

Green County Local Board of Health Meeting

Thursday , February 27, 2020

AGENDA

Call to order by Chairman

Minutes of the last meeting

OLD BUSINESS

Amend budget

NEW BUSINESS

Set tax rate

Approve budget

Board members that term expire 12/2020 .

Election of Officers

Local members to serve on the district board

Comments from the Director

Health Educator

Diabetes update

Ron Shumard (Census Center) ➔

Meeting

Adjourned

LCDHD County Health Departments

Adair • Casey • Clinton • Cumberland • Green • McCreary • Pulaski • Russell • Taylor • Wayne

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Give the Communications Assistant our phone number to contact us.





Lake Cumberland District Health Department

A Healthy Today for a Brighter Tomorrow

Lake Cumberland District Health Department

GREEN COUNTY HEALTH CENTER

220 Industrial Park, Greensburg, Kentucky 42743 - Phone 270-932-4341 - Fax 270-932-6016
Hard of Hearing, Speech Impaired, or Deaf users, call the Kentucky Relay Service at (800) 648-6056.

Or contact us on the web at www.lcdhd.org

Green County Board of Health Meeting February 21, 2019

Board Members Present:

John Frank
Garth Bobrowski
Mary Despain
Paul Patterson
Shane DeSimone
Glenda Bagby
Mark Risen
Pam Bills
Devi Bradshaw
Teresa Collison

Others Present:

Kaylene Bush
Stella Durrett
Jackie Hodges
Ron Cimala
Shawn Crabtree
Tracy Aaron

Board Members Absent:

Mike Shuffett
Charlie Allen

On Thursday, February 21, 2019 the Green County Board of Health met for their regular scheduled meeting at the Green County Health Department.

Garth Bobrowski, chairman, called the meeting to order. After reviewing minutes from the previous meeting, Mary Despain made a motion to approve as read. There was a second by Paul Patterson, all in favor, motion carried.

In old business, Shawn Crabtree, Executive Director of Lake Cumberland District Health Department, gave a summary of where we stand with this year's budget.

New Business:

Mr. Crabtree presented the budget which included installing safety features in the front office and an automatic generator. After much discussion, Teresa Collison made a motion to leave the tax rate at .034 per \$100 of property. Shane DeSimone made a second and motion carried.

Devi Bradshaw made a motion to approve the budget, Paul Patterson seconded with all in favor. Motion carried.

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Lake Cumberland District Health Department

A Healthy Today for a Brighter Tomorrow

The board members that their terms are expiring 12/2019 all agreed to extend their term. They were: Garth Bobrowski, Dentist; Shane DeSimone, Physician; Mark Risen, Physician; Pam Bills, Physician and Teresa Collison, Pharmacist.

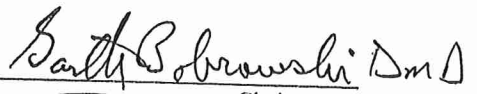
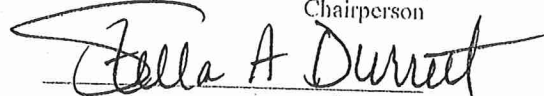
The current officers are: Garth Bobrowski, Chairman; Paul Patterson, Vice-Chairman; Mary Despain, Treasurer and Stella Durrett, Secretary. Glenda Bagby made a motion to leave as is and Devi Bradshaw seconded.. All in favor, motion carried.

The local representatives on the district board always include the County Judge (John Frank) and one other local board appointed member. Pam Bills graciously agreed to remain on the district board. Devi Bradshaw made a motion for Pam to remain on the district board, seconded by Teresa Collison. All in favor, motion carried.

Mr. Crabtree addressed the State pension crisis and how it might affect the organization. There was much discussion. He also addressed the Hepatitis A outbreak in our area.

Jackie Hodges, Health Educator presented Community Health Assessment findings and an update to the Community Health Improvement Plan.

Mary Despain made a motion to adjourn Pam Bills seconded, all in favor, motion carried.


Chairperson

Secretary

County Health Centers

Albany * Burkesville * Campbellsville * Columbia * Greensburg * Jamestown * Liberty * Monticello * Somerset * Whitley City

Green County Public Health Taxing District Budget						
Fiscal Year 2019-20						
Amended Budget For Period Beginning July 1, 2019 and Ending June 30, 2020						
				Approved Budget @ Current Rate of \$0.034 per \$100 of Assessed Property Value	Approved Amended Budget	Change
		Operating Fund	Capital Fund			
Estimated opening Balance		\$179,610.60	\$33,777.90	\$213,388.50	\$213,388.50	\$0.00
Budgeted Receipts (All Sources): See Footnote						
Real Property Taxes		\$117,173.22		\$117,173.22	\$117,173.22	\$0.00
Personal Property Taxes		\$15,760.06		\$15,760.06	\$15,760.06	\$0.00
Motor Vehicle Taxes		\$22,031.57		\$22,031.57	\$22,031.57	\$0.00
Delinquent Tax Collections		\$4,485.64		\$4,485.64	\$4,485.64	\$0.00
Other Taxes (Telecommunication)		\$1,513.00		\$1,513.00	\$1,513.00	\$0.00
Interest Income		\$554.22	\$770.14	\$1,324.35	\$1,324.35	\$0.00
	<i>Total Budgeted Receipts</i>	\$161,517.71	\$770.14	\$162,287.85	\$162,287.85	\$0.00
Total Funds Available		\$341,128.31	\$34,548.03	\$375,676.35	\$375,676.35	\$0.00
Budgeted Expenditures:						
Health Center Operations to LCDHD at 2.8 cents		\$134,335.00		\$134,335.00	\$134,335.00	\$0.00
Building Maintenance & Repair						
<i>Landscape Maintenance (Fall & Spring)</i>	\$500.00					
<i>Miscellaneous</i>	\$5,000.00					
	<i>Total Building Maintenance & Repair</i>	\$5,500.00		\$5,500.00	\$5,500.00	\$0.00
Furniture & Fixtures						
<i>Miscellaneous</i>	\$4,500.00					
	<i>Total Furniture & Fixtures</i>	\$4,500.00		\$4,500.00	\$4,500.00	\$0.00
Equipment						
<i>Miscellaneous Computers and Related Equipment</i>	\$7,200.00					
<i>Miscellaneous</i>	\$2,500.00					
	<i>Total Equipment</i>	\$9,700.00		\$9,700.00	\$9,700.00	\$0.00
Professional Services (Next Audit of Taxing District Funds due FY 2020)		\$0.00		\$0.00	\$0.00	\$0.00
Advertisement & Printing (Newspaper & SPGE Publication)		\$300.00		\$300.00	\$300.00	\$0.00
Dues and Subscriptions (KALBOH & KPHA)		\$1,000.00		\$1,000.00	\$1,000.00	\$0.00
Miscellaneous (Board Members Meetings)		\$500.00		\$500.00	\$500.00	\$0.00
	<i>Total Budgeted Expenditures</i>	\$155,835.00	\$0.00	\$155,835.00	\$155,835.00	\$0.00
Balance Remaining		\$185,293.31	\$34,548.03	\$219,841.35	\$219,841.35	\$0.00
	Net Surplus/Deficit Before Optional Expenditures			\$6,452.85	\$6,452.85	\$0.00
Optional - Expenses for Local Mini Grant:						
Grant Opportunity - Farmers Market on Green River				\$4,000.00	\$4,000.00	\$0.00
Optional - Expenses for Automatic Generator:						
Automatic Generator				\$16,000.00	\$16,000.00	\$0.00
Optional - Expenses for Desk Areas, Revamp Front Office, and Installation of Security Glass and Protection Metal:						
Redo Desk Areas, Revamp Front Office, and Installation of Security Glass and Protection Metal				\$16,000.00	\$32,000.00	\$16,000.00
<i>Total Budgeted Expenditures Including Optional Expenditures</i>				\$191,835.00	\$207,835.00	\$16,000.00
Balance Remaining Including Optional Expenses				\$183,841.35	\$167,841.35	(\$16,000.00)
	Net Surplus/Deficit Including Optional Expenses			(\$29,547.15)	(\$45,547.15)	(\$16,000.00)
Footnote: All tax receipts are budgeted at a 95% collection rate on the tax calculated per \$100 of assessed value. Interest is calculated at the current effective rate which is .30% for checking and 2.28% for the CD.						

**Green County Public Health Taxing District Budget
Fiscal Year 2019-20**

Certificate of Deposit (CD) - Matures 1/16/20 - Rates Quoted 02.2019

	14 months	22 months				
Fort Knox Credit Union, Campbellville (current CD)	2.55%	2.70%				
Monticello Bank, Liberty	12 months \$5,000 or more 0.45%	30 months \$5,000 or more 0.60%	60 months \$5,000 or more 1.05%	12 months \$100,000 or more 2.50%		
Community Trust, Greensburg	12-23 months \$0 to \$49,999 1.50%	24-35 months \$0 to \$49,999 2.00%	60+ months \$0 to \$49,999 2.80%			
Forcht Bank, Greensburg	15 months \$1,000 2.26%	48 months \$1,000 2.52%	60 months \$1,000 2.77%			
Limestone Bank, Greensburg	14 months \$500 2.22%	18 months \$500 2.02%	60 months \$500 2.53%			
United Cumberland Bank, Columbia	18 months \$100,000 or more 2.50%	24 months \$100,000 or more 1.50%	60 months \$100,000 or more 2.50%			

