

Jacksonville's Child



A Data Report on the Health and Well-Being of Children

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Purpose of Report

Education, poverty and health interact with one another, each affecting and being affected by the others. Understanding these complex and interdependent relationships and their impact on the well-being of children is a challenge that stresses many communities throughout the country and society as a whole. Determining the best approaches to improving the lives of children will require an in-depth understanding of each of the factors that influence the well being of children. The complexity and the magnitude of the challenge create a clear mandate for action, but it also opens the door for speculation concerning the nature of the problem and the best solutions. To that end, this on-going series of reports on children's health attempts to provide a more informed foundation for problem solving by compiling available data on the factors affecting the well-being of children.

Data used in these reports are commonly reported indicators for the health of children. A number of national child health publications such as America's Children: Key National Indicators of Well-Being 2001, The State of America's Children,

Kids Count 2003 and Child Health USA 2002 were used to identify child well-being data. The data for these indicators in this report were compiled for Duval County, and compared to Florida and the United States as a whole, to provide an understanding about challenges faced by Jacksonville. Currently Jacksonville is a very



diverse community. Consequently, the county-wide statistical averages are misleading when issues related to the specific communities within Jacksonville are addressed.

This report uses the "Health Zones" created by the Duval County Health Department to provide a more detailed analysis of the community, using geographic boundaries that are large enough to

provide statistically reliable data but that also provide insights into the differences within the city. These "Health Zones" facilitate the comparison of parts of the city and an analysis of each of these parts to the whole of Jacksonville.

Some data such as census data, vital statistics and hospitalizations are widely available at the national, state and local level. However, some data that are critical to the well-being of children are not readily available at the community level. For example, data on the high-risk behaviors of children, which inevitably influence their health, poverty status and literacy as they grow into adulthood and parenthood, are available at the national and state level, but not available at the local level. *Local communities must conduct their own surveys to obtain this type of primary data.* It is anticipated that policy makers and citizens need this information and analysis to facilitate continued improvement in the factors impacting the health and well being of children in Jacksonville.

Indicators of Child Health

U.S., Florida and Duval County

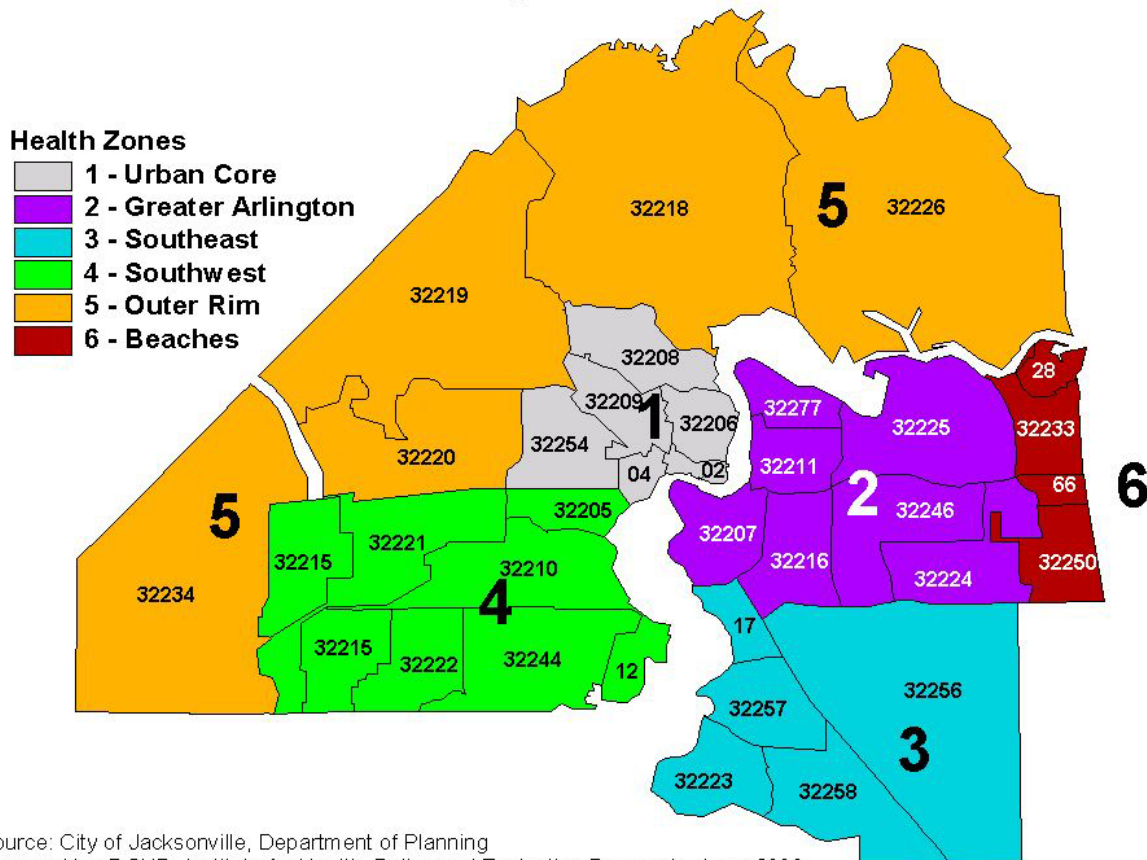
Objectives	U.S.	FL	Duval
Infant			
Infant Mortality Rate per 1,000 Live Births (2000-02) ^{1,2}	6.8	7.3	10.2
Percent of Low Birth Weight Babies (2000-02) ^{1,3}	7.8	8.2	9.4
Percent Prenatal Care began in 1 st Trimester (2000-02) ^{1,2}	84	84.4	83.1
Child			
Child Death Rate per 100,000 ^{1,2}			
1-4 years old	33.3	38	36.3
5-9 years old	15.3	14.2	18.4
Child Hospitalization Rate per 1,000 (2002) ^{4,5}	76.8	91.8	77.7
Estimated Vaccination Coverage Among Children 19-35 Months of Age (2003) ⁶	72.5 (+/-1.0)	73.7 (+/-5.5)	75.3 (+/-6.6)
Adolescent			
Adolescent Death Rate per 100,000 ^{1,2}			
10-14 years old	19.1	20.1	27.4
15-19 years old	66.9	69.4	70.8
Teen Birth Rate Per 1,000 female (2002) ^{3,7}	43.9	44.5	55.3
Teen (15-24 years old) STD Rate per 100,000 (2000-2002) ^{8,9}	NA ¹⁰	2012.5	3875.8
Cigarette Smoking Percent (2003) ^{10,11}	22% ¹²	18% ¹²	11.3% ¹³
Were in a Physical Fight During the Past Year (2003) ¹⁰	33% ¹²	32% ¹²	NA
Economic			
Percent Children (<18) Below Poverty (2003) ¹²	17.3% ⁷	18.6%	20.7%
Percent of Unemployment (2003) ¹²	7.6% ⁷	7.2%	6.5%
Percent of Uninsured (1999) ^{13,14}	15.2% ¹⁴	16.7% ¹⁵	12.2% ¹⁵
Education			
Percent of Children Enrolled in Preschool (2000) ¹⁵	49.3% ⁷	54.9% ⁷	58.1% ⁷
High School Graduates (25+) (2003) ¹²	83.6%	84.0%	86.4%
School Stability Rates (elementary) (2001-02) ¹⁶	NA	93.6% ⁸	91.3% ⁸
School Stability Rates (middle) (2001-02) ¹⁶	NA	93.6% ⁸	90.7% ⁸
School Stability Rates (high) (2001-02) ¹⁶	NA	92.2% ⁸	91.5% ⁸

Duval County Intra-City Comparison

Duval County is located on the northeast coast of Florida. It is a very large (over 840 square miles) and diverse area, boasting a population of over 810,000. Since Duval County is so vast and diverse, the county was divided into six health zones. These zones are based on geographical locations/barriers (river, ocean) and similar demographics (i.e. rural, urban). The health zones are made up of zip codes, in which all zip codes are mutually exclusive. Below is a map that depicts Duval County and its Health Zones.

