

Mapping Childhood Trauma as a Root Cause

Carter Center
11/17/2016

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Root Cause Analysis



ACEs = ADVERSE CHILDHOOD EXPERIENCES

The three types of ACEs include

ABUSE



Physical



Emotional



Sexual

NEGLECT



Physical



Emotional

HOUSEHOLD DYSFUNCTION



Mental Illness



Incarcerated Relative



Mother treated violently



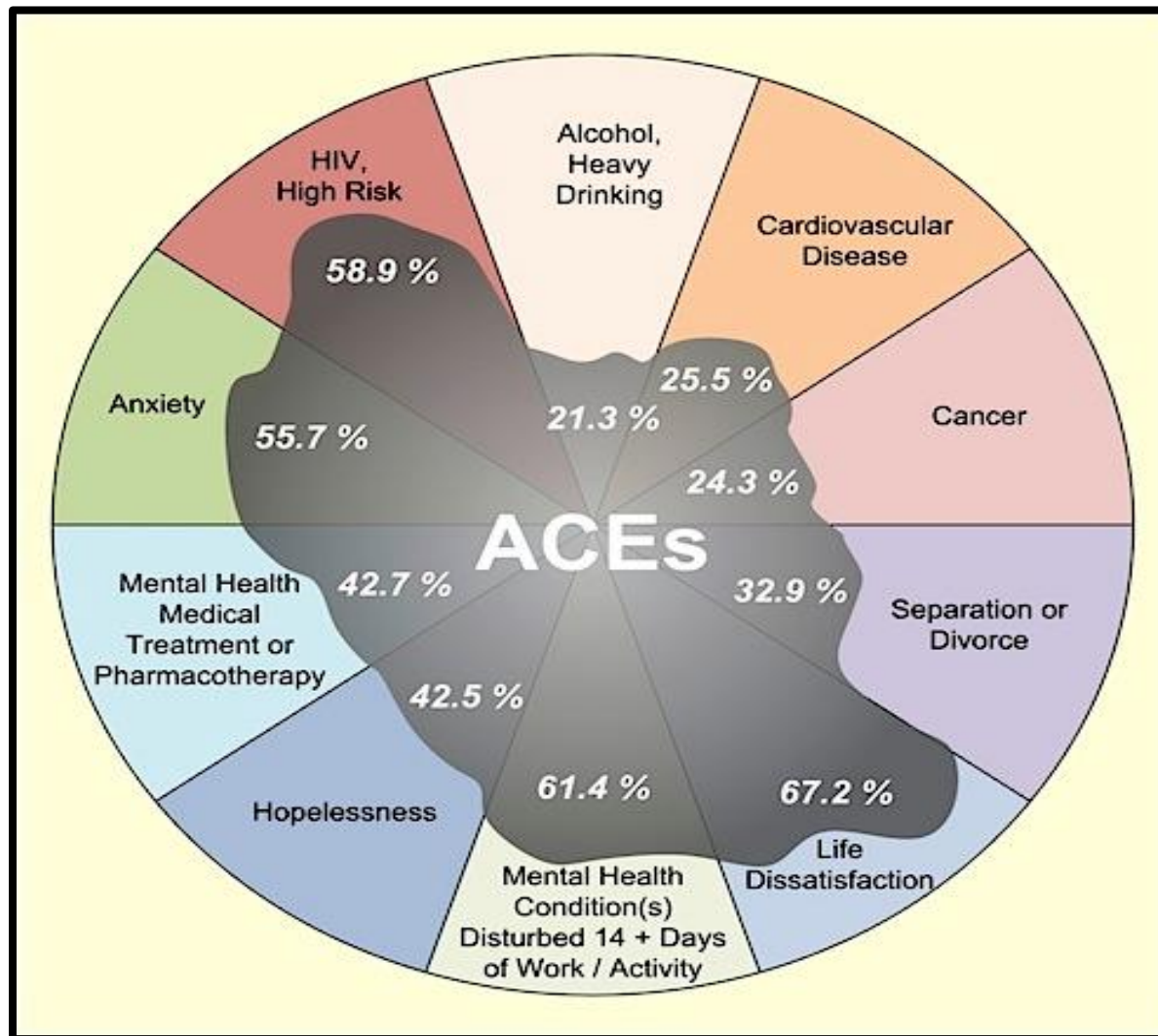
Substance Abuse

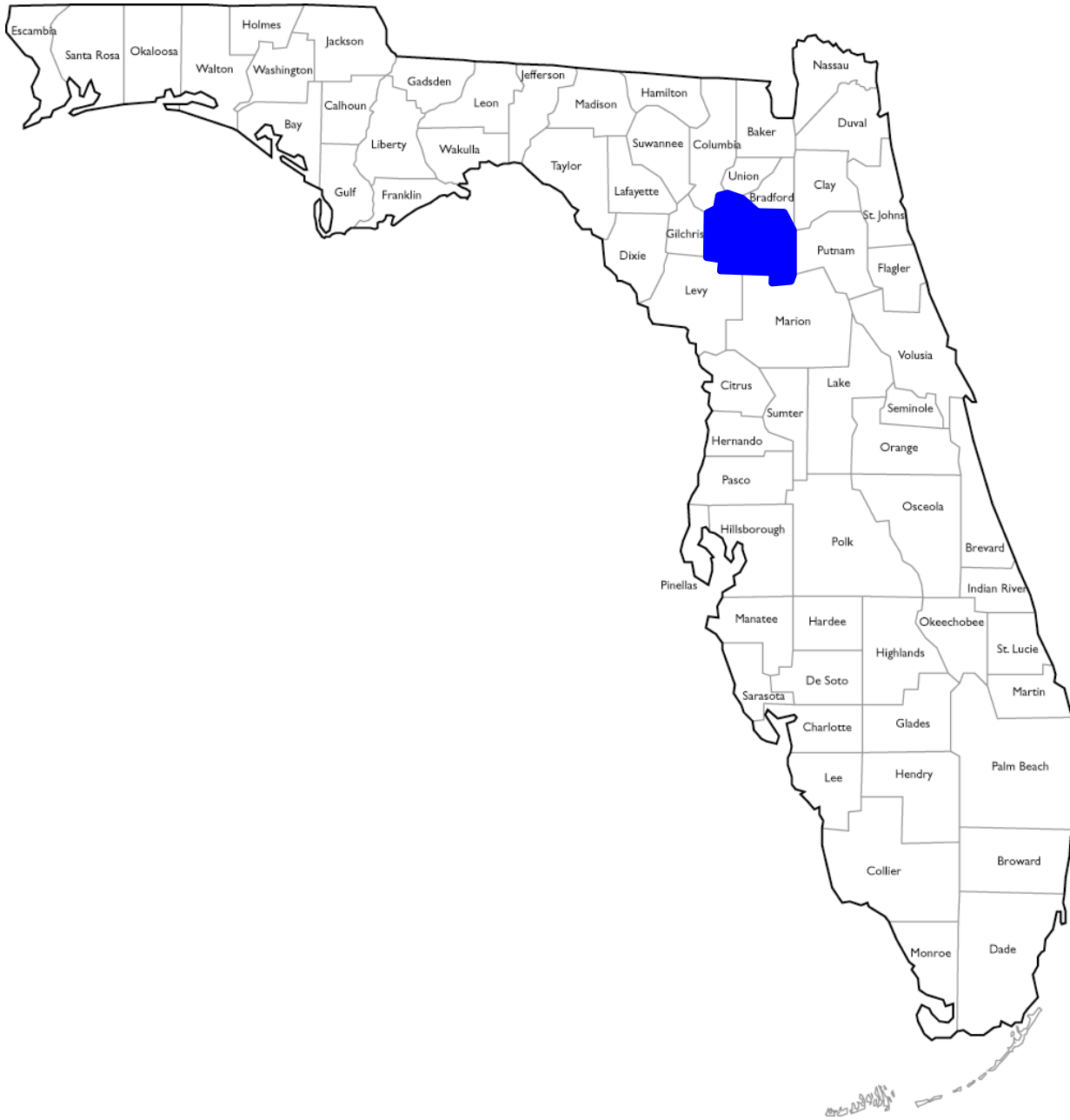


Divorce

ACE Study

- Compared to people with no history of ACEs, people with scores of 4 or higher were:
 - 7X more likely to be alcoholics
 - 7X more likely to have had sex before 15
- Men with ACE scores of above 5 were 46X more likely to have injected drugs
- Adults with ACE scores of 6 were 30X more likely to have attempted suicide







In memory of
LAND WADE
CARLTON
proud father, loving husband,
friend, cherished son & devoted
Soldier

