

A Message From the Health Director

I am pleased to present the 2011-2012 Tulsa Health Department Annual Report. This report is a summary of the many activities we perform on a daily basis to honor our commitment to improving the quality of life for all Tulsa County residents. While we do protect the public and promote healthy lifestyles, we are focused on prevention. Our Department provides programs and services that seek to increase healthy births, promote healthy lifestyles, prevent the spread of infectious diseases, protect our environment, and prepare for emergencies.

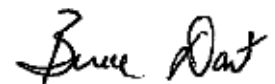
This Annual Report represents challenging work that delivered tangible benefits, offered the highest quality services to our community, and fulfilled our role in the coordination of local public health functions. Despite the many challenges we face to positively impact health status, we strive to maintain high-quality services. This requires us to continually assess the value and impact of our services, find innovative strategies for meeting community needs, identify new resources and technologies, build on our collaborative partnerships, and maximize efficiencies while eliminating waste.

The Tulsa Health Department has embarked on a journey of continuous quality improvement and we have integrated National Public Health Performance Standards within our organization. These Standards will enhance our ability to collaborate and provide the essential services of public health, which we expect will result in meeting the Public Health Accreditation Board's national accreditation standards in fiscal year 2012-2013.

This year we completed the most comprehensive community health assessment ever done by the Department to bring community partners and citizens together to develop a Community Health Improvement Plan, scheduled to be implemented in July 2013. Construction continued on the North Regional Health and Wellness Center, which was created to serve Tulsa County's most vulnerable populations. This facility will also create opportunities for the community to come together to plan and promote healthy lifestyles.

Great momentum is building throughout Tulsa County around health improvement. While we celebrate our successes, we understand the areas which we need to target in order to ensure all Tulsa residents have the ability to live long and healthy lives.

Finally, I'd like to express my sincere appreciation to the dedicated staff at THD for their commitment to public service. They truly are Tulsa's best.



Bruce Dart, Ph.D.
Health Director
Tulsa Health Department

BOARD OF HEALTH

2011 – 2012 Board of Health Members



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The Tulsa Health Department was created in 1950. The Board of Health consists of nine members. Four are appointed by the Mayor of the City of Tulsa and five are appointed by the Tulsa County Commissioners. Members are appointed to six year terms.

MISSION VISION & CORE VALUES

Mission

To sustain an equitable system that prevents disease, promotes healthy living, and ensures preparedness.

Vision

A community of empowered citizens making healthy choices that carry forward for future generations.

Core Values

Health equity, collaboration, community empowerment and respect, healthy people, healthy environment, service excellence.

COMMUNITY HEALTH SERVICES

Take Charge!

A client of Take Charge! stated she was very nervous and embarrassed about having to use a free program. She had always had insurance in the past, but had recently lost it due to a divorce. After her interaction with the front staff and the TC! Nurse, she was more at ease and was very impressed with the way the program works, saying “What you girls do is awesome. Thank you for all your hard work and seeing that I get to all my appointments.”

Children First

“I’ll never forget my experience with the Children First Program. I never wanted children and when I became pregnant I had so many emotions and I knew nothing about children. My friend told me about this program and so I thought it wouldn’t hurt to try it. I started out with one nurse and she went on vacation so they sent Barbara to take her spot while she was gone. I felt a connection with her and couldn’t let her go so she became my nurse. Barbara brought me information of child growth, development, nutrition, etc. This program had so much more to offer than I could have dreamed of. Having a Registered Nurse come to my house was such a blessing. This program improved my knowledge of how to be a good mother which was not only beneficial to me but to my baby as well. If it wasn’t for this program and all of Barbara’s knowledge on how to be such a great mother to help my baby grow and develop I wouldn’t be the mother I am today. I just can’t thank her or this program enough. It is truly a blessing to offer this to first time mothers such as myself.”

— *Tabitha Blan*

Immunizations

3,638 more vaccines were given to children in 2012 than in the previous year.

Dental

In 2012, the dental program served 26% more children than the previous year.

