Lexington's Employment Trends

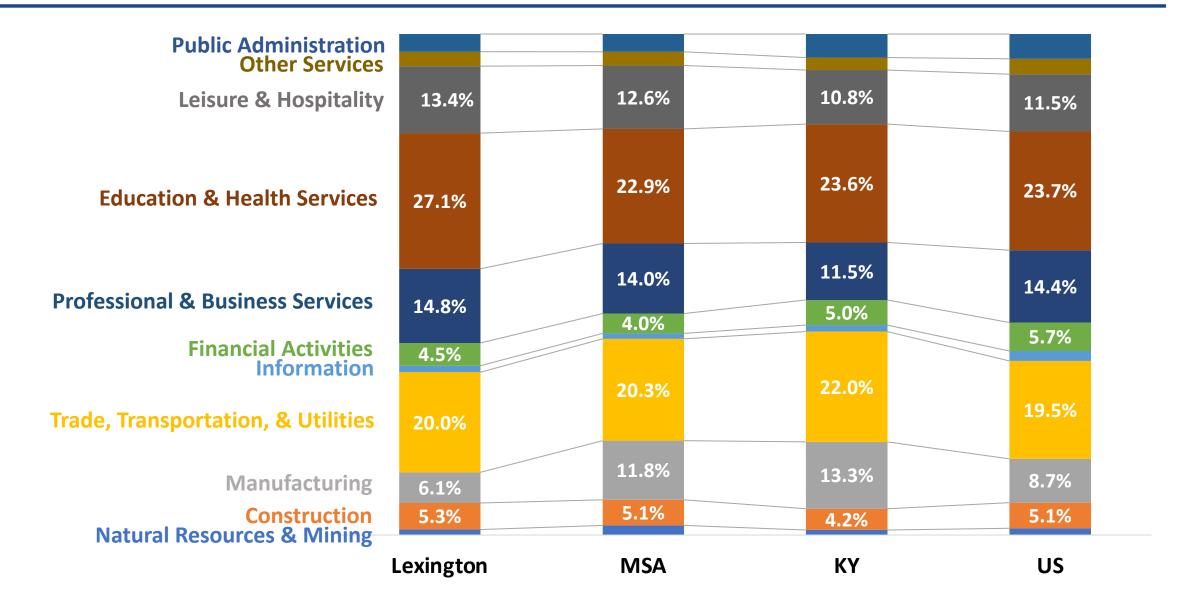
Economic Development Investment Board November 15, 2022

Michael W. Clark, Ph.D.
Associate Professor of Economics
Director, Center for Business and Economic Research
michael.clark@uky.edu
859 257 6226