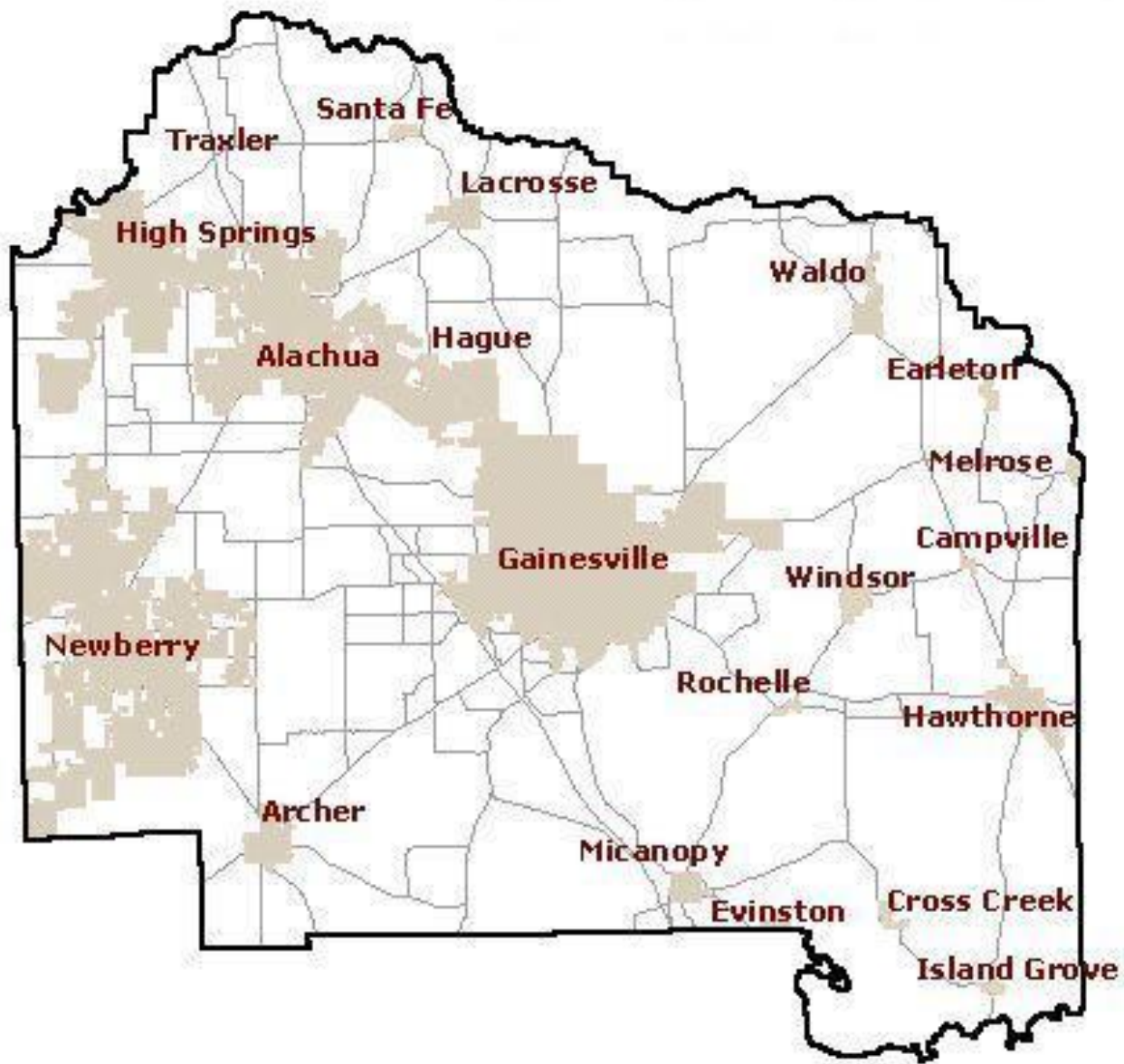
REMEMBER
1990



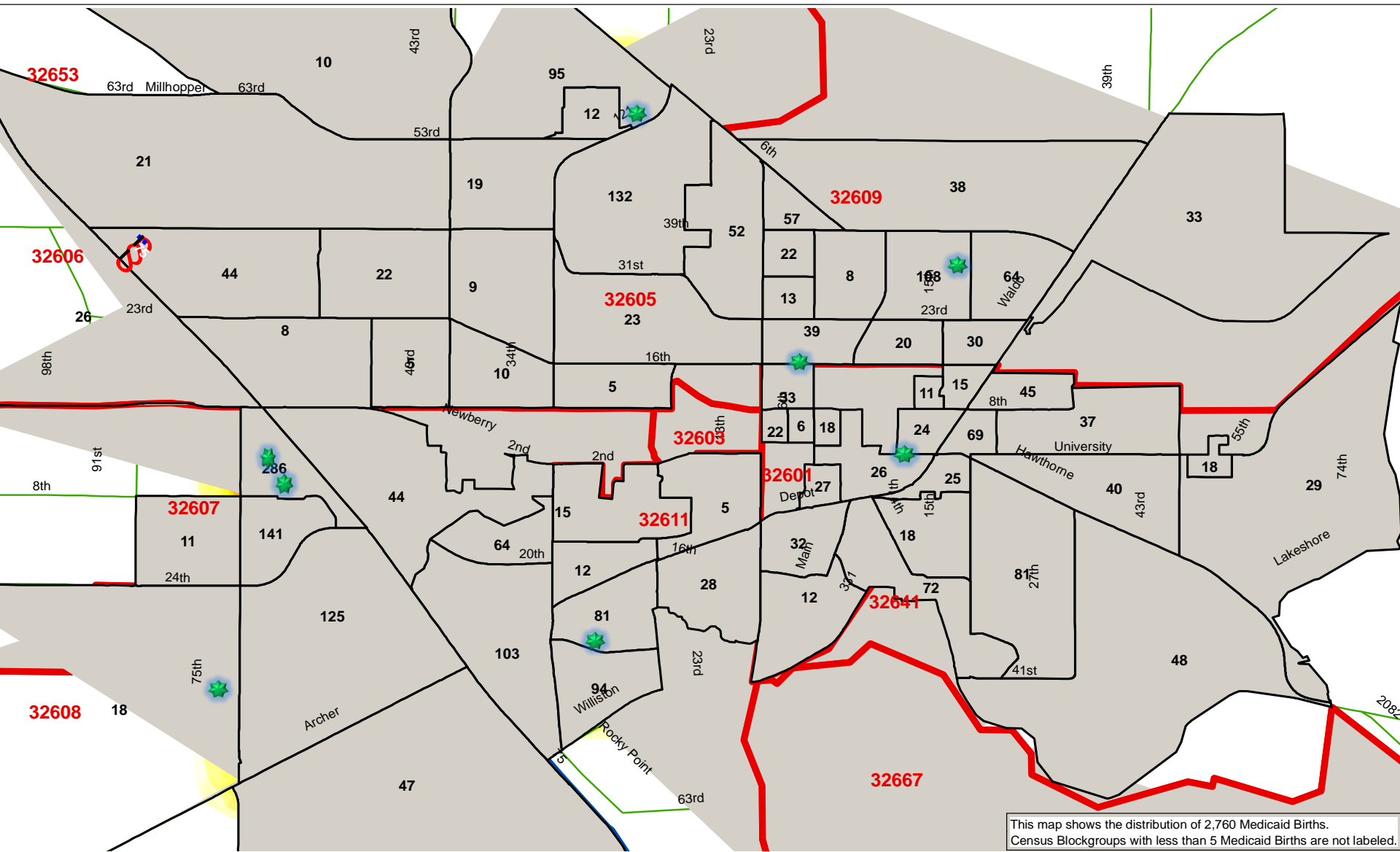
Sonja Larson
Christina Powell
Christa Hoyt
Manuel Taboada
Tracy Poules





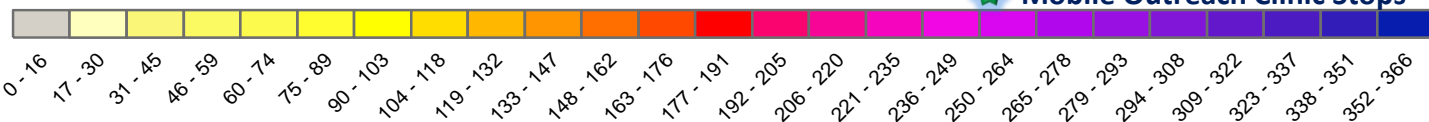


GAINESVILLE, FL: MEDICAID BIRTH DENSITY AND COUNT BY CENSUS BLOCKGROUP (2007 - 2009)



This map shows the distribution of 2,760 Medicaid Births. Census Blockgroups with less than 5 Medicaid Births are not labeled.