**Green County Public Health Taxing District Budget
Fiscal Year 2020-21**

Opening Balance Calculation					
	Operating Fund	Capital Fund	Total		
Balance as of December 31, 2019	\$227,337.35	\$34,165.05	\$261,502.40	\$261,502.40	
Projected Remaining 2019-20 Receipts					
Projected Tax Receipts	\$61,583.71	\$0.00	\$61,583.71		
Projected Interest Earned	\$341.01	\$228.91	\$569.91		
Projected Other Receipts	\$0.00	\$0.00	\$0.00		
Total Estimated Remaining 2020 Receipts	\$61,924.72	\$228.91	\$62,153.62	\$62,153.62	
Total Funds Available	\$289,262.07	\$34,393.96	\$323,656.02	\$323,656.02	
Projected Remaining 2019-20 Expenditures					
LCDHD Operations Expense - 1/2 Tax Assessment at 2.8 cents	\$67,167.50	\$0.00	\$67,167.50		
Advertising & Printing	\$254.52	\$0.00	\$254.52		
Professional Services (Audit)	\$0.00	\$0.00	\$0.00		
Maintenance & Repair	\$4,957.96	\$0.00	\$4,957.96		
Dues & Subscriptions (KPHA & KALBOH)	\$500.00	\$0.00	\$500.00		
Grant Opportunities	\$922.00	\$0.00	\$922.00		
Board Expense & Other Miscellaneous	\$500.00	\$0.00	\$500.00		
Furniture & Fixtures	\$3,900.04	\$0.00	\$3,900.04		
Front Office Makeover with Bulletproof Glass	\$32,000.00	\$0.00	\$32,000.00		
Automatic Generator	\$16,000.00	\$0.00	\$16,000.00		
Equipment	\$9,551.00	\$0.00	\$9,551.00		
Total Estimated Remaining 2020 Expenditures	\$135,753.02	\$0.00	\$135,753.02	\$135,753.02	
Estimated 2020-21 Opening Balance	\$153,509.05	\$34,393.96	\$187,903.00	\$187,903.00	
Proposed Budgets For Period Beginning July 1, 2020 and Ending June 30, 2021					
	Operating Fund	Capital Fund	Approved Budget @ Current Rate of \$0.034 per \$100 of Assessed Property Value	Proposed Break Even Budget @ \$0.035 per \$100 of Assessed Property Value	Proposed Surplus Budget @ \$0.036 per \$100 of Assessed Property Value
Estimated opening Balance	\$153,509.05	\$34,393.96	\$187,903.00	\$187,903.00	\$187,903.00
Budgeted Receipts (All Sources): See Footnote					
Real Property Taxes	\$120,848.69		\$120,848.69	\$124,403.06	\$127,957.44
Personal Property Taxes	\$16,154.65		\$16,154.65	\$16,629.78	\$17,104.92
Motor Vehicle Taxes	\$22,414.60		\$22,414.60	\$23,073.86	\$23,733.11
Delinquent Tax Collections	\$3,000.00		\$3,000.00	\$3,000.00	\$3,000.00
Other Taxes (Telecommunication)	\$1,531.01		\$1,531.01	\$1,531.01	\$1,531.01
Interest Income	\$457.69	\$460.88	\$918.57	\$932.63	\$946.70
Total Budgeted Receipts	\$164,406.64	\$460.88	\$164,867.52	\$169,570.34	\$174,273.17
Total Funds Available	\$317,915.68	\$34,854.83	\$352,770.52	\$357,473.35	\$362,176.18
Budgeted Expenditures:					
Health Center Operations to LCDHD at 2.8 cents	\$138,195.00		\$138,195.00	\$138,195.00	\$138,195.00
Building Maintenance & Repair					
Landscape Maintenance (Fall & Spring)	\$500.00				
Resealing, Fill Cracks, and Striping Parking Lot	\$2,400.00				
Miscellaneous	\$5,000.00				
Total Building Maintenance & Repair	\$7,900.00		\$7,900.00	\$7,900.00	\$7,900.00
Furniture & Fixtures					
Miscellaneous	\$4,500.00				
Total Furniture & Fixtures	\$4,500.00		\$4,500.00	\$4,500.00	\$4,500.00
Equipment					
Miscellaneous Computers and Related Equipment	\$7,200.00				
Automatic Generator Maintenance	\$1,400.00				
Miscellaneous	\$2,500.00				
Total Equipment	\$11,100.00		\$11,100.00	\$11,100.00	\$11,100.00
Professional Services (Next Audit of Taxing District Funds due FY 2020)	\$1,400.00		\$1,400.00	\$1,400.00	\$1,400.00
Advertisement & Printing (Newspaper & SPGE Publication)	\$300.00		\$300.00	\$300.00	\$300.00
Dues and Subscriptions (KALBOH & KPHA)	\$1,000.00		\$1,000.00	\$1,000.00	\$1,000.00
Miscellaneous (Board Members Meetings)	\$500.00		\$500.00	\$500.00	\$500.00
Total Budgeted Expenditures	\$164,895.00	\$0.00	\$164,895.00	\$164,895.00	\$164,895.00
Balance Remaining	\$153,020.68	\$34,854.83	\$187,875.52	\$192,578.35	\$197,281.18
Net Surplus/Deficit Before Optional Expenditures			(\$27.48)	\$4,675.34	\$9,378.17
Optional - Expenses for Local Mini Grant:					
Grant Opportunity - Farmers Market on Green River			\$4,000.00	\$4,000.00	\$4,000.00
Total Budgeted Expenditures Including Optional Expenditures			\$168,895.00	\$168,895.00	\$168,895.00
Balance Remaining Including Optional Expenses			\$183,875.52	\$188,578.35	\$193,281.18
Net Surplus/Deficit Including Optional Expenses			(\$4,027.48)	\$675.34	\$5,378.17
Footnote: All tax receipts are budgeted at a 95% collection rate on the tax calculated per \$100 of assessed value. Interest is calculated at the current effective rate which is .30% for checking and 1.34% for the CD.					

**Green County Public Health Taxing District Budget
Fiscal Year 2020-21**

Certificate of Deposit (CD) - Matures 1/16/22 - Rates Quoted 02.2020

	26 months	14 months			
Fort Knox Credit Union, Campbellsville (current CD)	2.40%	2.05%			
Monticello Bank, Liberty	20 months \$5,000 or more 2.00%				
Community Trust, Greensburg	6-11 months \$0 to \$49,999 0.85%	12-23 months \$0 to \$49,999 1.25%	24-35 months \$0 to \$49,999 1.75%		
Forcht Bank, Greensburg	11 months \$1,000 1.65%	5 months \$1,000 1.25%	48 months \$1,000 2.00%		
Limestone Bank, Greensburg	8 months \$500 1.68%	60 months \$500 1.13%			
United Cumberland Bank, Columbia	12 months \$100,000 or more 0.90%	24 months \$100,000 or more 1.60%	60 months \$100,000 or more 1.80%		

Share Certificate Status

Member: GREEN COUNTY PUBLIC Account: 10801872 Note: 195540

Balance: 34,388.55	Type: 24MQ
Term: 24M	Minimum balance: 500.00
Deposit increment: 0.01	Original note date: 16MAR18
Purchase date: 16JAN20	Maturity date: 16JAN22
HSA / IRA certificate:	Maturity transfer suffix:
Min balance for divs: 500.00	Dividend method: DB
Dividend type: FIX	Dividend rate: 1.340
Dividend posting option: A	Posting frequency: Q
Compounding frequency: Q	Auto renew: Y
Type code for renewal: 24MQ	Penalty days: 90
Days in year: 365	Dividends life: 1,407.80
Dividends YTD: 228.50	Penalty YTD: 0.00
Previous YTD dividends: 767.88	Previous YTD penalty: 0.00
Funds pledged: 0.00	

Joint Owner:
 DIRECT DEPOSIT:
 RATE RISER DATE:
 SPECIAL NOTES:
 IRA RATE RISER DATE:

Restriction message:
 Misc data:

Dividend accrued through 17FEB2020 ... \$ 41.66

Dividend last posted: 32.19
 Transaction date: 16JAN20 APYE: for 0 days
 Through date: 15JAN20 Avg daily balance: 0.00

RATE INFORMATION:

Start Date	End Date	Rate Method	Tier	Rate	Low Balance	High Balance
16JAN20	END	FULL	1	1.340	0.00	END

**Lake Cumberland District Health Department
Local Support Determinations for FY 2020-2021
Green County Public Health Taxing District**

0 From 2019 Property Tax Assessment

	Total Property Subject to Taxation	Real Property Subject to Taxation	Personal Property Subject to Taxation	Motor Vehicle Property Subject to Taxation
F - Real Estate	346,593,647	346,593,647		
G - Tangible Personal	11,836,815		11,836,815	
H - PS Real Estate - Effective	27,550,901	27,550,901		
I - PS Tangible - Effective	36,618,673		36,618,673	
J - Distilled Spirits	0			
M - Motor Vehicles	69,395,060			69,395,060
N - Watercraft	1,558,895		1,558,895	
Aircraft	0		0	
Watercraft (Non-Commercial)	0		0	
Inventory in Transit	0		0	
Total	493,553,991	374,144,548	50,014,383	69,395,060
Tax Base (Total Divided by 100)	4,935,540	3,741,445	500,144	693,951
Tax Rate		\$ 0.0340	\$ 0.0340	\$ 0.0340
Total Projected Tax (Tax Base * Tax Rate)	167,808	127,209	17,005	23,594
Required Support @ .028	138,195	104,760	14,004	19,431
Tax Support for Land, Building & Equipment	29,613	22,449	3,001	4,164
Tax Projections @ 95% Collection Rate				
Real Property Projections	120,849			
Tangible Personal Property Projections	16,155			
Motor Vehicle Projections	22,415			
Total	159,418			

**Lake Cumberland District Health Department
Local Support Determinations for FY 2020-2021
Green County Public Health Taxing District**

0 From 2019 Property Tax Assessment

	Total Property Subject to Taxation	Real Property Subject to Taxation	Personal Property Subject to Taxation	Motor Vehicle Property Subject to Taxation
F - Real Estate	346,593,647	346,593,647		
G - Tangible Personal	11,836,815		11,836,815	
H - PS Real Estate - Effective	27,550,901	27,550,901		
I - PS Tangible - Effective	36,618,673		36,618,673	
J - Distilled Spirits	0			
M - Motor Vehicles	69,395,060			69,395,060
N - Watercraft	1,558,895		1,558,895	
Aircraft	0		0	
Watercraft (Non-Commercial)	0		0	
Inventory in Transit	0		0	
Total	493,553,991	374,144,548	50,014,383	69,395,060
Tax Base (Total Divided by 100)	4,935,540	3,741,445	500,144	693,951
Tax Rate		\$ 0.0350	\$ 0.0350	\$ 0.0350
Total Projected Tax (Tax Base * Tax Rate)	172,744	130,951	17,505	24,288
Required Support @ .028	138,195	104,760	14,004	19,431
Tax Support for Land, Building & Equipment	34,549	26,190	3,501	4,858
Tax Projections @ 95% Collection Rate				
Real Property Projections	124,403			
Tangible Personal Property Projections	16,630			
Motor Vehicle Projections	23,074			
Total	164,107			

**Lake Cumberland District Health Department
Local Support Determinations for FY 2020-2021
Green County Public Health Taxing District**

