# WARREN COUNTY HEALTH DISTRICT

"Working to Build Healthy Communities Every Day"

# 2018 ANNUAL REPORT

twitter.com/WarrenCoHealth facebook.com/wcchd.ohio www.warrenchd.com



416 South East Street Lebanon, Ohio 45036

## INTRODUCTION

In 2018, the Warren County Health District (WCHD) faced new and old challenges as Warren County addressed a spike in Tuberculosis cases. There was the first ever suspected case of Acute Flaccid Myelitis. We saw a largest number of mosquitos test positive for West Nile virus in over 10 years. WCHD has worked closely with our partners in the county as we searched for new and more effective ways to decrease these trends and the impact on our community.

We investigated several possible food borne outbreaks although none were confirmed by the state lab. WCHD continued our partnership with Mental Health and Recovery Services by co-locating a primary care clinic at their facility on Kingsview Drive in Lebanon.

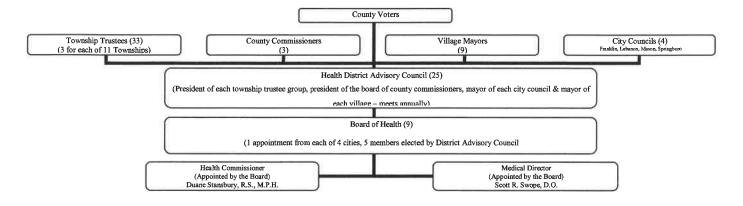
WCHD is continuing its progress towards becoming an accredited health department. In 2018 we began providing over 300 documents to the Public Health Accreditation Board (PHAB). We expect a review of those documents and a site visit from PHAB in 2019. Health departments that achieve accreditation through PHAB demonstrate great leadership by voluntarily undergoing a rigorous, multi-faceted, peer-reviewed assessment process with the goal of using the feedback obtained to improve the services they provide to their communities.

To learn more about how we are working to build healthy communities and our progress toward accreditation visit our website at <a href="https://www.warrenchd.com">www.warrenchd.com</a> to get up to date information regarding WCHD. We also have a Facebook page <a href="https://www.facebook.com/WCCHD.Ohio">https://www.facebook.com/WCCHD.Ohio</a> and twitter account <a href="https://twitter.com/WarrenCoHealth">https://twitter.com/WarrenCoHealth</a> that we are now using to get more public health information out to you. You can provide feedback directly to us through all of these forums.

Vision:

All Members of Our Community are Well and Living in a Healthy Community

# ORGANIZATIONAL CHART OF THE WARREN COUNTY HEALTH DISTRICT



# WARREN COUNTY BOARD OF HEALTH

The Board of Health is composed of nine members: four appointed by contracting cities with indefinite terms and five elected by the District Advisory Council to serve a four year term each.

#### 2018 Board of Health Members:

City Council Appoin	<u>itees</u>
Adam S. McClanahan	Franklin Appt.
George Long	Lebanon Appt.
J. Dick Staten, President.	Mason Appt.
Joan Hayes, RN.	Springboro Appt.
District Advisory Council	Appointees
James Sosnowski, M.D.	term expires 2019
Dominic Brigano	term expires 2020
Ed Porginski	term expires 2021
Stephen A. Barr, PhD, Vice President	term expires 2022
Terrie Zajo	

#### 2018 DISTRICT ADVISORY COUNCIL TRUSTEES

IRUSTEES	
Clearcreek Township	Ed Wade (Chairman)
Deerfield Township	Lelle Lutts Hedding
Franklin Township	Brian Morris
Hamilton Township	Joseph Rozzi
	Rick Howry
Massie Township	Darrell McKinney
	Ralph Blanton
Turtlecreek Township	James VanDeGrift (Secretary)
Washington Township	Scott Hagemeyer
Wayne Township	Brad Coffman
M	AYORS
Village of Butlerville	Beverly Altimari
Village of Carlisle	Randy Winkler
Village of Corwin	Dennis Oszakiewski
	Richard Verga
	William Shearer
	York Bryant
	Dale Groppenbacher
	James Smith
	David Stubbs
City of Franklin	Todd Hall
	Amy Brewer
City of Mason	Victor Kidd
	John Agenbroad
	tTom Grossmann
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# **CONTACT US**

Warren County Health District 416 S. East Street, Lebanon, OH 45036 Hours: 7:30 am – 4:00 pm TO REPORT A PUBLIC HEALTH EMERGENCY 24/7, CALL 513-695-1228 AND FOLLOW THE PROMPTS.