Color Legend: Approximate Number of Medicaid Births per Square Mile



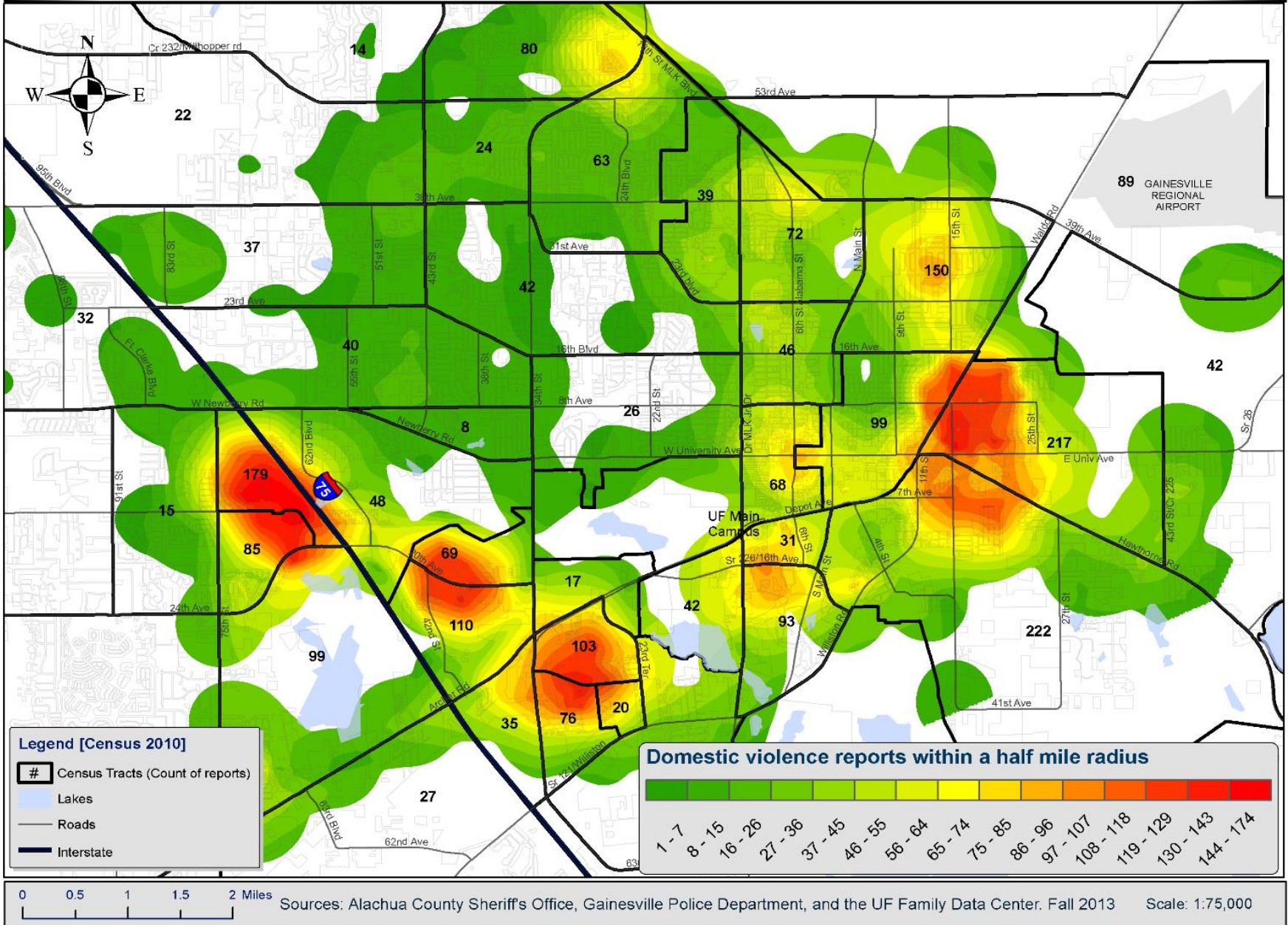
Mobile Outreach Clinic Stops



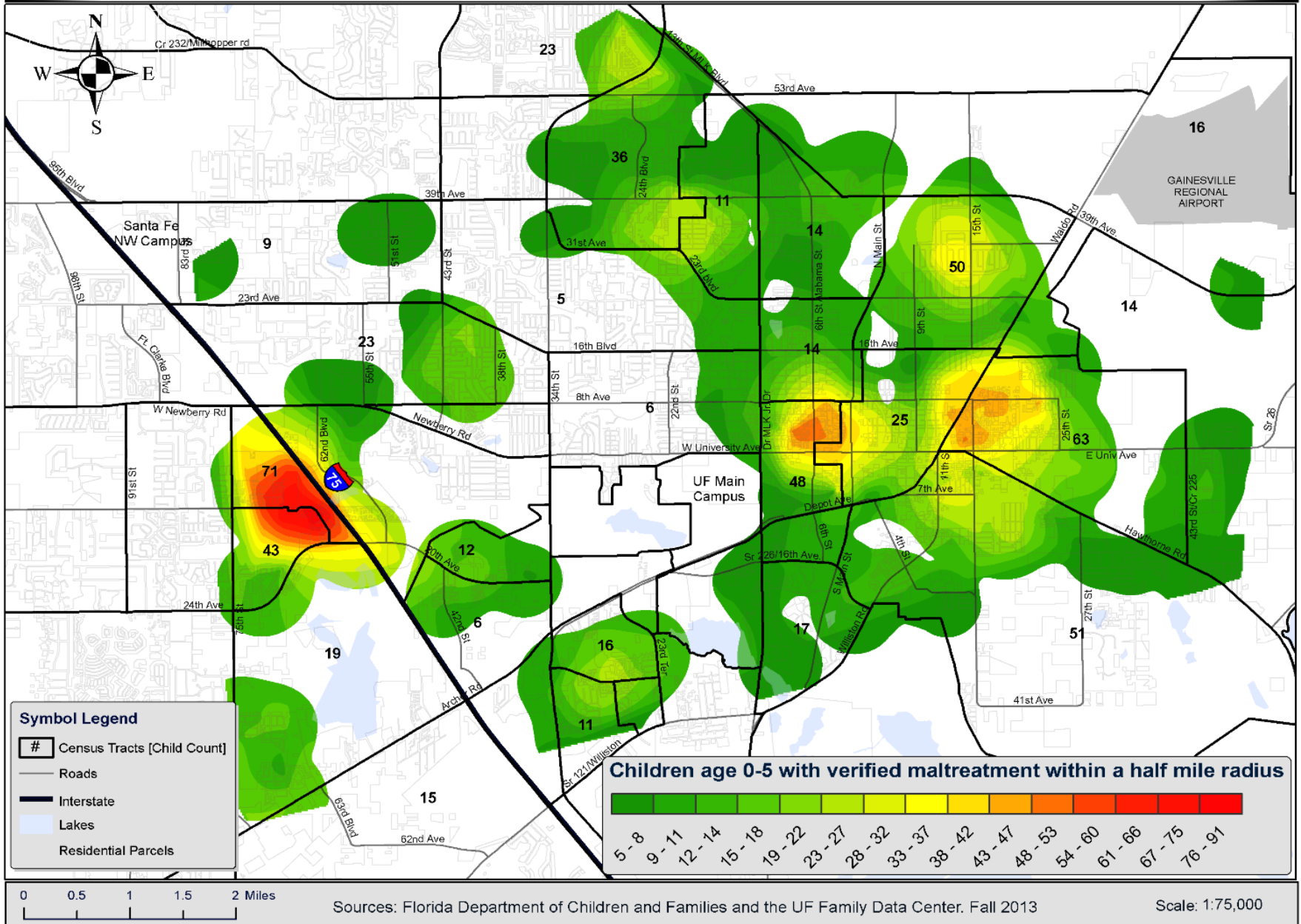
SWAG Needs Assessment



Urban Gainesville, FL - Domestic Violence Reports - Years 2010-2011



Urban Gainesville, FL - Children age 0-5 with verified maltreatment (July 2009 - June 2012)



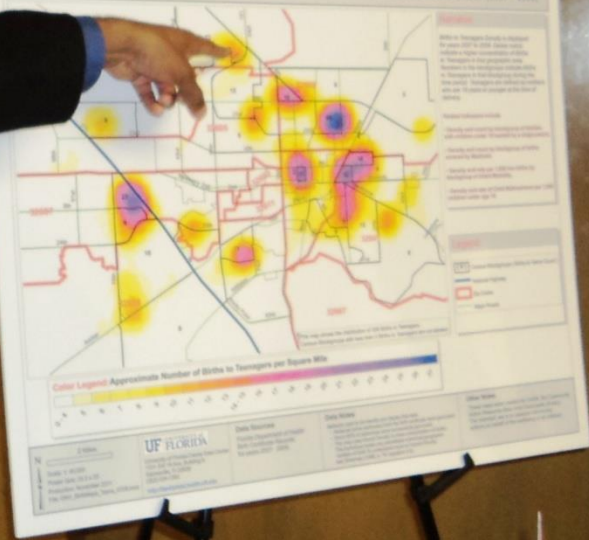
“The greatest value of a picture is when it forces us to notice what we never expected to see.” John W. Tukey (Inventor of the box plot) 1977



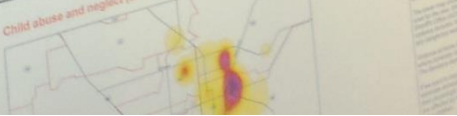
FREEDOM SHRINE

Created by the National Endowment for Democracy in 1990, the Freedom Shrine is a national shrine to the American flag.

GAINESVILLE, FL. BIRTHS TO TEENAGERS (10-19) DENSITY AND COUNT BY CENSUS BLOCKGROUP (2007 - 2009)



SIDE BY SIDE DENSITY MAPS FOR DOMESTIC VIOLENCE OF LAW ENFORCEMENT AND CONFIRMED CASES OF CHILD ABUSE AND NEGLECT (2005-2009)



Local Solution



The University of Florida launched the Mobile Outreach Clinic in January of 2010

Stops in at-risk neighborhoods around Alachua County

(Now a bricks and mortar clinic!)





The Partnership Works!

Resource Center

- Last year, approximately 15,000 visits.
- Since opening in the summer of 2012, more than 42,000 visits.
- Since 2012, there has been a **45% reduction in the verified maltreatment counts** in the zip code 32607.

Health Clinic

- Seeing approximately 500 patients a month.
- That includes more than 37,000 individual medical services and more than 14,000 dental services.