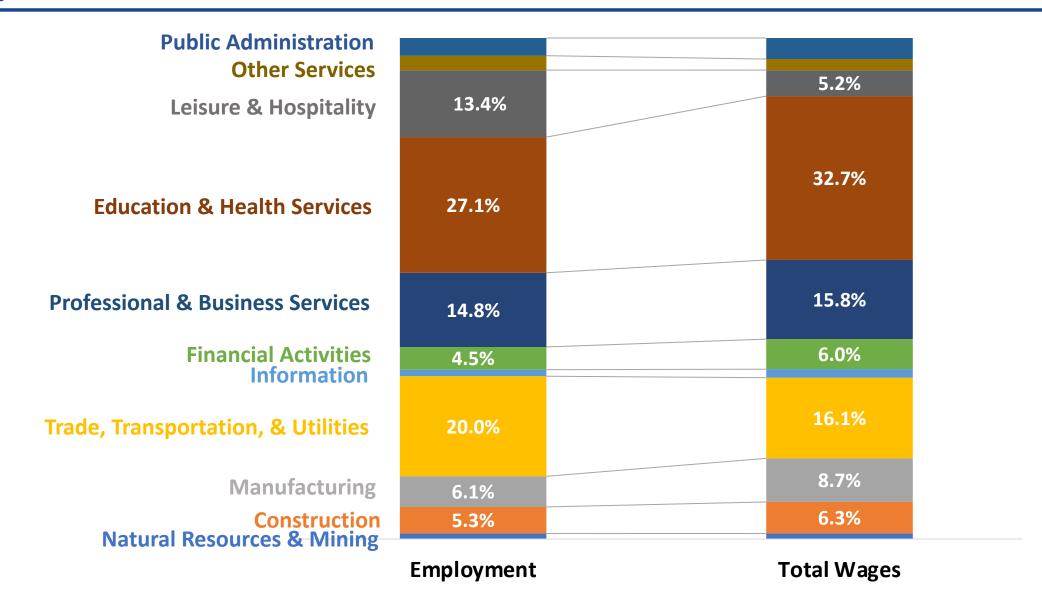


Pre-Pandemic Trends

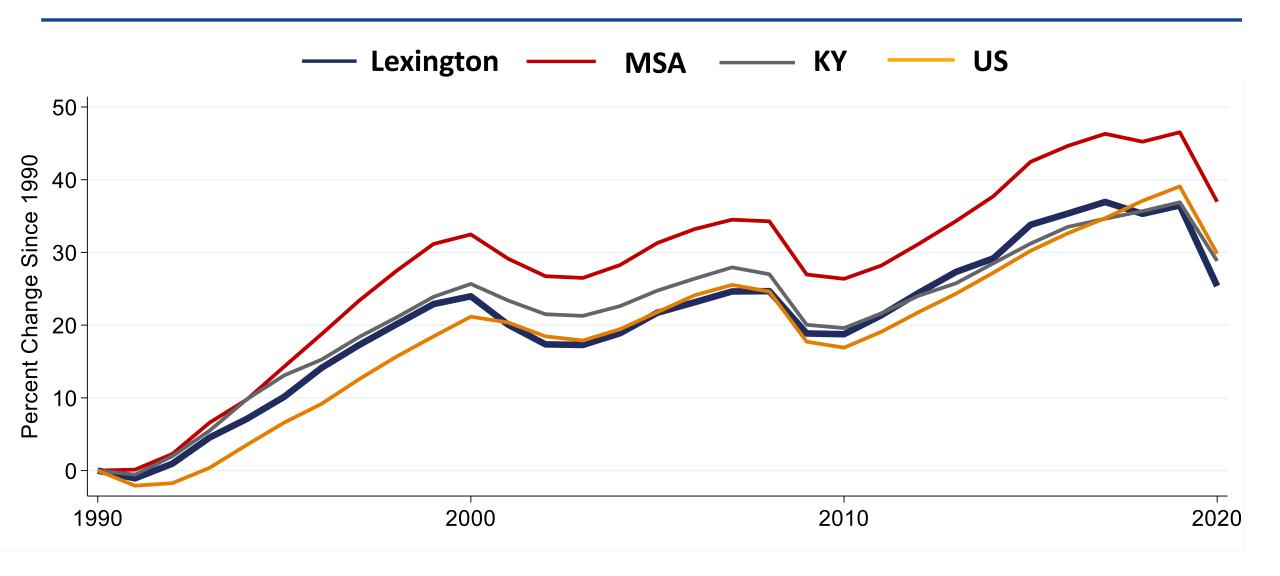
Distribution of Employment 2019



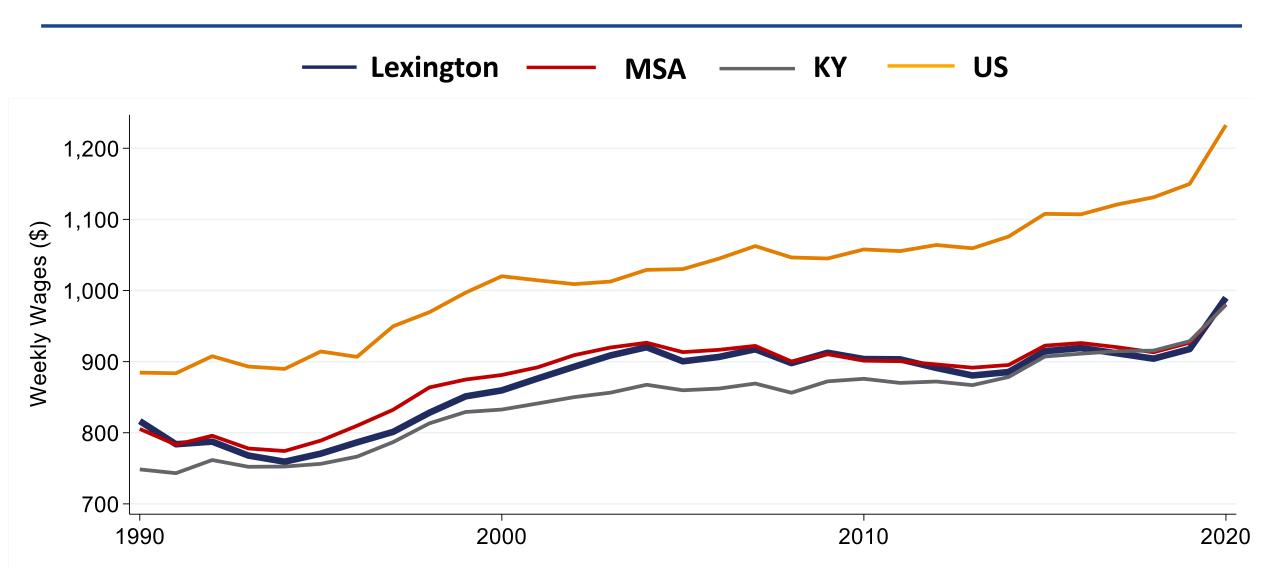
Distribution of Employment & Wages Lexington 2019



Employment, All Sectors



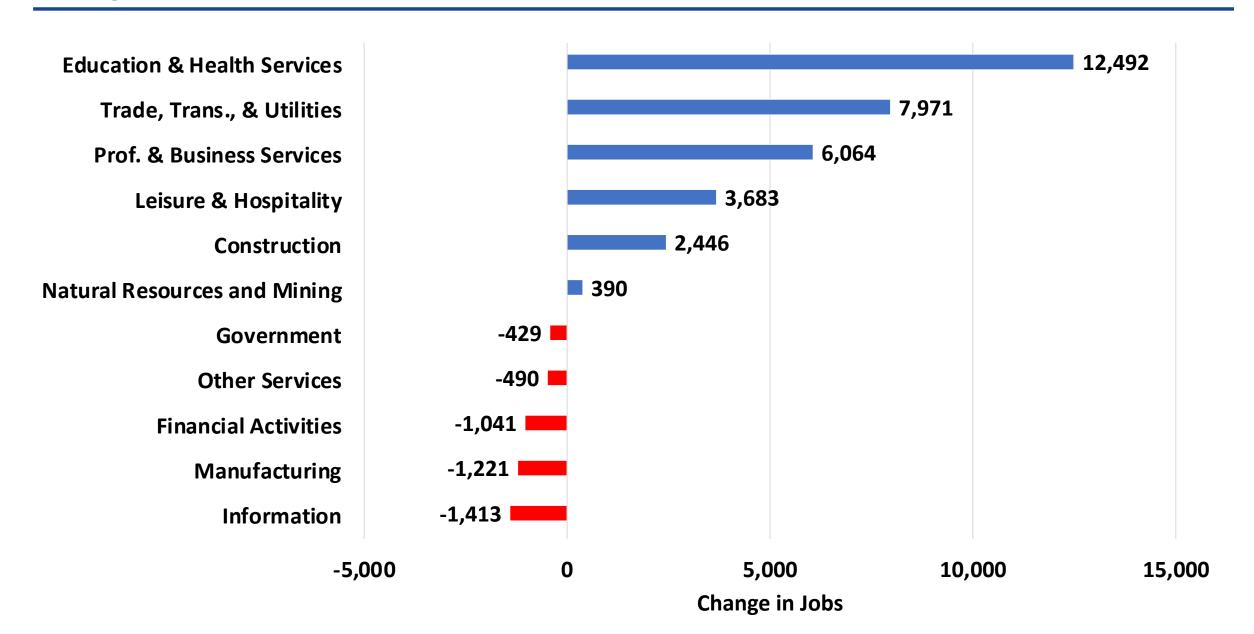
Average Weekly Wages, All Sectors



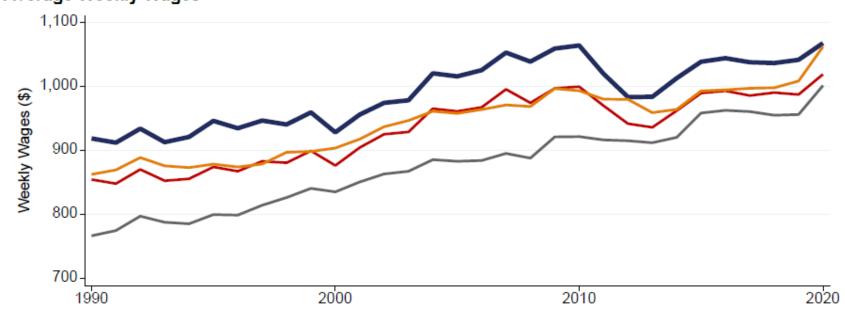
Annual Average Growth Rates

	Average Weekly Wage				Employment			
Period	Lexington	MSA	KY	US	Lexington	MSA	KY	US
1990-1995	-0.9	-0.3	0.2	0.6	1.7	2.5	2.4	1.2
1996-2000	1.8	1.9	1.7	1.9	2.2	2.8	2.0	2.3
2001-2005	1.2	0.9	0.8	0.3	-0.3	-0.1	0.0	0.3
2006-2010	0.1	-0.1	0.4	0.6	0.3	-0.1	-0.5	-0.5
2011-2015	0.5	0.7	0.6	0.8	2.0	2.0	1.4	1.6
2015-2019	0.2	0.2	0.5	0.9	0.7	0.8	0.8	1.5
2019-2020	7.0	5.4	5.1	6.7	-6.6	-5.5	-5.5	-5.8