COMMUNITY HEALTH SERVICES

	FY 2009 – 10	2010 – 11	2011 – 12
Immunizations			
Adult client visits	55,878	11,967	11,093
Number of vaccines given to adults receiving immunizations	60,364	15,961	15,794
Child client visits	60,694	23,653	23,987
Number of vaccines given to children receiving immunizations	90,844	47,821	51,459
Children First			
Number of families served	873	686	701
Nurse case management visits to pregnant women and infants	9,945	7,598	7,810
Adult Health Screenings			
Number of clients screened	1,775	1,703	1,787
Family Planning			
Number of clients served	6,410	6,478	6,175
Dental			
Number of children served	459	401	505
Birth and Death Certificates			
Number of certified birth certificates issued	39,030	38,112	37,765
Number of certified death certificates issued	56,343	57,640	60,633

DISEASE CONTROL SERVICES

TB Program

A 23-year old patient reported to the THD TB program upon discharge from a local hospital and was worked up as a TB suspect. A skin test was placed in the hospital and was read at the health department measuring at 22mm. The patient did report having a history of TB disease six years prior and was treated for six months in Mexico.

Directly Observed Therapy was done for approximately two months, then confirmation of drug resistant organisms to 2 of the main line drugs and partially resistant to the third classified her as a Multi Drug Resistant case.

Client started on second line drugs (medications used to treat TB but not as effective, increasing treatment duration) and PICC line placed by St. John's to facilitate giving IV Amikacin. This type of treatment is home health care and THD nurses were trained by St. John's Home Health to provide medication and treatment for this client.

Treatment continued through a two year period. Upon completion of therapy, the client voiced to her Public Health Nurse case manager that there were many times her concern and distress about the reactions and the prolonged treatment would not have been bearable without the help and support of all those associated with her care from the Tulsa Health Department's TB program.

Care of this patient was a true partnering of resources from private providers and city, county, state, and regional TB centers.

DISEASE CONTROL SERVICES

	FY 2009 – 10	2010 – 11	2011 – 12
Number of reported cases:			
Campylobacter	96	38	55
E.coli H7:0157	11	8	9
Giardia	35	3	9
H flu	19	21	13
Hepatitis B	180	184	178
Hepatitis C	563	514	488
N. Meningitis	7	3	2
Pertussis	20	104	23
Salmonella	84	68	100
Shigella	80	27	12
Tick Fevers	125	103	139
Number of clients screened and tested for sexually transmitted disease	5,541	5,420	4,939
Number of tuberculosis (TB) skin tests performed	3,333	2,393	4,807
Number of positive TB skin tests	500	485	427
Number of individuals provided preventive TB therapy	386	340	233

ENVIRONMENTAL PUBLIC HEALTH SERVICES

Food Safety

Tulsa Health Department sanitarians conducted approximately 750 food inspections during the 2012 Tulsa State Fair. Sanitarians inspected over 200 individual food booths for compliance with State food regulations and provided training on appropriate food handling procedures and most importantly, ensured that proper hand washing techniques were being used.

Environmental Health

In 2012, staff conducted and addressed 6,663 investigations, inspections, citizen concerns, and sample collections. There were 2,612 requests for mosquito spraying, which resulted in 251 square miles being sprayed for mosquitoes. Additionally, staff collected and tested 18,758 mosquitoes from approximately 808 individual test pools for West Nile.

ENVIRONMENTAL PUBLIC HEALTH SERVICES

	FY 2009 – 10	2010 – 11	2011 – 12
Foodhandler classes conducted	555	503	555
Individuals trained through foodhandler classes	27,173	25,898	26,793
Food manager certification permits issued	1,240	1,305	1,327
Volunteer foodhandler presentations conducted	94	72	71
Volunteer foodhandler permits issued	5,260	6,771	5,843
Food sanitation inspections performed	8,373	9,417	9,376
Food establishment complaints	681	639	622
Foodborne illness complaints	198	152	155
Construction plan reviews	239	223	223
Swimming pool operator permits issued	286	327	253
Swimming pool operator classes conducted	7	10	6
Swimming pool and spa inspections performed	2,543	2,489	2,490
Swimming pool complaints	44	40	38
Hotel/motel inspections and complaints	158	153	180
Number of mosquitoes tested	11,511	8,996	18,758
Mosquito requests for spraying	*	*	2,612
Mosquito trap collections	*	*	891
Square miles sprayed for mosquito control	*	*	251
Residential properties assessed for rat control	26	292	102
Gas station vapor recovery system inspections conducted	303	177	191
Asbestos removal inspections	9	33	29
Water samples tested	10,746	10,326	10,245
Premise sanitation complaints	*	*	1,238
Housing code inspections	*	*	1,374
Air quality permit inspections	*	*	516
Building plan inspections	*	*	32

HEALTH PROMOTION & OUTREACH

Personal Responsibility Education Program

Personal Responsibility Education Program (PREP) uses medically accurate, age-appropriate comprehensive sex education curriculum to combat the high rates of teen pregnancy within Tulsa County. PREP Specialists reach out to young people in a variety of settings including schools and at community organizations. Between December 2011 and December 2012, PREP Specialists were able to reach approximately 1300 students in 13 different school and community locations.