Reductions in Calls for Service

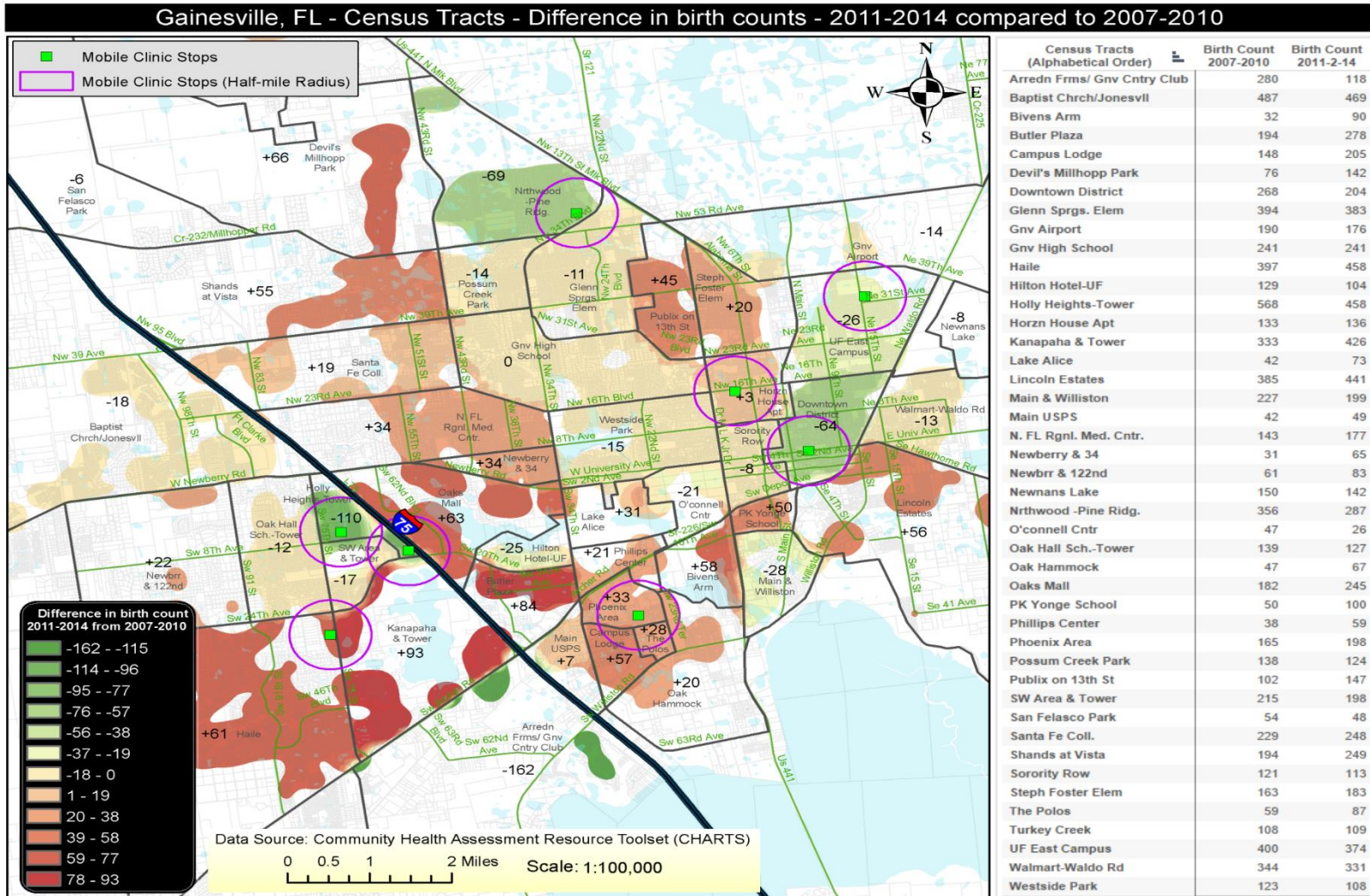
- Narcotics violations
- Sexual battery
- Shots heard/fired

Increase in Calls for Service

- Domestic disturbance
- Robbery
- Sex offense
- Possibly mentally impaired
- Juvenile problem
- Marchman/Baker Act

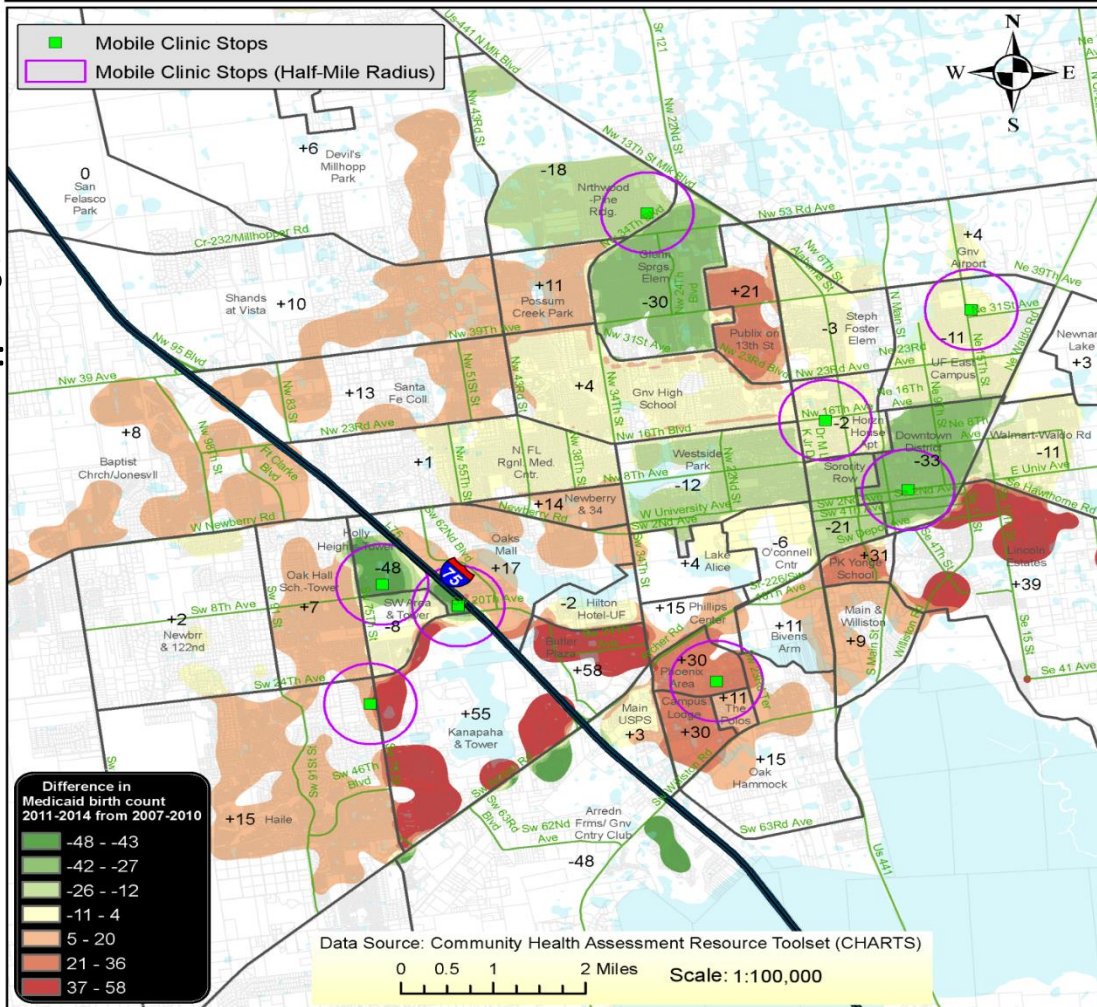
Decrease in total births

-127
births @
\$8800 ea
=\$1.1M



Decrease in Medicaid births

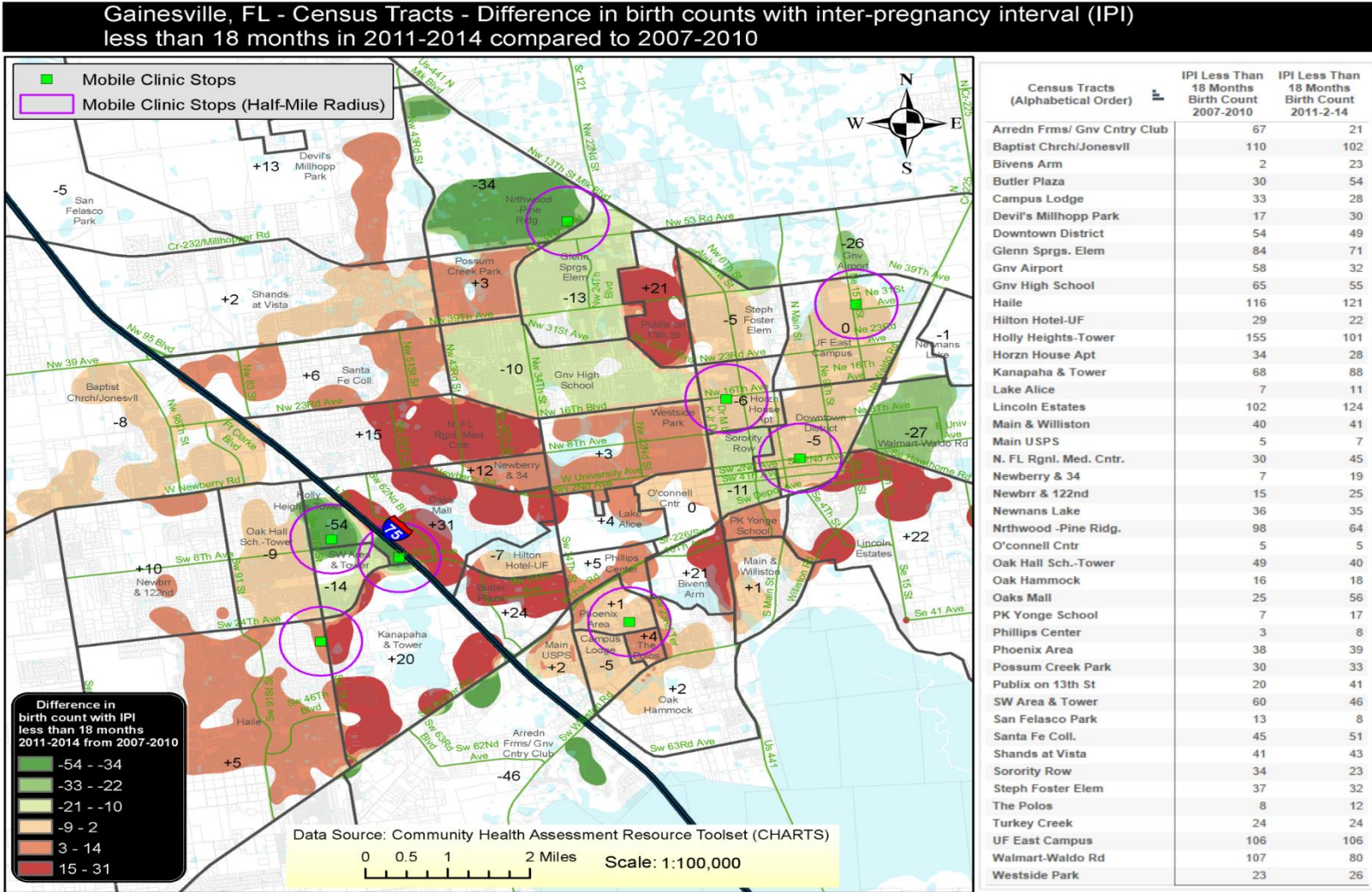
Gainesville, FL - Census Tracts - Difference in Medicaid birth counts in 2011-2014 compared to 2007-2010



