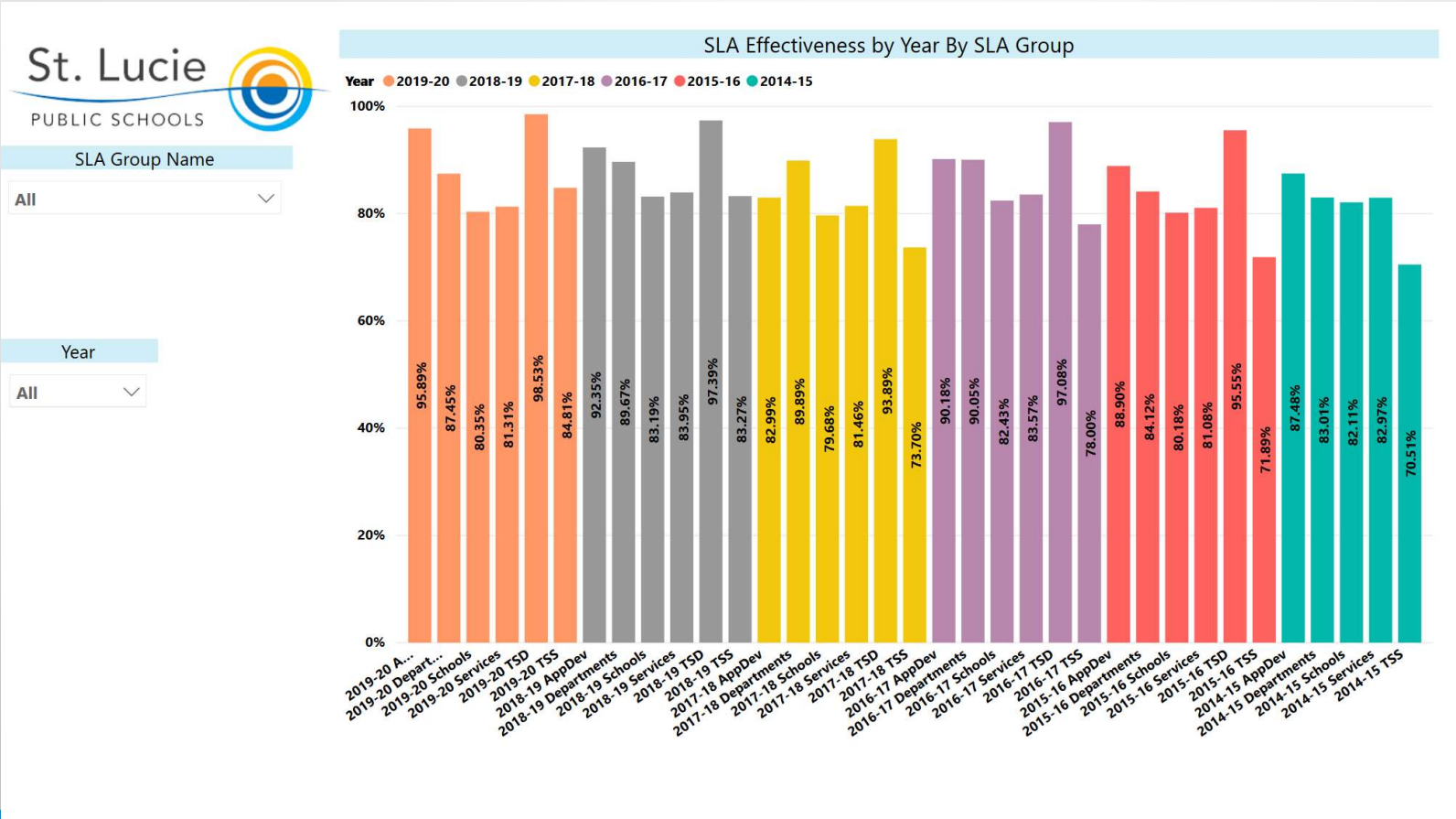


School/Dept	Count
WEST G...	3
TREASURE C...	1
STUDENT SE...	3
ST LUCIE CO...	352
SOUTHERN ...	1
SLW CENTE...	1
SAVANNA RI...	4
SAMUEL S...	1
PARKWAY E...	2
PALM POINTE	4
OAK HAMM...	2
MARIPOSA ...	1
LINCOLN P...	1
FT PIERCE W...	1
FOREST GR...	3
FLORESTA E...	5
FAIRLAWN E...	1
EXCEPTION...	1
DAN MCCA...	1
DALE CASSE...	2
CREATIVE A...	3
ALLAPATTA...	1

