County Economic Profile Desk Aid

1. Annual Employment Percent by Industry

a. Select from Box 1 and select from Box 2 to compare Annual Employment Percent by Industry in your county to Ohio. You're able to compare your county to any other county, just make a different selection from one of the Boxes.

ea) Morgan) Morrow) Muskingum) Noble) Ohio) Ottawa) Paulding) Perry	1			Area Adams Allen Ashland Ashtabula Athens Auglaize Belmont Brown	2		
Dhio				Ashland			
idustry F	2010	2019	2020	Industry -	2010	2019	2020
ealth Care and Social Assistance	16.60%	16.70%	16.69%	Manufacturing	19.40%	21.90%	20.76%
lanufacturing	13.70%	13.90%	13.22%	Health Care and Social Assistance	16.00%	14.60%	14.04%
etail Trade	11.30%	9.90%	10.17%	Educational Services	13.90%	11.70%	11.43%
ducational Services	9.20%	8.60%	8.59%	Retail Trade	11.50%	10.80%	11.23%
ccommodation and Food Services	7.80%	8.00%	8.11%	Professional, Scientific, and Technical Service	s 5.90%	8.00%	7.78%
rofessional, Scientific, and Technical Services	5.10%	5.30%	5.23%	Accommodation and Food Services	6.60%	6.90%	7.15%
/holesale Trade	4.70%	4.60%	4.44%	Construction	3.70%	5.40%	5.61%
inance and Insurance	4.50%	4.60%	4.36%	Wholesale Trade	4.20%	3.90%	4.09%
ransportation and Warehousing	3.50%	4.20%	4.60%	Public Administration	3.90%	3.00%	3.00%
onstruction	3.50%	4.30%	4.49%	Transportation and Warehousing	3.60%	2.90%	2.79%
ublic Administration	3.80%	3.30%	3.12%	Other Services (except Public Administration)	3.50%	2.90%	2.66%
dministrative and Support Services	4.90%	5.20%		Administrative and Support Services	2.00%	2.70%	
ther Services (except Public Administration)	3.10%	2.90%	2.84%	Finance and Insurance	1.70%	1.50%	1.32%
dministrative and Support and Waste Manage	L.		5.88%	Administrative and Support and Waste Manag	e		3.75%
lanagement of Companies	2.60%	3.00%		Information	1.40%	1.10%	1.13%
Iformation	2.00%	1.70%	1.56%	Agriculture, Forestry, Fishing and Hunting	0.80%	1.10%	1.20%
rts, Entertainment, and Recreation	1.30%	1.50%	1.51%	Arts, Entertainment, and Recreation	0.70%	0.70%	0.95%
eal Estate and Rental and Leasing	1.20%	1.20%	1.21%	Real Estate and Rental and Leasing	0.70%	0.50%	0.58%
lanagement of Companies and Enterprises			2.92%	Management of Companies		0.30%	
Itilities	0.70%	0.60%	0.56%	Utilities	0.30%		

Source: U.S. Census Bureau, Quarterly Workforce Indicators, excludes federal government. *Data non-disclosable as it does not meet U.S. Census Bureau publication standards. Columns may not sum to 100 percent due to both U.S. Census Bureau methodology and the effects of rounding. The difference between summed percentages (<100%) and 100 is not the employment share of the non-disclosed industry.

2. Employment and Monthly Wage Trends & Percent of Employment in Firms

a. Select for Employment Trends and Wage Trends (Box 1)