Phone Number: 513-695-1228

Please listen carefully to select the extension of the department you wish to contact.

Fax

(Environmental Health) 513-695-2941 (Nursing Division) 513-695-2402 Or Visit our Website at: www.warrenchd.com

You may also follow us on the following social media sites: www.facebook.com/wcchd.ohio https://twitter.com/WarrenCoHealth

#### EMERGENCY PREPAREDNESS AND RESPONSE

One of the primary roles of the Warren County Health District is to prepare for and respond to public health emergencies. We are continually preparing and modifying our emergency response plans in an effort to be capable of addressing the needs of the growing population in Warren County and to respond to emerging public health threats. Local and regional exercises test the capabilities of the emergency response plans. Training programs improve the emergency response abilities of the public health workforce. The Warren County Health District strives to have a plan that can respond to all public health emergencies ranging from Pandemic Flu to bioterrorism to power outages.

The Warren County Health District – in cooperation with the Ohio Department of Health – conducted a rewrite of the Emergency Response Plan, a rewrite of the Fatality Management Plan, and updates to many other plans and documents related to emergency preparedness. The development, update, and revision of plans ensures that the health district is prepared to respond to any emergency of public health significance.

The PHEP Program participated in the Operation Rowboat in February of 2018 and in Operation H.A.V. a Bad Day in October and November of 2018. The exercises tested our plans related to community recovery, emergency operations coordination, fatality management, information sharing, and epidemiological response. Through this exercise PHEP Program staff at WCHD were able to identify strengths and areas for improvement across our emergency response plans as a result of the exercises.

#### VITAL STATISTICS 2018

1033 deaths and 8 births were reported and filed as having occurred in Warren County in 2018 (compared to 1100 deaths and 16 births in 2017). Births and deaths are recorded in the county in which they occur, regardless of residence. A total of 4761 certified copies of death certificates, 3056 certified copies of birth certificates, along with 266 burial permits, and 101 affidavits for birth and death certificates. Also, 13 certificates of service and 71 supplementaries were recorded.

# **TOP 10 CAUSES OF DEATH IN WARREN COUNTY FOR 2018**

(As listed on death certificate)

At the time of print, 4 deaths were still pending a cause of death.

For a complete and up to date list of the cause of death for all 2018 deaths that occurred in Warren County, please visit the vital statistics link on our website @ www.warrenchd.com

#### PLUMBING INSPECTION SERVICE

The Plumbing Division of the Warren County Health District is responsible for ensuring proper installation of plumbing throughout all of Warren County in accordance with Chapter 4101:2-56-69 of the Ohio Administrative Code, also known as the Ohio Plumbing Code, and local regulations. The inspectors conduct inspections for bathroom and kitchen remodeling (when fixtures are added or moved), water heater replacement, water softeners, new single and multi-family residential, and all commercial plumbing installations. They also review plumbing plans for compliance with the Ohio Plumbing Code, and if approved, issue permits. This department also performs inspections of water line installations from the meter pit into the house or building within the City of Mason.

In 2018, 368 plumbing contractors registered with WCHD along with 301 installers to do plumbing work in the county. Also during 2018, 2,554 permits were issued and 7,050 inspections were conducted. Over 3,700 consultations took place to assist contractors and homeowners with plumbing code issues.

The Plumbing Division also administers an isolation water backflow prevention program. This involves making sure building owners have their required backflow prevention device tested annually (as required by the Ohio Plumbing Code) to assure it is working properly to protect the drinking water within a structure.

#### **HEALTH EDUCATION**

Health education activities are an essential part of the Warren County Health District's mission to improve the health of the residents of Warren County. The health education program keeps the community informed of important health issues and implements services/programs to improve the health, safety and wellness of citizens in Warren County. WCHD continued the *Cribs for Kids* program, which provides eligible families in need, a free pack-n-play and educational information to help reduce the number of infant sleep related deaths.

Educational presentations, collaboration with local health and safety coalitions/agencies, public health accreditation efforts, patient education, information sharing via social media sites, newsletters, and attendance at health fairs were also continued throughout 2018 as part of the health education and promotion program.