0 From 2019 Property Tax Assessment

	Total Property Subject to Taxation	Real Property Subject to Taxation	Personal Property Subject to Taxation	Motor Vehicle Property Subject to Taxation
F - Real Estate	346,593,647	346,593,647		
G - Tangible Personal	11,836,815		11,836,815	
H - PS Real Estate - Effective	27,550,901	27,550,901		
I - PS Tangible - Effective	36,618,673		36,618,673	
J - Distilled Spirits	0			
M - Motor Vehicles	69,395,060			69,395,060
N - Watercraft	1,558,895		1,558,895	
Aircraft	0		0	
Watercraft (Non-Commercial)	0		0	
Inventory in Transit	0		0	
Total	493,553,991	374,144,548	50,014,383	69,395,060
Tax Base (Total Divided by 100)	4,935,540	3,741,445	500,144	693,951
Tax Rate		\$ 0.0360	\$ 0.0360	\$ 0.0360
Total Projected Tax (Tax Base * Tax Rate)	177,679	134,692	18,005	24,982
Required Support @ .028	138,195	104,760	14,004	19,431
Tax Support for Land, Building & Equipment	39,484	29,932	4,001	5,552
Tax Projections @ 95% Collection Rate				
Real Property Projections	127,957			
Tangible Personal Property Projections	17,105			
Motor Vehicle Projections	23,733			
Total	168,795			

WORKSHEET FOR CERTIFICATION ASSESSMENT FOR LOCAL GOVERNMENT

CLASS OF PROPERTY

REAL ESTATE, TANGIBLE PERSONALTY, PUBLIC SERVICE AND DISTILLED SPIRITS

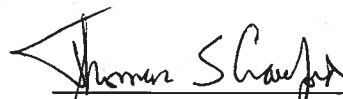
A 2018 Assessment of Adjusted Property At Full Rates			410,040,053
Net Change in	2019	59,014,923	
B 2019 Homestead Exemptions	2018	56,720,848	2,294,075
C 2018 Adjusted Tax Base			407,745,978
D 2019 Net Assessment Growth			14,854,058
E 2019 Total Valuation of Adjusted Property at Full Rates			422,600,036
	Property Subject to Taxation 2018	Net Assessment Growth	Property Subject to Taxation 2019
F Real Estate	\$338,202,330	10,685,392	\$346,593,647
G Tangible Personalty	11,291,611	545,204	11,836,815
H P.S. Co-Real Estate-Effective	24,563,069	2,987,832	27,550,901 *
P.S. Co.-Real Estate-100%	24,563,069	2,987,832	27,550,901 *
I P.S. Co.-Tang.-Effective	35,983,043	635,630	36,618,673 *
P.S. Co.-Tang.-100%	38,054,079	765,480	38,819,559 *
J Distilled Spirits	-	-	-
K Electric Plant Board	-	-	-
L Insurance Shares	-	-	-
M Motor Vehicles - Includes Public Service Motor Vehicles	68,209,202		69,395,060
N Watercraft	1,518,102		1,558,895
Net New Property: PVA Real Estate			3,397,531
P. S. Co. Real Estate-Effective			2,987,832 *
Unmined Coal			-
Tobacco in Storage			-
Other Agricultural Products			-
The following tangible items are not included in line G. Aircraft and watercraft assessment may be taxed or exempted at your option. Inventory in transit may be taxed only by special districts.			
Aircraft(Recreational & Non-Commercial)			-
Watercraft(Non-Commercial)			-
Inventory in transit			-
2018 R. E. Exonerations & Refunds			1,319,700
2018 Tangible Exonerations & Refunds			195,152 +

* Estimated Assessment
+ Increase Exonerations

I, Thomas S. Crawford, Director, Division of Local Support, certify that the above total is the equalized assessment of the different classes of property and the total assessment of GREEN County as made by the Office of Property Valuation for 2019, subject to any increases or decreases that may hereafter be made as a result of the appeals to the Kentucky Board of Tax Appeals.

Witness my hand this

7-24-2019


Thomas S. Crawford, Director
Division of Local Support
Office of Property Valuation
Finance and Administration Cabinet

Taxing District	Tax Rate	Year	Revenues	Expenditures	Net Income/Loss	Bank Account Balance	Percentage of Increase/Decrease	Percentage of Annual Expenses Covered by Tax Revenue	Percentage of Annual Expenses in Excess of Tax Revenue	Bldg. Sq. Ft	Construction Cost @ \$215.00	Construction Cost/10	% of Reserve Need
Adair	\$0.030	2011	\$ 176,362.05	\$ 155,739.90	\$ 20,622.15	\$ 209,689.59		100%	0%				
		2012	\$ 208,495.96	\$ 209,241.65	\$ (745.69)	\$ 208,943.90	0%	100%	0%				
		2013	\$ 216,845.85	\$ 220,436.76	\$ (3,590.91)	\$ 205,352.99	-2%	98%	2%				
		2014	\$ 215,158.91	\$ 212,152.08	\$ 3,006.83	\$ 208,359.82	1%	100%	0%				
		2015	\$ 221,362.30	\$ 208,321.80	\$ 13,040.50	\$ 221,400.32	6%	100%	0%				
		2016	\$ 218,981.12	\$ 217,606.52	\$ 13,040.50	\$ 222,774.92	1%	100%	0%				
		2017	\$ 222,565.64	\$ 234,928.07	\$ (12,362.43)	\$ 210,412.49	-6%	95%	5%				
		2018	\$ 220,562.72	\$ 224,692.31	\$ (4,129.59)	\$ 206,282.90	-2%	98%	2%				
		2019	\$ 235,684.82	\$ 228,131.59	\$ 7,553.23	\$ 213,836.13	4%	100%	0%	10,845	\$ 2,331,675.00	\$ 233,167.50	92%
		μ	\$ 215,113.26	\$ 212,361.19	\$ 2,752.08	\$ 211,894.78							
Casey	\$0.043	2011	\$ 237,574.17	\$ 114,985.37	\$ 122,588.80	\$ 138,541.99		100%	0%				
		2012	\$ 247,924.81	\$ 170,292.47	\$ 77,632.34	\$ 216,174.33	36%	100%	0%				
		2013	\$ 252,295.48	\$ 169,728.85	\$ 82,566.63	\$ 298,740.96	28%	100%	0%				
		2014	\$ 247,380.71	\$ 176,819.38	\$ 70,561.33	\$ 369,302.29	19%	100%	0%				
		2015	\$ 261,373.84	\$ 200,095.03	\$ 61,278.81	\$ 430,581.10	14%	100%	0%				
		2016	\$ 269,572.29	\$ 178,972.13	\$ 90,600.16	\$ 521,181.26	17%	100%	0%				
		2017	\$ 273,914.44	\$ 191,024.91	\$ 82,889.53	\$ 604,070.79	14%	100%	0%				
		2018	\$ 273,696.22	\$ 196,947.43	\$ 76,748.79	\$ 680,819.58	11%	100%	0%				
		2019	\$ 318,449.10	\$ 193,730.40	\$ 124,718.70	\$ 805,538.28	15%	100%	0%	4,187	\$ 900,205.00	\$ 90,020.50	895%
		μ	\$ 264,686.78	\$ 176,955.11	\$ 87,731.68	\$ 451,661.18							
Clinton	\$0.035	2011	\$ 116,202.81	\$ 87,867.60	\$ 28,335.21	\$ 111,499.15		100%	0%				
		2012	\$ 161,742.57	\$ 139,766.60	\$ 21,975.97	\$ 133,475.12	16%	100%	0%				
		2013	\$ 168,576.78	\$ 147,041.29	\$ 21,535.49	\$ 155,010.61	14%	100%	0%				
		2014	\$ 169,844.80	\$ 142,090.30	\$ 27,754.50	\$ 182,765.11	15%	100%	0%				
		2015	\$ 163,111.64	\$ 140,070.60	\$ 23,041.04	\$ 205,806.15	11%	100%	0%				
		2016	\$ 170,384.82	\$ 149,560.36	\$ 20,824.46	\$ 226,630.61	9%	100%	0%				
		2017	\$ 172,093.31	\$ 145,559.99	\$ 26,533.32	\$ 253,163.93	10%	100%	0%				
		2018	\$ 167,752.72	\$ 171,341.49	\$ (3,588.77)	\$ 249,575.16	-1%	98%	2%				
		2019	\$ 186,702.76	\$ 175,151.12	\$ 11,551.64	\$ 261,126.80	4%	100%	0%	4,209	\$ 904,935.00	\$ 90,493.50	289%
		μ	\$ 164,045.80	\$ 144,272.15	\$ 19,773.65	\$ 197,672.52							
Cumberland	\$0.035	2011	\$ 79,402.91	\$ 61,821.51	\$ 17,581.40	\$ 65,347.14		100%	0%				
		2012	\$ 111,667.46	\$ 96,242.00	\$ 15,425.46	\$ 80,772.60	19%	100%	0%				
		2013	\$ 114,708.98	\$ 114,831.98	\$ (123.00)	\$ 80,649.60	0%	100%	0%				
		2014	\$ 119,085.31	\$ 97,008.94	\$ 22,076.37	\$ 102,725.97	21%	100%	0%				
		2015	\$ 117,208.75	\$ 96,586.60	\$ 20,622.15	\$ 123,348.12	17%	100%	0%				
		2016	\$ 122,373.28	\$ 118,901.32	\$ 3,471.96	\$ 126,820.08	3%	100%	0%				
		2017	\$ 123,778.01	\$ 143,003.58	\$ (19,225.57)	\$ 107,594.51	-18%	87%	13%				
		2018	\$ 126,050.13	\$ 132,076.09	\$ (6,025.96)	\$ 101,568.55	-6%	95%	5%				
		2019	\$ 127,976.42	\$ 111,817.78	\$ 16,158.64	\$ 117,727.19	14%	100%	0%	6,486	\$ 1,394,490.00	\$ 139,449.00	84%
		μ	\$ 115,805.69	\$ 108,032.20	\$ 7,773.49	\$ 100,728.20							
Green	\$0.034	2011	\$ 138,413.23	\$ 109,070.63	\$ 29,342.60	\$ 108,351.76		100%	0%				
		2012	\$ 142,882.49	\$ 151,709.98	\$ (8,827.49)	\$ 99,524.27	-9%	94%	6%				
		2013	\$ 152,090.47	\$ 143,711.44	\$ 8,379.03	\$ 107,903.30	8%	100%	0%				
		2014	\$ 141,318.06	\$ 131,384.68	\$ 9,933.38	\$ 117,836.68	8%	100%	0%				
		2015	\$ 145,982.64	\$ 126,382.41	\$ 19,600.23	\$ 137,436.91	14%	100%	0%				
		2016	\$ 149,910.61	\$ 127,673.72	\$ 22,236.89	\$ 159,673.80	14%	100%	0%				
		2017	\$ 143,692.46	\$ 132,194.83	\$ 11,497.63	\$ 171,171.43	7%	100%	0%				
		2018	\$ 165,539.78	\$ 152,169.86	\$ 13,369.92	\$ 184,541.35	7%	100%	0%				
		2019	\$ 160,566.04	\$ 139,953.23	\$ 20,612.81	\$ 205,154.16	10%	100%	0%	4,595	\$ 987,925.00	\$ 98,792.50	208%
		μ	\$ 148,932.86	\$ 134,916.75	\$ 14,016.11	\$ 143,510.41							