Note: In this report, Jacksonville and Duval County are used interchangeably. In 1968 the city of Jacksonville and Duval County consolidated its governments.

Duval County Health Zones, 2003



Source: City of Jacksonville, Department of Planning
 Prepared by: DCHD, Institute for Health, Policy and Evaluation Research, June, 2003

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Duval County Profile

In 2002, Duval County had an estimated population of over 813,000 of which 67.1% were white and 32.9% were non-white. According to the 2003 American Community Survey the median family income was \$51,184 and an estimated 20.7% of children lived below the poverty level.

Heart disease and cancer (diseases frequently caused by behaviors established in childhood/adolescent) were the top two mortality causes for Duval County. This was consistent with the leading causes of death for the U.S. and Florida. Other health issues affecting Duval County were the high rate of infant mortality and high STD rate (see table below). The table on the following page compares child indicators by health zones. These child indicators are similar to the ones used to compare the U.S., Florida and Duval County (page 3).

Demographic and Health Profile: Florida vs. Duval County

DEMOGRAPHIC MEASURES	2002		HEALTH MEASURES	2000-02	
Population	Florida	Duval	Maternal and Infant Health	Florida	Duval
Total	16,772,046	813,817	Births Rate	12.5	15.3
<5	5.9%	7.4%	Infant Mortality Rate	7.3	10.2
5-14	12.6%	14.4%	Percent Low Birth Weight	8.2%	9.4%
15-24	12.4%	14.3%	Percent No Prenatal Care	9.8%	13.8%
25-64	51.5%	53.3%	Teen Births per 1,000 Live Births	120.1	136.2
65+	17.7%	10.5%	Percent of Maternal Smoking	9.0%	10.5%
Race			Cause of Death Rate per 100,000		
White	81.9%	67.1%	All Causes (<20 years old)	70.8	89.4
Non-White	18.1%	32.9%	Heart Disease ⁺	227.2	258.3
Socio-Economic Status (2003)			All Cancer ⁺	182.8	218.0
Median Family Income	\$47,442	\$51,184	Lung ⁺	54.8	66.5
Percent of Population Below Poverty	13.1%	13.8%	Unintentional Injury (<20 years old)	17.6	16.0
Percent Children (<18) Below Poverty	18.6%	20.7%	Stroke ⁺	46.8	65.0
Unemployment	7.2%	6.5%	Homicide	6.2	11.3
Household Composition (2003)			HIV Infection ⁺	10.7	11.0
Female Household with Children	7.6%	11.2%	Diabetes-related ⁺	49.9	71.3
Grandparents Responsible for Grandchildren	1.5%	2.1%	Chronic Liver Disease & Cirrhosis ⁺	10.9	12.9
Education (2003)			Other Measures		
High School Graduates (25+ Age)	84.0%	86.4%	STD Rate (15-24 years old)	2012.5	3875.8
FCAT Average Scores (2002)	407.5	376.2			

+ These diseases are frequently caused by behaviors that are established in childhood.

Note: Current social-economic, household and education data (2003) were available at the state and county level but not at the health zone level. Consequently, when comparing the state or county with health zones, 1999 or 2000 data were used.

Child Indicators Health Zone Comparisons

Objective	HZ1	HZ2	HZ3	HZ4	HZ5	HZ6
Infant						
Infant Mortality Rate per 1,000 live births (2000-02) ²	15.5	7.3	6.6	10.1	9.1	9.9
Percent of Low Birth Weight Babies (2000-02) ³	13.7	8.4	8.0	9.2	9.1	8.3
Percent Prenatal Care began in 1 st Trimester (2000-02) ³	72.6	90.6	93.4	85.9	85.4	93.1
Child						
Child Hospitalization Rate per 1,000 (2002) ⁵	87.9	76.5	72.6	75.4	78.5	67.8
Foster Care Children per 10,000 (2003) ¹⁷	264.3	81.4	45.8	109.8	137.6	38.6
Number of kids in subsidized day care (2004) ¹⁸	2,041	1,202	310	1,243	498	118
Number of Jacksonville Children Commission licensed day cares (2004) ¹⁸	125	89	39	72	27	15
Adolescent						
Child/Adolescent (1-19) Death Rate per 100,000 (2000-02) ²	51.8	28.4	34.1	40.7	34.4	19.4
Teen Birth Rate Per 1,000 female (2002) ³	94.1	39.5	22.2	63.5	63.6	44.3
Teen (15-24) STD Rate per 100,000 (2000-02) ⁹	10506.1	2458.6	1213.3	3374.9	2539.1	1456.4
Economic						
Average Median Family Income (1999) ¹⁵	\$28,307	\$51,018	\$63,563	\$43,265	\$47,276	\$51,402
Percent of Poverty (1999) ¹⁵	28.0%	8.8%	5.3%	11.7%	10.8%	7.3%
Percent of Unemployment (1999) ¹⁵	9.9%	4.3%	3.4%	4.2%	5.1%	3.4%
Percent of Uninsured (1999) ¹⁴	16.6%	11.3%	7.9%	13.1%	11.4%	12.3%
Education						
Percent Child enrolled in preschool (1999) ¹⁵	61.6%	56.9%	66.3%	54.1%	53.4%	58.0%
Percent High School Graduates (25+ age) (1999) ¹⁵	63.7%	87.2%	92.5%	82.6%	75.7%	89.6%
FCAT Average Scores ⁸ (elementary) (2002-03) ¹⁹	334.0	401.1	438.3	396.0	390.3	443.4
FCAT Average Scores ⁸ (middle/high) (2002-03) ¹⁹	358.9	366.7	413.6	304.5	339.5	403.0

Note: Current economic and education data (2003) were available at the state and county level but not at the health zone level. Consequently, when comparing health zones, 1999 or 2000 data were used.



Health Zone 1 Community Profile

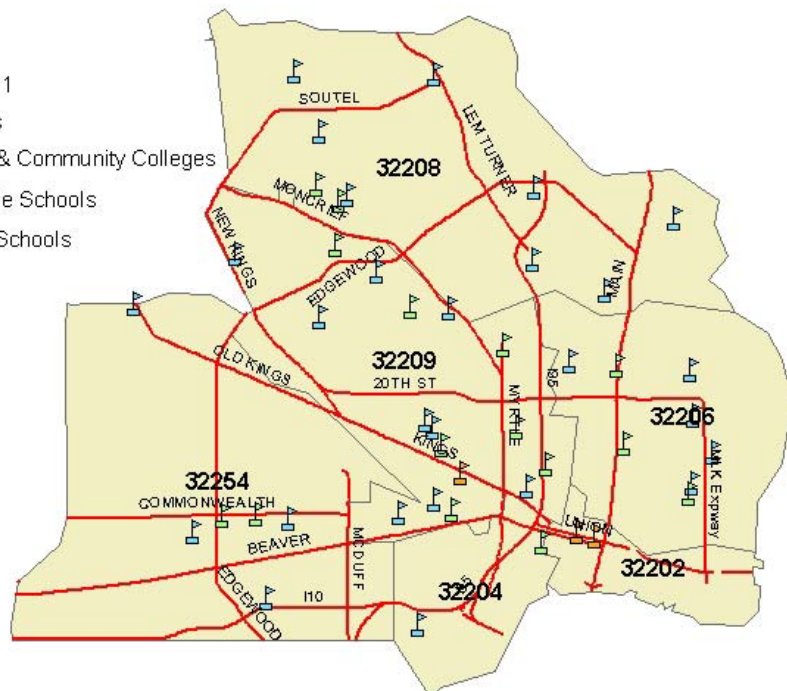
Health Zone 1 is located in the heart of Duval County and is made up of six zip codes (32202, 32204, 32206, 32208, 32209 and 32254). It is considered the 'urban core' of the city and is viewed as a major part of the north west quadrant of the city.