ame	• ·	Industry	Ashtabula
ams	County	Educational Services	Auglaize
ame C	ounty Employment Trends	Health Care and Social Assistan	ice Belmont
	ounty Employment nends	Retail Trade	O Brown
			Butler
1K			Carroll
0 5K			
0.011			Clermont
0K	2004 2005 2006 2007 2008 2009 2010	2011 2012 2013 2014 2015 2016 2017 2018 2010	2020 2021 Clinton
4	2004 2005 2006 2007 2006 2009 2010	2011 2012 2013 2014 2013 2010 2017 2018 2019	Columbiana
ıms C	ounty Wage Trends		Cosnocton
			Cuyahoga
\$3,000			Darke
52.000			 Defiance
			Dolawaro
61 000			Delaware
,000			Erie
\$0	2004 2005 2006 2007 2000 2000 200	0 2044 2040 2040 2044 2045 2046 2047 2040 2040	Erie Fairfield
\$0_	2004 2005 2006 2007 2008 2009 201	0 2011 2012 2013 2014 2015 2016 2017 2018 2019	Crie Frie 2020 2021 Fairfield Fayette Franklin
\$0 rcent following ill firms), stry will 40.00% 20.00% 40% 20.00% 2	2004 2005 2006 2007 2008 2009 201 c of Employment in Firms g three graphs compare the percentage of employment ,50-499 employees (medium firms), and, 500+ employ have a greater impact on a county than when employ	0 2011 2012 2013 2014 2015 2016 2017 2018 2019 It in firm size between the county and Ohio. Tables comparing firms with 0- syees (large firms) are shown. When a large firm dominates an area, downt ment is dispersed among many small or mid-size firms.	49 employees urns in that 49 employees 49 employees urns in that 49 employees 49 employees 49 Adams Allen Allen Ashtabula Athens Auglaize Belmont Brown
\$0 FCENT following ill firms), stry will 40.00% 20.00% 40% 20% 10%	2004 2005 2006 2007 2008 2009 201 contemployment in Firms phree graphs compare the percentage of employment 50-499 employees (medium firms), and, 500+ employ have a greater impact on a county than when employ	0 2011 2012 2013 2014 2015 2016 2017 2018 2019 It in firm size between the county and Ohio. Tables comparing firms with 0- byees (large firms) are shown. When a large firm dominates an area, downt ment is dispersed among many small or mid-size firms.	49 employees urns in that 49 employees and the second
\$0 FCENT following ill firms), stry will 40.00% 20.00% 0.00% 40% 20% 10% 40%	2004 2005 2006 2007 2008 2009 201 contemployment in Firms three graphs compare the percentage of employment 50-499 employees (medium firms), and, 500+ employ have a greater impact on a county than when employ	0 2011 2012 2013 2014 2015 2016 2017 2018 2019 In firm size between the county and Ohio. Tables comparing firms with 0- byees (large firms) are shown. When a large firm dominates an area, downt ment is dispersed among many small or mid-size firms.	49 employees urns in that 49 employees and the second

- b. The three industries shown are the three industries with the greatest percentage of employment for that county based on the most current year of data.
- c. Hover over any point on any year to see a tooltip (Box 3) with the industry, year, and the data point.



- d. For the firm size visualizations (selection in Box 2), you see all the corresponding firm sizes for that year in the tool tip along with the year and industry.
 - i. For this visualization, you can make multiple selections as it is intended to compare your county to Ohio. You can add as many counties to the visualization as you want, but it may become difficult to see once you add several. You can check and uncheck any of the Boxes to add or remove them.

3. Online Job Postings

a. Both visualizations will change to the county you select in Box 1.

County

Adams

Allen Ashland 1

Online Job Postings

The following section provides a count of online job advertisements for the county. It is a snapshot of one aspect of the labor market and provides a look at labor demand by industry within the county.

Adams County



- b. The top visualization shows only the online job postings by industry in 2020. Job postings in 2020 were categorized into industries. Going forward, job postings will be categorized into functions.
- c. The Online Job Postings by Function visualization will be set to the county selected in Box 1. Change the year by making a selection in Box 2.
- d. Top Occupations, Skills, Certifications, and Employers.
 - i. Choose the year and the county on the right (Box 3).
 - ii. All the visualizations will change based on that selection



4. Industry Turnover Rates

- a. Use this visualization to compare industry turnover rates for each quarter in your county to Ohio's industry turnover rates.
- b. Choose the year (Box 1).
- c. Use the Area filter to add your county (Box 2). The visualization is set up to view one county and Ohio. You can make any selections you'd like by checking and unchecking boxes in this filter. You can add multiple counties, but more counties may make it difficult to view.

Industry Turnover Rates

The table below looks at industry turnover rates for Ohio and by county. Turnover rates are calculated from stable employment (employment that lasted one calendar quarter with the same employer) and are an indicator of job churn. Industries with high churn will have more openings to replace workers than industries with low churn. It should be noted that this calculation does not include short-term employment that lasts less than a full quarter.