Taxing District	Tax Rate	Year	Revenues	Expenditures	Net Income/Loss	Bank Account Balance	Percentage of Increase/Decrease	Percentage of Annual Expenses Covered by Tax Revenue	Percentage of Annual Expenses in Excess of Tax Revenue	Bldg. Sq. Ft	Construction Cost @ \$215.00	Construction Cost/10	% of Reserve Need
McCreary	0.040	2011	\$ 184,076.80	\$ 155,877.44	\$ 28,199.36	\$ 293,302.01		100%	0%				
		2012	\$ 193,873.57	\$ 195,154.26	\$ (1,280.69)	\$ 292,021.32	0%	99%	1%				
		2013	\$ 192,101.76	\$ 187,218.54	\$ 4,883.22	\$ 296,904.54	2%	100%	0%				
		2014	\$ 177,438.07	\$ 149,970.48	\$ 27,467.59	\$ 324,372.13	8%	100%	0%				
		2015	\$ 196,835.96	\$ 151,420.18	\$ 45,415.78	\$ 369,787.91	12%	100%	0%				
		2016	\$ 195,250.85	\$ 188,962.06	\$ 6,288.79	\$ 376,076.70	2%	100%	0%				
		2017	\$ 195,363.46	\$ 154,919.22	\$ 40,444.24	\$ 416,520.94	10%	100%	0%				
		2018	\$ 200,555.23	\$ 179,116.53	\$ 21,438.70	\$ 437,959.64	5%	100%	0%				
		2019	\$ 231,978.73	\$ 204,619.27	\$ 27,359.46	\$ 465,319.10	6%	100%	0%	7,254	\$ 1,559,610.00	\$ 155,961.00	298%
		μ		\$ 196,386.05	\$ 174,139.78	\$ 22,246.27	\$ 363,584.92						
Pulaski	0.030	2011	\$ 768,661.39	\$ 703,676.35	\$ 64,985.04	\$ 469,096.12		100%	0%				
		2012	\$ 1,124,615.32	\$ 1,132,202.94	\$ (7,587.62)	\$ 461,508.50	-2%	99%	1%				
		2013	\$ 1,142,524.71	\$ 1,128,369.15	\$ 14,155.56	\$ 475,664.06	3%	100%	0%				
		2014	\$ 1,167,327.70	\$ 1,140,189.79	\$ 27,137.91	\$ 502,801.97	5%	100%	0%				
		2015	\$ 1,185,553.54	\$ 1,144,846.29	\$ 40,707.25	\$ 543,509.22	7%	100%	0%				
		2016	\$ 1,183,571.71	\$ 1,159,188.62	\$ 24,383.09	\$ 567,892.31	4%	100%	0%				
		2017	\$ 1,249,375.16	\$ 1,171,924.09	\$ 77,451.07	\$ 645,343.38	12%	100%	0%				
		2018	\$ 1,271,483.66	\$ 1,216,336.91	\$ 55,146.75	\$ 700,490.13	8%	100%	0%				
		2019	\$ 1,307,727.56	\$ 1,347,209.84	\$ (39,482.28)	\$ 661,007.85	-6%	97%	3%	20,435	\$ 4,393,525.00	\$ 439,352.50	150%
		μ		\$ 1,155,648.97	\$ 1,127,104.89	\$ 28,544.09	\$ 558,590.39						
Russell	0.045	2011	\$ 2,776,219.46	\$ 2,395,127.28	\$ 381,092.18	\$ 269,154.51		100%	0%				
		2012	\$ 615,169.29	\$ 871,030.89	\$ (255,861.60)	\$ 13,292.91	-1925%	71%	29%				
		2013	\$ 495,923.69	\$ 503,315.76	\$ (7,392.07)	\$ 5,900.84	-125%	99%	1%				
		2014	\$ 494,908.53	\$ 478,979.98	\$ 15,928.55	\$ 21,829.39	73%	100%	0%				
		2015	\$ 471,725.84	\$ 479,033.98	\$ (7,308.14)	\$ 14,521.25	-50%	98%	2%				
		2016	\$ 473,420.18	\$ 481,538.14	\$ (8,117.96)	\$ 6,403.29	-127%	98%	2%				
		2017	\$ 491,375.03	\$ 482,151.19	\$ 9,223.84	\$ 15,627.13	59%	100%	0%				
		2018	\$ 495,178.84	\$ 490,691.32	\$ 4,487.52	\$ 20,114.65	22%	100%	0%				
		2019	\$ 523,462.30	\$ 491,611.34	\$ 31,850.96	\$ 51,965.61	61%	100%	0%	11,922	\$ 2,563,230.00	\$ 256,323.00	20%
		μ		\$ 759,709.24	\$ 741,497.76	\$ 18,211.48	\$ 46,534.40						
Taylor	0.0325	2011	\$ 527,838.64	\$ 399,190.86	\$ 128,647.78	\$ 125,032.69		100%	0%				
		2012	\$ 566,066.33	\$ 478,708.18	\$ 87,358.15	\$ 212,390.84	41%	100%	0%				
		2013	\$ 561,222.69	\$ 545,796.46	\$ 15,426.23	\$ 227,817.07	7%	100%	0%				
		2014	\$ 531,961.91	\$ 547,722.87	\$ (15,760.96)	\$ 212,056.11	-7%	97%	3%				
		2015	\$ 553,598.18	\$ 638,207.21	\$ (84,609.03)	\$ 127,447.08	-66%	87%	13%				
		2016	\$ 465,873.17	\$ 409,707.90	\$ 56,165.27	\$ 183,612.35	31%	100%	0%				
		2017	\$ 452,101.52	\$ 428,166.41	\$ 23,935.11	\$ 207,547.46	12%	100%	0%				
		2018	\$ 467,301.55	\$ 444,029.00	\$ 23,272.55	\$ 230,820.01	10%	100%	0%				
		2019	\$ 507,928.25	\$ 448,155.85	\$ 59,772.40	\$ 290,592.41	21%	100%	0%	15,771	\$ 3,390,765.00	\$ 339,076.50	86%
		μ		\$ 514,876.92	\$ 482,187.19	\$ 32,689.72	\$ 201,924.00						
Wayne	0.030	2011	\$ 246,997.96	\$ 247,767.03	\$ (769.07)	\$ 126,662.95		100%	0%				
		2012	\$ 254,564.94	\$ 255,114.99	\$ (550.05)	\$ 126,112.90	0%	100%	0%				
		2013	\$ 253,940.94	\$ 260,779.95	\$ (6,839.01)	\$ 119,273.89	-6%	97%	3%				
		2014	\$ 254,718.16	\$ 250,867.90	\$ 3,850.26	\$ 123,124.15	3%	100%	0%				
		2015	\$ 256,598.90	\$ 278,343.61	\$ (21,744.71)	\$ 101,379.44	-21%	92%	8%				
		2016	\$ 257,240.84	\$ 258,597.18	\$ (1,356.34)	\$ 100,023.10	-1%	99%	1%				
		2017	\$ 267,502.21	\$ 267,598.01	\$ (95.80)	\$ 99,927.30	0%	100%	0%				
		2018	\$ 270,796.59	\$ 261,519.07	\$ 9,277.52	\$ 109,204.82	8%	100%	0%				
		2019	\$ 277,360.66	\$ 265,265.77	\$ 12,094.89	\$ 121,299.71	10%	100%	0%	12,177	\$ 2,618,055.00	\$ 261,805.50	46%
		μ		\$ 259,969.02	\$ 260,650.39	\$ (681.37)	\$ 114,112.03						

Green County Board of Health / Local Funds Project

Improving Access to Fruits and Vegetables – Farmers’ Market on Green River

The aim of this proposal is to increase fruit and vegetable consumption among Green County citizens. The CDC recognizes starting or expanding a farmers’ market as a strategy to increase consumption of fruits and vegetables. Eating a diet high in fruits and vegetables is associated with a decreased risk of many chronic diseases, including heart disease, stroke, high blood pressure, diabetes, and some cancers. The key implementation challenge will be acquiring matching funds to complete the project.

Background to the project:

Green County Board of Health (BOH) has funded two previous projects, 2018 and 2019, to expand the services of the newly established market. In 2018, the BOH funded \$5063.55. In 2019, the funds awarded were \$4000.00. As a result of those efforts:

- In 2018, the WIC Farmers’ Market vouchers redemption rate increased from 25% in 2017 to 51%.
- In 2019, the WIC redemption rate increased to 55% and the health department was honored by receiving additional vouchers for their patients. Also, during this season, a market manager was hired through grant matching funds and a USDA grant was acquired for \$29,500.

Expected Results:

As the farmers market strives for financial sustainability, the result of funding this proposal will provide the farmers market board with a market manager for another year. This will allow other board members to devote more time to the development of the market’s operational system.