#### COMMUNICABLE DISEASE REPORTING

Communicable disease surveillance and investigation is a vital part of protecting the health and well-being of the citizens of Warren County. These surveillance and investigation activities are largely dependent on prompt disease reporting from many reporting sources. As required by law Healthcare providers (physicians, hospitals, infection preventionists), laboratorians that examine specimens of human origin, any individual having knowledge of a case or suspect case must report certain communicable diseases to the health district. Communicable disease reports received by the Warren County Health District are investigated and documented according to state guidelines. All reports received are kept confidential according to HIPAA requirements. Suspected, Probable and Confirmed cases are included in the table below.

# **Communicable Diseases Reported**

Anaplasmosis-Anaplasma Phagocytophilum1	Listeriosis
Botulism – infant	Lyme Disease1
Brucellosis1	Malaria
Campylobacteriosis	Meningitis – aseptic/viral1
Coccidioidomycosis	Meningitis – bacterial (Not N.meningitidis)
CP-CRE1	Pertussis1
Cryptosporidiosis8	Salmonellosis1
E coli, Shiga Toxin-Producing (0157:H7, Not 0157,	Shigellosis
Unknown Serotype)3	Streptococcal Group A – invasive
Ehrlichiosis-Ehrlichia chaffeensils	Streptococcal Pneumoniae – invasive antibiotic resistance
Giardiasis7	unknown or non-resistant
Haemophilus Influenzae (invasive disease)5	Streptococcus Pneumoniae – invasive antibiotic
Hepatitis A33	resistant/intermediate
Hepatitis B (including delta) – acute4	Tuberculosis
Hepatitis B (including delta) – chronic	Typhoid fever
Hepatitis C – acute3	Varicella1
Hepatitis C – chronic242	Vibriosis (not cholera)
Influenza-associated hospitalization255	West Nile virus disease (also current infrection)
Legionellosis – Legionnaires' Disease9	Yersiniosis

Please refer to Ohio Department of Health Website for Continually Updated Numbers Including HIV, Chlamydia, Gonococcal Infection and Syphilis

www.odh.ohio.gov

## WIC PROGRAM

WIC – The Special Supplemental Nutrition Program for Women, Infants and Children is intended to reach income-eligible pregnant, postpartum and breastfeeding women, infants and children up to five years of age with a health or nutrition risk. WIC services are set up to address WIC's most important goal: prevention of nutrition-related health problems. WIC provides: 1) Nutrition education and supplemental foods supplying key nutrients; 2) Health screenings and assessments; 3) Breastfeeding education and support; and 4) Referral to prenatal and pediatric health care and other maternal and child health care and human service programs. All of these services help to improve overall health during the most critical growth and developmental years in a child's life – conception to age five. By preventing health problems early in life, WIC helps save health care dollars later.

The WIC program celebrated its 44th birthday on January 15<sup>th</sup>, 2018. In 2018, the Warren County WIC Program maintained an average of 1,171 clients per month. Warren County has been on the retail system for nineteen years now with 17 vendors. Local WIC projects continue to issue the newer food packages that began in October 2009. The newer food packages added fruits, vegetables, whole grains and lower fat milk for adults and children two years of age and older. The current WIC food packages for women and children consist of milk, juice, cereal, peanut butter, dried or canned beans, whole grains, fruits and vegetables. And, the WIC food packages for applicable infants consist of infant formula, infant cereal and baby food fruits and vegetables. WIC participants continue to use a WIC Electronic Benefits Transfer (EBT) nutrition card. The WIC EBT nutrition card is loaded with their food packages and is able to be scanned at any Ohio WIC vendor. In addition, our Breastfeeding Peer Helper Program (initiated in October 2010) continues to offer breastfeeding support and education. To help the program, reach more people in the community, we continue to utilize our WIC breastfeeding Facebook page that we started in 2016 --

https://www.facebook.com/WICpeerhelper.

# **ENVIRONMENTAL HEALTH**

The Environmental Health Division works to prevent disease, protect the health of the community, and protect the environment through the enforcement of local and state rules and regulations, along with providing consultations regarding environmental health programs and activities. Our public health sanitarians conduct routine inspections of licensed establishments, investigate public health nuisance complaints, and provide education on environmental issues affecting Warren County. The enclosed inspections and consultations help illustrate the many activities conducted by the staff in 2018.

