

SafeBeat **2019** **CLAY COUNTY FLORIDA** **Screening Report**

***Includes data for screenings complete through April 17, 2019.

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Student Races/Genders

	2019 CLAY COUNTY TOTALS	% of Students Screened
# OF STUDENTS SCREENED	651	
STUDENT RACES		
African-American/Black	83	12.75%
Caucasian/White	454	69.74%
Latino/Hispanic	48	7.37%
Asian/Pacific-Islander	18	2.76%
Native American	1	0.15%
African	3	0.46%
Other	44	6.76%
TOTAL	651	100.00%
STUDENT GENDERS		
Male	402	61.75%
Female	249	38.25%
TOTAL	651	100.00%

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Child Health

	2019 CLAY COUNTY TOTALS	% of Students Screened
# OF STUDENTS SCREENED	651	
WARNING SIGNS		
Chest Pains During Exercise	41	6.30%
Pass Out During or After Exercise	12	1.84%
Difficulty Breathing During Exercise	77	11.83%
Easily Tired During Exercise	78	11.98%
Racing Heart	50	7.68%
Seizure-Like Symptoms	3	0.46%
Easily Tired Increase Recently	10	1.54%
CHILD PREVIOUS HEART DIAGNOSIS		
Previous High Blood Pressure	0	0.00%
Previous High Cholesterol	3	0.46%
Kawasaki Disease	0	0.00%
Heart Infection	1	0.15%
Heart Murmur Diagnosis	37	5.68%
Atrial Septal Defect	5	0.77%
Ventricular Septal Defect	5	0.77%
Another Heart Defect	3	0.46%

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Child Health

	2019 CLAY COUNTY TOTALS	% of Students Screened
# OF STUDENTS SCREENED	651	
OTHER CHILD PREVIOUS DIAGNOSIS		
Asthma	93	14.29%
Anemia	8	1.23%
Sickle Cell Anemia	0	0.00%
Diabetes	1	0.15%
Kidney Disease	0	0.00%
Hearing Problems	5	0.77%
High Blood Pressure	0	0.00%
ADHD	85	13.06%
Anxiety or Depression	52	7.99%
STUDENTS TAKING MEDICATIONS		
Antihistamine	55	8.45%
Anti-Depressants	22	3.38%
Antibiotics	7	1.08%
Sedatives	2	0.31%
Other Medications	142	21.81%

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Family History

	2019 CLAY COUNTY TOTALS	% of Students Screened
# OF STUDENTS SCREENED	651	
FAMILY HISTORY		
Conditions		
Arrhythmogenic Right Ventricular Cardiomyopathy (ARVC)	12	1.84%
Atrial Fibrillation (before the age of 40)	33	5.07%
Bradycardia	20	3.07%
Brugada Syndrome	2	0.31%
Cardiomyopathy	28	4.30%
Catecholaminergic Polymorphic Ventricular Tachycardia (cPVT)	2	0.31%
Ehlers-Danlos Syndrome	2	0.31%
Long QT Syndrome	5	0.77%
Marfan Syndrome	1	0.15%
Supraventricular Tachycardia	20	3.07%
Ventricular Tachycardia	6	0.92%
Wolff-Parkinson White Syndrome	6	0.92%
Don't Know Family History	98	15.05%
None of the Above	455	69.89%
Events		
Death from heart problem before 50	51	7.83%
Experienced SCA and survived	68	10.45%
Death from unknown reason before 50	33	5.07%

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Student Sports

	2019 CLAY COUNTY TOTALS	% of Students Screened
# OF STUDENTS SCREENED	651	
PLAY SPORTS?		
Yes	399	61.29%
No	252	38.71%
TOTAL	651	100.00%
SPORTS LEVELS		
No sports	299	45.93%
Club/Select	55	8.45%
Recreational/Intramural	80	12.29%
Middle School	110	16.90%
High School	154	23.66%
College	0	0.00%
Professional	0	0.00%

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Student Sport Participation

	2019 CLAY COUNTY TOTALS	% of Students Screened
# OF STUDENTS SCREENED	651	
SPORTS PARTICIPATION		
Baseball	57	8.76%
Basketball	72	11.06%
Cheer	36	5.53%
Cross Country	30	4.61%
Cycling	3	0.46%
Field Hockey	0	0.00%
Flag Football	35	5.38%
Football	100	15.36%
Fencing	0	0.00%
Frisbee	2	0.31%
Golf	8	1.23%
Gymnastics	14	2.15%
Hockey	0	0.00%

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Student Sport Participation

	2019 CLAY COUNTY TOTALS	% of Students Screened
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SPORTS PARTICIPATION		
Lacrosse	8	1.23%
Martial Arts	11	1.69%
Rowing	0	0.00%
Rugby	0	0.00%
Soccer	68	10.45%
Softball	17	2.61%
Skiing	0	0.00%
Squash	0	0.00%
Swimming/Diving	38	5.84%
Tennis	16	2.46%
Track	78	11.98%
Volleyball	24	3.69%
Water Polo	1	0.15%
Wrestling	32	4.92%

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Findings

	2019 CLAY COUNTY TOTALS	% of Students Screened
# OF STUDENTS SCREENED	651	
HYPERTENSION		
Normal (<90%)	233	35.79%
Elevated (90-94%)	156	23.96%
Hypertension Stage 1 (95-99%)	178	27.34%
Hypertension Stage 2 (>99%)	84	12.90%
Total	651	100.00%
OBESITY		
Underweight (< 5th %ile)	0	0.00%
Normal BMI (5th - 85th %ile)	435	66.82%
Overweight or obese (≥ 85th %ile)*	110	16.90%
Obese (≥ 95th %ile)	106	16.28%
BMI >60		0.00%
Total	651	100.00%

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Findings / Referrals

	2019 CLAY COUNTY TOTALS	% of Students Screened
# OF STUDENTS SCREENED	651	
ECG FINDINGS		
Normal	584	89.71%
Abnormal	66	10.14%
Didn't Check	1	0.15%
TOTAL	651	100.00%
REFERRALS - one or the other		
Contact Cardiologist	51	7.83%
Contact Pediatrician	197	30.26%

** Note: A “Didn’t Check” ECG Finding occurs when a child refuses to be screened, usually due to special needs factors, even though a parent has registered them.

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