Timeline of Work:

March-contract with market manager

May – first payment to manager

August – second payment

November – final payment

Expected Budget:

Market Coordinator - \$2000.00 (pending grant approval, \$4000.00 value with Community Farm Alliance grant funds)

	2017	2018	2019
Total days at the market	29	29	30
Total number of different vendors	16	8	16
Average number of vendors per day	3	3.65	5
Average number of farmer vendors per day			3
Average number of craft/non farmer vendors per day			2
Total customers	1054	1328	1429
Average number of customers per day	35	45.79	48
Total income	7,220	8,278	11,341.50
Average income per day	240		
Average number of products per day	23	30	
Average amount customer spent	6.84		
Number of WIC vouchers used	63/252	126/252	138/252
Value of WIC vouchers used		504	568
New vendors		3	
High vendor for 1 day		8	8
High customers for 1 day (special event)		300	
High customers for a normal day		105	150

Family & Youth Services Bureau Sexual Risk Avoidance Education (SRAE)

Overview of SRAE Program / Making a Difference (MAD)

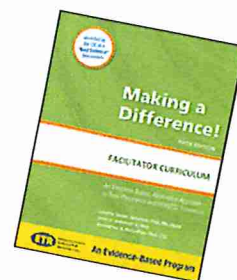
September 30, 2016 through October 1, 2019

Awarded: \$972,151

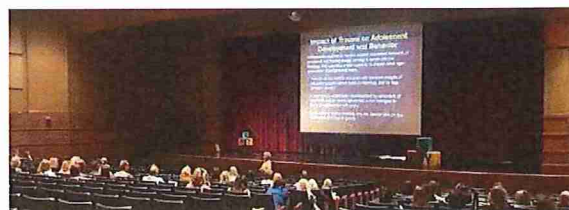
Lake Cumberland District Health Department was awarded the Sexual Risk Avoidance Education (SRAE) grant from the Family and Youth Services Bureau providing funding to implement Making a Difference (MAD) curriculum from September 30, 2016 through October 1, 2019.

Making the Difference (MAD) Program was implemented in all 14 middle schools across Lake Cumberland

- 13 School Districts
- 7,264 Unduplicated Middle School Students
- 1425 Behavioral Change Presentations
- 81% of the 7,264 adolescents reported that their belief of practicing abstinence will help them achieve their career goals
- 4% Teen birth rate decrease between 2017 and 2018



Building Resilient Youth Conference - July 25, 2019



Office of Adolescent Health

Overview Two-Year Teen Pregnancy Prevention (TPP) Grant

July, 15 2019 - June 30, 2021

Awarded: \$986,000

Lake Cumberland District Health Department was awarded the Phase I Tier 1 projects to replicate programs that have been proven effective through rigorous evaluation to reduce teenage pregnancy, behavioral risk factors underlying teenage pregnancy, or other associated risk factors.

Reducing the Risk (RTR) will be implemented in all 12 high schools across Lake Cumberland

RTR will assist high school students to delay the initiation of sex or increase the use of protection against pregnancy and STD/HIV if they choose to have sex. This research-proven approach addresses skills such as risk assessment, communication, decision making, planning, refusal strategies and delay tactics.

Performance measures

- 95% of sites will implement the programs
- 60% of sexually active participants will report they are more likely to use protection to avoid pregnancy and/ or STD's
- 80% of participants from both programs will report the program was beneficial
- 90% of TOP participants will have eliminated at least 2 risk factors
- 80% of TOP participants report more confidence in handling challenging issues
- Decrease LCDHD teen birth rates by 5%
- Decrease LCDHD STD rates by 5% by practicing abstinence will help them achieve their career goals

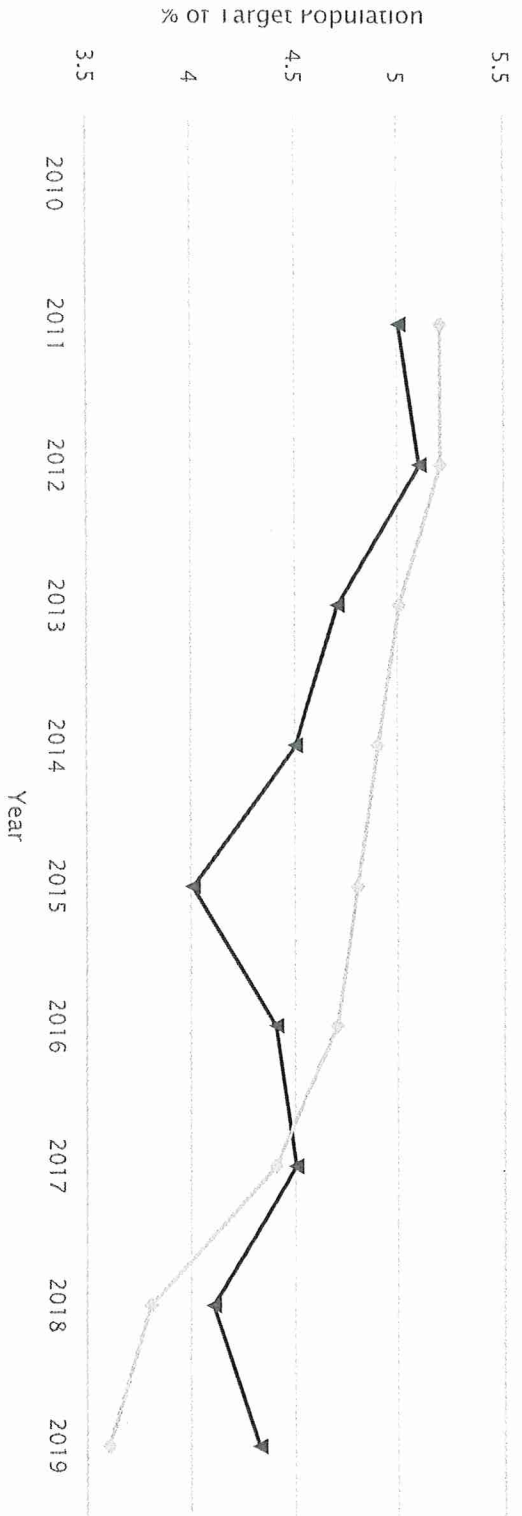
Teen Outreach Program

Casey and McCreary Counties

Wyman's Teen Outreach Program® (TOP®) promotes the positive development of adolescents through curriculum-guided, interactive group discussions; positive adult guidance and support; and community service learning.

TOP is delivered by trained adult facilitators across a school year to groups of teens (called "TOP Clubs"). TOP is designed to meet the developmental needs of middle and high school teens and can be implemented in a variety of settings, including in-school, after-school, through community-based organizations or in systems and institutional settings, including residential facilities.

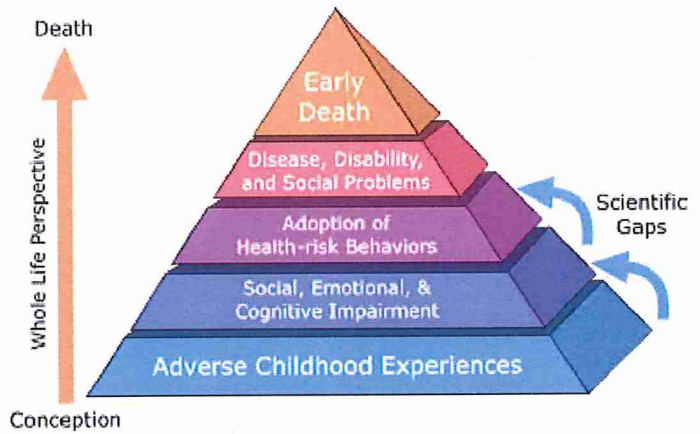
TOP curriculum is focused on key topics related to adolescent health and development, including building social, emotional, and life skills; developing a positive sense of self; and connecting with others.



ADVERSE CHILDHOOD EXPERIENCES (ACEs)

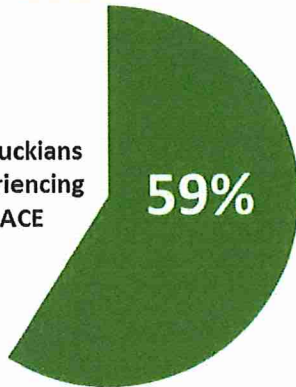
Adverse Childhood Experiences (ACEs)

Adverse childhood experiences (ACEs) are potentially traumatic events that can have negative, lasting effects on health and well-being including early death¹. These experiences range from physical, emotional, or sexual abuse to parental divorce or the incarceration of a parent or guardian. The original ACE Study was a research study conducted by Kaiser Permanente and the Centers for Disease Control and Prevention. Participants were recruited to the study between 1995 and 1997 and have been in long-term follow up for health outcomes. The study has demonstrated that ACEs are common, often occur together, and are associated with health and social problems as an adult^{2,3}.



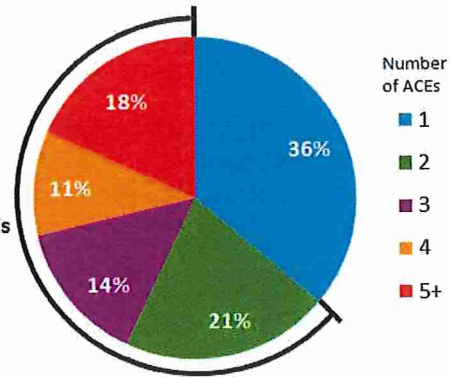
Prevalence of ACEs in Kentucky

59% of Kentuckians report experiencing at least one ACE



Distribution of ACEs among those with at least one ACE

64% have two or more ACEs



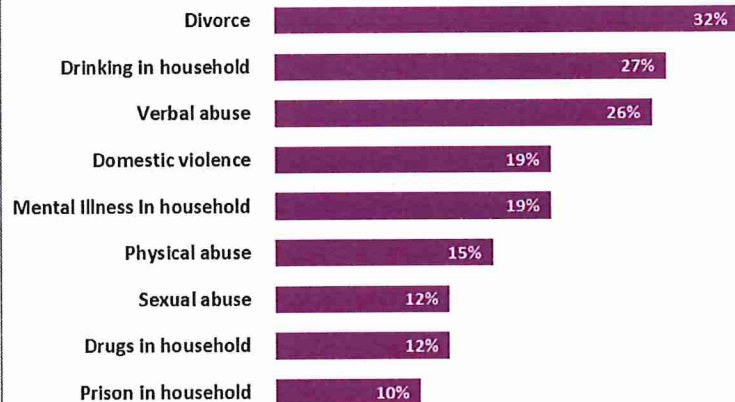
More than half (59%) of Kentucky residents have experienced at least one ACE. Of those that have experienced at least one ACE, 64% have experienced two or more ACEs.