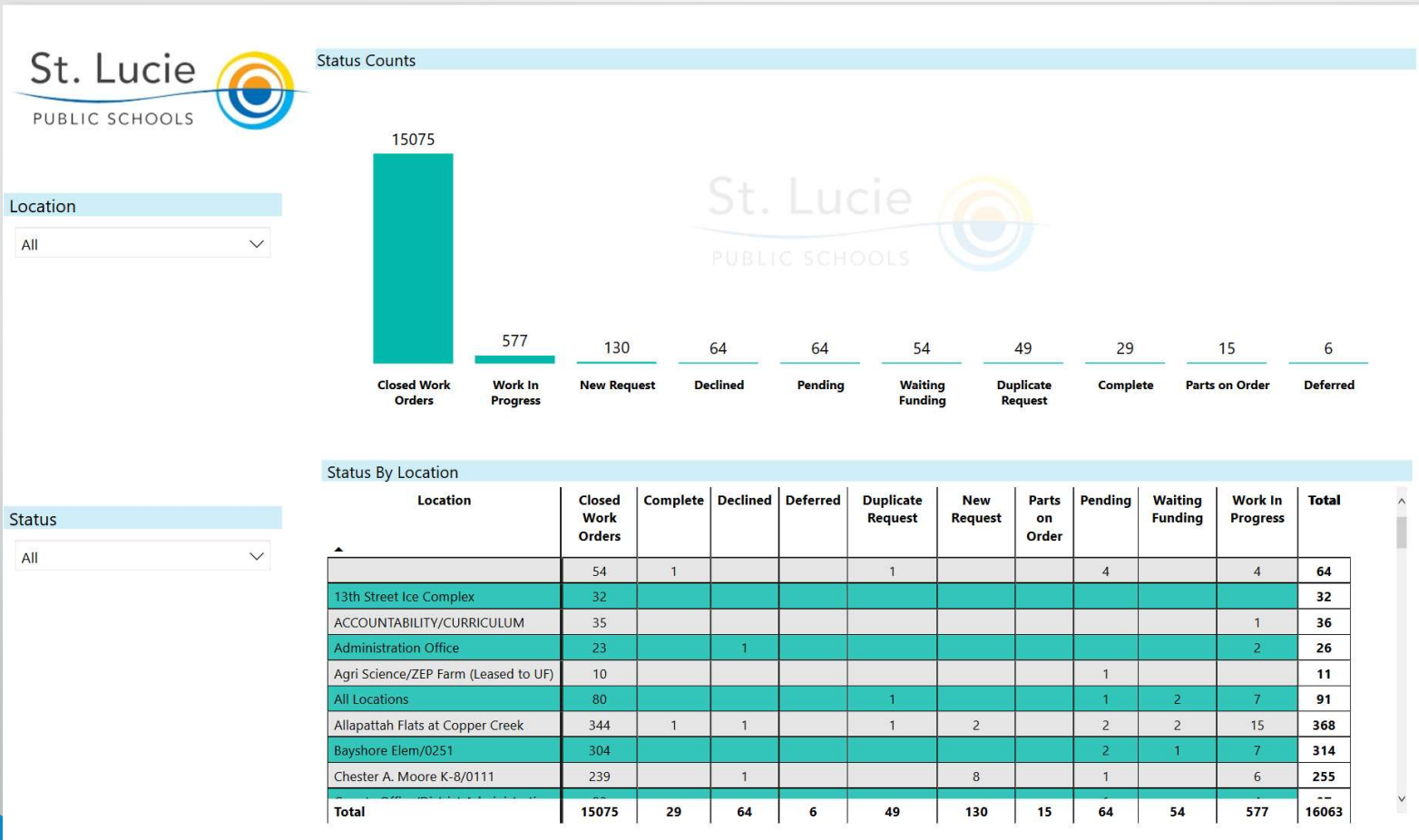
Fast Track DB (Applicant Tracking System) (Con't)



