

## Trend Index

Over the past several years many of our schools have undergone changes in their demographic make-up, population size and socio-economics. These changes reflect trends in the surrounding neighborhoods and communities and affect resources schools need to respond to their changing populations. A previous report describing factors that affect FCAT performance suggested that at the elementary and middle school levels the poverty at the school and the percent minority at the school affect's the schools performance on the FCAT. The less affluent the school and the higher the percent of Blacks and Hispanics at the school the poorer the school performed on the FCAT. At the high school level, mobility and enrollment changes affected the school's performance on the FCAT. The higher the mobility and the more fluctuations in enrollment a school experienced the poorer their performance on the FCAT.

This report analyzes factors that may affect school performance on the FCAT and compiles them into a single indicator called the ***Trend Index***. This index describes changes in the population at each individual school over a period of time. Enrollment changes that occurred from 2001 to 2004, changes in racial/ethnic makeup from 2001 to 2004, and changes in free/reduced lunch recipients from 2000 to 2003 are used.

At the elementary school level the Trend Index is calculated based upon changes in minority enrollment occurring from May 2001 to April 2004 as well as changes in the percent of students receiving free/reduced lunch from February 2000 to February 2003.

At the middle school level the Trend Index is based upon changes in minority enrollment occurring from May 2001 to April 2004 as well as changes in the percent of students receiving free/reduced lunch from February 2000 to February 2003.

At the high school level the Trend Index is based upon the changes in minority enrollment as well as the overall changes in enrollment and mobility (Disruption Index changes) at the school.

## Trend Changes Elementary Schools

School	% White Change	% Black Change	% Hispanic Change	Minority Changes	Free/Red Lunch Changes	Trend Index (socio-minority)
Pine Castle	-14	5	8	13	11	12
Dillard Street	-12	0	8	8	12	12
Frangus, William	-15	14	-1	13	8	12
Lake Silver	-15	13	-1	12	7	11
Little River	-15	1	13	14	6	10
Winegard	-12	1	9	10	9	10
Chickasaw	-9	-3	10	8	10	9
Ocoee	-9	4	3	7	9	9
Waterford	-11	3	7	10	6	9
Spring Lake	-6	1	4	5	11	9
Lovell	-13	1	12	13	4	9
Meadow Woods	-11	-1	10	9	7	9
Hunter's Creek	-10	2	5	6	7	8
Pinar	-12	0	13	13	4	8
Cheney	-14	2	10	12	2	8
Conway	-9	1	5	6	7	8
Lakemont	-9	1	4	5	6	8
Ventura	-8	1	4	4	7	8
Richmond Heights	-1	-3	3	0	13	7
Pineloch	-10	15	-2	12	4	7
Pinewood	-9	6	0	6	5	7
NorthLake Park	-8	0	5	5	5	6
Azalea Park	-10	0	9	9	3	6
Zellwood	-4	2	1	3	8	6
Union Park	-6	-3	7	3	7	6
Oak Hill	-7	5	1	6	5	6
Southwood	-11	1	5	7	1	6
MetroWest	-5	1	4	5	7	6
Cypress Park	-6	0	4	5	5	6

*Sorted by Trend Index*

## Trend Changes Middle Schools

School	% White Change	% Black Change	% Hispanic Change	Minority Changes	Free/Red Lunch Changes	Trend Index (socio-minority)
Union Park	-11	3	8	11	8	10
Meadow Woods	-8	0	9	9	8	8
Lockhart	-9	7	0	7	5	7
Southwest	-10	3	5	8	3	7
Walker	-12	-1	11	10	0	6
Hunter's Creek	-9	1	8	9	2	6
Lakeview	-10	2	5	7	1	6
Arbor Ridge*	-5	5	2	7	5	5
Gotha	-8	6	2	8	1	5
Meadowbrook	-4	2	3	4	4	4
Discovery	-6	2	2	3	1	4
Corner Lake	-10	2	7	9	-3	4
Conway	-4	-2	5	4	2	3
Liberty	-7	-2	8	7	-1	3
Jackson, Stonewall	-6	-3	10	7	-1	3
Chain of Lakes	-2	-4	6	2	3	3
Howard	-2	-2	5	3	3	2
Ocoee	-7	3	3	5	-5	1
Maitland	-3	1	2	3	0	1
Piedmont Lakes	-4	1	1	2	-2	1
Glenridge	-3	1	1	2	-2	1
Apopka	-1	-2	4	2	-1	0
Robinswood	-3	5	-2	2	-3	0
Westridge	-3	0	2	2	-6	-1
Memorial	-1	-3	2	-1	-6	-2
Lee	2	-3	1	-2	-3	-3
Carver	-1	2	-1	1	-8	-3
Windy Ridge*	6	-9	1	-8	-2	-4
Blankner*	-12	6	3	9	-21	-5

*Sorted by Trend Index*

## Trend Changes High Schools

School	% White Change	% Black Change	% Hispanic Change	Enrollment Changes	Enrollment Changes %	Minority Changes	Disruption Index 2000	Disruption Index 2003	Disruption Index Changes	Trend Index (minority-disruption)
Cypress Creek	0	0	11	-840	23	11	-2.4	1.2	3.6	7
Edgewater	-5	9	0	177	6	9	-3.1	-1.5	1.6	5
Colonial	-5	1	6	403	12	8	-2.5	-0.2	2.3	5
University	-4	0	10	-1,211	27	10	0.0	-2.1	-2.1	4
Hungerford Prep	-5	12	-4	48	16	8	-2.8	-2.5	0.3	4
Oak Ridge	-1	-1	5	132	6	5	-1.6	1.1	2.7	4
Winter Park	2	4	1	247	8	5	-3.9	-2.3	1.6	3
Dr. Phillips	3	2	4	-726	17	5	-2.1	-1.6	0.5	3
West Orange	0	1	3	-474	11	5	-0.5	-0.6	-0.1	2
Evans	0	4	-1	-323	10	3	0.3	0.9	0.6	2
Boone	1	2	0	223	8	2	-2.8	-1.0	1.7	2
Apopka	1	1	0	421	7	1	-2.8	-1.6	1.2	1
Jones	1	-1	0	-184	14	0	0.4	2.4	2.0	1

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