Data Source: Kentucky Behavioral Risk Factor Surveillance (KyBRFS); Year 2015

Common ACEs in Kentucky

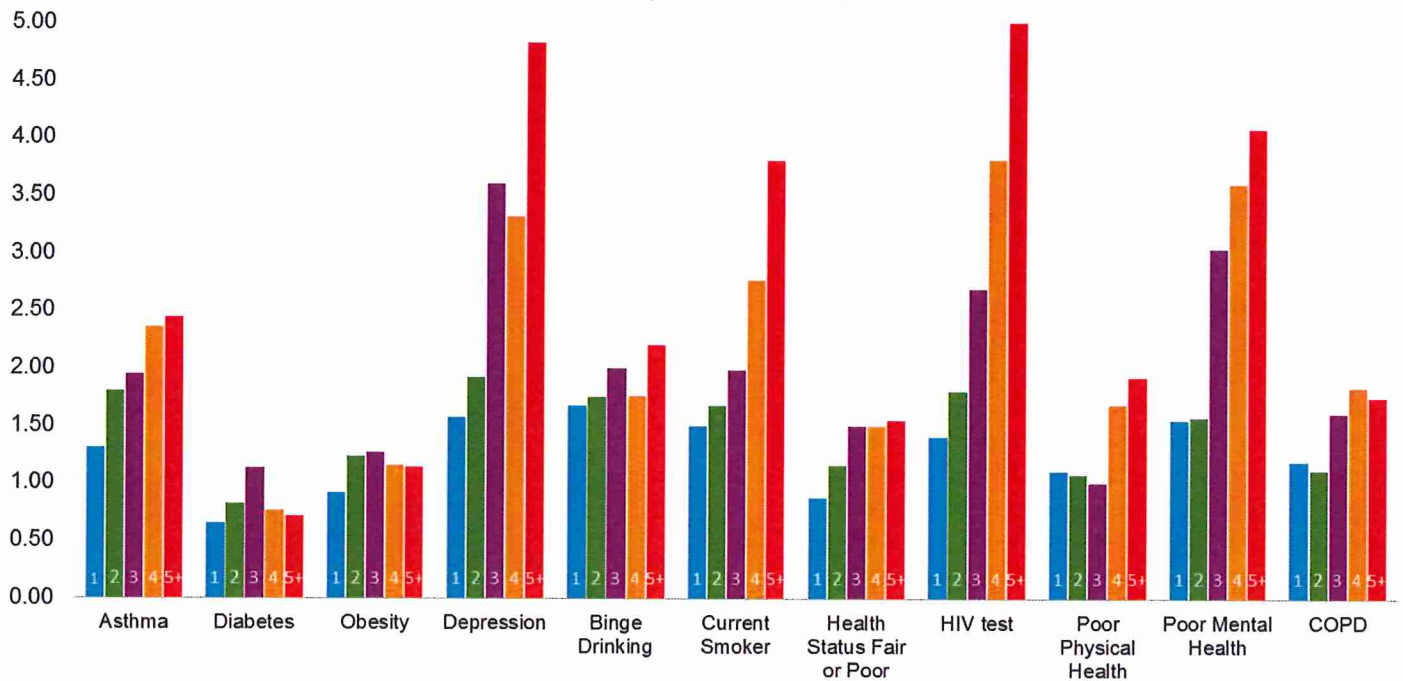
Data from the Kentucky Behavioral Risk Factor Surveillance (KyBRFS) indicates that several Kentucky adults experienced various types of ACEs. Of those experiencing at least one ACE, 32% experienced divorce in the household, 27% experienced drinking (problem drinker or alcoholism) in the household, and 26% experienced verbal abuse. These data suggest that ACEs are very common in Kentucky and should be addressed during routine health care visits.

Prevalence of Individual ACEs



Data Source: Kentucky Behavioral Risk Factor Surveillance (KyBRFS); Year 2015

Increased Risk of Condition/Behavior By Number of ACEs Present Compared to No ACEs



Data Source: Kentucky Behavioral Risk Factor Surveillance (KyBRFS); Year 2015

HIV test=Human Immunodeficiency Virus test

COPD=Chronic Obstructive Pulmonary Disease

This data supports addressing ACEs in the health care setting as well as in communities. A better understanding of the adverse events experienced by an individual during childhood could provide insight into their physical and mental health status as an adult. All families experience times of stress, and research demonstrates that children grow and learn best in families who have the supports and skills to deal with those times.

Source: Kentucky Department of Public Health, 2015

ACEs can have lasting effects on...



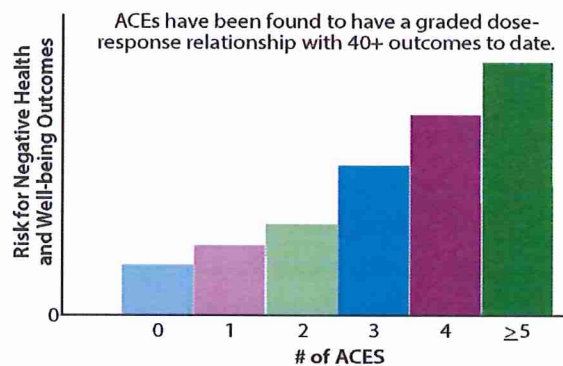
Health (obesity, diabetes, depression, suicide attempts, STDs, heart disease, cancer, stroke, COPD, broken bones)



Behaviors (smoking, alcoholism, drug use)



Life Potential (graduation rates, academic achievement, lost time from work)



*This pattern holds for the 40+ outcomes, but the exact risk values vary depending on the outcome.

Source: CDC, 2019

References:

- 1 Child Trends; Research Brief; Adverse Childhood Experiences; Year 2014
- 2 The Adverse Childhood Experiences (ACE) Study; Centers for Disease Control and Prevention. Retrieved Nov. 4, 2016
- 3 Adverse Childhood Experiences; Substance Abuse and Mental Health Services Administration, Rockville, MD; Retrieved Nov. 4, 2016

THE TRUTH ABOUT ACEs

WHAT ARE THEY?

ACEs are
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

HOW PREVALENT ARE ACEs?

The ACE study* revealed the following estimates:

ABUSE



NEGLECT



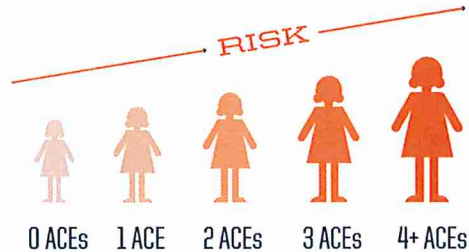
HOUSEHOLD DYSFUNCTION



percentage of study participants that experienced a specific ACE

WHAT IMPACT DO ACEs HAVE?

As the number of ACEs increases, so does the risk for negative health outcomes



Possible Risk Outcomes:

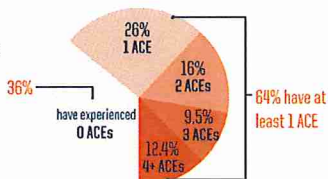
BEHAVIOR



PHYSICAL & MENTAL HEALTH



Of 17,000 ACE study participants:



IMPROVE DIABETES OUTCOMES



KENTUCKY DIABETES NETWORK, INC.
www.KYdiabetes.net
Kentucky Diabetes Network
@KYDiabetes

Diabetes Self-management Education and Support (DSMES):

Ongoing process of facilitating the knowledge, skill, and ability necessary for diabetes self-care. Includes activities that assist in implementing and sustaining the behaviors needed to manage diabetes.

60%

of people with diabetes have never received formal diabetes self-management education and support (DSMES).

AADE 16

Everyone with diabetes needs DSMES, but especially at these four critical times:

- 1 At diagnosis
- 2 Annual assessment of education, nutrition and emotional needs
- 3 When new complicating factors influence self-management
- 4 When transitions in care occur

Diabetes education helps your patients make better self-management decisions



Healthy Eating



Taking Medication



Being Active



Monitoring

Healthy Coping



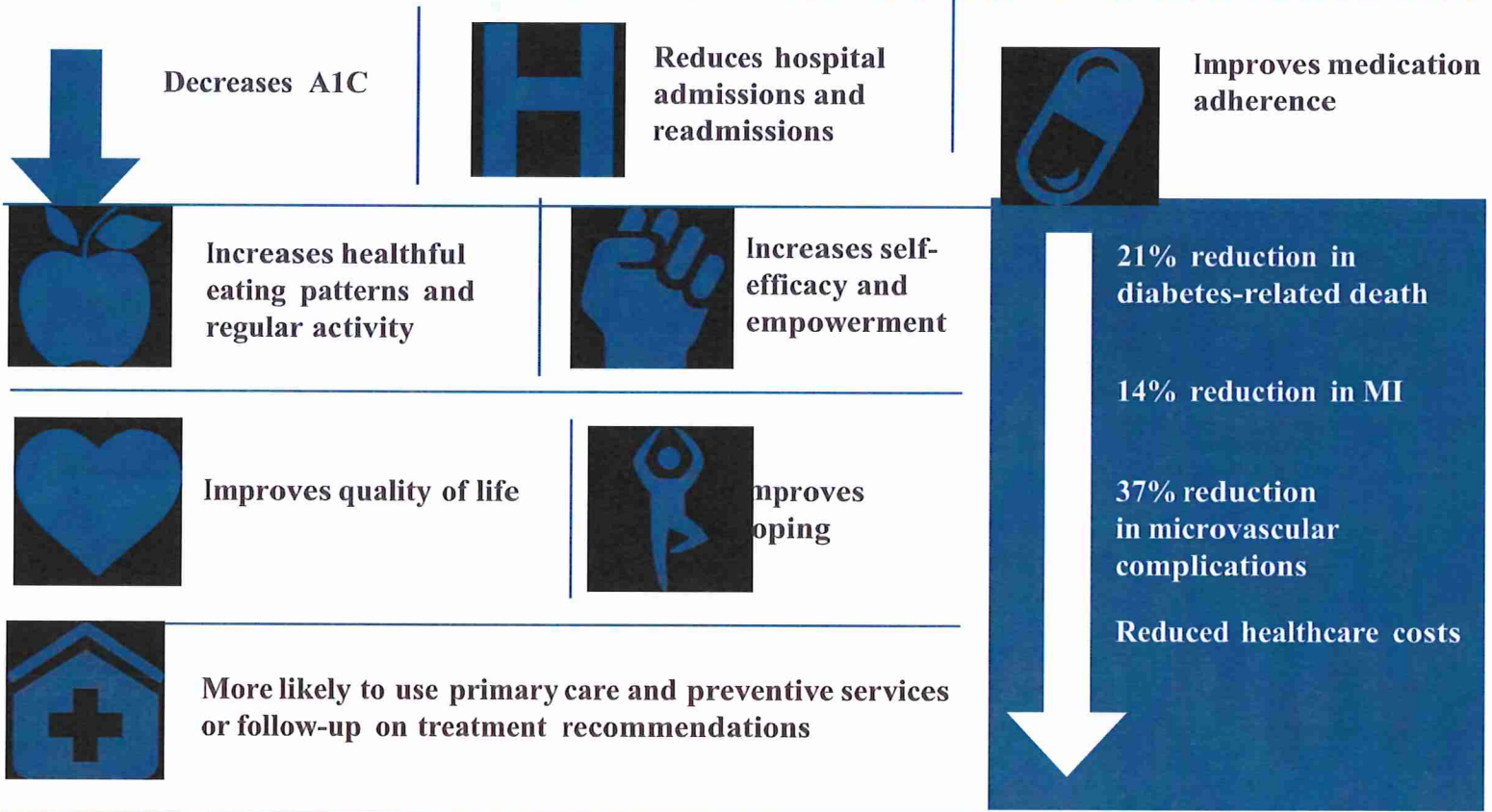
Problem Solving
(for hypo/hyperglycemia and sick days)



Reducing Risks
(for acute and chronic complications)



Evidence shows diabetes education:



A diabetes educator:

- is a licensed health care professional with training and experience pertinent to DSMES
- educates on diabetes
- provides ongoing support in diabetes self-care
- evaluates progress and communicates with providers

How do I refer a patient?