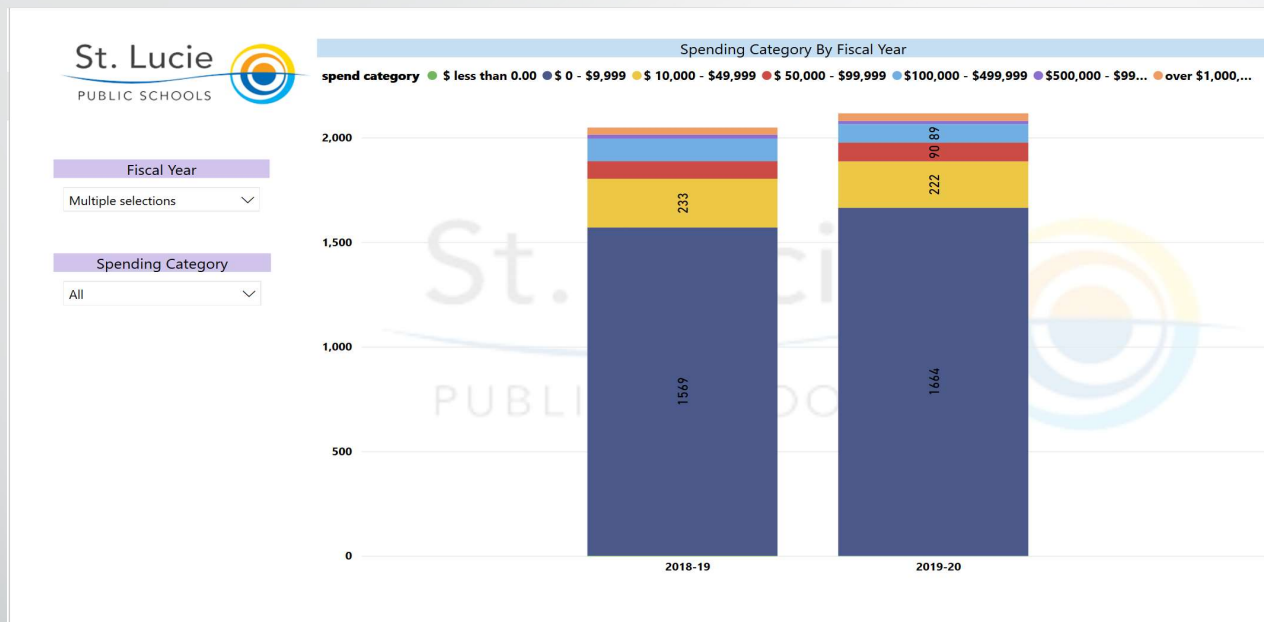
SLA Activities



School Dude DB




Department/School Budget DB

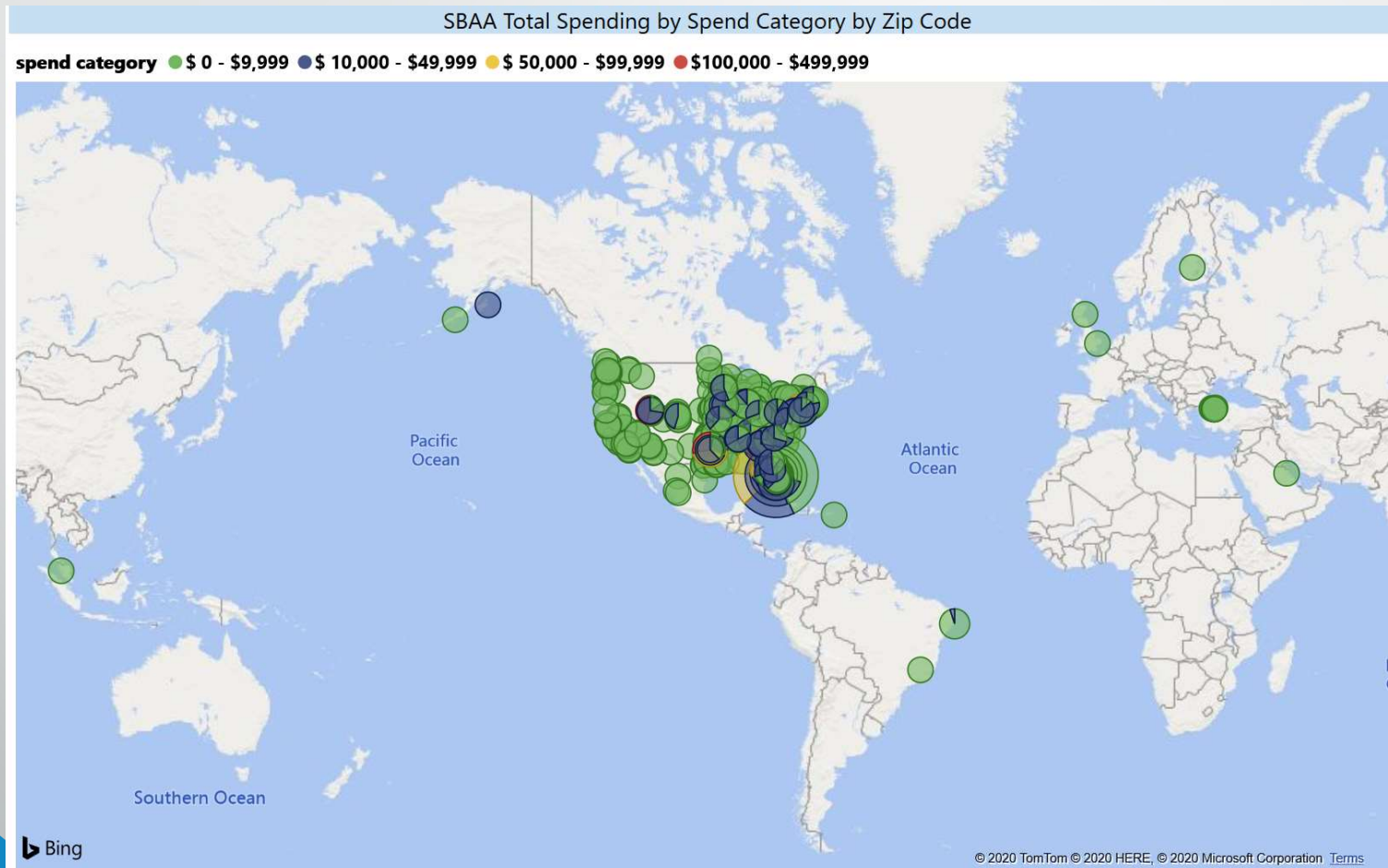


- Vendor Counts by Dollars spend with them
- List Vendors by Dollars spend in order highest to lowest
- Visual that list Vendors by location


Staff Allocations at Schools

 District: <input type="text" value="Multiple s..."/> School Type: <input type="text" value="All"/> School Name: <input type="text" value="All"/>															
Teacher Allocation															
School Name	Calculated Total Teachers Allocated	BOY Allocations	Total Teachers	Diff Total Teachers	Diff Total BOY Teachers	Total Staff Allocated	Total Staff	Difference Total Staff	PreK - 3rd Allocated	PreK-3rd	4th - 8th Allocated	4th-8th h	9th - 12th Allocated	9th-12th	9th-12th
ALLAPATTAH FLATS K-8	57	56	44	13	12	79	65	14	19	16	32	22	0	0	0
BAYSHORE ELEMENTARY SCHOOL	41	39	34	7	5	53	46	7	25	18	12	12	0	0	0
CHESTER A. MOORE ELEMENTARY	25	25	23	2	2	35	35	0	15	11	7	10	0	0	0