In the 2002-03 school year there were 29 elementary schools, 15 middle and high schools and three community college and university campuses (see map below) in Health Zone 1. The average FCAT score for public schools here was 342.9 (a C grade). This is below the Duval County average of 376.2 (also a C grade).

Duval County Health Zone 1 Educational Institutions

Legend

-  Health Zone 1
-  Major Roads
-  Universities & Community Colleges
-  High & Middle Schools
-  Elementary Schools



Source: City of Jacksonville, Department of Planning & Development
 Prepared by: DCHD, Institute for Health, Policy and Evaluation Research, May 2004

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Health Zone 1 Community Profile

In 2002, Health Zone 1 had a population over 120,000 of which 82.3% were non-white and 17.7% were white. According to the 2000 U.S. Census, the average median family income was \$28,307 and an estimated 38.4% of children lived below poverty level.

Compared to Florida and Duval, infant mortality, stroke and diabetes-related deaths rates were higher in Health Zone 1. Reported STDs were also extremely high in this area. Only 63.4% of mothers received pre-natal care in this health zone which was lower than the 86.2% for the county.

DEMOGRAPHIC MEASURES	2002		HEALTH MEASURES	2000-2002		
	Duval	HZ1		Florida	Duval	HZ1
Population			Maternal and Infant Health			
Total	813,817	123,883	Births Rate	12.5	15.3	16.1
<5	7.4%	6.8%	Infant Mortality Rate	7.3	10.2	15.5
5-14	14.4%	16.6%	Percent Low Birth Weight	8.2	9.4	13.7
15-24	14.3%	14.3%	Percent No Prenatal Care	9.8	13.8	36.6
25-64	53.3%	48.1%	Teen Births per 1,000 Live Births	120.1	136.2	257.3
65+	10.5%	14.1%	Percent of Maternal Smoking	9.0	10.5	10.5
Race			Cause of Death Rate per 100,000			
White	67.1%	17.7%	All Causes (<20 years old)	70.8	89.4	128.5
Non-White	32.9%	82.3%	Heart Disease ⁺	227.2	258.3	322.2
Socio-Economic Status (1999)			All Cancer ⁺	182.8	218.0	225.4
Average Median Family Income	\$47,689	\$28,307	Lung ⁺	54.8	66.5	63.2
Percent of Population Below Poverty	11.9%	28.0%	Unintentional Injury (<20 years old)	17.6	16.0	19.8
Percent of Children (<18) Below Poverty	16.8%	38.4%	Stroke ⁺	46.8	65.0	84.0
Unemployment (2000)	4.8%	9.9%	Homicide ⁺	6.2	11.3	29.0
Household Composition (2000)			HIV Infection ⁺	10.7	11.0	46.7
Female Household with Children	8.1%	12.8%	Diabetes-Related ⁺	49.9	71.3	114.9
Grandparents Responsible for Grandchildren	2.1%	4.8%	Chronic Liver Disease & Cirrhosis ⁺	10.9	12.9	19.9
Education			Other Measures			
High School Graduates (25+Age)	82.7%	63.7%	STD Rate (15-24)	2012.5	3875.8	10506.1
FCAT Average Scores	376.2	342.9				

+ These diseases are frequently caused by behaviors that are established in childhood.

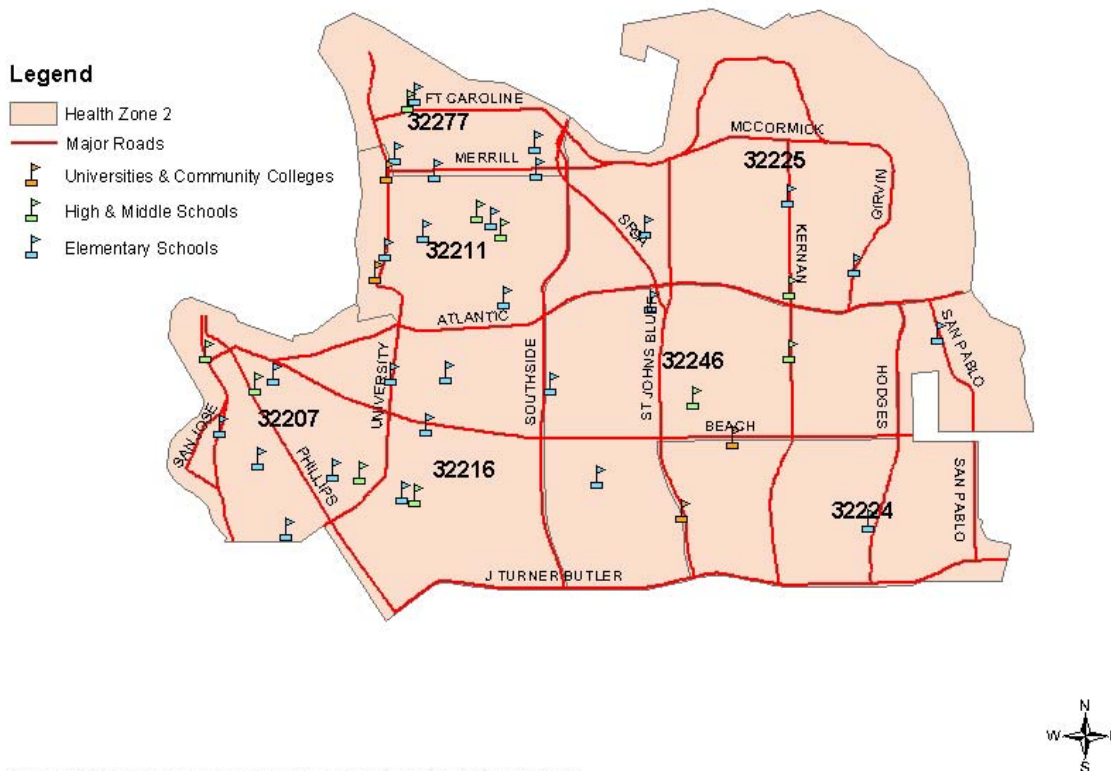
Note: Current social-economic, household and education data (2003) were available at the state and county level but not at the health zone level. Consequently, when comparing the state or county with health zones, 1999 or 2000 data were used.

Health Zone 2 Community Profile

Health Zone 2 is located south and east of the St. Johns River, in the middle part of Duval County and is made up of seven zip codes (32207, 32211, 32216, 32224, 32225, 32246 and 32277). Its eastern border is the intercoastal waterway. This is the most populated of the health zones.

In the 2002-03 school year there were 27 elementary schools, 10 middle and high schools and 4 community college and university campuses (see map below) in Health Zone 2. The average FCAT score for schools here was 391.6 (a B grade). This is above the Duval County average of 376.2 (a C grade).

Duval County Health Zone 2 Educational Institutions



Source: City of Jacksonville, Department of Planning & Development
 Prepared by: DCHD, Institute for Health, Policy and Evaluation Research, May 2004

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Health Zone 2 Community Profile

In 2002, Health Zone 2 had a population close to 250,000 of which 70.8% were white and 29.2% were non-white. According to the 2000 U.S. Census, the average median family income was \$51,018 and an estimated 12.0% of children lived below poverty level.

Related to health measures, Health Zone 2 fared better than both the state and Duval in no prenatal care, teen births and maternal smoking. Ninety-one percent of mothers in health zone 2 received some sort of prenatal care as opposed to the county's 86.2%.