Change in Employment from 1990 to 2020 Lexington







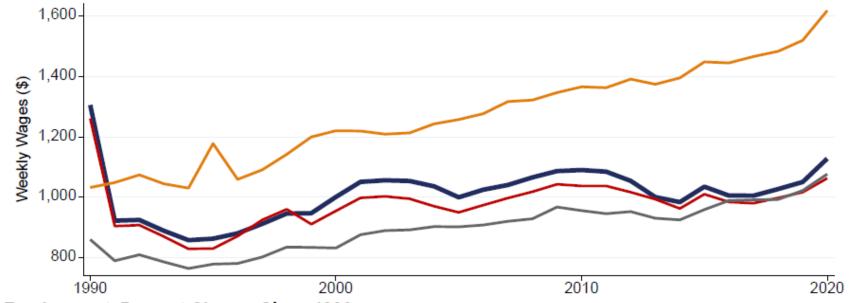
	Average Weekly Wage			
Period	Lexington	MSA	KY	US
1990-1995	0.8	0.4	0.3	0.2
1996-2000	0.2	0.4	0.2	0.6
2001-2005	2.1	2.2	1.3	0.9
2006-2010	0.2	0.2	0.9	0.8
2011-2015	0.7	0.7	0.7	0.1
2015-2019	0.8	0.6	0.0	0.6
2019-2020	2.6	3.1	4.2	5.3

Emp	oloyme	nt, Percent Change Since 1990		
	150-			
Percent Change Since 1990	100-			
Percent Cha	50-			200
	1990	2000	2010	2020

	Employment			
Period	Lexington	MSA	KY	US
1990-1995	-1.8	-0.9	3.9	2.6
1996-2000	1.8	2.0	2.2	2.2
2001-2005	6.5	6.0	2.2	2.3
2006-2010	2.3	2.2	1.5	1.8
2011-2015	2.5	2.6	0.5	1.5
2015-2019	1.4	1.5	1.0	1.7
2019-2020	-1.2	-2.1	-3.9	-3.7

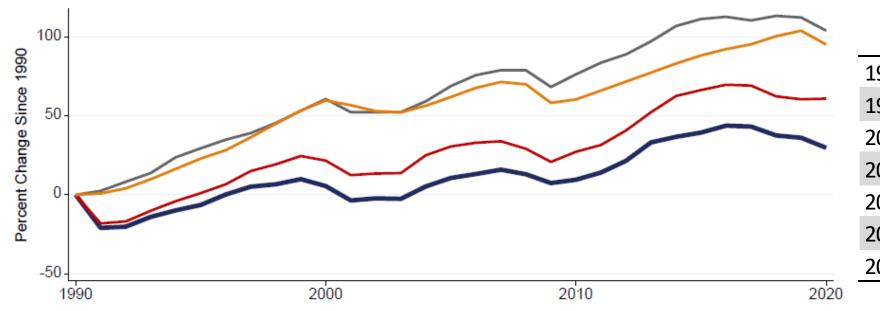






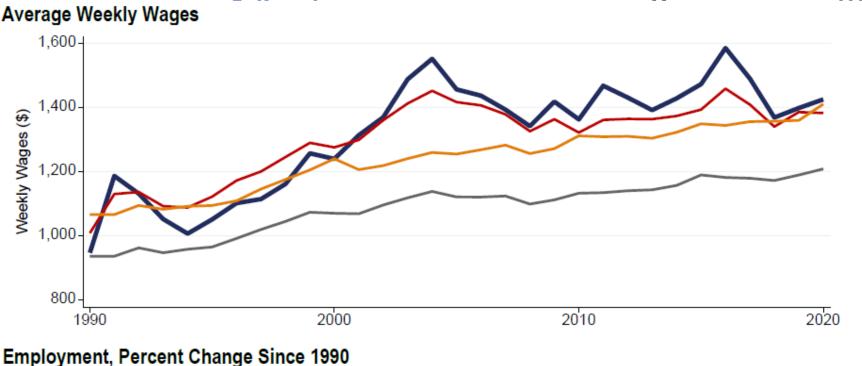
	Average Weekly Wage			
Period	Lexington	MSA	KY	US
1990-1995	-7.9	-8.0	-2.0	2.6
1996-2000	3.0	2.8	1.3	0.7
2001-2005	0.0	-0.1	1.6	0.6
2006-2010	1.7	1.8	1.2	1.6
2011-2015	-1.0	-0.5	0.0	1.2
2015-2019	0.4	0.2	1.6	1.2
2019-2020	7.4	4.5	5.3	6.5

Employment ,	Percent Ch	nange Since	1990
---------------------	------------	-------------	------



	Employment			
Period	Lexington	MSA	KY	US
1990-1995	-1.3	0.2	5.2	4.2
1996-2000	2.4	3.8	4.4	5.3
2001-2005	1.0	1.5	1.0	0.3
2006-2010	-0.2	-0.5	0.9	-0.2
2011-2015	4.9	5.5	3.6	3.2
2015-2019	-0.6	-0.9	0.1	2.0
2019-2020	-4.7	0.2	-3.9	-4.3



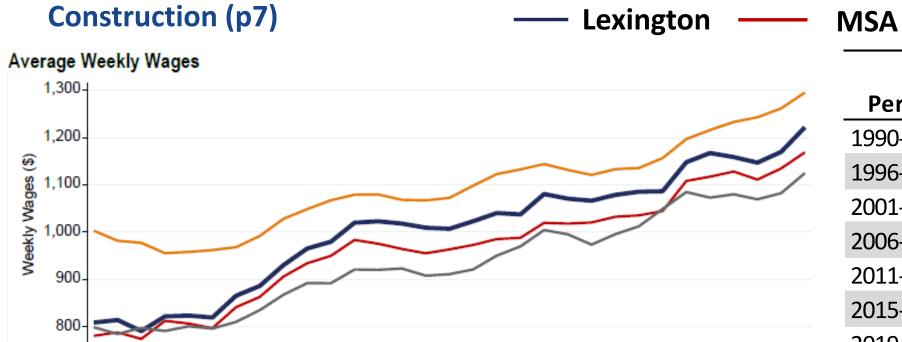


Manufacturing (p11)