CREATIVE ARTS ACADEMY OF SL	23	31	26	-3	5	31	33	-2	6	6	14	17	0	0	0
DAN MCCARTY MIDDLE	41	45	25	16	20	58	45	13	0	0	36	20	0	0	0
FAIRLAWN ELEMENTARY SCHOOL	35	38	37	-2	1	46	48	-2	22	23	9	9	0	0	0
FLORESTA ELEMENTARY SCHOOL	37	35	34	3	1	47	45	2	22	21	11	10	0	0	0
FOREST GROVE MIDDLE SCHOOL	42	44	27	15	17	60	43	17	0	0	37	23	0	0	0
FORT PIERCE CENTRAL HIGH	116	108	100	16	8	148	131	17	0	1	0	0	54	59	0
FORT PIERCE WESTWOOD ACADEMY	79	83	73	6	10	104	99	5	0	3	0	0	37	47	0
FRANCES K. SWEET ELEMENTARY	24	26	19	5	7	32	27	5	14	11	7	6	0	0	0
LAKEWOOD PARK ELEMENTARY	36	35	28	8	7	46	39	7	22	19	10	7	0	0	0
LAWNWOOD ELEMENTARY SCHOOL	41	38	30	11	8	54	44	10	27	19	10	5	0	0	0
LINCOLN PARK ACADEMY	59	67	64	-5	3	84	85	-1	0	0	35	19	15	15	0
MANATEE ACADEMY K-8	82	77	76	6	1	107	102	5	27	25	46	40	0	0	0
MARIPOSA ELEMENTARY SCHOOL	39	37	32	7	5	51	45	6	23	20	12	10	0	0	0
MORNINGSIDE ELEMENTARY SCHOOL	36	32	38	-2	-6	50	53	-3	23	22	9	8	0	0	0
Total	1872	1849	1589	283	260	2521	2246	275	553	476	659	501	243	272	