To learn more, visit www.kydiabetes.net or go to <https://prd.chfs.ky.gov/KYDiabetesResources/>
Or call 1-800-928-4416

References:

1. ADA Standards of Medical Care in Diabetes – 2017. Diabetes Care 2017 Jan; 40 (Supplement 1).
2. Diabetes Care 2015 Jul; 38(7): 1372-1382.
3. 2017 National Standards for Diabetes Self-Management Education and Support. Diabetes Care 2017 July.

Population/Resources 2019-2020

Population

While Kentucky is ranked in the top ten unhealthiest states, our District is below the state average. Kentucky statewide population averages 34% in obesity (US – 29%) (1), 27 % in physical inactivity (US-22%) (1), and 13.8% with diabetes (2). Our district population averages 36.2 % in obesity, 32.1% in physical inactivity (an improvement from 33.6%), and 14.6 % with diabetes.(1) Our district includes ten of Kentucky's 120 counties. Eight of these ten counties are Appalachian counties. Our district is primarily rural, covers 3,720 square miles geographically, and has a population of 209,231.

Compounding the health problems in our area, an average of 7.61 % are uninsured compared to the state average of 6.7%. The state average poverty rate is 16.9%, while in the Lake Cumberland District the average is 23.9%. Language other than English is spoken in 2.63% of homes in our district. Approximately 6.1% (12,728) of our district's residents are veterans. ** We do not have a YMCA or many of the low cost health improvement opportunities offered in larger urban areas.

At present, the Diabetes Education Program is the only source of *free comprehensive* diabetes self-management education in the ten county district. Taylor County does one-on-one education at the local hospital and bills insurance. A pharmacy in Clinton County provides classes and bills insurance as well. Data has been compiled and evaluated to identify the greatest need of DSME classes in order to reach population and demands. (See attached table.) We have adjusted the frequency of the classes based on population, incidence of diabetes, available diabetes education in the county, previous history of class attendance, and staffing. We provide classes twice a year in all counties except Pulaski, which has classes 3 times a year.

Resources

The local health department facilities in nine of the ten counties have adequate meeting rooms for DSME classes with the exception being in Casey County. The DSME classes in Casey County are held at the County Extension Office Education Building or the Casey County Public Library free of charge. Three Diabetes Educators (RN, CDE's,) teach DSME classes throughout the district. Interpreters are utilized for one-on-one education when non-English speaking individuals need assistance with diabetes education.

Data for 2019-2020 Diabetes Education Program Plan

County Ranking Based on Health Outcomes	County	**Population	(1) % Prevalance of Type 2 Diabetes	**Race	(1) % Obesity	(1) % Physical Inactivity
49	Adair	19,215	16	W 94.9% B 3 % H 2%	38	36
102	Casey	15,888	15	W 97.3% B 1 % H 3.1%	38	29
64	Clinton	10,206	15	W 97% B 0.6% H 3%	37	34
59	Cumberland	6,659	15	W 94.8% B 3% H 1.5%	34	33
40	Green	11,049	14	W 95.9 % B 2.1 % H 1.9%	37	32
116	McCreary	17,408	15	W 91.6% B 5.7% H 2.6%	36	35
62	Pulaski	64,623	14	W 96.4% B 1.2% H 2.6%	35	30
77	Russell	17,821	13	W 96.8% B 0.9% H 3.8%	32	29
57	Taylor	25,549	14	W 91.6% B 5.2% H 2.5%	33	31
91	Wayne	20,813	15	W 95.6% B 2% H 3.5%	40	32

1 Data from <http://www.countyhealthrankings.org/app/kentucky/2019/rankings> accessed 1/29/2020

2 Data from <http://stateofobesity.org/rates/> 2018 data accessed 1/29/2020

** Data from <https://www.census.gov/quickfacts-> accessed 1/29/2020

2019 Kentucky Diabetes Fact Sheet

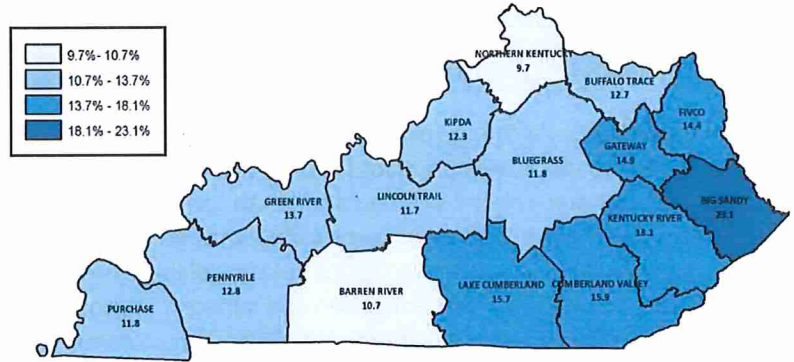
DIABETES: A Public Health Epidemic

Diabetes is COMMON in Kentucky

- From 2000 to 2017, diagnosed diabetes in KY adults has nearly doubled from 6.5% (198,052) to 12.9% (442,500 or 1 in 8)¹. KY ranks 7th highest in the U.S. for diabetes prevalence³. (Nationwide median: 10.5%)
- An estimated 147,500 adults are living with undiagnosed diabetes based on the national rate².
- In Appalachia, the adult rate for diagnosed diabetes is 17% compared to 11.2% in non-Appalachian counties.
- 3,352 youth had a diabetes diagnosis claim in the Kentucky Employees' Health Plan (278) and Medicaid (3,074)³.

Prevalence of Diagnosed Diabetes by Kentucky Regions

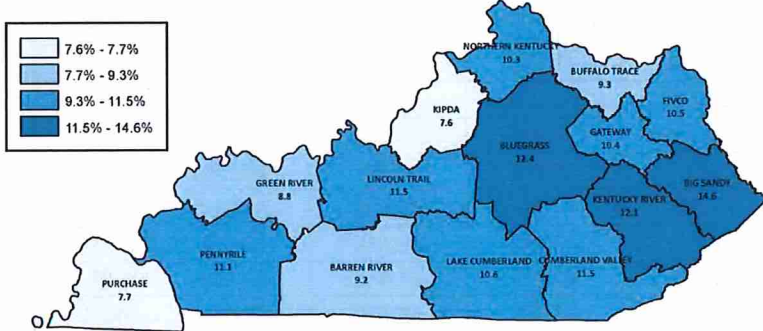
2017 Kentucky Behavioral Risk Factor Survey



Statewide Prevalence: 12.9%

Prevalence of Diagnosed Prediabetes by Kentucky Regions

2017 Kentucky Behavioral Risk Factor Survey



Statewide Prevalence: 10.2%

- Prediabetes occurs when blood sugar levels are higher than normal but not high enough for a diabetes diagnosis. It is a major risk factor for type 2 diabetes.
- As of 2017, 10.2% (288,000) Kentucky adults had diagnosed prediabetes (up from 8.4% in 2015)³.
- 812,000 adults are estimated to have undiagnosed prediabetes².
- An estimated 1 in 3 adults (33.9% or 1.1 million) have diagnosed or undiagnosed prediabetes².
- Gestational diabetes, a risk factor for prediabetes, was present in 5.6% (3,039) of Kentucky live births in 2016, and 10% (2,703) of Medicaid births in 2017³.

Diabetes is SERIOUS in Kentucky

- Diabetes can be associated with complications such as heart disease, stroke, blindness, kidney failure, lower-limb amputation and ketoacidosis. These can reduce length and quality of life.
- In 2016, KY had the 4th highest death rate in the U.S. due to diabetes. This is an increase from 14th in 2014. Diabetes is the 6th leading cause of death by disease in KY and the U.S. It is the 3rd leading cause of death by disease for African Americans in KY (2016).
- KY hospitals had 10,470 inpatient hospital discharges with a primary diagnosis of diabetes (2017).
- 49% (18,359) of hospital visits for cardiovascular disease listed diabetes as a secondary diagnosis (2017).
- KY inpatient hospital discharge data, where diabetes is listed as the primary diagnosis, shows other specified manifestations (includes hypoglycemia) and diabetic ketoacidosis or DKA as the most frequent reasons for hospitalization (2017).
- In 2017, 16,176 Kentuckians had an emergency department visit for diabetes that did not result in full hospitalization. These visits generated billed charges of approximately \$74 million³.
- Kentuckians with diabetes are more likely to have other chronic conditions and risks as shown below.

Diabetes Status and Co-existing Condition or Risk

2017 Kentucky Behavioral Risk Factor Survey

Diabetes Diagnosis	No Leisure Time Activity	Obese	Smoking	Hypertension	High Cholesterol	Coronary Heart Disease	All Natural Teeth Extracted	Depression	Arthritis	Asthma
Yes	49.2%	56.1%	22.8%	77.8%	66.5%	17.9%*	30.7%	34.8%	58.9%	18.5%
No	32.3%	30.9%	24.0%*	33.6%	33.1%	4.5%*	19.0%	22.7%	28.4%	9.6%

*Measures noted in green ink indicate the value is an improvement for that measure from previous data available from the same source.

Diabetes is COSTLY in Kentucky

- ◆ Nationally, people with diabetes have costs 2.3 times higher than in its absence⁴.
- ◆ Diabetes has the 3rd highest average cost for individual KY hospitalizations for common chronic diseases at \$35,493 (2017)³.
- ◆ 3rd highest overall cost of several common chronic diseases in the KY Medicaid population (2017).
- ◆ Diabetes is one of the most costly chronic conditions for both active employees and early retirees in the Kentucky Employees' Health Plan (KEHP) population, at almost \$174 million in combined medical and prescription drug costs in 2017³.
- ◆ Diabetes costs KY \$5.16 billion in total medical costs, lost work and wages (2017)⁴.