Census Tracts (Alphabetical Order)	Medicaid Birth Count 2007-2010	Medicaid Birth Count 2011-2-14
Arredn Frms/ Gnv Cntry Club	134	86
Baptist Chrch/Jonesvll	64	72
Bivens Arm	14	25
Butler Plaza	100	158
Campus Lodge	74	104
Devil's Millhopp Park	5	11
Downtown District	142	109
Glenn Sprgs. Elem	136	106
Gnv Airport	140	144
Gnv High School	66	70
Haile	29	44
Hilton Hotel-UF	61	59
Holly Heights-Tower	401	353
Horzn House Apt	83	81
Kanapha & Tower	164	219
Lake Alice	11	15
Lincoln Estates	298	337
Main & Williston	93	102
Main USPS	22	25
N. FL Rgnl. Med. Cntr.	25	26
Newberry & 34	6	20
Newbrrr & 122nd	9	11
Newnans Lake	96	99
Nrthwood -Pine Rldg.	135	117
O'connell Cntr	9	3
Oak Hall Sch.-Tower	16	23
Oak Hammock	12	27
Oaks Mall	57	74
PK Yonge School	20	51
Phillips Center	15	30
Phoenix Area	101	131
Possum Creek Park	21	32
Publix on 13th St	49	70
SW Area & Tower	160	152
San Felasco Park	21	21
Santa Fe Coll.	83	96
Shands at Vista	37	47
Sorority Row	91	70
Steph Foster Elem	111	108
The Polos	31	42
Turkey Creek	20	19
UF East Campus	279	268
Walmart-Waldo Rd	282	271
Westside Park	27	15

-56 births
@\$9714=
\$544K

Decrease in births with short IPI

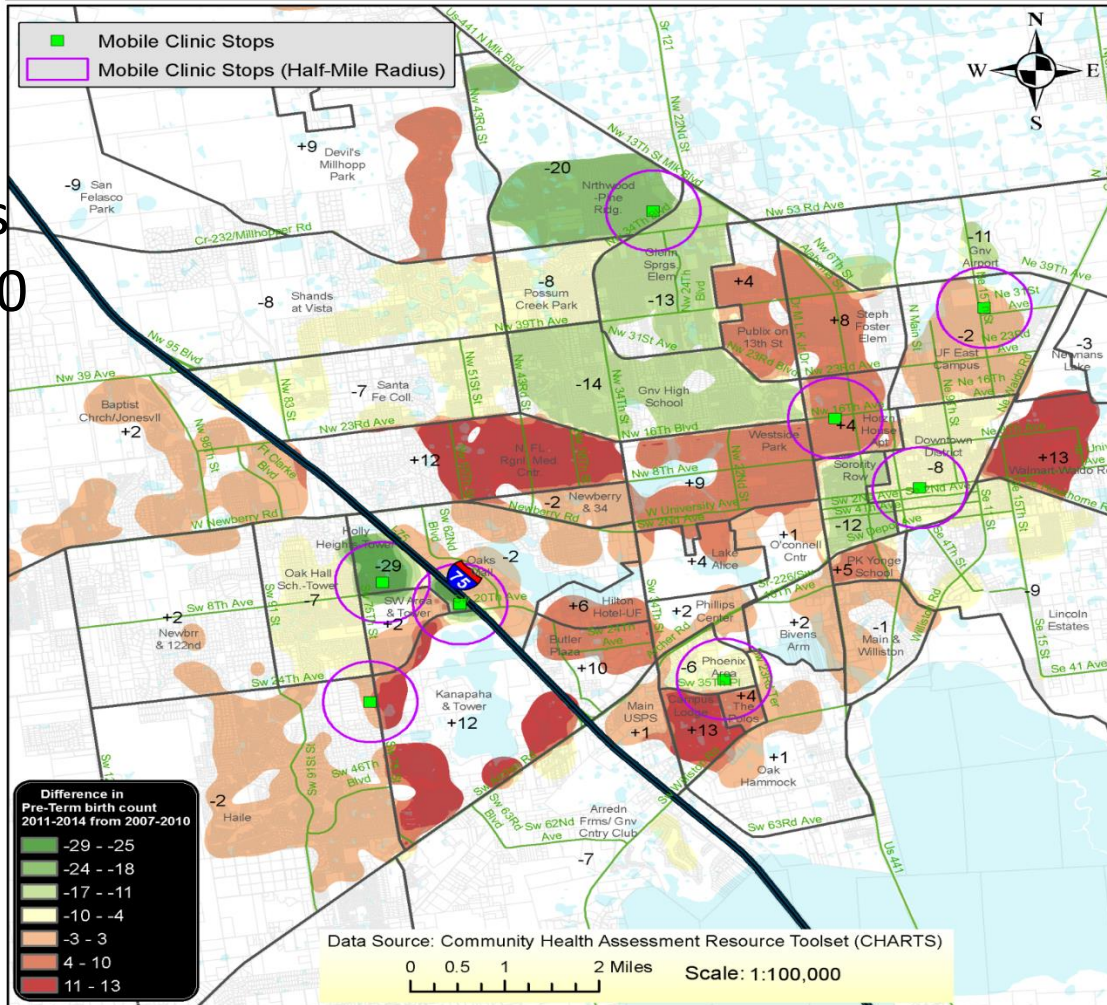


-68
births

Decrease in Premature Births

Gainesville, FL - Census Tracts - Difference in Pre-Term birth counts in 2011-2014 compared to 2007-2010

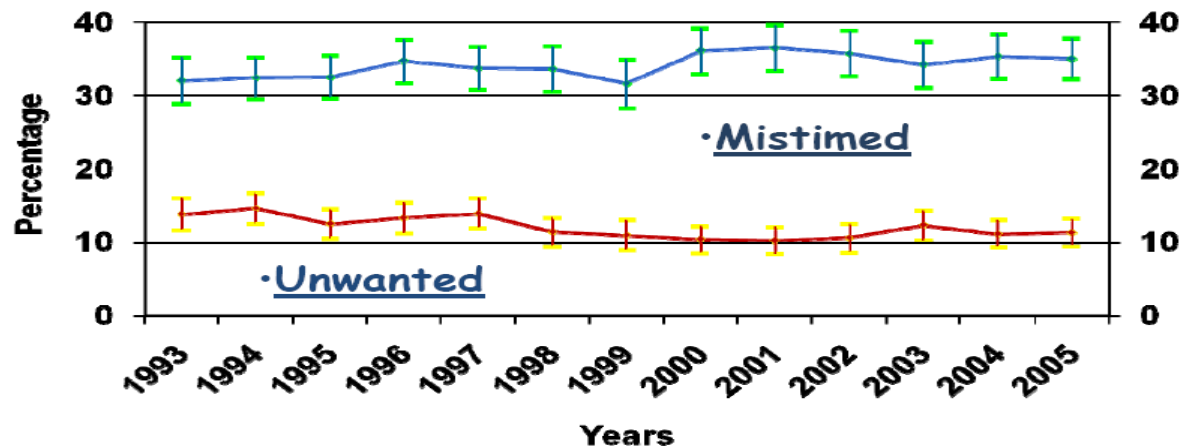
-27 births
@ \$83,800
= \$2.3M



Census Tracts (Alphabetical Order)	Pre-Term Birth Count 2007-2010	Pre-Term Birth Count 2011-2-14
Arredn Frms/ Gnv Entry Club	27	20
Baptist Chrch/Jonesvill	34	36
Bivens Arm	1	3
Butler Plaza	15	25
Campus Lodge	12	25
Devil's Millhopp Park	6	15
Downtown District	28	20
Glenn Sprgs. Elem	34	21
Gnv Airport	30	19
Gnv High School	31	17
Haile	33	31
Hilton Hotel-UF	8	14
Holly Heights-Tower	80	51
Horzn House Apt	12	16
Kanapaha & Tower	37	49
Lake Alice	1	5
Lincoln Estates	64	55
Main & Williston	20	19
Main USFS	2	3
N. FL Rgnl. Med. Cntr.	8	20
Newberry & 34	4	2
Newbrr & 122nd	5	7
Newnans Lake	17	14
Nrthwood -Pine Ridg.	44	24
O'Connell Cntr	0	1
Oak Hall Sch.-Tower	14	7
Oak Hammock	3	4
Oaks Mall	18	16
PK Yonge School	4	9
Phillips Center	5	7
Phoenix Area	20	14
Possum Creek Park	19	11
Publix on 13th St	9	13
SW Area & Tower	22	24
San Felasco Park	11	2
Santa Fe Coll.	24	17
Shands at Vista	21	13
Sorority Row	19	7
Steph Foster Elem	17	25
The Polos	5	9
Turkey Creek	7	5
UF East Campus	62	60
Walmart-Waldo Rd	47	60
Westside Park	3	12

