

SafeBeat **2018 ~ 2019** **FLORIDA** **Screening Report**

***Includes data for screenings complete through April 5, 2019.
Additional update to follow.

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Student Races/Genders

	2018 FLORIDA TOTALS	% of Students Screened	2019 FLORIDA TOTALS	% of Students Screened	FLORIDA TOTALS 2018-2019	%
# OF STUDENTS SCREENED	697		607		1304	
STUDENT RACES						
African-American/Black	104	14.92%	70	11.53%	174	13.23%
Caucasian/White	511	73.31%	433	71.33%	944	72.32%
Latino/Hispanic	33	4.73%	46	7.58%	79	6.16%
Asian/Pacific-Islander	17	2.44%	14	2.31%	31	2.37%
Native American	0	0.00%	1	0.16%	1	0.08%
African	2	0.29%	3	0.49%	5	0.39%
Other	30	4.30%	40	6.59%	70	5.45%
TOTAL	697	100.00%	607	100.00%	1304	100.00%
STUDENT GENDERS						
Male	377	54.09%	372	61.29%	749	57.69%
Female	320	45.91%	235	38.71%	555	42.31%
TOTAL	697	100.00%	607	100.00%	1304	100.00%

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Child Health

	2018 FLORIDA TOTALS	% of Students Screened	2019 FLORIDA TOTALS	% of Students Screened	FLORIDA TOTALS 2018- 2019	%
# OF STUDENTS SCREENED	697		607		1304	
WARNING SIGNS						
Chest Pains During Exercise	39	5.60%	40	6.59%	79	6.09%
Pass Out During or After Exercise	15	2.15%	10	1.65%	25	1.90%
Difficulty Breathing During Exercise	72	10.33%	73	12.03%	145	11.18%
Easily Tired During Exercise	82	11.76%	75	12.36%	157	12.06%
Racing Heart	49	7.03%	48	7.91%	97	7.47%
Seizure-Like Symptoms	2	0.29%	3	0.49%	5	0.39%
Easily Tired Increase Recently	0	0.00%	9	1.48%	9	0.74%
CHILD PREVIOUS HEART DIAGNOSIS						
Previous High Blood Pressure	2	0.29%	0	0.00%	2	0.14%
Previous High Cholesterol	3	0.43%	3	0.49%	6	0.46%
Kawasaki Disease	0	0.00%	0	0.00%	0	0.00%
Heart Infection	0	0.00%	1	0.16%	1	0.08%
Heart Murmur Diagnosis	45	6.46%	34	5.60%	79	6.03%
Atrial Septal Defect	2	0.29%	4	0.66%	6	0.47%
Ventricular Septal Defect	1	0.14%	4	0.66%	5	0.40%
Another Heart Defect	1	0.14%	3	0.49%	4	0.32%

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Child Health

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# OF STUDENTS SCREENED	697		607		1304	
OTHER CHILD PREVIOUS DIAGNOSIS						
Asthma	98	14.06%	87	14.33%	185	14.20%
Anemia	12	1.72%	8	1.32%	20	1.52%
Sickle Cell Anemia	0	0.00%	0	0.00%	0	0.00%
Diabetes	2	0.29%	1	0.16%	3	0.23%
Kidney Disease	2	0.29%	0	0.00%	2	0.14%
Hearing Problems	7	1.00%	5	0.82%	12	0.91%
High Blood Pressure	2	0.29%	0	0.00%	2	0.14%
ADHD	72	10.33%	82	13.51%	154	11.92%
Anxiety or Depression	40	5.74%	49	8.07%	89	6.91%
STUDENTS TAKING MEDICATIONS						
Antihistamine	67	9.61%	50	8.24%	117	8.92%
Anti-Depressants	14	2.01%	22	3.62%	36	2.82%
Antibiotics	5	0.72%	7	1.15%	12	0.94%
Sedatives	0	0.00%	2	0.33%	2	0.16%
Other Medications	145	20.80%	129	21.25%	274	21.03%

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Family History

	2018 # OF STUDENTS SCREENED	% of FLORIDA STUDENTS TOTALS Screened	2019 # OF STUDENTS SCREENED	% of FLORIDA STUDENTS TOTALS Screened	FLORIDA TOTALS 2018- 2019	%
	697		607		1304	
FAMILY HISTORY						
Conditions						
Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC)	10	1.43%	11	1.81%	21	1.62%
Atrial Fibrillation (before the age of 40)	24	3.44%	31	5.11%	55	4.28%
Bradycardia	17	2.44%	19	3.13%	36	2.78%
Brugada Syndrome	0	0.00%	2	0.33%	2	0.16%
Cardiomyopathy	27	3.87%	25	4.12%	52	4.00%
Catecholaminergic Polymorphic Ventricular Tachycardia (cPVT)	3	0.43%	2	0.33%	5	0.38%
Ehlers-Danlos Syndrome	8	1.15%	2	0.33%	10	0.74%
Long QT Syndrome	0	0.00%	5	0.82%	5	0.41%
Marfan Syndrome	4	0.57%	1	0.16%	5	0.37%
Supraventricular Tachycardia	25	3.59%	17	2.80%	42	3.19%
Ventricular Tachycardia	12	1.72%	5	0.82%	17	1.27%
Wolff-Parkinson White Syndrome	5	0.72%	6	0.99%	11	0.85%
Don't Know Family History	112	16.07%	89	14.66%	201	15.37%
None of the Above	485	69.58%	429	70.68%	914	70.13%
Events						
Death from heart problem before 50	80	11.48%	45	7.41%	125	9.45%
Experienced SCA and survived	57	8.18%	65	10.71%	122	9.44%
Death from unknown reason before 50	45	6.46%	32	5.27%	77	5.86%