During the summer 2012 class session PREP was able to educate Tulsa Public School students, grades 7th – 12th. The students participated either in the middle school curriculum Making A Difference or the high school curriculum Making Proud Choices. Each curriculum consists of 8 modules that are intended to reduce the incidence of unprotected sexual activity among young adolescents and to help them make proud and intelligent choices about their sexual behavior. Before beginning Module 1, all students took a pre-test on their knowledge, experience, and expectations on topics that deal with personal responsibility associated with the dangers and risks related to sexual activity including but not limited to puberty, reproduction, sexually transmitted diseases, abstinence, and contraceptives. After the 8 modules were completed, all students took a post-test that mirrored the pre-test they previously completed. In comparison to the pre-test, the results from the post-test show:

- 20% more students know the truth about HIV
- 38% more have an increased knowledge of sexually transmitted diseases
- 62.9% more students believe that they and their peers are capable of resisting peer pressure to have sex
- 100% of students agreed or strongly agreed when asked whether or not a condom should be used every time if a person their age has sex
- 100% of students knew where to tell someone to go if someone asked them where to go for birth control or where to get a test for STDs

HEALTH PROMOTION & OUTREACH

Child Guidance

In 2012, Child Guidance provided clinic-based services for 4,163 clients, an increase of 80% from the previous year.

“Nine months ago I ended an abusive marriage and sought help to start my life over again with my three children after previously being a stay at home mom. The old saying that it gets worse before it gets better resonates with me as I think about how hard it was for me to keep my head together immediately following the break up. Anxiety and depression took hold like a noose around my neck, and my children paid the price with my antics, sobs, screaming, and withdrawing. However, I had no choice, but to push on in order to put food on the table. Unfortunately, my yelling got worse and I began landing in the pitfalls of name calling, which was something I vowed I would never do long before I had children. The last thing I ever wanted was to become my mother who abused me.

I enrolled my younger two children at Day Schools. Within a few weeks the assistant director told me in private that she felt I should have my middle son evaluated for developmental disabilities more specifically possible autism. So I took her advice and contacted Child Guidance. I signed up to take the Circle of Security Classes, because I knew in my heart that I needed help as a mother partly because I think all mothers need help and encouragement, and also because I know that my special needs child was overwhelming me and taking up most of my attention so that the other two were being put on the back burner.

The Circle of Security classes were phenomenal! I cannot say enough words to describe the positive skills I have learned from the program. My quality of life and parenting skills have improved drastically from me feeling like a complete failure to being confident in my ability to be a decent emotionally stable mother ready and available to meet my children’s needs. I learned how to let go of my guilt in order to focus better on helping my children reorganize their feelings by being bigger, stronger, kinder, and wiser. The result has been amazing! My middle son cooperates with me beautifully now! All three children feel comfortable with coming to me for anything including moments of joy and moments of uneasiness. Their behavior has been awesome, and discipline no longer means spankings, time outs, or screaming and yelling. If anyone takes a time out it is me and the purpose is only to regroup and gather my thoughts so that I can chose how to best respond when I am feeling overwhelmed.

Though there are still times that ruptures occur and I still make mistakes, I now have the gift of knowing how to sincerely repair the relationships, which steers my children in the direction of being healthy confident individuals. I am grateful for the lessons I have learned from Child Guidance, and I definitely recommend it to every parent.”

— Robin Henry

HEALTH PROMOTION & OUTREACH

Regional Prevention Coordinator & The Strategic Prevention Framework State Incentive Grant (RPC & SPF-SIG)

Alcohol Compliance Checks: RPC conducted a total of 121 alcohol compliance checks in FY2012 with 25 sales. The compliance rate was 80%. They conducted 52 on-site ACCs with 13 sales, i.e., 75% compliance. (On site refers to establishments in which beer or alcohol may be consumed on site.) There were 69 off site ACCs with 12 sales, i.e., 83% compliance. (Off site are liquor stores/convenience stores/groceries/drug stores, etc.) All ACCs are conducted with law enforcement as failure to comply may result in citations. Selling low point beer to a minor is a misdemeanor. Selling alcohol to a minor is a felony.

Reward Reminder Visits: There were a total of 197 visits with only 3 sales, which is 99% compliance. These are reminders not to sell to those under 18 and to always ask for an ID. If clerks do not sell, they are rewarded with a \$5 Target gift card. If a clerk sells, they are provided with literature on underage smoking and what the penalties could be.