	Average Weekly Wage			
Period	Lexington	MSA	KY	US
1990-1995	2.1	2.2	0.6	0.5
1996-2000	3.4	2.6	2.1	2.5
2001-2005	3.3	2.1	0.9	0.2
2006-2010	-1.3	-1.4	0.2	0.9
2011-2015	1.6	1.1	1.0	0.6
2015-2019	-1.3	-0.1	0.0	0.2
2019-2020	1.9	-0.2	1.6	3.7

Employment, refeelt on	ange emee rees		
60-			
066 40-			
Dercent Change Since 1990			
is 20-			
Chang			<u> </u>
Sent C			
2 -20-			
-40-			
1990	2000	2010	2020

	Employment			
Period	Lexington	MSA	KY	US
1990-1995	6.9	6.7	2.2	-0.7
1996-2000	1.2	2.6	0.7	0.1
2001-2005	-3.9	-3.4	-3.3	-3.9
2006-2010	-2.3	-3.4	-4.4	-4.1
2011-2015	-1.1	0.9	2.9	1.4
2015-2019	-1.5	-0.4	1.1	1.0
2019-2020	-7.2	-6.3	-6.8	-5.5



2010

2000

1990

	Average Weekly Wage			
Period	Lexington	MSA	KY	US
1990-1995	0.3	0.4	-0.1	-0.8
1996-2000	3.6	3.6	2.3	2.1
2001-2005	0.6	0.3	0.4	0.1
2006-2010	1.2	1.1	1.8	1.1
2011-2015	1.4	1.7	1.7	1.1
2015-2019	0.5	0.6	-0.1	1.3

4.4

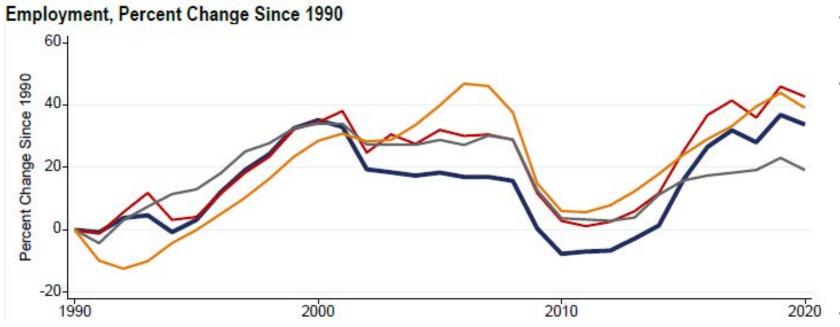
3.9

2.6

3.0

2019-2020

2020



	Employment			
Period	Lexington	MSA	KY	US
1990-1995	0.6	0.8	2.5	0.0
1996-2000	5.5	5.2	3.5	5.0
2001-2005	-2.6	-0.4	-0.8	1.8
2006-2010	-4.8	-4.9	-4.2	-5.3
2011-2015	4.7	4.0	2.2	3.1
2015-2019	4.2	3.9	1.5	3.7
2019-2020	-2.3	-2.2	-3.1	-3.3



ИSA	 KY	US
MSA	 KY	U:

Aver	age We	ekly Wages		
	1,000-			
Weekly Wages (\$)	900-			
Week	700-			
	1990	20'00	2010	2020

	Average Weekly Wage			
Period	Lexington	MSA	KY	US
1990-1995	0.4	0.6	0.7	-0.1
1996-2000	1.7	1.9	2.4	1.9
2001-2005	0.4	0.5	0.5	0.1
2006-2010	0.0	0.3	0.0	-0.1
2011-2015	0.8	0.6	0.6	0.8
2015-2019	0.1	0.1	0.9	0.7
2019-2020	7.4	6.4	4.7	4.9

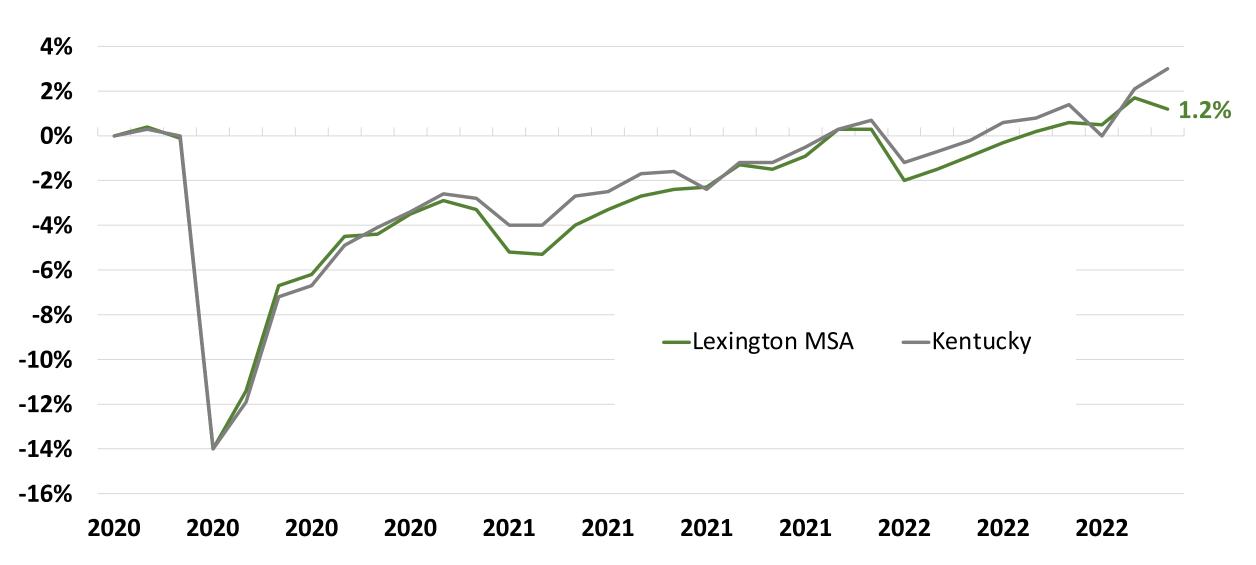
Employment, Percent	Change Since 1990		_
Solution Since 1990			
1990	2000	2010	2020

	Employment			
Period	Lexington	MSA	KY	US
1990-1995	2.6	2.8	2.0	0.7
1996-2000	2.7	3.2	2.3	2.0
2001-2005	-1.0	-0.6	-0.7	-0.2
2006-2010	-1.0	-0.5	-0.9	-1.0
2011-2015	2.4	2.0	1.3	1.6
2015-2019	0.8	1.3	1.1	0.8
2019-2020	-5.8	-3.9	-2.1	-3.7