The Environmental Health Division continues to utilize the environmental health inspection and licensing software EH DSI (also known as HealthSpace) that was provided to local health districts by the Ohio Department of Health. This program allows for the electronic documentation of environmental health inspection reports on the HealthSpace servers as well as immediate accessibility of inspection reports online at <a href="https://www.warrenchd.com">www.warrenchd.com</a>. Currently, HealthSpace modules have been developed for the food safety, public swimming pools/spas, body art, the rabies control program and recreational campgrounds.

The health district's vector control program was bolstered throughout 2018 after receiving supplemental funding through the Ohio Environmental Protection Agency's Mosquito Control Grant. The emergence of the Zika virus and other mosquito-borne diseases has prompted the health district to intensify its mosquito trapping and testing efforts. During the 2018 trapping season the health district submitted 15,528 mosquitoes for testing by the Ohio Department of Health. Of the pools tested, 94 contained mosquitoes that were infected with the West Nile virus. Overall, there were 575,476 mosquitoes submitted for testing across the state with 3,281 sample pools testing positive for West Nile virus. This funding enabled the health district to sponsor three tire recycling events in Wayne Township, Salem Township, and Harlan Township. These three events resulted in over 5,000 tires being collected and recycled across Warren County. Scrap tires serve as a common breeding site for mosquitoes due to their ability to retain water and shelter the insects from the elements, and, as such, were a target for health district mosquito control activities. The health district will be holding another tire recycling event on March 2, 2019 in Lebanon.

The health district continues to sponsor educational days to provide sewage treatment system contractors with continuing education. The December educational day provided continuing education for over 100 sanitarians and professionals working as household sewage treatment system contractors to provide both groups with education related to emerging public health topics.

For information concerning any of the environmental health programs such as copies of regulations, forms utilized in the various programs or fact sheets visit our website at <a href="https://www.warrenchd.com">www.warrenchd.com</a>.

# 2018 ENVIRONMENTAL HEALTH ACTIVITIES (December 2017 – November 2018)

Program	Total
Food Safety (Calendar Year 2018)	
Food Safety Program Insp/Consults	2657
Food Facility Licenses Issued	909
Mobile Food Operation Licenses	75
Temporary Food Service Operation Licenses Issued	314
Vending Location Licenses Issued	67
Nuisance Complaints	
Housing Inspections/Consultations	390/26
Bed Bug Complaint Investigations	12
Total Nuisance Complaints Received	257
<b>Private Sewage Treatment Systems and Water System</b>	
Sewage Treatment System Permits Issued	152
Sewage Treatment System OM Permits Issued*	
Private Water System Permits Issued	
Water Hauler Permits	12
Private Water Systems Inspections/Consultations	42
Water Samples Collected and Analyzed	

Program	Total
Recreational	
Camp Licenses Issued	25
Campground Inspections	13
Resident/Day Camps Inspections	13
Public Swimming Pool and Spa Licenses Issued	275
Public Swimming Pool and Spa Inspections	1441
Rabies	
Animal Bites	370
Animal Bite Inspections	375
Rabies Specimens submitted/positive	
Other Programs	
School Inspections/Consultations	39
Manufactured Home Park Inspections	
Smoke-Free Workplace Compliance Investigations	17
Tattoo/Body Piercing Establishment Licenses Issued	14
Tattoo/Body Piercing Establishment Insp/Consults	16

**NOTE:** Consultations reflect instances that occurred on site. \*OM represents inspections conducted as part of the operation and maintenance program

#### **CLINICAL SERVICES**

Warren County Health District's clinical services continue to change and expand along with the growing changes in our community. In addition to the below clinics/programs, the Warren County Health District offers nutritional counseling, breast feeding consultations, social services, and blood pressure checks to all clinic clients and residents of Warren County. Free weight management classes for all ages are held Monday's, 4:00-6:00 pm. The health district also provides Spanish interpretation services for clients, if necessary, as well as the use of a language service for most languages. Also available one day a week is an Insurance Navigator for education and assistance with applying for Marketplace Insurance, as well as Medicaid.