Department/School Budget DB (Con't)



Financial DB



St. Lucie
PUBLIC SCHOOLS

Fiscal Year

Multiple selections

District

Select all
 56
 72

Facility/Building Type

All

Facility/Building

Search

Select all

- ACCELERATION ACADEMIES - 0212
- ACCOUNTABILITY AND ASSESSMENT - 0566
- ACCOUNTING/PAYROLL DEPT. - 0555
- ACHIEVERS INSTITUTE - 0605
- AGRI-SCIENCE CENTER - 0508
- ALL FEDERAL - 0800
- ALLAPATTAH FLATS K-8 SCHOOL - 0151
- ALTERNATIVE ED - 0213
- ALTERNATIVE ED - 0595
- ASST SUP KERRY PADRICK - 0563
- ASST SUP KEVIN PERRY - 0569
- ASST SUPT SCHL IMPROVE (LYNCH) - 0558
- BAYSHORE ELEMENTARY - 0251

Total Revised Budget By Facility

- 0284	\$0.00
- 0432	\$0.00
- 0630	\$0.00
- 1300	\$0.00
- 9300	\$0.00
*** OLD GCE CNT ...	\$0.00
***OLD GARDEN C...	\$0.00
ACCELERATION A...	\$1,461,000.91
ACCOUNTABILITY ...	\$473,150.78
ACCOUNTING/PA...	\$1,081,212.83
ACHIEVERS INSTI...	\$0.00
AGRI-SCIENCE CE...	\$1,581.58

Total Encumbered Amount By Facility

- 0284	\$0.00
- 0432	\$0.00
- 0630	\$0.00
- 1300	\$0.00
- 9300	\$0.00
*** OLD GCE CNT (DO NOT ...	\$0.00
***OLD GARDEN CITY ELEM...	\$0.00
ACCELERATION ACADEMIES...	\$0.00
ACCOUNTABILITY AND ASS...	\$241.09
ACCOUNTING/PAYROLL DE...	\$0.00
ACHIEVERS INSTITUTE - 0605	\$0.00
AGRI-SCIENCE CENTER - 0508	\$0.00


Total FYTD Activity By Facility

- 0284	\$0.00
- 0432	\$0.00
- 0630	\$0.00
- 1300	\$0.00
- 9300	\$0.00
*** OLD GCE CNT ...	\$0.00
***OLD GARDEN C...	\$0.00
ACCELERATION A...	\$1,458,003.64
ACCOUNTABILITY ...	\$442,126.81
ACCOUNTING/PA...	\$1,141,230.81
ACHIEVERS INSTI...	\$0.00
AGRI-SCIENCE CE...	\$1,591.25

Total Available Funds By Facility

- 0284	\$0.00
- 0432	\$0.00
- 0630	\$0.00
- 1300	\$0.00
- 9300	\$0.00
*** OLD GCE CNT ...	\$0.00
***OLD GARDEN C...	\$0.00
ACCELERATION A...	\$2,997.27
ACCOUNTABILITY ...	\$30,782.88
ACCOUNTING/PA...	(\$60,017.98)
ACHIEVERS INSTI...	\$0.00
AGRI-SCIENCE CE...	(\$9.67)