Diabetes is MANAGEABLE and in Many Cases PREVENTABLE

- ◆ Structured lifestyle change programs such as the National Diabetes Prevention Program have been proven to prevent or delay type 2 diabetes in adults with prediabetes or at high risk for the disease.
- ◆ Much of diabetes-related sickness and death can be prevented, delayed or reduced.
- ◆ Quality care from health care teams including aggressive treatment to manage A1C, blood pressure and cholesterol and promote smoking cessation is critical to reduce risks for diabetes-related complications.
- ◆ Diabetes self-management education and support, appropriate self-care and other risk reduction and behavior change strategies are also critical to achieve diabetes control and avoid complications.

The tables below show gaps that exist between current and desired clinical and self-care practices.

Reported Diabetes Care Practice Rates Among Adults with Diabetes						
Kentucky Behavioral Risk Factor Survey – 2014 and 2016 Data Not Collected for These Indicators						
Indicator	2011	2012	2013	2015	2017	2015
Within past year unless otherwise noted	Kentucky ¹	Kentucky ¹	Kentucky ¹	Kentucky ¹	Kentucky ¹	U.S. ⁵
Taken a diabetes self-management course	47.3%	49.0%	49.6%	48.0%	46.0%	54.8%*
A1C test checked \geq 1 time	84.0%	80.8%	89.2%	90.4%	94.5%*	NA
A1C test checked \geq 2 times	74.4%	73.4%	74.5%	74.1%	80.2%*	74.9%
Retinal or dilated eye exam	65.7%	61.0%	65.2%	67.3%	66.5%	70.1%*
Professional foot exam	64.7%	67.2%	72.1%	72.4%	75.9%*	75.7%*
Flu shot	61.2%	56.3%	58.3%	59.8%	56.4%	57.1%*
Pneumonia shot ever	61.4%	57.4%	62.1%	61.4%	67.4%*	64.7%*
Self-foot exam daily	68.3%	63.6%	67.9%	63.5%	64.0%*	60.4%
Self-blood glucose monitoring daily	68.9%	63.3%	69.7%	62.8%	62.0%	62.1%
Seeing a health professional for diabetes \geq 1 time	87.6%	84.7%	88.8%	88.4%	92.0%	89.3%

*Measures noted in green ink indicate the value is an improvement for that measure from previous data available from the same source.

2016, 2017 and 2018 Laboratory or Clinical Rates for Kentucky Adults with Diabetes				
Statewide Data Not Available but Below Are Various Population Subsets from Listed Available Reports				
Indicator	2017 Consolidated Measurement Report, Kentucky State Aggregate Report ⁶	Federally Qualified Health Center Data Report for Kentucky ⁷	2019 Kentucky Diabetes Report ³ Kentucky Medicaid Managed Care HEDIS Scores 2018	2018 HEDIS National Medicaid Benchmark (50 th Percentile) ³
Within the past year				
A1C test checked \geq 1 time	85%	Not Available	86.93%*	87.83%
A1C poor control > 9%	55%	27.74%*	47.18%	38.08%
A1C control < 8%	Not Available	59.17	43.22%	51.40%
A1C control < 7%	12%	Not Available	31.75%	35.07%
Blood pressure control < 140/90 mm/Hg	Not Available	Not Available	57.34%	63.26%

*Measures noted in green ink indicate the value is an improvement for that measure from previous data available from the same source.

For more statistics and information, see the latest *Kentucky Diabetes Report* and the *Diabetes Education Services Scorecard for Kentucky* at <https://chfs.ky.gov/agencies/dph/dpqi/cdpb/Pages/diabetes.aspx>.

Data References

1. Kentucky Department for Public Health and CDC. Kentucky Behavioral Risk Factor Survey Data. 2000, 2011, 2012, 2013, 2015 and 2017.
2. Centers for Disease Control and Prevention (CDC). National Diabetes Statistics Report, 2017. <https://www.cdc.gov/diabetes/data/statistics/statistics-report.html>
3. Kentucky Department for Public Health. 2019 Kentucky Diabetes Report.
4. American Diabetes Association. *Economic Costs of Diabetes in the U.S. in 2017*. Diabetes Care 2018; 41: 917-928.
5. CDC, Preventive Care Practices, 2015. <https://gis.cdc.gov/grasp/diabetes/DiabetesAtlas.html> (Latest national data accessible at this time.)
6. Kentuckiana Health Collaborative. *2017 Consolidated Measurement Report for Kentucky*. Aggregated 2016 claims data for Aetna, Anthem, Humana, WellCare and Passport
7. Human Resources and Services Administration. 2017 Health Center Data. <https://bphc.hrsa.gov/uds/datacenter.aspx?q=d&year=2017&state=KY#glis>



DIABETES IN KENTUCKY

A Public Health Epidemic - 2020

Diabetes

1 in 7 or 474,500 (13.7%) adults have diagnosed diabetes

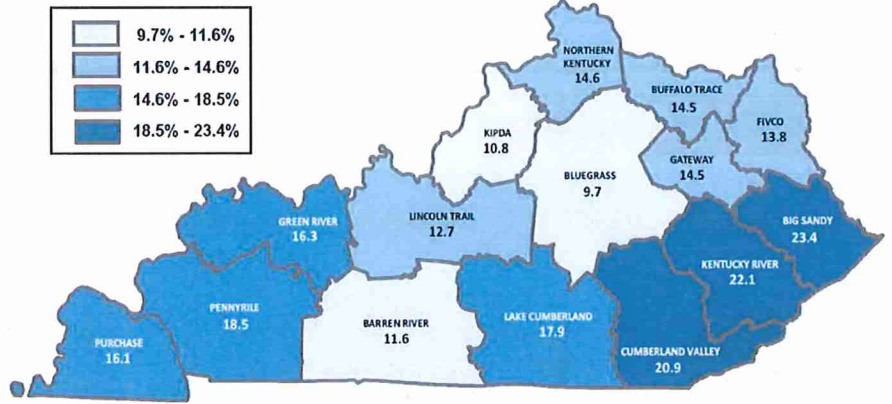


158,200 adults are estimated to have diabetes but are undiagnosed

632,700 with diagnosed and undiagnosed diabetes
1 of 4 don't know it

Prevalence of Diagnosed Diabetes by Kentucky Regions

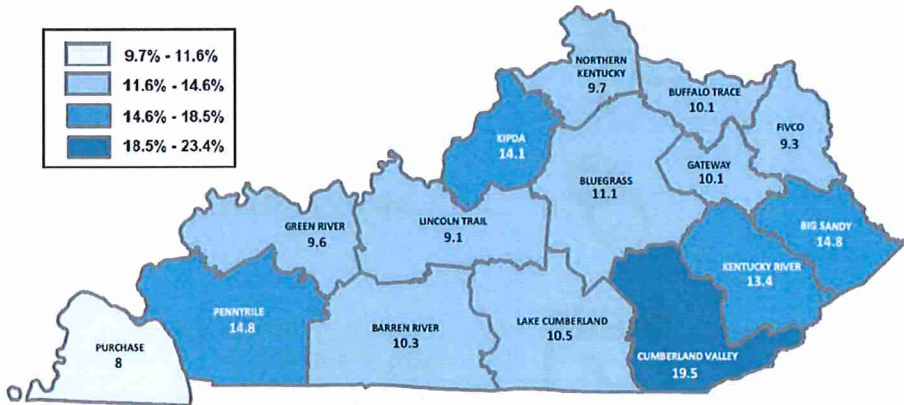
2018 Kentucky Behavioral Risk Factor Surveillance Survey



Statewide Prevalence: 13.7%
Nationwide Median: 10.9%

Prevalence of Diagnosed Prediabetes by Kentucky Regions

2018 Kentucky Behavioral Risk Factor Surveillance Survey



Statewide Prevalence: 11.8%

Prediabetes

1 in 9 or 331,335 (11.8%) adults have diagnosed prediabetes



812,000 adults are estimated to have prediabetes but are undiagnosed

1.1 million (1 in 3) with diagnosed and undiagnosed prediabetes
7 of 10 don't know it

Cost



\$5.16 BILLION

Total medical costs and lost work and wages for people with diagnosed diabetes in Kentucky

Higher risk of serious and costly complications



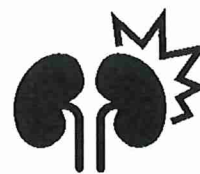
Heart Disease



Stroke



Loss of Toes, Feet or Legs



Kidney Disease



Blindness

Risk Factors for Type 2 Diabetes



Overweight



45 and Older



Physically Inactive



Prediabetes



Family History

What Can You Do?

You can **PREVENT** or **DELAY** type 2 diabetes



Find out if you have prediabetes – See your health care provider to get your blood sugar tested



Attend a National Diabetes Prevention Program (DPP)



Make healthy food choices



Be more active



Lose weight if needed

Learn more at www.cdc.gov/diabetes/prevention or speak with your doctor

You can **MANAGE** diabetes and reduce risk for complications



Attend a self-management education and support program



Plan meals and make healthy food choices



Stay active



Take your medications



Monitor your blood sugar and other recommended care



Quit smoking

Learn more at <https://www.cdc.gov/diabetes/ndep> or speak

To find diabetes prevention or self-management education and support programs in your area, look on the Kentucky Diabetes Resource Directory at <https://prdweb.chfs.ky.gov/KYDiabetesResources/>

REFERENCES

Kentucky Department for Public Health. Kentucky Behavioral Risk Factor Surveillance Survey Data 2018.
Centers for Disease Control and Prevention (CDC). [National Diabetes Statistics Report, 2017](#).
American Diabetes Association. [Economic Costs of Diabetes in the U.S. in 2017](#). Diabetes Care 2018; 41: 917-928.



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February 25, 2020

Lake Cumberland District Board of Health
500 Bourne Avenue
Somerset, Ky 42501

Re: Proxy, Lake Cumberland District Board of Health Meeting- February 27,
2020

To Whom It May Concern,

I am unable to attend the Lake Cumberland District Board of Health meeting on
February 27, 2020. I would like to name Dr. Garth Bobrowski as my proxy.

Sincerely,

A handwritten signature in black ink, appearing to read "John H. Frank".

John H. Frank
Green County Judge/Executive

JHF/and