DEMOGRAPHIC MEASURES	2002		HEALTH MEASURES	2000-2002		
	Duval	HZ2		Florida	Duval	HZ2
Population			Maternal and Infant Health			
Total	813,817	249,910	Births Rate	12.5	15.3	15.4
<5	7.4%	7.5%	Infant Mortality Rate	7.3	10.2	7.3
5-14	14.4%	14.5%	Percent Low Birth Weight	8.2	9.4	8.4
15-24	14.3%	14.3%	Percent No Prenatal Care	9.8	13.8	9
25-64	53.3%	54.2%	Teen Births per 1,000 Live Births	120.1	136.2	100.2
65+	10.5%	9.5%	Percent of Maternal Smoking	9.0	10.5	8.6
Race			Cause of Death Rate per 100,000			
White	67.1%	70.8%	All Causes (<20 years old)	70.8	89.4	65.5
Non-White	32.9%	29.2%	Heart Disease ⁺	227.2	258.3	228.4
Socio-Economic Status (1999)			All Cancer ⁺	182.8	218.0	204.5
Average Median Family Income	\$47,689	\$51,018	Lung ⁺	54.8	66.5	61.3
Percent of Population Below Poverty	11.9%	8.8%	Unintentional Injury (<20 years old)	17.6	16.0	10.4
Percent of Children (<18) Below Poverty	16.8%	12.0%	Stroke ⁺	46.8	65.0	60.5
Unemployment (2000)	4.8%	4.3%	Homicide ⁺	6.2	11.3	6.3
Household Composition (2000)			HIV Infection ⁺	10.7	11.0	5.2
Female Household with Children	8.1%	12.8%	Diabetes-Related ⁺	49.9	71.3	55.3
Grandparents Responsible for Grandchildren	2.1%	4.8%	Chronic Liver Disease & Cirrhosis ⁺	10.9	12.9	8.9
Education			Other Measures			
High School Graduates (25+Age)	82.7%	87.2%	STD Rate (15-24)	2012.5	3875.8	2458.6
FCAT Average Scores	376.2	391.6				

+ These diseases are frequently caused by behaviors that are established in childhood.

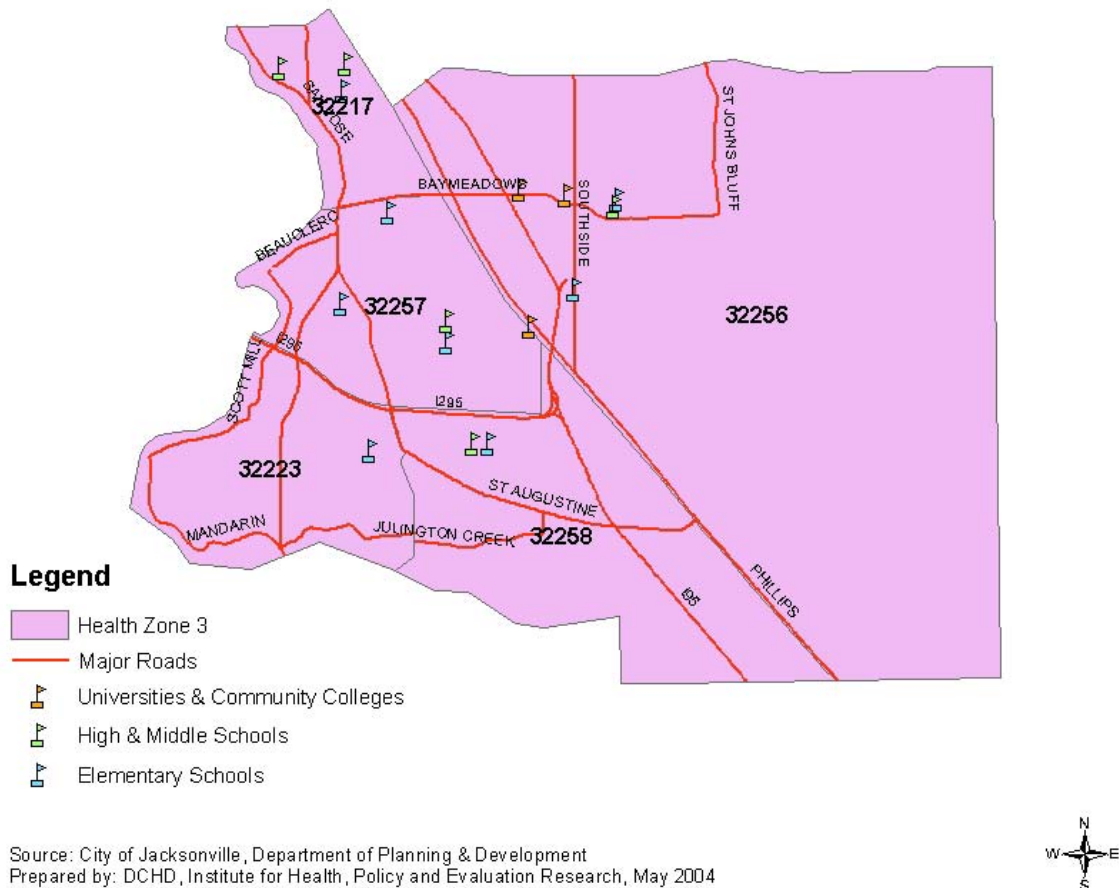
Note: Current social-economic, household and education data (2003) were available at the state and county level but not at the health zone level. Consequently, when comparing the state or county with health zones, 1999 or 2000 data were used.

Health Zone 3 Community Profile

Health Zone 3 is located in southeastern part of Duval County and made up of five zip codes (32217, 32223, 32256, 32257 and 32258). Its east and south border is St. Johns County, on its west is the St. Johns River and on the north is Health Zone 2.

In the 2002-2003 school year there were 8 elementary schools, 5 middle and high schools and 3 community college and university campuses (see map below) in Health Zone 3. The average FCAT score for schools here was 428.8 (an A grade). This is well above the Duval County average of 376.2 (a C grade).

Duval County Health Zone 3 Educational Institutions



Source: City of Jacksonville, Department of Planning & Development
 Prepared by: DCHD, Institute for Health, Policy and Evaluation Research, May 2004

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Health Zone 3 Community Profile

In 2002, Health Zone 3 had a population over 130,000 of which 81.9% were white and 18.1% were non-white. According to the 2000 U.S. Census, the average median family income was \$63,563 and an estimated 6.4% of children lived below poverty level. Of all the health zones this is the most affluent.

Compared to Florida and Duval, this zone had a much lower rate for infant mortality, teen births and most causes of death. Approximately, 95% of mothers in Health Zone 3 received some sort of prenatal care.

DEMOGRAPHIC MEASURES	2002		HEALTH MEASURES	2000-2002		
	Duval	HZ3		Florida	Duval	HZ3
Population			Maternal and Infant Health			
Total	813,817	130,183	Births Rate	12.5	15.3	13.8
<5	7.4%	6.7%	Infant Mortality Rate	7.3	10.2	6.6
5-14	14.4%	13.2%	Percent Low Birth Weight	8.2	9.4	8.0
15-24	14.3%	12.8%	Percent No Prenatal Care	9.8	13.8	5.1
25-64	53.3%	57.8%	Teen Births per 1,000 Live Births	120.1	136.2	55.3
65+	10.5%	9.6%	Percent of Maternal Smoking	9.0	10.5	5.7
Race			Cause of Death Rate per 100,000			
White	67.1%	81.9%	All Causes (<20 years old)	70.8	89.4	67.6
Non-White	32.9%	18.1%	Heart Disease ⁺	227.2	258.3	206.1
Socio-Economic Status (1999)			All Cancer ⁺	182.8	218.0	187.3
Average Median Family Income	\$47,689	\$63,563	Lung ⁺	54.8	66.5	58.3
Percent of Population Below Poverty	11.9%	5.3%	Unintentional Injury (<20 years old)	17.6	16.0	21.2
Percent of Children (<18) Below Poverty	16.8%	6.4%	Stroke ⁺	46.8	65.0	52.5
Unemployment (2000)	4.8%	3.4%	Homicide ⁺	6.2	11.3	4.1
Household Composition (2000)			HIV Infection ⁺	10.7	11.0	DSU
Female Household with Children	8.1%	5.8%	Diabetes-Related ⁺	49.9	71.3	44.2
Grandparents Responsible for Grandchildren	2.1%	0.7%	Chronic Liver Disease & Cirrhosis ⁺	10.9	12.9	7.2
Education			Other Measures			
High School Graduates (25+Age)	82.7%	92.5%	STD Rate (15-24)	2012.5	3875.8	1213.3
FCAT Average Scores	376.2	428.8				

+ These diseases are frequently caused by behaviors that are established in childhood.