SLPS Control Choice

St. Lucie PUBLIC SCHOOLS 		School Type	School Path	School	Grade Level	School Year										
		All	BLUE	All	All	2022										
School	High ESE % Capacity	Low ESE % Capacity	High ESE % Enrolled	Low ESE % Enrolled	SES High Cap	SES High Enrolled	SES High Wait	SES High Avail	SES Low Cap	SES Low Enrolled	SES Low Wait	SES Low Avail	Total Cap	Total Enrolled	Total Wait	Total Avail
<input type="checkbox"/> FLORESTA ELEMENTARY SCHOOL	34.44%	65.56%	29.42%	70.58%	218	203	8	15	415	487	16	-72	633	690	24	-57
<input type="checkbox"/> BLUE	34.44%	65.56%	29.42%	70.58%	218	203	8	15	415	487	16	-72	633	690	24	-57
1	36.84%	63.16%	29.91%	70.09%	35	32	0	3	60	75	1	-15	95	107	1	-12
2	36.84%	63.16%	31.78%	68.22%	35	34	3	1	60	73	4	-13	95	107	7	-12
3	36.84%	63.16%	28.30%	71.70%	35	30	3	5	60	76	3	-16	95	106	6	-11
4	26.09%	73.91%	22.61%	77.39%	30	26	0	4	85	89	1	-4	115	115	1	0
5	34.78%	65.22%	32.89%	67.11%	48	49	0	-1	90	100	2	-10	138	149	2	-11
KG	36.84%	63.16%	30.19%	69.81%	35	32	2	3	60	74	5	-14	95	106	7	-11
<input type="checkbox"/> MARIPOSA ELEMENTARY SCHOOL	37.21%	62.79%	34.54%	65.46%	288	257	4	31	486	487	9	-1	774	744	13	30
<input type="checkbox"/> BLUE	37.21%	62.79%	34.54%	65.46%	288	257	4	31	486	487	9	-1	774	744	13	30
1	35.79%	64.21%	39.45%	60.55%	34	43	1	-9	61	66	4	-5	95	109	5	-14
2	35.79%	64.21%	30.91%	69.09%	34	34	0	0	61	76	0	-15	95	110	0	-15
3	29.82%	70.18%	34.71%	65.29%	34	42	2	-8	80	79	1	1	114	121	3	-7
4	40.58%	59.42%	38.71%	61.29%	56	48	1	8	82	76	2	6	138	124	3	14
5	40.58%	59.42%	33.10%	66.90%	56	47	0	9	82	95	0	-13	138	142	0	-4
KG	29.82%	70.18%	32.77%	67.23%	34	39	0	-5	80	80	2	0	114	119	2	-5
P3	50.00%	50.00%			20	0	0	20	20	0	0	20	40	0	0	40
PK	50.00%	50.00%	21.05%	78.95%	20	4	0	16	20	15	0	5	40	19	0	21
<input type="checkbox"/> MORNINGSIDE ELEMENTARY SCHOOL	33.10%	66.90%	40.55%	59.45%	193	264	10	-71	390	387	20	3	583	651	30	-68
<input type="checkbox"/> BLUE	33.10%	66.90%	40.55%	59.45%	193	264	10	-71	390	387	20	3	583	651	30	-68

NOTE: The refresh of this report begins at 7am, 9am, 11am, 1pm, 3pm and 8pm on Monday through Friday. The dashboard refresh may take about 10 minutes to complete. The data is extracted from SKYWARD 10 minutes prior to each refresh.