Pandemic & Post-Pandemic Trends

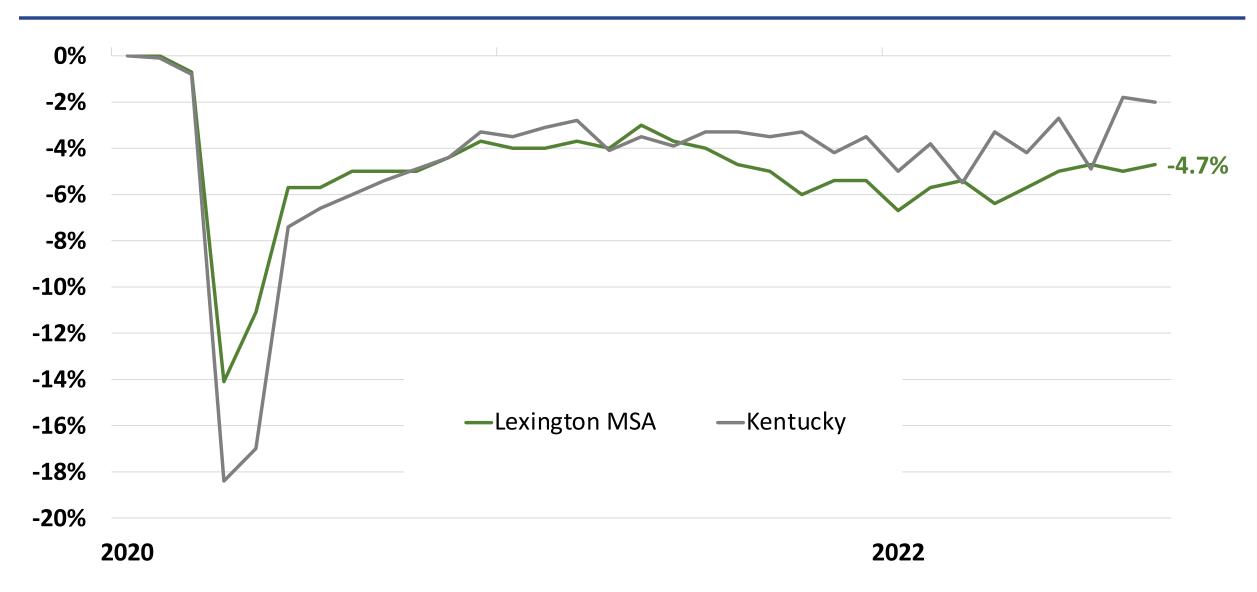
- Data focuses on Lexington MSA rather than Lexington
- Industries are defined slightly differently

Total Nonfarm Employment Percent Change from January 2020



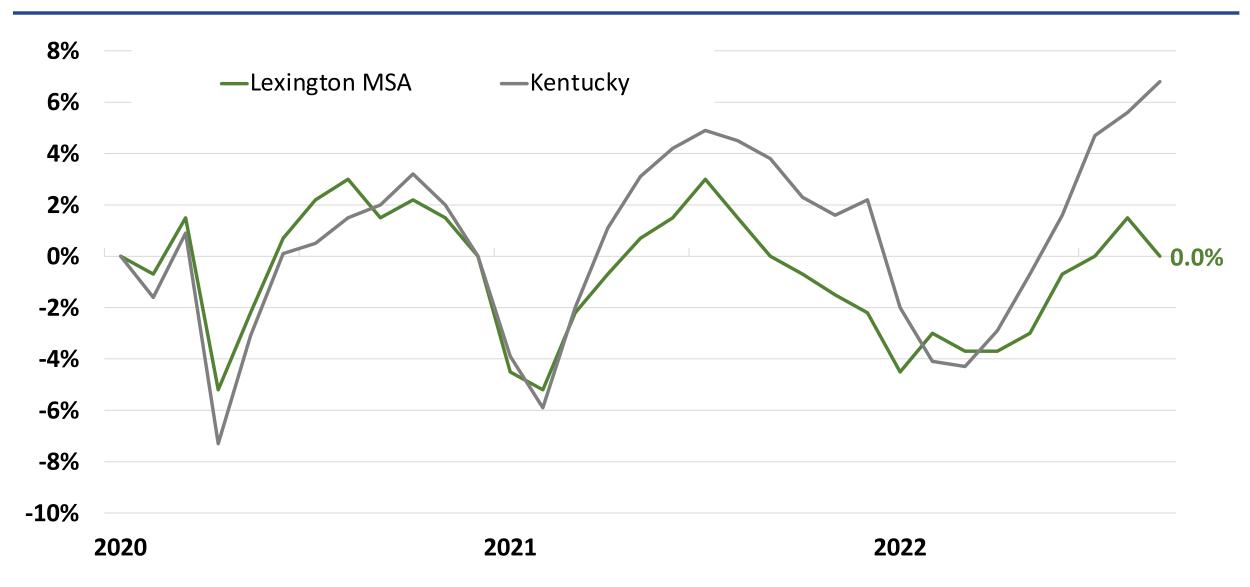
Source: US Bureau of Labor Statistics. Current Employment Statistics. Not Seasonally Adjusted.

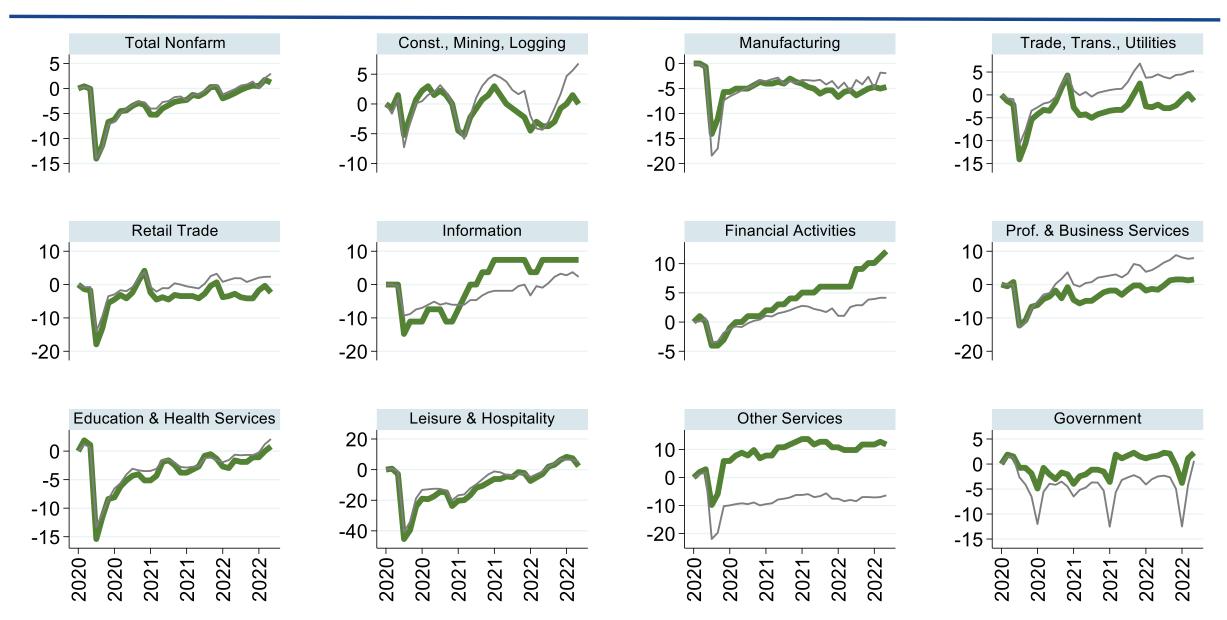
Manufacturing Employment Percent Change from January 2010