Responsible Beverage Sales and Service Training (RBSS): RPC offers this training free of charge to anyone who sells/serves beer or alcohol. There were approximately 60 attendees at the trainings.

RPC conducted 11 alcohol risk assessments during FY12, including 2 special events. These assessments are observations of bars, restaurants, and special events in which notations are made regarding checking identification of all persons who are 40 or under, whether drinks are free poured, security available, over serving to customers, employees drinking on duty, types of bracelets used to distinguish whether a person is over 21, parking lot conditions, etc. These observations are written in a report, and meetings are held with managers/owners or event planners.

It's All About Kids

In 2012, the It's All About Kids program presented to 23,189 participants, 7% more than last year.

It's All About Kids (IAK) and the Indian Health Care Resource Center worked together to build a community garden at McKinley Elementary School. The school's garden club/art club will be planting vegetables beginning in the spring of 2013 in 6-8'X4' beds.

During the school year, different grade levels will each have a bed and are able to choose what to plant. Foods grown in the beds during the year will be eaten by the students at McKinley. When school is not in session, the foods will be available to those in the community who are in need.

HEALTH PROMOTION & OUTREACH

Know Your Numbers:

Know Your Numbers screened 1,827 more individuals this year than in 2011.

“I was a recent participant in THD’s Know Your Numbers program. During my last visit, I was informed that the program may be in danger ending at the end of this month, as the funding may be expiring. Please feel free to forward my email to funding providers to show a prime result of this program. At the end of December, I went in for my first screening. The numbers were not good. My weight was almost 220 lbs (I am 5’7” in height). My triglycerides were at 414, my low density lipoproteins were off the chart high, and my blood pressure was 171/111. I did not feel particularly bad, although I knew I was overweight. Had this program not been available, I would have eventually and very likely fallen victim of “the silent killer” of high blood pressure. I live within the poverty income level and I have no health insurance. I decided to make some drastic changes within myself, in terms of physical health, and begin a journey. Within a week, I began walking 4 miles, 3-4 times a week. I made changes in the way that I ate and the things I was eating. I became a patient at Morton’s Health Clinic, and began taking medication for both high blood pressure and high triglycerides. At my last visit this past week, my current weight is 196 lbs. My triglycerides dropped to 109, my low density lipoproteins dropped to a readable 125, and my blood pressure was 104/73. I feel much better physically and expect to continue my journey towards better health. Although I will take credit for some of this drastic improvement in my numbers, I would have never even known of my potential health dangers had this program not existed. I am simply one story within this program that has changed my life, potentially saving it. Therefore, I implore those that provide financial backing to this essential life-saving program, to continue doing so. I am not simply writing to have this program simply continued for myself, but for countless others who are in similar financially-strapped situations, who are without insurance and without the means to have such screenings that might be cost-prohibitive. Please reconsider your decision to end this program, as an effort to have it continue, will save lives.”

Women, Infants and Children (WIC)

WIC had a 27% increase in the number of client visits over the previous year.

HEALTH PROMOTION & OUTREACH

	FY 2009 – 10	2010 – 11	2011 – 12
Child Guidance			
Number of clients served	1,748	2,316	4,163
Number of consultation hours to childcare centers	669	749	805
Number of community classes conducted	315	226	217
Cx Tobacco Control			
Number of Tulsa County tobacco users calls to Quitline	5,660	6,205	6,146
Companies that adopted tobacco free policies	*	1	8
Healthy Start			
Number of families served	429	415	479
It's All About Kids			
Number of students served through health education and CATCH Nutrition Education sessions	*	16,618	13,868
Number of of participants reached through community presentation for health education and oral health education	*	21,670	23,189
Number of home visits by nurse case manager and social worker	70	115	70
Know Your Numbers			
Community health screening events	8	27	115
Total number of individuals screened	296	769	2,596
Personal Responsibility Education Program			
Schools receiving technical assistance	*	*	13

HEALTH PROMOTION & OUTREACH

FY 2009 – 10 2010 – 11 2011 – 12

RPC & SPF-SIG

(Drug and Alcohol Abuse Prevention)

Alcohol Compliance Checks	*	*	121
Reward Reminder Visits	*	*	197
Responsible Beverage Sales and Service Training (RBSS)	*	*	4
Alcohol Risk Assessments	*	*	11

Social Work / Outreach

Number of clients provided health prevention education, referrals, assistance with SoonerCare applications and advocacy	1,516	1,897	1,995
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Tulsa Fetal Infant Mortality Review