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Student Sports

	2018 FLORIDA TOTALS	% of Students Screened	2019 FLORIDA TOTALS	% of Students Screened	FLORIDA TOTALS 2018-2019	%
# OF STUDENTS SCREENED	697		607		1304	
PLAY SPORTS?						
Yes	424	60.83%	371	61.12%	795	60.98%
No	273	39.17%	236	38.88%	509	39.02%
TOTAL	697	100.00%	607	100.00%	1304	100.00%
SPORTS LEVELS						
No sports	278	39.89%	327	53.87%	605	46.88%
Club/Select	77	11.05%	53	8.73%	130	9.89%
Recreational/Intramural	139	19.94%	74	12.19%	213	16.07%
Middle School	110	15.78%	110	18.12%	220	16.95%
High School	98	14.06%	133	21.91%	231	17.99%
College	0	0.00%	0	0.00%	0	0.00%
Professional	0	0.00%	0	0.00%	0	0.00%

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Student Sport Participation

	2018 FLORIDA TOTALS	% of Students Screened	2019 FLORIDA TOTALS	% of Students Screened	FLORIDA TOTALS 2018-2019	%
# OF STUDENTS SCREENED	697		607		1304	
SPORTS PARTICIPATION						
Baseball	84	12.05%	54	8.90%	138	10.47%
Basketball	95	13.63%	69	11.37%	164	12.50%
Cheer	26	3.73%	36	5.93%	62	4.83%
Cross Country	34	4.88%	29	4.78%	63	4.83%
Cycling	2	0.29%	3	0.49%	5	0.39%
Field Hockey	0	0.00%	0	0.00%	0	0.00%
Flag Football	38	5.45%	32	5.27%	70	5.36%
Football	95	13.63%	92	15.16%	187	14.39%
Fencing	0	0.00%	0	0.00%	0	0.00%
Frisbee	0	0.00%	1	0.16%	1	0.08%
Golf	15	2.15%	8	1.32%	23	1.74%
Gymnastics	26	3.73%	13	2.14%	39	2.94%
Hockey	0	0.00%	0	0.00%	0	0.00%

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Student Sport Participation

	2018 FLORIDA TOTALS	% of Students Screened	2019 FLORIDA TOTALS	% of Students Screened	FLORIDA TOTALS 2018-2019	%
# OF STUDENTS SCREENED	697		607		1304	
Lacrosse	3	0.43%	8	1.32%	11	0.87%
Martial Arts	13	1.87%	9	1.48%	22	1.67%
Rowing	1	0.14%	0	0.00%	1	0.07%
Rugby	0	0.00%	0	0.00%	0	0.00%
Soccer	93	13.34%	63	10.38%	156	11.86%
Softball	52	7.46%	17	2.80%	69	5.13%
Skiing	2	0.29%	0	0.00%	2	0.14%
Squash	0	0.00%	0	0.00%	0	0.00%
Swimming/Diving	27	3.87%	31	5.11%	58	4.49%
Tennis	16	2.30%	12	1.98%	28	2.14%
Track	26	3.73%	72	11.86%	98	7.80%
Volleyball	55	7.89%	24	3.95%	79	5.92%
Water Polo	0	0.00%	1	0.16%	1	0.08%
Wrestling	8	1.15%	31	5.11%	39	3.13%

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Findings

	2018 FLORIDA TOTALS	% of Students Screened	2019 FLORIDA TOTALS	% of Students Screened	FLORIDA TOTALS 2018-2019	%
# OF STUDENTS SCREENED	697		607		1304	
HYPERTENSION						
Normal (<90%)	291	41.75%	215	35.42%	506	38.59%
Elevated (90-94%)	135	19.37%	149	24.55%	284	21.96%
Hypertension Stage 1 (95-99%)	187	26.83%	162	26.69%	349	26.76%
Hypertension Stage 2 (>99%)	84	12.05%	81	13.34%	165	12.70%
Total	697	100%	607	100.00%	1304	100.00%
OBESITY						
Underweight (< 5th %ile)	20	2.87%	0	0.00%	20	1.43%
Normal BMI (5th - 85th %ile)	436	62.55%	405	66.72%	841	64.64%
Overweight or obese (≥ 85th %ile)*	116	16.64%	102	16.80%	218	16.72%
Obese (≥ 95th %ile)	124	17.79%	100	16.47%	224	17.13%
BMI >60	1	0.14%		0.00%	1	0.07%
Total	697	100%	607	100.00%	1304	100.00%

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Findings / Referrals

	2018 FLORIDA TOTALS	% of Students Screened	2019 FLORIDA TOTALS	% of Students Screened	FLORIDA TOTALS 2018-2019	%
# OF STUDENTS SCREENED	697		607		1304	
ECG FINDINGS						
Normal	648	92.97%	544	89.62%	1192	91.30%
Abnormal	49	7.03%	63	10.38%	112	8.70%
TOTAL	697	100.00%	607	100.00%	1304	100.00%
REFERRALS - one or the other						
Contact Cardiologist	112	16.07%	44	7.25%	156	11.66%
Contact Pediatrician	156	22.38%	191	31.47%	347	26.92%

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