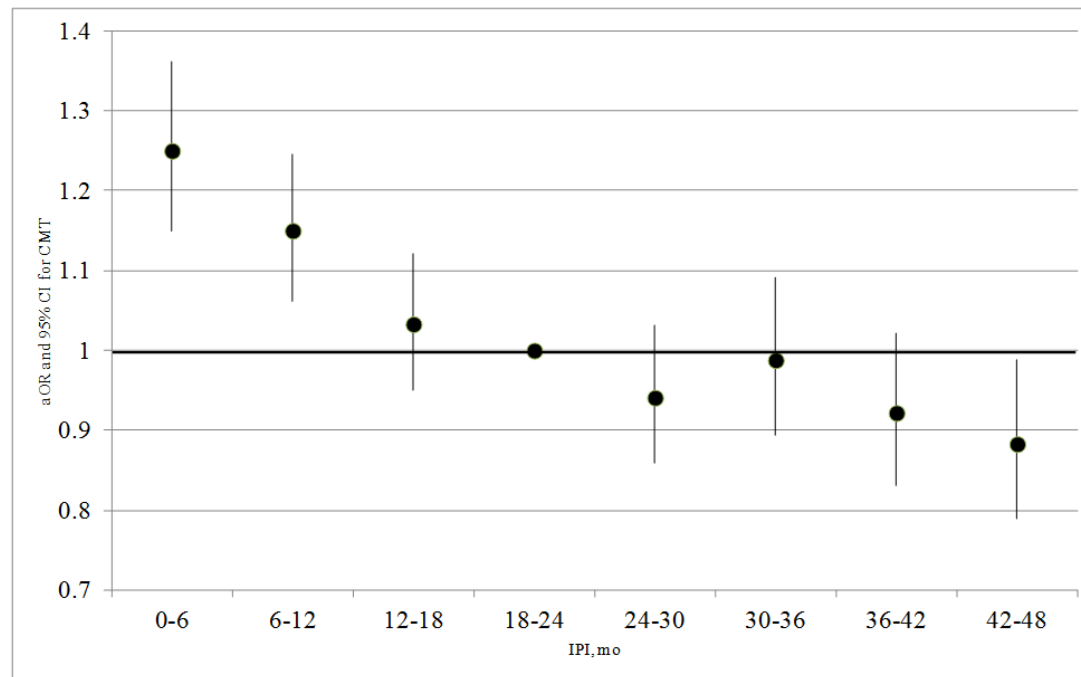
Many (>45%) Florida Women Did Not Plan Or Want Their Baby

Percent of Live Births to Mothers with Mistimed & Unwanted Pregnancies Florida, 1993 to 2005

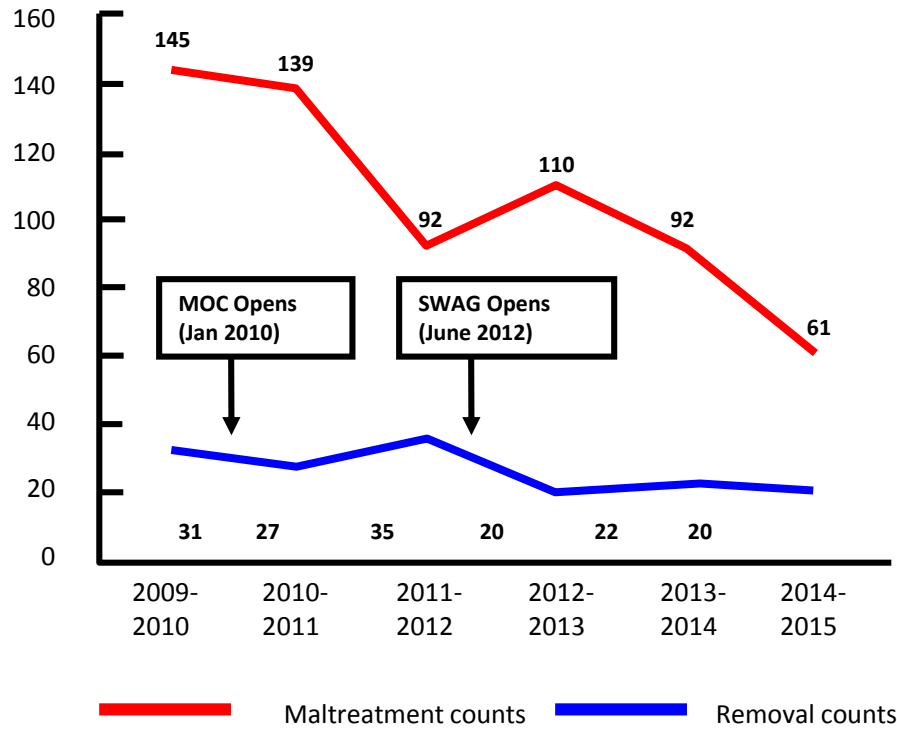


•Source: FDOH PRAMS Surveillance Reports

Relative risk of child abuse by interpregnancy interval (Thompson, Hardt, et al)