Note: Current social-economic, household and education data (2003) were available at the state and county level but not at the health zone level. Consequently, when comparing the state or county with health zones, 1999 or 2000 data were used.






Health Zone 4 Community Profile

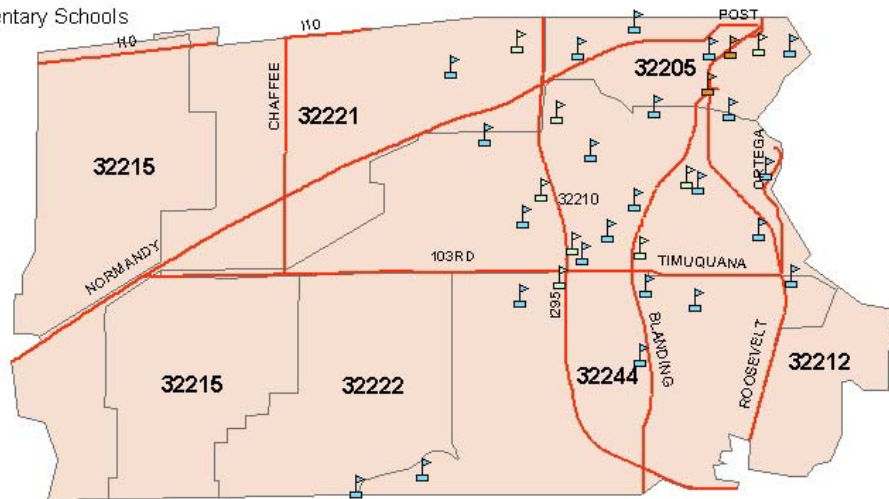
Health Zone 4 is located in southwest part of Duval County and is made up of six zip codes (32205, 32210, 32212, 32215, 32221 and 32222). It east border is the St. Johns River, on its south is Clay County, on its west is Health Zone 5 and on its north is both Health Zone 1 and 5.

In the 2002-03 school year there were 23 elementary schools, 8 middle and high schools and 1 community college and university campuses (see map below) in Health Zone 4. The average FCAT score for schools here was 368.2 (a C grade). This is lower than the Duval County average of 376.2 (a C grade).

Duval County Health Zone 4 Educational Institutions

Legend

-  Health Zone 4
-  Major Roads
-  Universities
-  Middle Schools
-  Elementary Schools



Source: City of Jacksonville, Department of Planning & Development
 Prepared by: DCHD, Institute for Health, Policy and Evaluation Research, May 2004

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Health Zone 4 Community Profile

In 2002, Health Zone 4 had a population over 160,000 of which 69.4% were white and 30.6% were non-white. According to the 2000 U.S. Census, the average median family income was \$43,265 and an estimated 16.6% of children lived below poverty level.

This zone had similar rates (infant mortality and low birth rates) to Duval but were still higher than the state. Around 87% of mothers received any type of prenatal care in this zone.

DEMOGRAPHIC MEASURES	2002		HEALTH MEASURES	2000-2002		
	Duval	HZ4		Florida	Duval	HZ4
Population			Maternal and Infant Health			
Total	813,817	162,344	Births Rate	12.5	15.3	16.0
<5	7.4%	7.5%	Infant Mortality Rate	7.3	10.2	10.1
5-14	14.4%	15.7%	Percent Low Birth Weight	8.2	9.4	9.2
15-24	14.3%	13.7%	Percent No Prenatal Care	9.8	13.8	12.9
25-64	53.3%	53.1%	Teen Births per 1,000 Live Births	120.1	136.2	145.5
65+	10.5%	10.1%	Percent of Maternal Smoking	9.0	10.5	13.2
Race			Cause of Death Rate per 100,000			
White	67.1%	69.4%	All Causes (<20 years old)	70.8	89.4	92.3
Non-White	32.9%	30.6%	Heart Disease ⁺	227.2	258.3	242.3
Socio-Economic Status (1999)			All Cancer ⁺	182.8	218.0	233.3
Average Median Family Income	\$47,689	\$43,265	Lung ⁺	54.8	66.5	58.3
Percent of Population Below Poverty	11.9%	11.7%	Unintentional Injury (<20 years old)	17.6	16.0	DSU
Percent of Children (<18) Below Poverty	16.8%	16.6%	Stroke ⁺	46.8	65.0	55.3
Unemployment (2000)	4.8%	4.2%	Homicide ⁺	6.2	11.3	9.6
Household Composition (2000)			HIV Infection ⁺	10.7	11.0	6.6
Female Household with Children	8.1%	8.0%	Diabetes-Related ⁺	49.9	71.3	67.3
Grandparents Responsible for Grandchildren	2.1%	2.2%	Chronic Liver Disease & Cirrhosis ⁺	10.9	12.9	14.8
Education			Other Measures			
High School Graduates (25+Age)	82.7%	82.6%	STD Rate (15-24)	2012.5	3875.8	3463.0
FCAT Average Scores	376.2	368.2				

+ These diseases are frequently caused by behaviors that are established in childhood.

Note: Current social-economic, household and education data (2003) were available at the state and county level but not at the health zone level. Consequently, when comparing the state or county with health zones, 1999 or 2000 data were used.

Health Zone 5 Community Profile

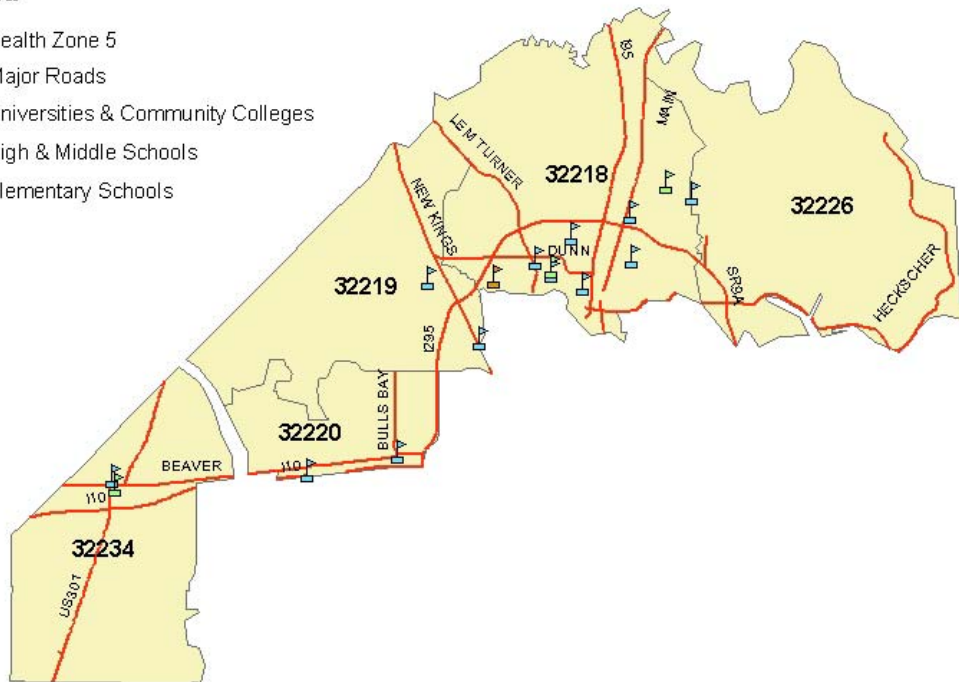
Health Zone 5 is in the most western and northern parts of Duval County and is made up of five zip codes (32218, 32219, 32220, 32226 and 32234). It has the most area of land compared to the other health zones. Nassau County is to the north, Baker County is to its west and both Health Zone 1 and 4 make-up the southern border. The St. Johns River is also part of the southern boundary.

In the 2002-2003 school year there were 12 elementary schools, 4 middle and high schools and 1 community college and university's campus (see map below) in Health Zone 5. The average FCAT score for schools here was 382.5 (a B grade). This is slightly higher than the Duval County average of 376.2 (a C grade).