The **Prenatal Clinic** offers total obstetrical care for clients with delivery at Bethesda North Hospital of TriHealth. The staff consists of OB/GYN physicians (from Bethesda North), registered nurses, a licensed dietitian, case worker, and a secretary. Early and consistent prenatal care is encouraged to help ensure the health and wellbeing of both mother and baby. The prenatal staff screens each client for specific social and economic concerns, as well as counseling on daily health, nutrition and smoking. A lactation consultant is available to assist clients with breastfeeding education. Caseworkers assist clients in applying for Medicaid, health education, behavioral health screen and referral.

The **Child Health Clinic** provides comprehensive routine exams, school and work physicals and acute care for children from birth through twenty years of age. These exams include screenings and lab work, if necessary. The staff consists of a physician, a nurse-practitioner, registered nurses, a secretary, a caseworker, and licensed dietitian. Because early identification of problems can decrease the likelihood of life long disabilities, referrals to other agencies, such as Help Me Grow, BCMH, etc., are made, if necessary. Also, caseworkers assist clients applying for Medicaid.

The Adult Care Clinic provides basic physician services and work physicals for clients from 21 years of age and older who reside in Warren County. This clinic was developed to provide health care and referral services to uninsured clients or clients with Medicaid. The staff consists of a physician, registered nurses, a secretary, case worker, and a licensed dietitian. The case worker helps clients apply for free medications through the patient assistance program of the pharmaceutical companies, and assist client in applying for Medicaid. We have expanded our adult health clinic to include patients of Solutions, whom are seen one day a week at the Solutions location on Kingsview Drive, Lebanon.

The **Prevent Blindness Clinic** provides free vision exams at local Optometrists for low income residents. The exams are provided through state funding. The **Overseas Travel Clinic** provides immunizations and education necessary to travel safely to/from other countries.

The Reproductive Health & Wellness Clinic provides complete gynecologic physical exams for both clients desiring contraception and women's health needs. This clinic provides reliable methods of contraception to enable women to plan their pregnancies and also provides pregnancy testing. Reproductive Health services are also provided to males in this clinic. The staff consists of a physician, registered nurses, a secretary, a caseworker, and a licensed dietitian. The clinic coordinator has implemented preconception education and counseling programs for prepubescent and pubescent children for many schools and other public organizations. This clinic is a provider for the Ohio Department of Health Breast and Cervical Cancer Screening Project (BCCP). Also available in this clinic is Sexually Transmitted Disease services. STD testing and treatment is offered to both men and women and is confidential. The health department also offers HIV/AIDS testing and education through this clinic. Caseworkers assist clients in applying for Medicaid.

The main goal of the **TB** Chest Clinic is to eradicate tuberculosis in Warren County through early diagnosis and treatment. Mantoux skin testing and chest x-rays, when required, are available at a minimal charge to Warren County residents. Treatment for tuberculosis and preventive therapy (INH) are also offered by the Warren County Health District. In the event of an active case of TB in Warren County, WCHD staff provides Direct Observed Therapy (DOT).

The **CMH** (Children with Medical Handicaps) program of WCHD provides case management and service coordination for Warren County families with children under the age of 21 years who have or potentially have special health care needs. The health department has one CMH nurse.

The "Cribs for Kids" program provides a free crib to parents or guardians who are in need for a crib and qualify for this program.

The "Car Seat" program provides a car seat to clients who do not have a car seat and are in need of one. The client must watch an informational video to get a free car seat.

# Clinic/Service # Visits Prenatal Clinic 636 TB Clinic .......530 HIV/AIDS Clinic ......86 **Screening Tests** # Performed TB Chest X-rays.......40 HIV Testing......86

# HOME HEALTH NURSING/AIDE CARE

The Warren County Health District's home health staff is dedicated to serving homebound clients in Warren County. This staff consists of a home health aide (HHA) and an R.N. that makes HHA supervisory visits to the client's home. The purpose of this care is to enable the patient to remain in the home while enjoying the highest possible level of health.

The home health aide component of the Home Health Program continues to provide personal care assistance for the homebound client. This service is beneficial to the residents because it allows the client to remain in their own home and maintain independent living versus moving from their home and staying in dependent living quarters.

Home bound residents are also provided yearly seasonal flu vaccinations, in their home, by health department nurses.