32607 Maltreatment and Removal Counts for 2009 — 2015



-84
maltreatment
-11 removals to
FC

\$187Kx84=
\$15.7M
For FC, add
\$26K/year

Gainesville, Florida

FY08-09 Verified Maltreatment Incidents And Resource Center Locations

Legend

Gainesville Area - FY08-09 Verified Maltreatment



High

Low

Cone Park Library Resource Center



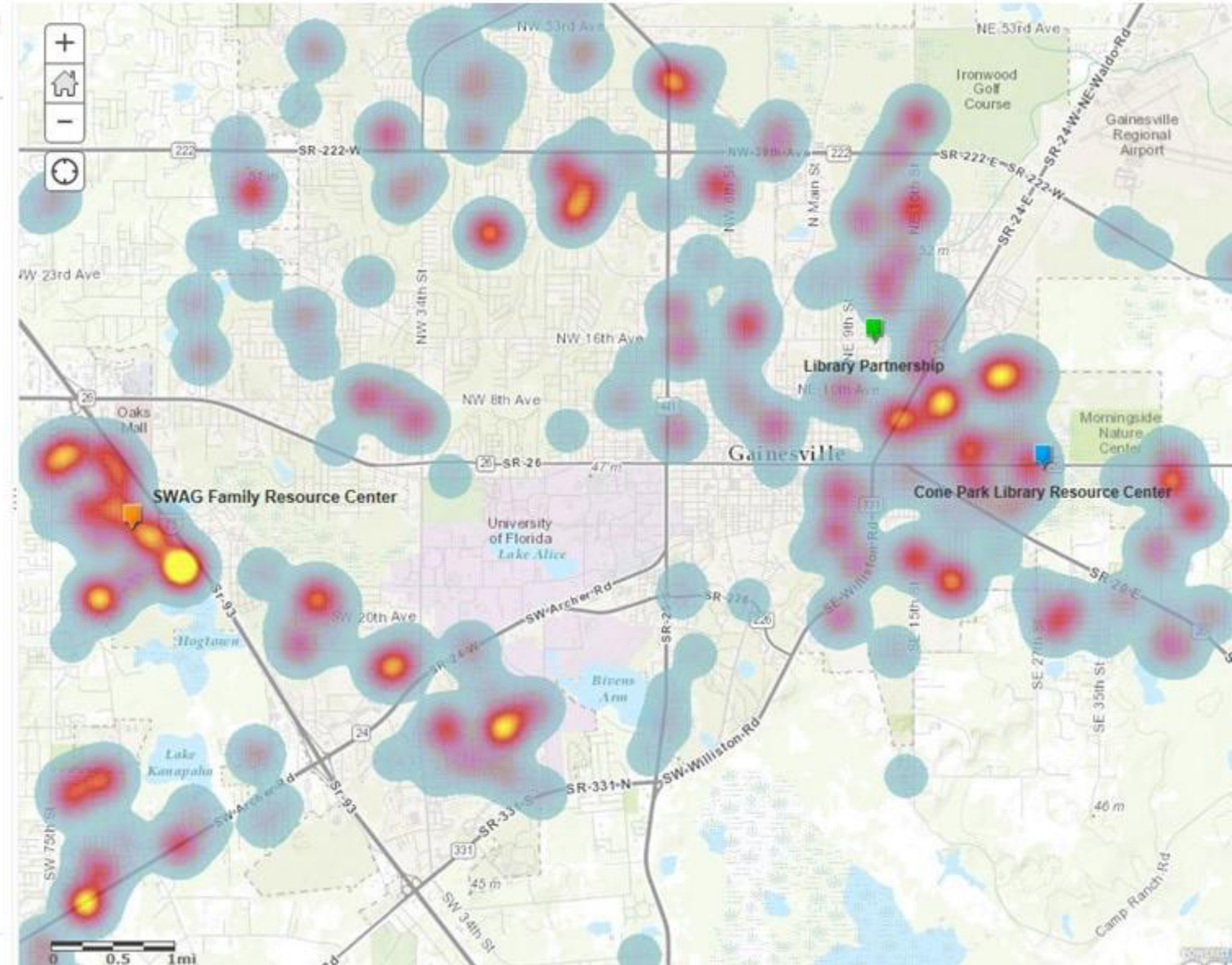
Library Partnership



SWAG Family Resource Center

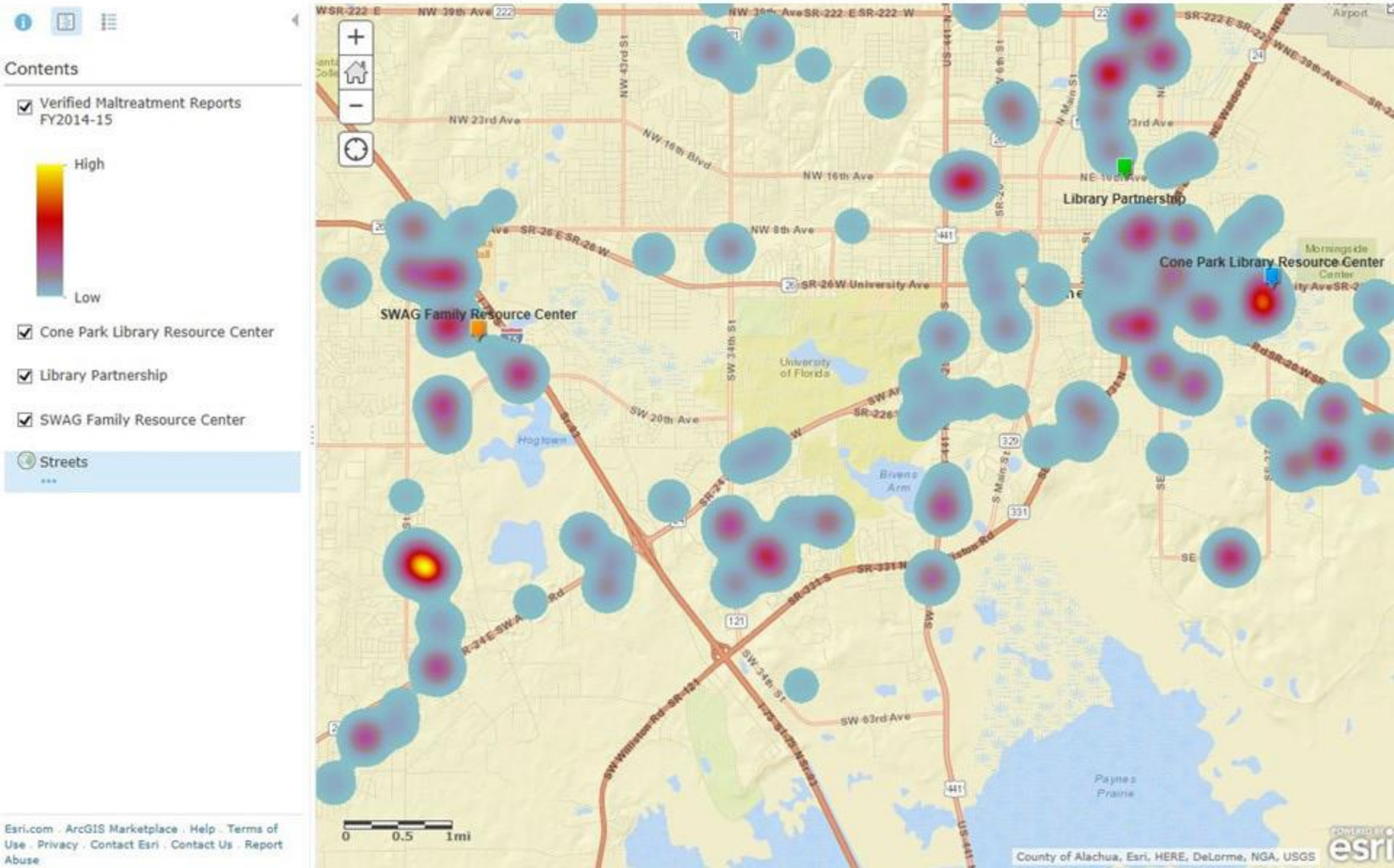


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Gainesville, Florida

FY14-15 Verified Maltreatment Incidents And Resource Center Locations



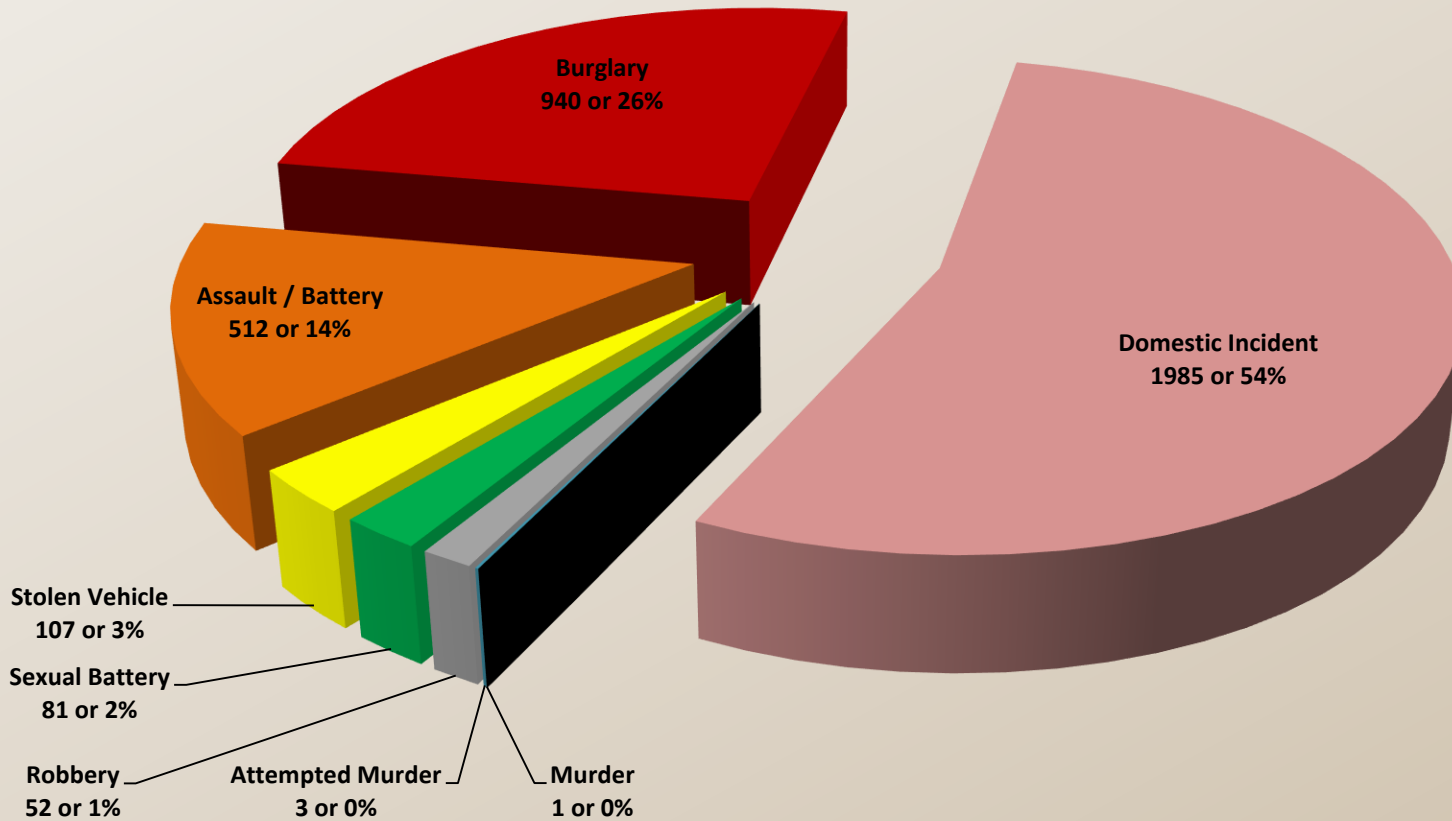
Alachua County, a trauma responsive community in evolution





2015 ANNUAL REPORT FOR THE STATE OF ALACHUA COUNTY

ACSO Crime Analysis Unit
Percentage of Selected Crime



In 2014 we were already trauma aware...

- 2007 InVEST program: weekly staffing for cases identified as high risk, a collaboration between court, domestic abuse network, and sheriff's office
- 2009 LAP training for deputies answering calls for domestic violence, results reviewed by InVEST
- 2010 IPVAC, law/medicine clinic improved access to orders of protection
- 2012 High Risk team: monthly staffing for cases identified by LAP, includes DCF, ACSO, Peaceful Paths
- 2012 DV Fatality Review noted intergenerational violence in each case

SEPTEMBER 18, 2014

DON CURTIS SPIRIT



Don C. Spirit, 51 called 911 and reported that he had just shot his daughter and 6 grand children. He then said he would shoot himself once law enforcement arrived on scene.

He did.

SEPTEMBER 18, 2014

**3 Generations of victims of Bell
tragedy (Gilchrist county)**

- **Daughter, Sarah Spirit, 28**
- **Grandson, Kaleb Kuhlmann, 11**
- **Granddaughter, Kylie Kuhlmann, 9**
- **Grandson, Johnathon Kuhlmann, 8**
- **Granddaughter, Destiny Stewart, 5**
- **Grandson, Brandon Stewart, 4**
- **Granddaughter, Alanna Stewart, 3 mos.**
- **Grandfather, Don Spirit, 51 (suicide)**

In the week since a Bell man shot to death his daughter and six grandchildren before turning the gun on himself, a picture has emerged of the warning signs that preceded the killings. The Sun's reporting has shown that a history of problems that included child neglect, domestic violence, mental illness and substance abuse created a volatile combination that exploded in tragedy. It raises questions about the state agency tasked with protecting children from

report. DCF did visit the home three weeks after the report, the Gilchrist County Sheriff's Office said. The DCF case was closed around the same time. Questions remain as to why more wasn't done to remove the children from a deteriorating situation, given that the Spirits had a long history of interactions with law enforcement and DCF over incidents involving domestic violence and other problems. There are also questions that haven't fully been

DCF: There was no way to foresee Bell killings

LOCAL HEADLINES

By Arok Si
Staff writer

The inter-Children of 18 case domestic a Bell fam were shot grandfath dict the tr A collect afternoon menti

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By Cindy Swirko Staff writer
A report detailing the failings of the Florida Department of Children and Families in the case of a Bell man who fatally shot his daughter and six grandchildren before killing himself should draw greater scrutiny of the agency, local officials said Wednesday. Alachua County Sheriff Sadie Darnell, whose agency had come in contact with family members last year, said she cannot understand why DCF did not intervene with the family of Don Spirit, his daughter Sarah Spirit and her six children given the evidence of mistreatment, drug use, domestic violence and other concerns. "I don't get it. I don't understand when they mention the high-risk characteristics needed for intervention and how it wasn't there. I don't understand what is needed to be there to justify intervention," Darnell said. "I'm really struggling to not lay blame ... but if we came across puppies in that condition, we would rescue them." Meanwhile, state Rep. Keith Perry of Gainesville, whose district includes Gilchrist County, where the shootings took place, said he believes the Legislature likely will address concerns with DCF over the Sept. 18 killings. Greater accountability of DCF is needed, Perry said.