Duval County Health Zone 5 Educational Institutes

Legend

-  Health Zone 5
-  Major Roads
-  Universities & Community Colleges
-  High & Middle Schools
-  Elementary Schools



Source: City of Jacksonville, Department of Planning & Development
 Prepared by: DCHD, Institute for Health, Policy and Evaluation Research, May 2004

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Health Zone 5 Community Profile

In 2002, Health Zone 5 had a population over 75,000 of which 65.5% were white and 34.5% were non-white. According to the 2000 U.S. Census, the average median family income was \$47,276 and an estimated 14.5% of children lived below poverty level.

Teen birth, unintentional injury and diabetes-related deaths rates were some areas of concern. However, 91 out of every 100 mothers received some type of prenatal care compared to 86.2 for the county.

DEMOGRAPHIC MEASURES	2002		HEALTH MEASURES	2000-02		
	Duval	HZ5		Florida	Duval	HZ5
Population			Maternal and Infant Health			
Total	813,817	75,243	Births Rate	12.5	15.3	13.4
<5	7.4%	6.8%	Infant Mortality Rate	7.3	10.2	9.1
5-14	14.4%	15.7%	Percent Low Birth Weight	8.2	9.4	9.1
15-24	14.3%	13.8%	Percent No Prenatal Care	9.8	13.8	8.8
25-64	53.3%	54.6%	Teen Births per 1,000 Live Births	120.1	136.2	182.6
65+	10.5%	9.2%	Percent of Maternal Smoking	9.0	10.5	17.3
Race			Cause of Death Rate per 100,000			
White	67.1%	68.5%	All Causes (<20 years old)	70.8	89.4	73.1
Non-White	32.9%	31.5%	Heart Disease ⁺	227.2	258.3	299.3
Socio-Economic Status (1999)			All Cancer ⁺	182.8	218.0	211.4
Average Median Family Income	\$47,689	\$47,276	Lung ⁺	54.8	66.5	78.9
Percent of Population Below Poverty	11.9%	10.8%	Unintentional Injury (<20 years old)	17.6	16.0	DSU
Percent of Children (<18) Below Poverty	16.8%	14.5%	Stroke ⁺	46.8	65.0	66.0
Unemployment (2000)	4.8%	5.1%	Homicide ⁺	6.2	11.3	10.5
Household Composition (2000)			HIV Infection ⁺	10.7	11.0	DSU
Female Household with Children	8.1%	7.6%	Diabetes-related ⁺	49.9	71.3	86.2
Grandparents Responsible for Grandchildren	2.1%	2.8%	Chronic Liver Disease & Cirrhosis ⁺	10.9	12.9	12.2
Education			Other Measures			
High School Graduates (25+Age)	82.7%	75.7%	STD Rate (15-24)	2012.5	3875.8	2539.1
FCAT Average Scores	376.2	382.5				

+ These diseases are frequently caused by behaviors that are established in childhood.

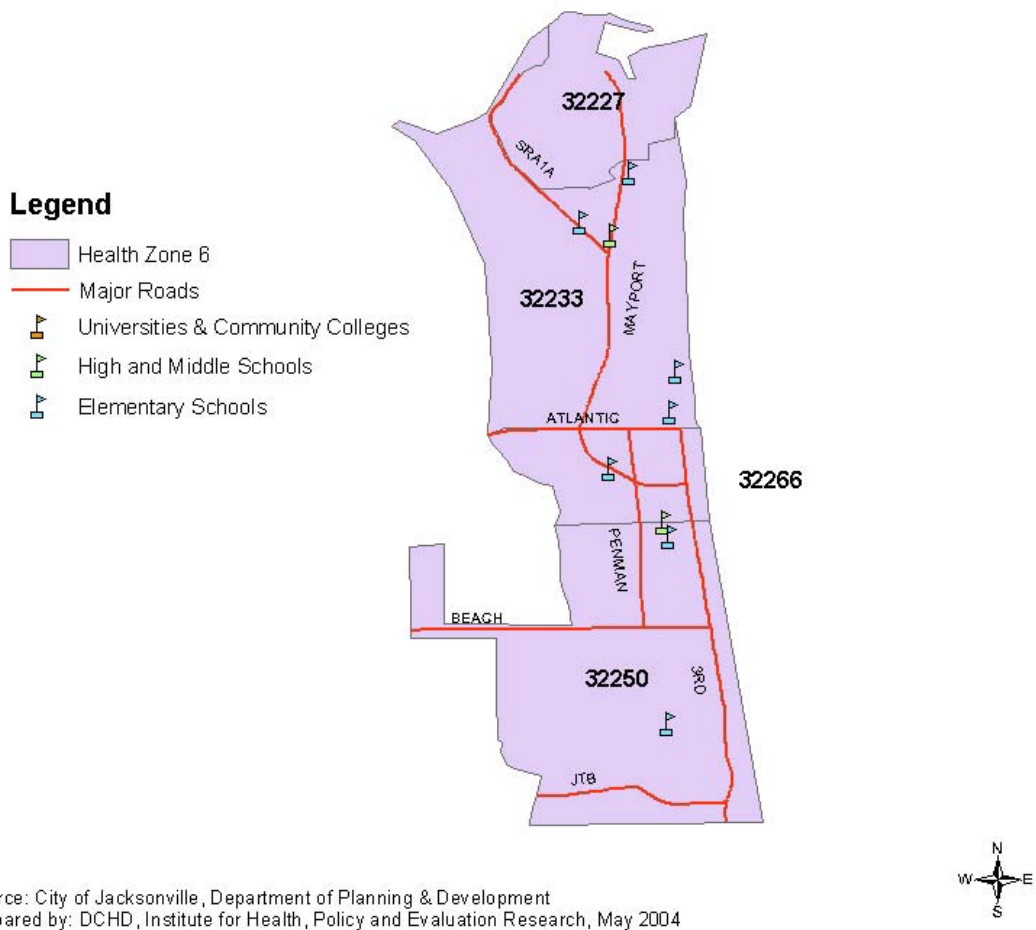
Note: Current social-economic, household and education data (2003) were available at the state and county level but not at the health zone level. Consequently, when comparing the state or county with health zones, 1999 or 2000 data were used.

Health Zone 6 Community Profile

Health Zone 6 is located at the eastern part of Duval County and is made up of four zip codes (32227, 32233, 32250 and 32266). Of the health zones, the Beaches have the least amount of land mass. Its eastern border is the Atlantic Ocean, on the north and west is the inter-coastal waterway and on the south is St. Johns County.

In the 2002-03 school year there were 7 elementary schools, 3 middle and high schools and zero community colleges or universities (see map below) in Health Zone 6. The average FCAT score for schools here was 431.3 (an A grade). This is well above the Duval County average of 376.2 (a C grade).

Duval County Health Zone 6 Educational Institutions



Source: City of Jacksonville, Department of Planning & Development
 Prepared by: DCHD, Institute for Health, Policy and Evaluation Research, May 2004

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Health Zone 6 Community Profile

In 2002, Health Zone 6 had a population close to 65,000 of which 81.9% were white and 18.1% were non-white. According to the 2000 U.S. Census, the average median family income was \$51,402 and an estimated 9.2% of children lived below poverty level.