Home Visit Program	# Visits
Public & Home Health Nurse	150
Home Health Aide	841
BCMH (Bureau for Children with Medical Handicap	s)34
TB Direct Observe Therapy Visits	698

#### IMMUNIZATION PROGRAM

The immunization program continues to be an important focus of the Warren County Health District. Timely immunization of our children can help lead to the decline of communicable illnesses such as measles, mumps, rubella, diphtheria, polio, tetanus, pertussis, haemophilus influenza, hepatitis B, hepatitis A, meningitis, rotavirus, etc. Every year the health department experiences many changes that occur within the immunization schedules. New immunizations and new combinations of immunizations are added, while other immunizations are deleted. To meet the immunization needs of the county, we offer appointments for childhood and adult immunizations throughout the week, Monday through Friday.

In addition to the many flu vaccination clinics provided at the Warren County Health District, the nursing staff traveled to various Warren County businesses to provide flu vaccinations to as many residents as possible. This year, the health department began giving the flu vaccinations in September.

The Overseas Travel Immunization Program was added in 1999. This program has grown tremendously and continues to provide immunizations to Warren County residents who are traveling out of the United States. This service is also available to people who are not residents of Warren County, at an added cost.

Warren County Health District also offers public health vaccines such as hepatitis A/B, pre-exposure and post rabies, pneumococcal, meningococcal, varicella, and shingles vaccinations to adults.

Immunizations	No. Given	Flu Vaccine
Immunizations	5649	Immunizations for Overseas Travel

## **2018 FINANCES**

FUNDS AVAILABLE Amount	Percent of	EXPENSES AND ENDING FUND BALANCES Amount	Percent of
Available	Total Funds	Expended	Total Funds
Funds Balances, December 31, 2017			
		Salaries\$3,280,208.02	23.59%
General Health Fund\$6,343,763.55	45.62%	Fringe Benefits	11.17%
Food Service Fund242,025.01	1.74%	Supplies 184,973.23	1.33%
Grants Fund872,130.31	6.27%	Contracts & Repairs – Equipment0.00	0.00%
Camp Grounds1272.19	0.01%	Equipment83,706.61	0.60%
Water System Fund9,526.58	0.07%	Utilities/Rent325,188.77	2.34%
Swimming Pool Fund131,806.25	0.94%	Travel/Training11,468.86	0.08%
Sewage65,341.23	0.47%	Miscellaneous Expenses281,755.89	2.03%
· ·		Advertising & Printing0.00	0.00%
Total Funds Balances		Lab & X-ray Service0.00	0.00%
Dec. 31, 20177,665,865.12	55.12%	Fees Paid to State of OH/Grant Refunds0.00	0.00%
		Auto, General, Liability Insurance22,668.00	0.16%
		County Auditor/Treasurer Fees	0.00%
		Contractual Services/Software	0.00%
TOTAL DEPOSITS		Total Expenses\$5,743,124.54	41.30%
Permits, Landfill, Water System \$1,359,652.70	9.78%	FUNDS BALANCES December 31, 2018	
Vital Statistics173,482.00	1.25%		
Fees – Environmental Service93,177.30	0.67%	General Health Fund7,681,955.30	55.24%
Fees – Nursing Service365,177.32	2.63%	Food Service Fund225,973.00	1.62%
Ohio State Subsidy57,973.52	0.42%	Grants Fund	1.01%
Warren County Health Tax Levy 2,634,517.81	18.94%	Manufactured Home Park Fund0.00	0.00%
Intergovernmental330,822.18	2.38%	Camp Ground Fund	0.01%
Twp, Village & Cities Distribution200,000.00	1.44%	Water System Fund7,708.53	0.06%
Miscellaneous Income98,701.77	0.71%	Swimming Pool Fund	0.38%
Grant Awards – Federal and State758,877.94	5.45%	Sewage 53,211.98	0.38%
MAC168,386.63	1.21%		
City Readiness & Medical Reserve Corp0.00	0.00%	Total Funds Balances	50.700/
		December 31, 2017\$8,163,329.75	58.70%
Total Revenue Deposited\$6,240,589.17	44.88%	TOTAL EXPENSES AND	
		ENDING BALANCES\$13,906,454.29	100.00%
TOTAL FUND AVAILABLE \$13,906,454.29	100.00%		

WARREN COUNTY COMBINED HEALTH DISTRICT IS AN EQUAL OPPORTUNITY PROVIDER OF SERVICES AND EMPLOYMENT AS REQUIRED BY THE CIVIL RIGHTS ACT OF 1964