COVID Dashboard Reporting



Building Type

All

Building

All

Job Class

All

Age Range

All

Race

All

District Positive Counts

39

District Quarantined Counts

59

District Undeclared Counts

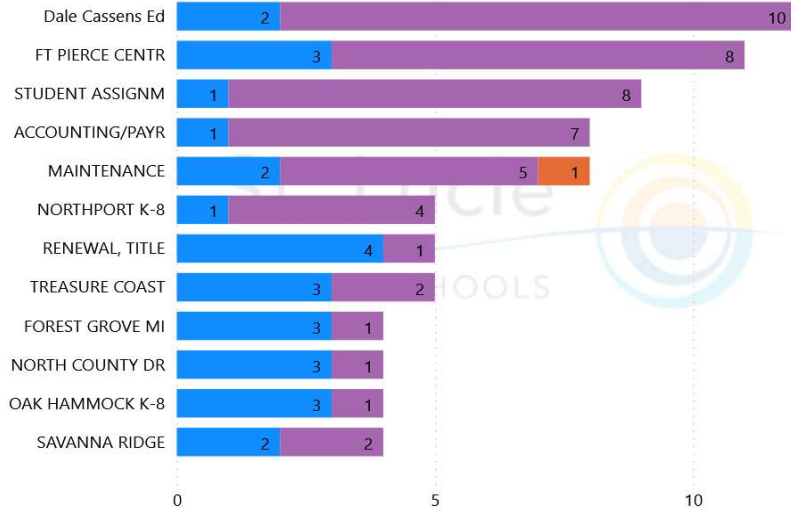
6

District Total Counts

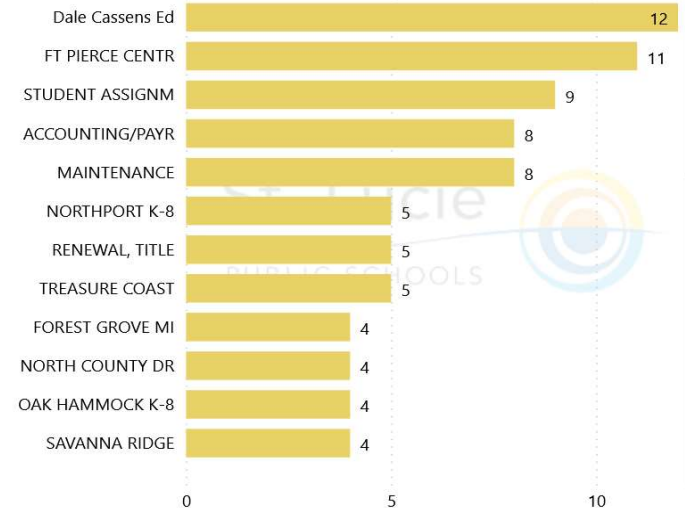
104

Reported Counts by Building Code & Positive/Quarantined

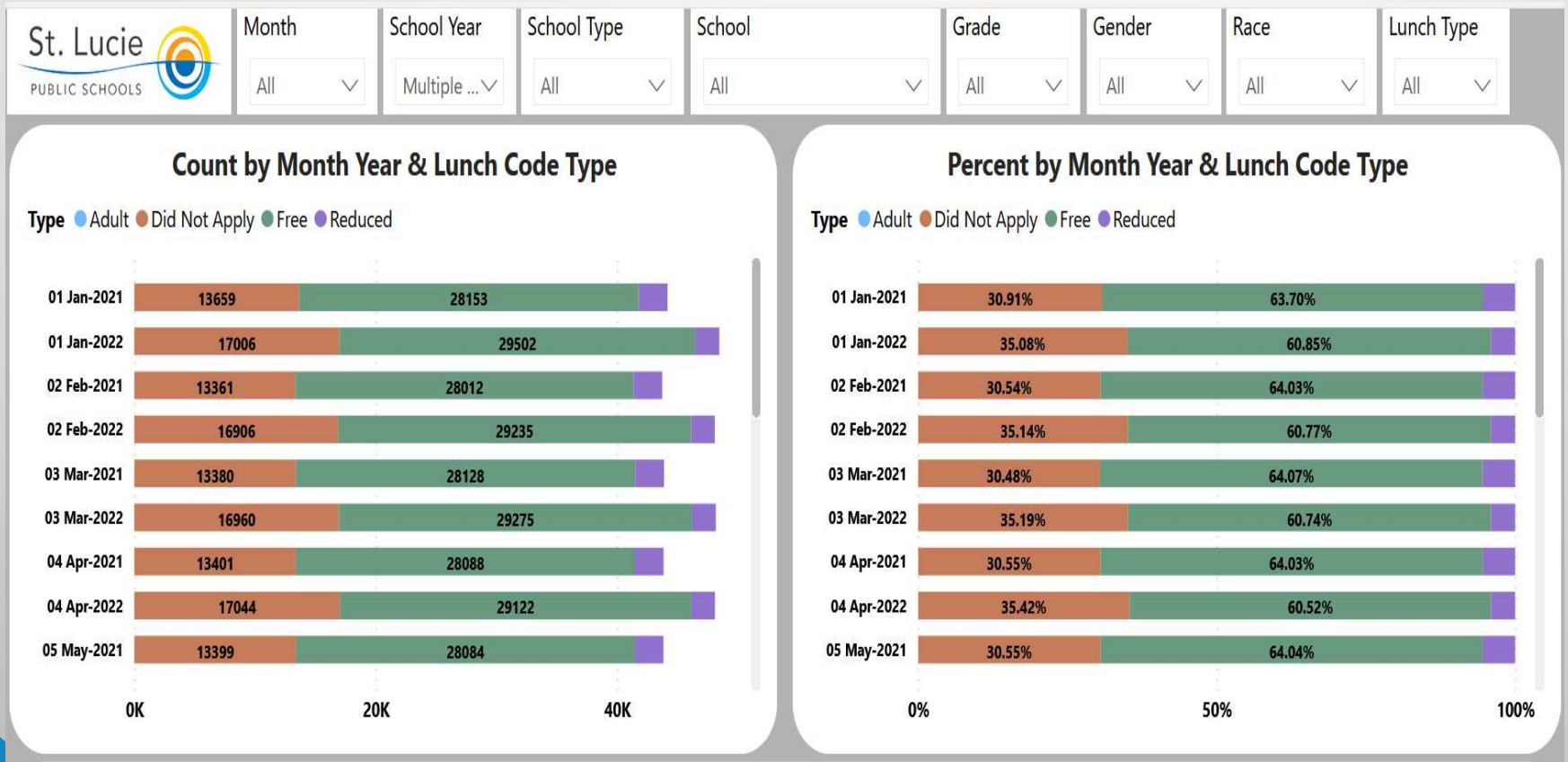
Positive/Quarantined ● Positive ● Quarantined ● Undeclared