Source: US Bureau of Labor Statistics. Current Employment Statistics. Not Seasonally Adjusted.

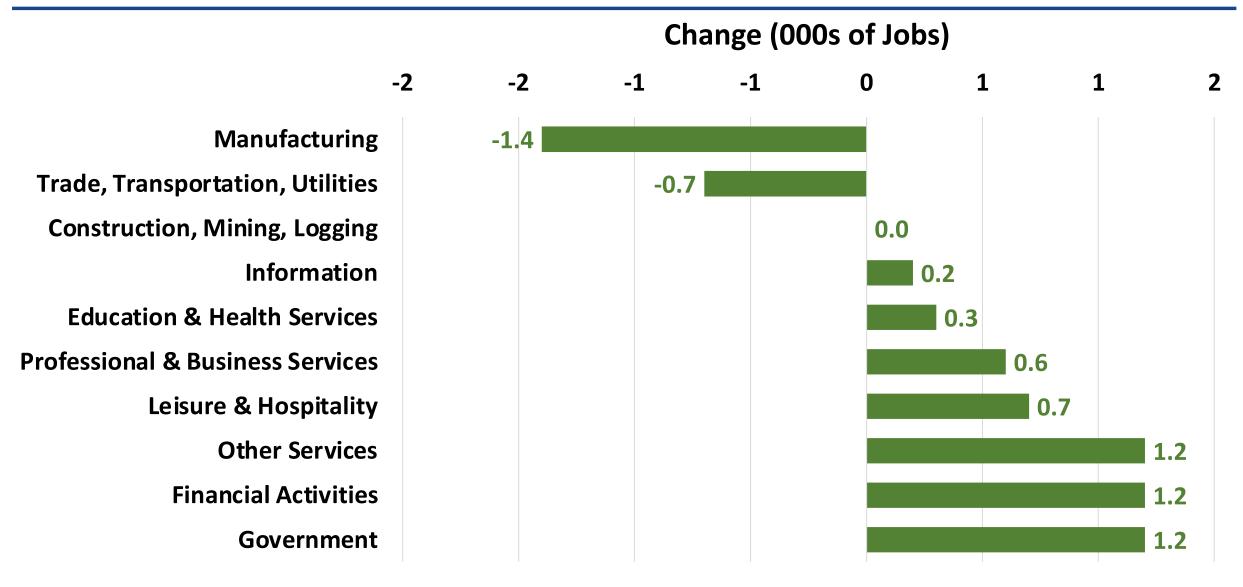
Construction, Mining, and Logging Employment Percent Change from January 2010





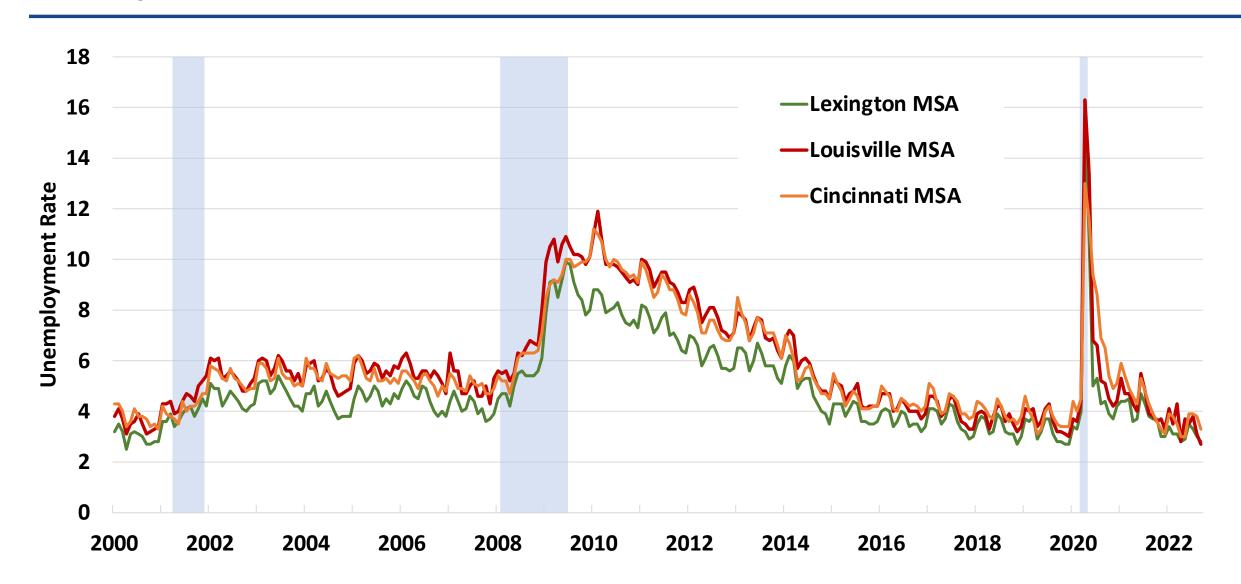
Source: US Bureau of Labor Statistics. Current Employment Statistics. Data are not seasonally adjusted.