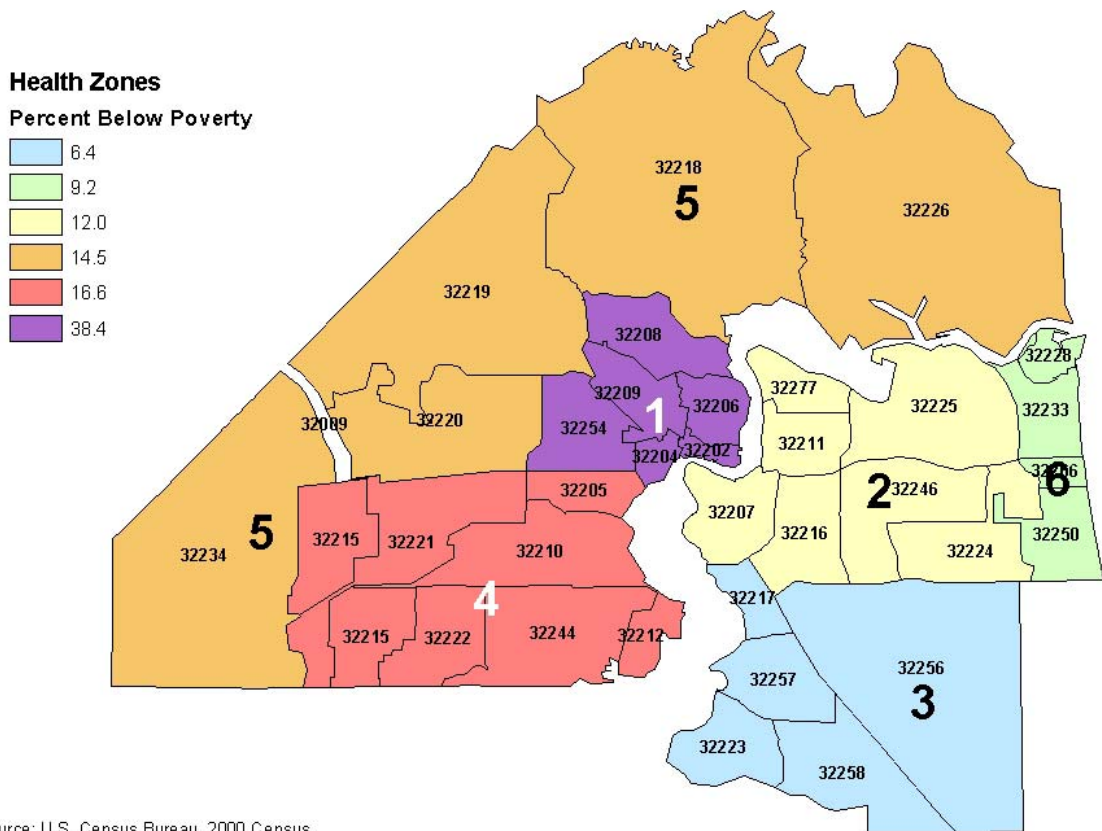
Over 91% of mothers in health zone 6 received some sort of prenatal care. Health issues such as maternal smoking and stroke death rates need to be addressed in this area.

DEMOGRAPHIC MEASURES	2002		HEALTH MEASURES	2000-2002		
	Duval	HZ6		Florida	Duval	HZ6
Population			Maternal and Infant Health			
Total	813,817	64,835	Births Rate	12.5	15.3	13.1
<5	7.4%	6.4%	Infant Mortality Rate	7.3	10.2	9.9
5-14	14.4%	12.3%	Percent Low Birth Weight	8.2	9.4	8.3
15-24	14.3%	16.2%	Percent No Prenatal Care	9.8	13.8	8.3
25-64	53.3%	54.9%	Teen Births per 1,000 Live Births	120.1	136.2	107.2
65+	10.5%	10.2%	Percent of Maternal Smoking	9.0	10.5	12.7
Race			Cause of Death Rate per 100,000			
White	67.1%	81.9%	All Causes (<20 years old)	70.8	89.4	69.6
Non-White	32.9%	18.1%	Heart Disease ⁺	227.2	258.3	203.1
Socio-Economic Status (1999)			All Cancer ⁺	182.8	218.0	206.0
Average Median Family Income	\$47,689	\$51,402	Lung ⁺	54.8	66.5	64.3
Percent of Population Below Poverty	11.9%	7.3%	Unintentional Injury (<20 years old)	17.6	16.0	DSU
Percent of Children (<18) Below Poverty	16.8%	9.2%	Stroke ⁺	46.8	65.0	57.3.0
Unemployment (2000)	4.8%	3.4%	Homicide ⁺	6.2	11.3	DSU
Household Composition (2000)			HIV Infection ⁺	10.7	11.0	DSU
Female Household with Children	8.1%	5.9%	Diabetes-Related ⁺	49.9	71.3	48.5
Grandparents Responsible for Grandchildren	2.1%	0.8%	Chronic Liver Disease & Cirrhosis ⁺	10.9	12.9	14.6
Education			Other Measures			
High School Graduates (25+Age)	82.7%	89.6%	STD Rate (15-24)	2012.5	3875.8	1456.4
FCAT Average Scores	376.2	431.3				

+ These diseases are frequently caused by behaviors that are established in childhood.

Note: Current social-economic, household and education data (2003) were available at the state and county level but not at the health zone level. Consequently, when comparing the state or county with health zones, 1999 or 2000 data were used.

Percent of Children (<18) Below Poverty by Health Zone, Duval County, 1999



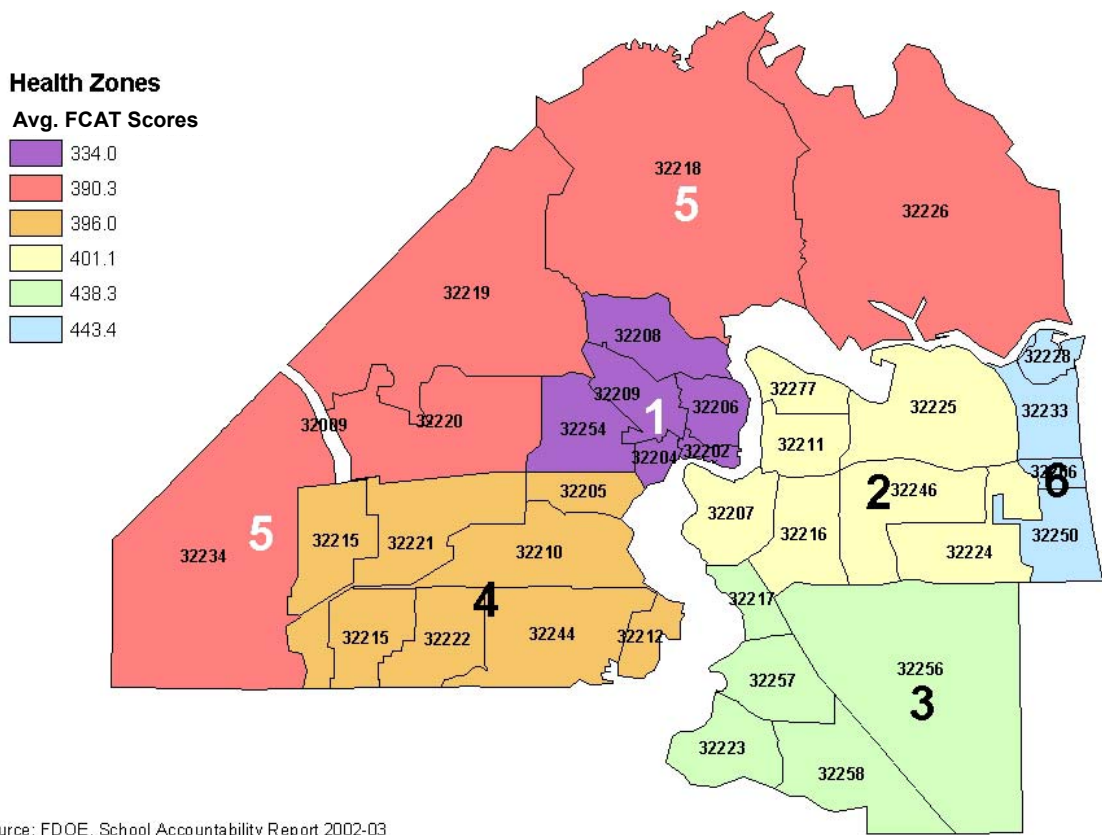
Source: U.S. Census Bureau, 2000 Census

Prepared by: DCHD, Institute for Health, Policy and Evaluation Research, August 2004