Reported Counts Building Code

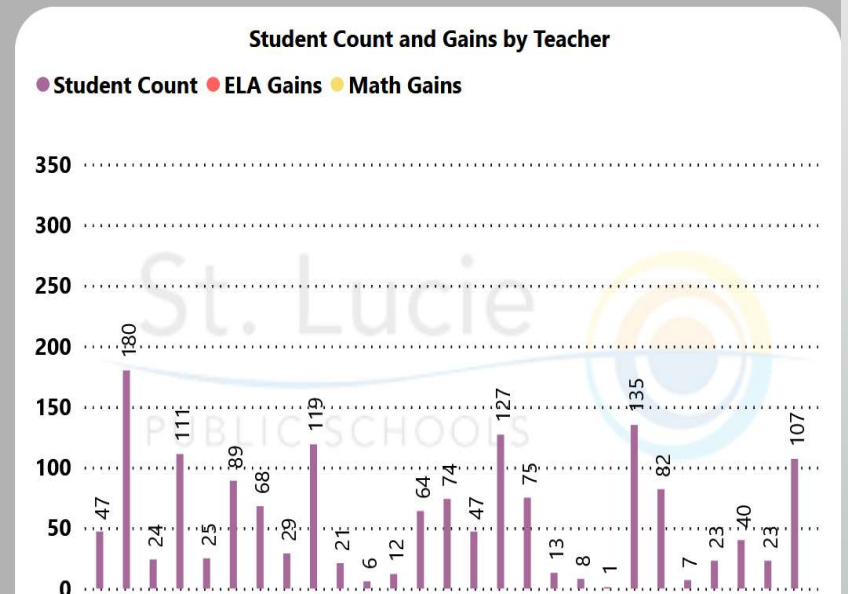
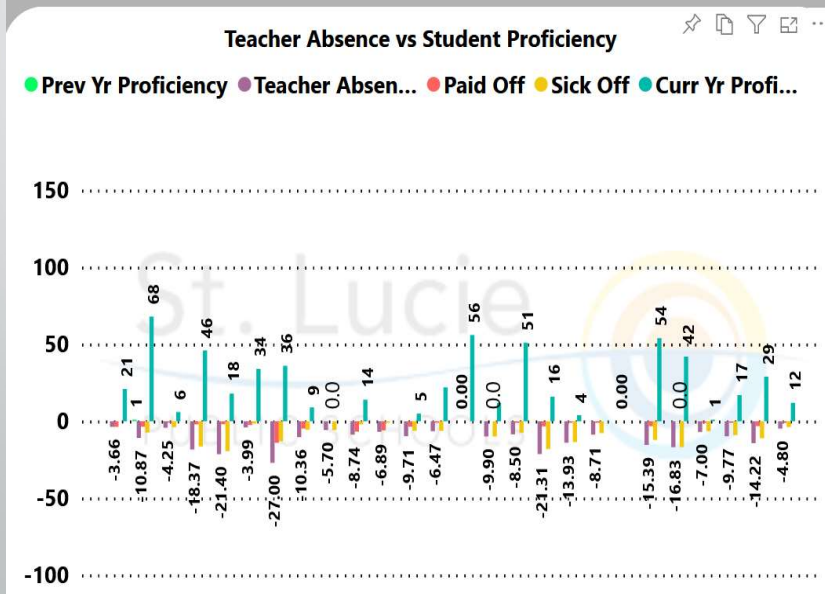


Food Service Free/Reduced Numbers



Teacher Absences vs. Student Proficiency

	Teacher Name Search <input type="checkbox"/> Select all <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	School Year 2021	School Type All	School All	Grade All	Student Race All	Is 504 All	ELL All
	ESE All		Is FRL All	Student Race All	Course Area All	Test Area All		





Questions

- Presenter – Jim Dunn