Employment Change, Lexington MSA January 2020 to September 2022

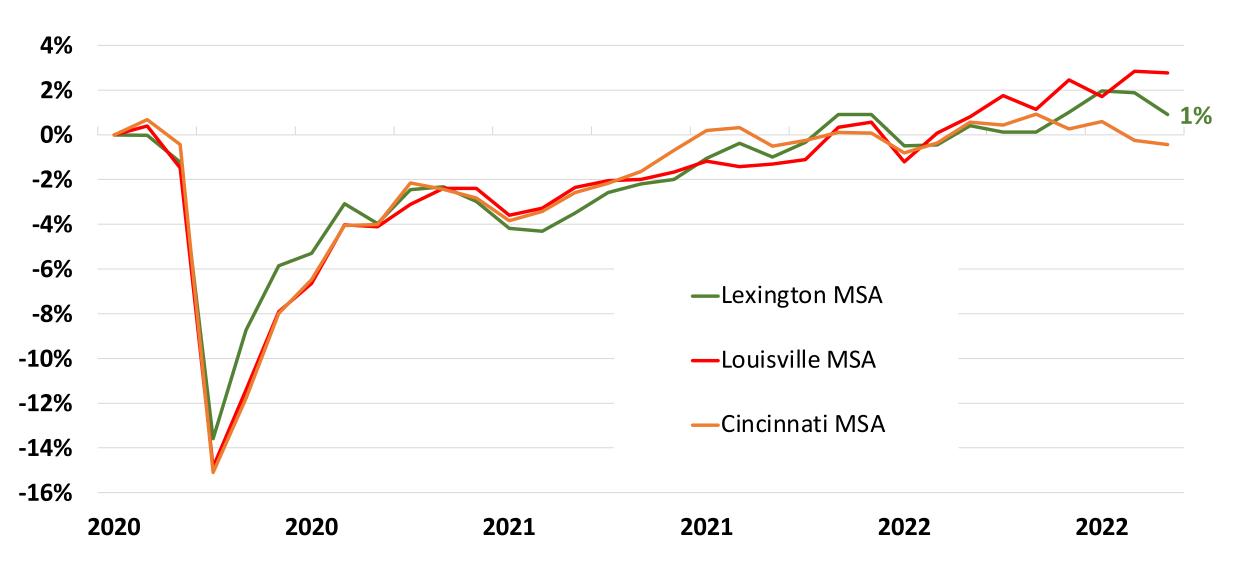


Source: US Bureau of Labor Statistics. Current Employment Statistics. Not seasonally Adjusted.

Unemployment Rates Metropolitan Areas

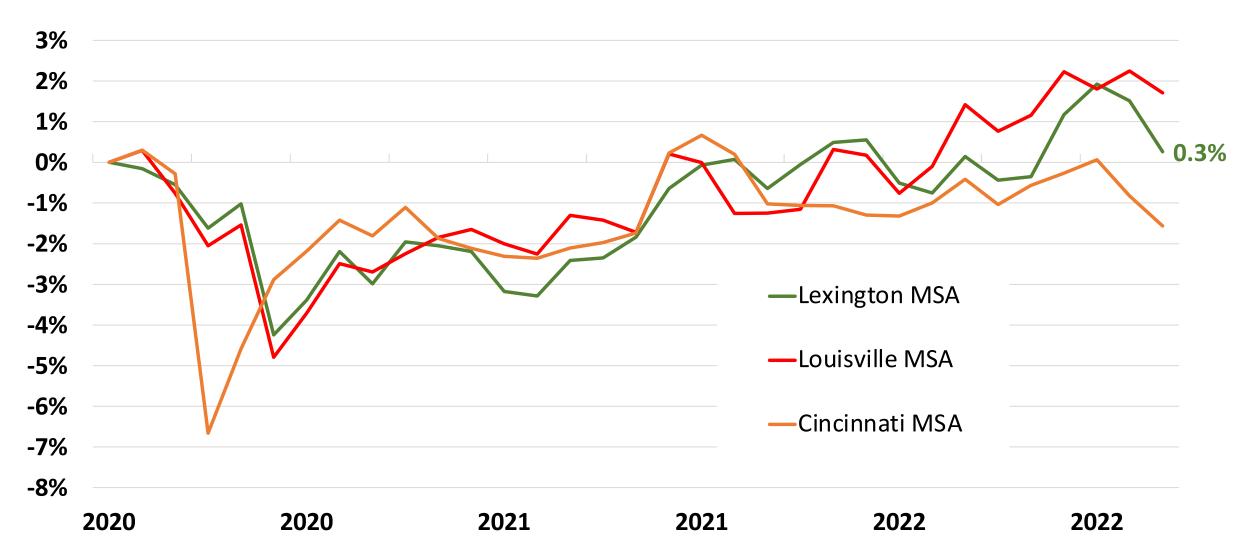


Number of People Employed MSAs Percent Change from January 2020



Source: US Bureau of Labor Statistics. Current Employment Statistics. Not Seasonally Adjusted.

Number of People in Labor Force MSAs Percent Change from January 2020



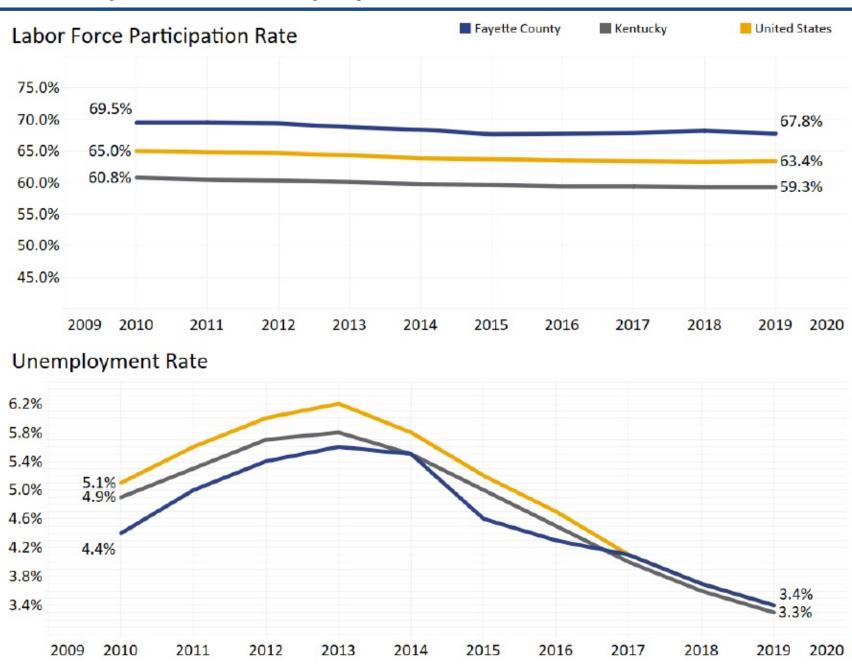
Source: US Bureau of Labor Statistics. Current Employment Statistics. Not Seasonally Adjusted.