Sheriff: DCF didn't heed warning about Spirit

Darnell says a UF team told DCF the kids should not have contact with their grandfather.

later killed them, according to Alachua County Sheriff Sadie Darnell. During a 2013 child abuse investigation, the University of Florida Child



Spirit

Darnell. But that message was either ignored, forgotten or not relayed fast enough. Sarah Spirit told a DCF agent sometime after Sept. 1, 2014, that she and her six kids were moving in with her father. On Sept. 18, Don C. Spirit shot and killed his daughter and her six children before killing himself behind his home

Stewart, 5, Brandon Stewart, 4, and Alanna Stewart, born on June 28. Spirit also killed their mother, Sarah Spirit, 28. Both the UF team and the Florida Department of Health refused to confirm that they interviewed the children, citing confidentiality laws. However, Darnell said an Alachua County deputy's role in the June 1, 2013,

Officials: DCF needs more accountability

agency's handling of the case after the killing. "She was beaten very badly and I think there had been indications of abuse before the murder," State Attorney Bill Cervone said. In 2013, the Alachua County Sheriff's Office was called to investigate the Spirit family at the request of DCF after Spirit's former wife and Sarah Spirit's mother, Alachua resident Christine Jeffers, had taken custody of the children. A deputy interviewed three of the children, who said that Don Spirit beat them. Since Spirit and Sarah Spirit lived in Gilchrist County, Alachua County authorities could take no action. Darnell said she would support the state turning over investigations of child abuse to sheriffs rather than DCF. Deputies typically get involved anyway, she said. "I don't want it because I know it's a no-win situation. But I do believe in order for it to be done as best as it can, the sheriffs can be held accountable more than a state organization," she said. "We have the training and the personnel. We are going to be on the scene most of the time anyway. What I got from the report is that we are all working in silos. I'm willing to put detectives and victim advocates in the same building with the Child Protection Team and DCF."

Team warned a Department of and Families views with Kylie himann and John th the children sho ith Don C. Spirit,

SPiRiT: Daughter wrote she was 'very scared' of her dad

Continued from 1A

prompted Darnell to request an inquiry. "I was advised that, regarding our contact with DCF and Christine Jeffers, a forensics interview was conducted," Darnell said, later adding, "And DCF was advised (for the children) not to have contact with the grandfather." DCF spokeswoman Alexis Lambert refused to comment on whether the recommendation was made, citing an ongoing investigation by her agency's Critical Incident Rapid Response Team, which was assembled to review how it handled cases involving the Spirit family. Results from the inquiry should be available sometime this week, Lambert said. The DCF Critical Incident Rapid Response Team was formed through policy adopted by the Legislature in the spring in the wake of a powerful Miami Herald special report revealing that at least 477 children who had reported prior contact with DCF later died. The report also found that cutbacks in services and a push to keep families together actually placed children in harm's way. The legislation, known in legislative

chambers as the Child Welfare bill, was signed into law earlier this year by Gov. Rick Scott. His office, which oversees DCF, failed to respond to a Friday request for comment on the UF Child Protection Team's recommendation. The 2013 Alachua County sheriff's report states that Sarah Spirit told Jeffers she had seen guns in Don Spirit's home and Jeffers told a deputy that Don Spirit suffered from a bipolar disorder. Don Spirit was a convicted felon, and, although his civil rights had been restored by the state Office of Executive Clemency in 2008, he was not allowed to possess any firearms. In a domestic violence case reported to the Gilchrist County Sheriff's Office in September 2002, Don C. Spirit's son — who was a juvenile at the time — told deputies his father beat his mother, threatened to kill her and took a sledgehammer to her sport utility vehicle and the house telephone. In 2006, deputies reported that Don C. Spirit beat his son because the boy leaned his own jacket to a friend. In August 2008, a pregnant Sarah Spirit ran from the home in fear for her life after her father threw her against a refrigerator, deputies said. In a resulting

application for a protective order, Sarah Spirit wrote that her father had a horrible temper. "I am very scared of him," Sarah Spirit wrote in the Gilchrist County Circuit Court document. "I know what he is capable of from past events with my mom." The Alachua County sheriff's report released on Tuesday provided more details into the circumstances that led up to a case that stunned Bell, a mostly agricultural town of roughly 350 residents. The deputy reported that he was told by Kylie, Kaleb and Johnathon that Don C. Spirit beat them with a belt for playing inside his home, and Kylie showed him a bruise on her leg. But because Don Spirit lived outside Alachua County, the deputy relied on the DCF investigator to alert the Gilchrist County Sheriff's Office. The deputy also noted in his report that he would contact Gilchrist authorities himself after he got a call from the DCF investigator to confirm forensics interviews with the UF Child Protection Team. "The phone call from DCF never came, and the Alachua County deputy learned through a follow-up in August 2014 that

the case had been closed and deemed unfounded on June 24, 2013. Gilchrist County Sheriff's Lt. Jeff Manning had said one of his deputies assisted a DCF investigator in a visit to Don C. Spirit's home on June 21, 2013, but no report was written. Darnell said a meeting on Friday with her command staff also did not believe the deputy who assisted DCF properly performed his job. However, the case was an experience in which to learn, she said. "Our procedures and practices are very good, but we can always improve," she said. A DCF summary provided on Sept. 22, 2014, stated the agency embarked on another inquiry into Sarah Spirit on Sept. 1 — about two weeks before the murder-suicide — after investigators heard an allegation that adults in Sarah Spirit's home were smoking a synthetic drug known as Spice. Sarah Spirit had admitted to failing a drug test administered by a probation officer, which led to jail time. Following Sarah Spirit's release from jail, she and her six kids were kicked out of the home where they had lived and moved in with Don C. Spirit at the home at which they were fatally shot on Sept. 18.

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Sarah's children had at least 4 ACES

- Physical abuse
- Mother treated violently
- Parental substance abuse
- Incarcerated parent

After Bell, enhancements to information sharing were made

- **InVEST Team Department of Children and Families (DCF) added to weekly meetings**
 - Domestic abuse network sent staff to DCF
- **Lethality Assessment Program(LAP)**
 - 2015 - LAP sent to DCF immediately (indicating child endangerment)

Peace4Gainesville, a trauma responsive community

- *Trauma/ACES occur when terrifying events overwhelm the ordinary human adaptations to stress.*
- *ACEs in the absence of resilience lead to serious long term effects on mental and physical health and social functioning.*
- *Our goal is to reduce trauma and enhance resilience.*

Goals of P4G

- Raise community awareness by presenting a common vocabulary for trauma and trauma responsive service provision
- Use data to inform action
- Change expectations of programs and service provision, embedding trauma responsiveness in our community agencies, institutions, programs, and policies

Summary

- Trauma responsive care is designed with the consumer in mind (convenient hours and location, no appointments needed, non-judgemental providers)
- The combination of family support services and family planning
 - reduced births, births with short interpregnancy intervals, premature births, documented cases of child abuse and neglect, and foster care placement
- We found this out quite by accident! We just asked people what they wanted and needed and removed access barriers

What we learned...

- Local data has power
- Density maps are easy for everyone to understand
- Ask people what they need/want
- Foster non-traditional partnerships
- Look at your data again
- If no improvement, try another approach. If improvement, make your change permanent (policy)

Our Policy Wishlist

- Address childhood trauma to reduce incidence AND to improve care of mental illness and substance use in adults
- Reduce obstacles to data sharing (HIPAA, FERPA)
- Remove \$\$ obstacles to interprofessional collaboration (example: DOJ grant will not allow social worker to be funded)

WE ARE NOT DONE!



The C.H.I.L.D.

(Children's Health Imagination Learning and Development)

Center

42.6%
of low-income
mother's
income is spent
on childcare.

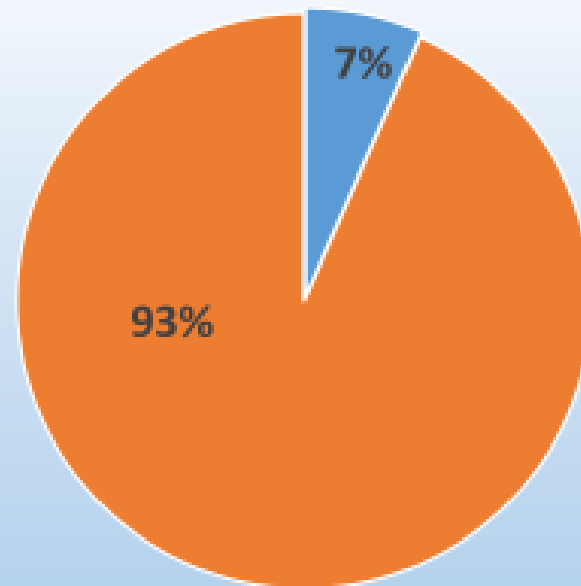


TABLE 1
Average weekly child care expenditures of families with employed mothers that make payments, by selected characteristics, Spring 2011

	Percentage of families making childcare payments	Average weekly childcare costs	Average monthly family income	Percentage of family's monthly income spent on childcare	Average mother's monthly income	Percentage of mother's monthly income spent on childcare
Family poverty level						
Below poverty level	26.0	\$103	\$1,239	35.9	\$1,044	42.6
At or above poverty level	49.0	\$188	\$9,488	8.6	\$3,705	22.0
100-199 percent of poverty level	37.7	\$129	\$2,751	20.3	\$1,667	33.4
200+ percent of poverty level	52.8	\$203	\$11,157	7.9	\$4,209	20.9

Source: U.S. Census Bureau, "Table 6: Average Weekly Child Care Expenditures of Families with Employed Mothers that Make Payments, by Age Groups and Selected Characteristics: Spring 2011" & "Table 5: Families with Employed Mothers that Make Child Care Payments, by Age Groups and Selected Characteristics: Spring 2011" (Washington: United States Census Bureau, 2013), available at <http://www.census.gov/hhes/childcare/data/sipp/2011/tables.html>.

Only 57 of 860 Children in SWAG Area Attend Head Start



■ Head Start Attendees

■ Not Able to Attend Head Start

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