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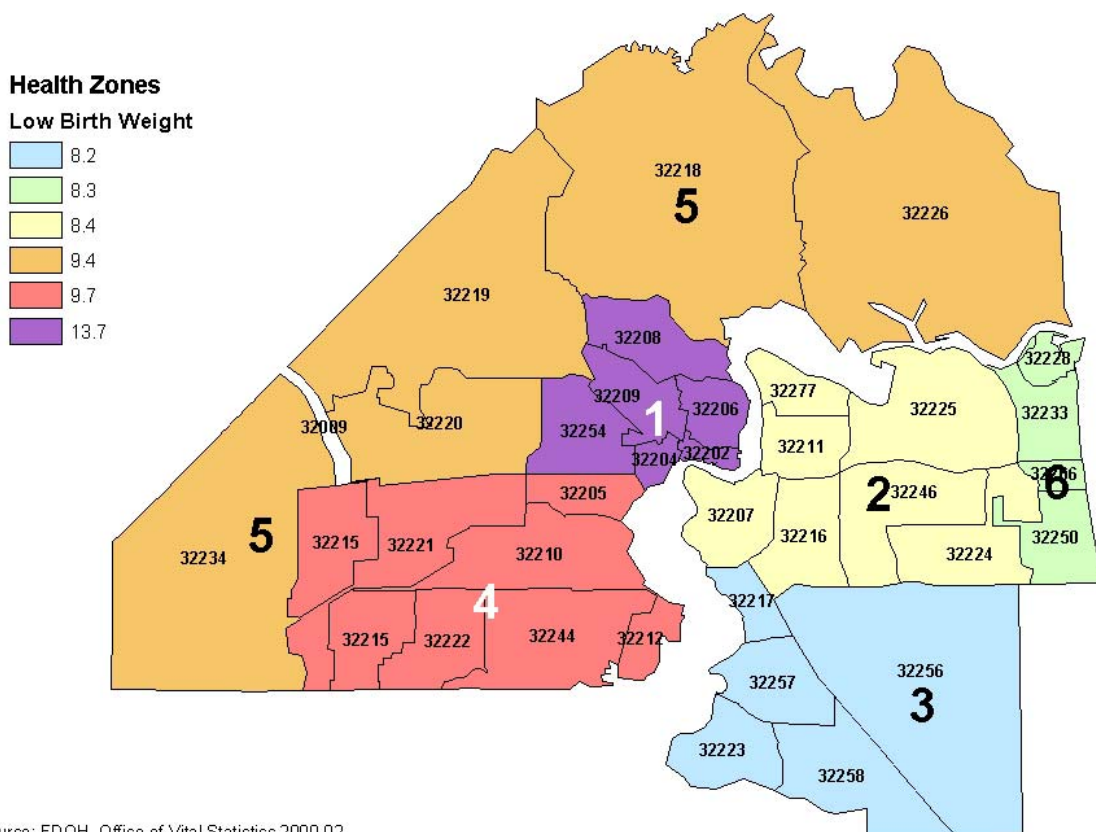
Average Elementary FCAT Scores by Health Zone, Duval County 2002 – 2003



Source: FDOE, School Accountability Report 2002-03
Prepared by: DCHD, Institute for Health, Policy and Evaluation Research, August 2004
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Percent of Low Birth Weight by Health Zone, Duval County, 2000 – 2002



Source: FDOH, Office of Vital Statistics 2000-02
 Prepared by: DCHD, Institute for Health, Policy and Evaluation Research, August 2004

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Data Sources

- ¹ Data 2010... the Healthy People 2010 Database
- ² FDOH, Office of Vital Statistics, Death Files 2000-02
- ³ FDOH, Office of Vital Statistics, Birth Files 2000-02
- ⁴ Health, United States, 2002 with Chartbook on Trends in the Health of Americans
- ⁵ Agency for Health Care Administration, Hospitalization Files 2002
- ⁶ Mortality Morbidity Weekly Report, p.659-660, July 30, 2004 Vol.53, No.29
- ⁷ Births: Final Data for 2002, National Vital Statistics Report, 52 (10)
- ⁸ National Center for HIV, STD and TB Prevention, Division of Sexually Transmitted Diseases
- ⁹ FDOH, Bureau of STD Prevention and Control
- ¹⁰ 2003 Youth Risk Factor Surveillance System
- ¹¹ 2002 Florida Youth Substance Abuse Survey: Duval County Report
- ¹² U.S. Census Bureau, 2003 American Community Survey
- ¹³ U.S. Census Bureau, Health Insurance Coverage in the U.S.: 2002
- ¹⁴ Agency for Health Care Administration, Florida Health Insurance Study
- ¹⁵ U.S. Census Bureau, 2000 Census
- ¹⁶ Duval County Public School Board (educationcentral.org)
- ¹⁷ Family Support Services of Northeast Florida
- ¹⁸ Jacksonville Children's Commission
- ¹⁹ Florida Department of Education 2002-03 School Accountability Report

DSU: Data Statistically Unreliable (Usually means cases less than 20)

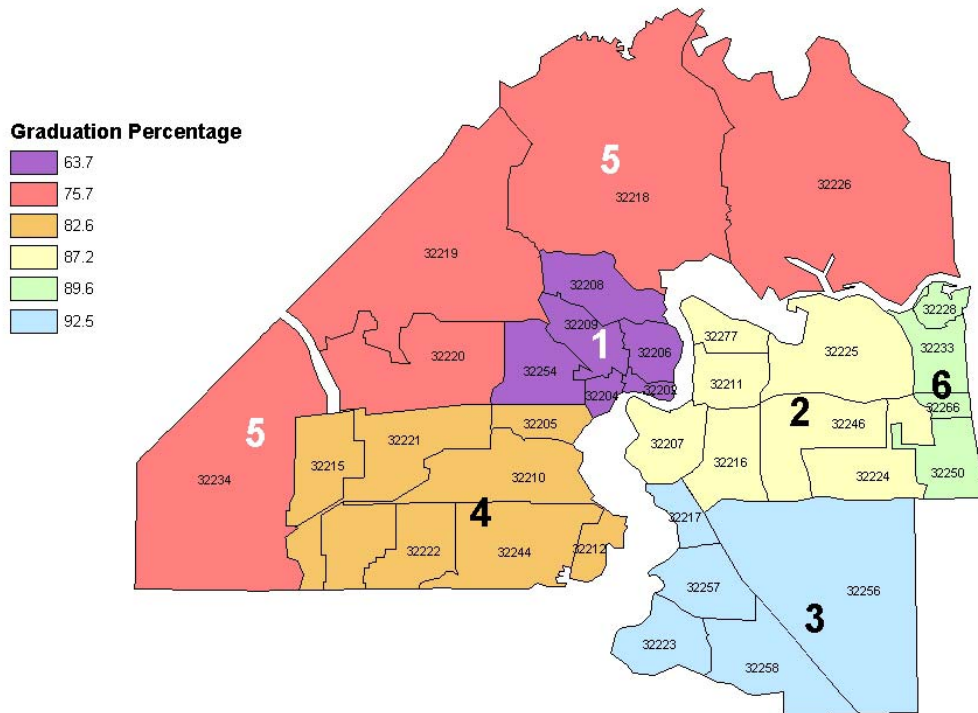
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Summary

The complex and interdependent relationships of education, poverty and health influence the well being of children, presenting a challenge that stresses many communities throughout the country. This report uses the “Health Zones” created by the Duval County Health Department to provide a more detailed analysis of data and a more informed foundation for problem solving. The data in this report shows that children in Duval County are not reaching their full potential on some of society's norms for physical, mental and social health, trailing children in Florida and the U.S. on several measures of well-being. Within Duval County, greater disparities exist in the well-being of children, depending on where the children live within the county. This report does not attempt to identify the causes of these disparities. It simply documents the disparities and the issues of well-being which should be of concern to the community. Future reports will examine factors related to and contributing to these disparities.

High School Graduation Percentage of People 25 Years or Older by Health Zone, Duval County 1999



Source: U.S. Census Bureau, 2000 Census

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