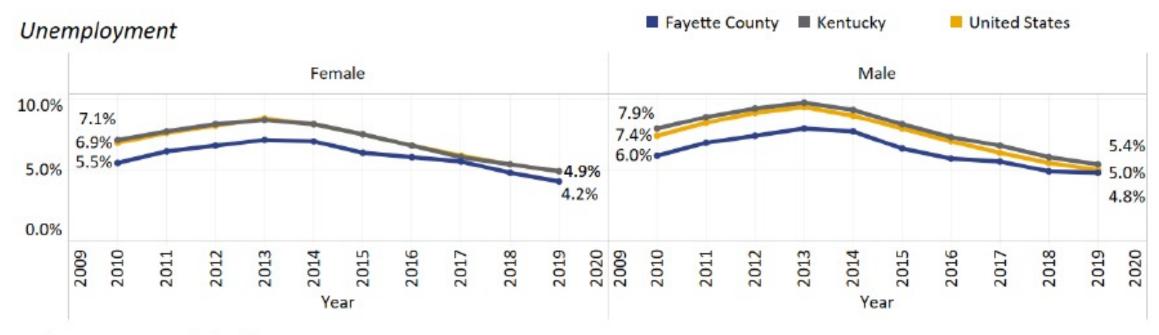
Center for Business and Economic Research

http://cber.uky.edu/

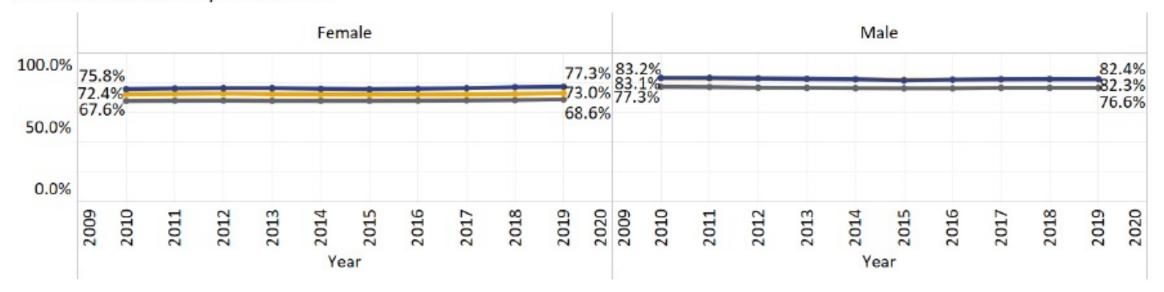
Labor Force Participation & Unemployment Rates



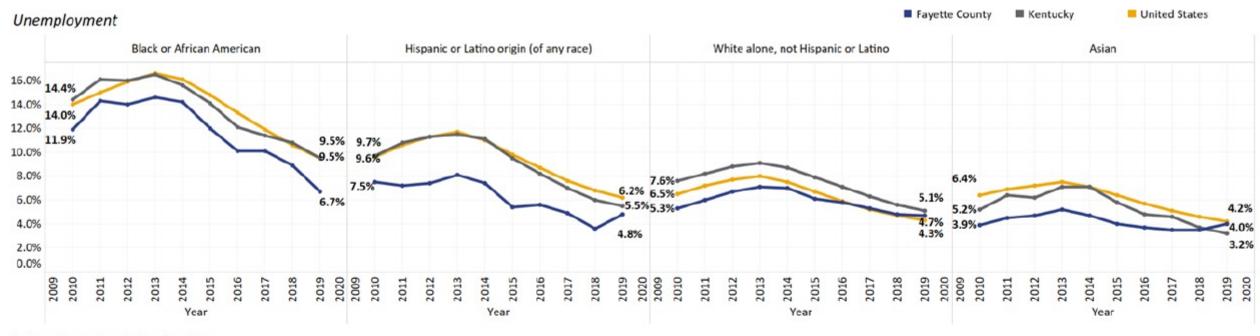
Labor Force Participation & Unemployment Rates: By Gender



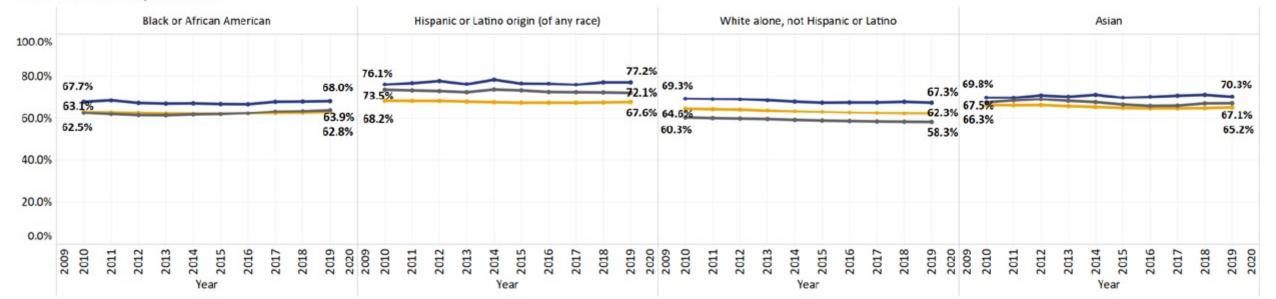
Labor Force Participation Rate



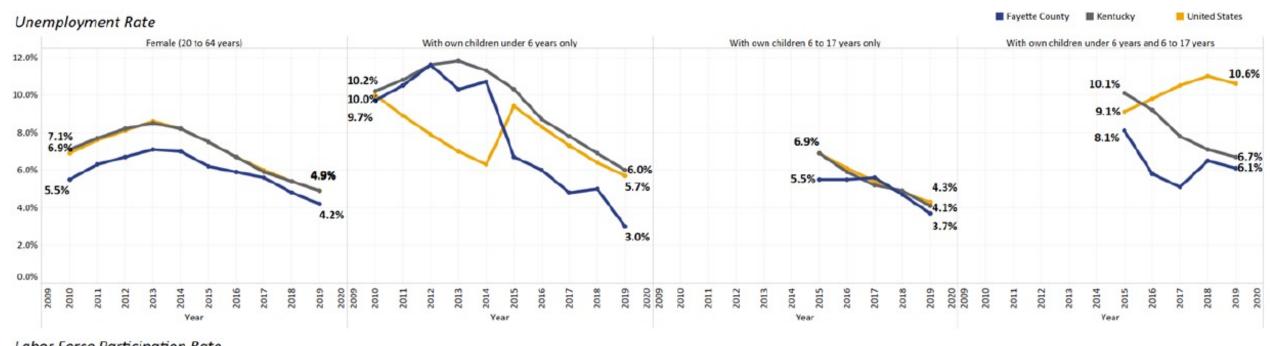
Labor Force Participation & Unemployment Rates: By Race/Ethnicity



Labor Force Participation Rate



Labor Force Participation & Unemployment Rates: Females by Age of Children



Labor Force Participation Rate