Number of cases reviewed	70	90	120
Number of parent in-home interviews	12	49	39
Number of parent telephone interviews	12	36	29

Women, Infants and Children (WIC)

Number of food instruments issued	159,055	152,788	393,226
Number of client visits	46,175	40,185	50,906
WIC supplemental foods issued in dollars	\$6,908,418	\$5,601,836	\$7,624,336

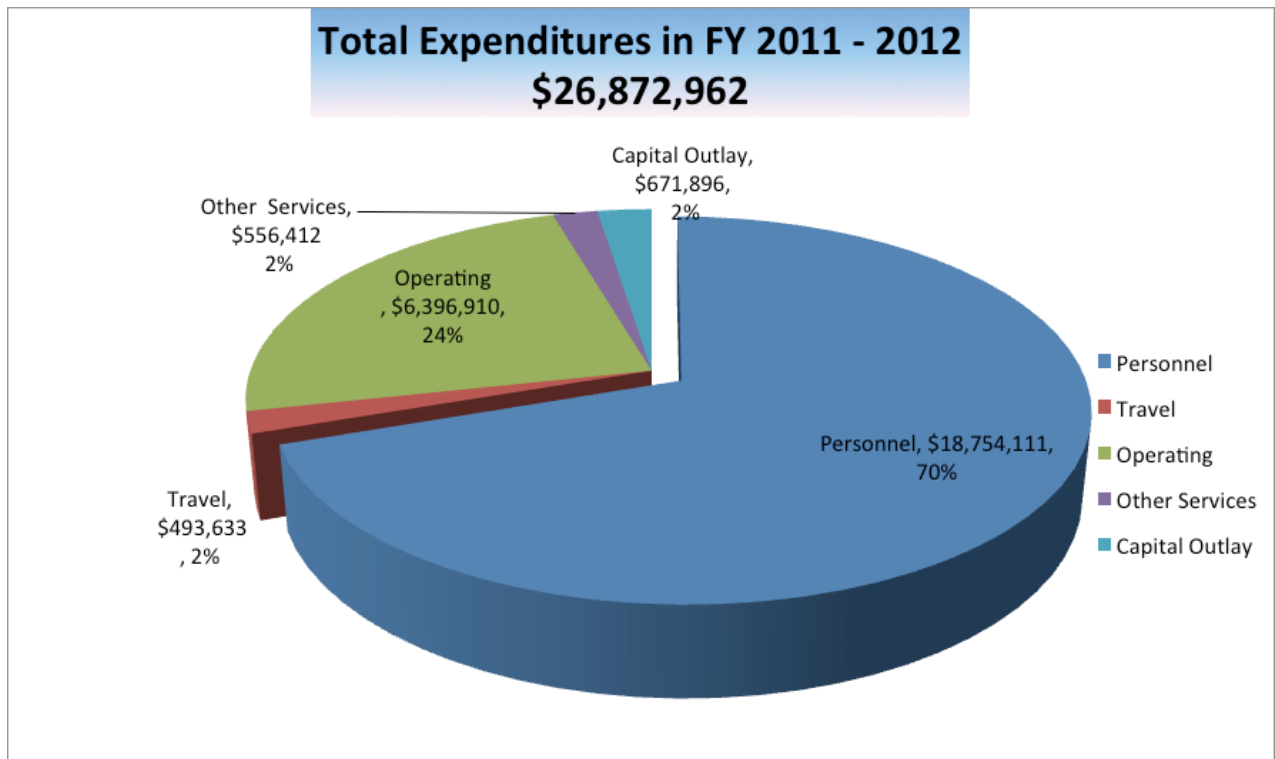
Working for Balance

Companies receiving technical assistance	*	*	103
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TOTAL EXPENDITURES

EXPENDITURES BY CATEGORY

Personnel	\$18,754,111	70%
Travel	\$493,633	2%
Operating	\$6,396,910	24%
Other Services	\$556,412	2%
Capital Outlay	\$671,896	2%
Debt Service	\$0	0%
TOTAL FY 2011 – 12	\$25,811,745	100%



TOTAL REVENUE

REVENUE BY SOURCE

Ad Valorem Taxes	\$12,685,496	45%
Intergovernmental	\$11,913,153	42%
Licenses & Permits	\$742,899	3%
Fees	\$1,836,229	7%
Contributions	\$531,942	2%
Other	\$271,435	1%
TOTAL REVENUE RECEIVED	\$27,981,154	100%
OTHER	\$666,148	
FUND BALANCE	\$8,616,950	

TOTAL **\$35,931,956**