î				ŀ	Area / Yea	ar / Quarter				
			Adaı	ns			Ohi	0		
			201	9			201	9		
	Industry	1	2	3	4	1	2	3	4	
	All NAICS Sectors	9.8%	9.6%	11.0%	10.9%	8.6%	8.1%	9.1%	10.2%	
	Accommodation and Food Services	18.1%	19.5%	20.3%	16.3%	16.5%	16.3%	17.3%	22.5%	
	Administrative and Support Services	18.6%	13.8%	27.2%	16.7%	17.2%	16.3%	20.0%	19.2%	
	Agriculture, Forestry, Fishing and Hunting					9.1%	10.7%	16.9%	8.6%	
	Arts, Entertainment, and Recreation			19.2%		11.7%	11.8%	24.1%	19.2%	
	Construction	16.1%	17.2%	32.7%	16.2%	7.8%	8.4%	14.6%	10.1%	
	Educational Services	5.0%	3.0%	1.9%	8.3%	6.9%	4.7%	3.3%	7.9%	
	Finance and Insurance	4.8%	4.8%	2.9%	3.5%	4.7%	4.6%	5.0%	4.9%	
	Health Care and Social Assistance	8.2%	8.7%	8.5%	10.5%	7.6%	7.9%	7.8%	9.3%	
	Information	12.5%		7.8%		6.5%	6.4%	7.1%	8.2%	
	Management of Companies and Enterprises					5.5%	5.5%	5.7%	5.6%	
	Manufacturing	10.3%	11.2%	10.2%	12.2%	5.6%	5.4%	5.3%	6.0%	
	Mining, Quarrying, and Oil and Gas Extraction		10.3%		7.9%	8.6%	8.7%	10.3%	8.7%	
	Other Services (except Public Administration)	10.3%	9.4%	12.1%	14.2%	8.8%	8.8%	9.5%	13.1%	
	Professional, Scientific, and Technical Services	9.2%	6.3%	10.7%	5.8%	7.7%	7.2%	7.5%	7.6%	
	Public Administration	4.8%	4.9%	5.4%	3.5%	3.5%	4.0%	5.3%	4.5%	
	Real Estate and Rental and Leasing		11.9%	8.6%		8.1%	8.3%	10.1%	9.7%	
	Retail Trade	12.9%	11.1%	11.2%	13.5%	11.1%	9.6%	10.5%	11.9%	
	Transportation and Warehousing	6.4%	11.6%	14.9%	14.3%	9.4%	7.8%	9.6%	10.8%	
	Utilities					3.2%	3.3%	3.6%	3.5%	
	Wholesale Trade	7.9%	9.5%	10.6%	10.1%	6.1%	6.1%	6.4%	6.6%	

Source: U.S. Census Bureau, Quarterly Workforce Indicators, All ownerships, except federal government *Data non-disclosable as it does not meet U.S. Census Bureau publication standards.

1

② 2019

2020

Adams
 Allen
 Ashland
 Ashtabula
 Ashtabula
 Athens
 Auglaize
 Belmont
 Brown
 Butler
 Carroll

Champaign Clark Clermont Clinton Columbiana Coshocton Crawford Cuyahoga Darke Defiance Delaware Erie Fairfield Fayette Franklin Fulton Gallia Geauga Greene Guernsey Hamilton Hancock Hardin Harrison Henry Highland Hocking

Holmes

Year

Area

5. High School Enrollment

a. Choose a county in Box 1.

High School Enrollment

The table below shows annual enrollment trends for high school seniors for public, private and charter schools by fiscal year, where FY 1 represents the school year 2018-2019. Enrollment is the count of students in October of the school year. School enrollment is important as it has implications for the workforce as well as the county's capacity to accommodate its students. Enrollment changes can be affected by boundary changes or redistricting. Also presented in the table is information regarding the number of OhioMeansJobs.com K-12 accounts that migrated to regular OMJ accounts.

Athens

Number of High School Seniors (12th Graders*)

Champaign Clark Clarmont	Fiscal Year	Public	Private*	Charter	Total**	OMJ K 12 Accts Migrate to Regular Acct***
Clermont Clinton Columbiana Coshocton	2014	466	0	0	466	
Crawford Cuyahoga Darke Defiance	2015	451	0	0	451	95
Delaware Erie Fairfield Fayette	2016	396	0	0	396	175
Franklin Fulton Gallia Geauga	2017	420	0	0	420	250
Greene Guernsey Hamilton	2018	426		0	426	363
Harlin Harrison Henry	2019	394		0	394	668
Highland Hocking Holmes Huron	2020	418		0	418	596
Jackson Jefferson	*Source: Ohio Depart **Does not include <1	tment of Education. All dat 10 estimate. If between 1	a that represents <10 students i and 10 students, the field will be	is masked to ensure student p blank	orivacy.	

*Does not include <10 estimate. If between 1 and 10 students, the field will be blank. Source: Monster Government Solutions.

- b. This visualization shows the number of high school seniors in public, private, and charter schools as well as the number of OhioMeansJobs.com K-12 accounts that migrated to regular OMJ accounts.
- c. If a space is blank, that means there are less than 10 students, and that exact number will not be shown. If there are no students at that type of school, it will display a zero.

County

Adams

Allen

 Athens Auglaize

Ashland Ashtabula

Belmont Brown

Butler Carroll

Knox

6. Local Area Talent Report

- a. Select the Year in **Box 1** and County in **Box 2**.
- b. All the visualizations will change according to those selections.

Local Area Talent Report

The tables and graphs below show the education levels and predominant skills of the county's workforce, as reported on resumes posted in OhioMeansJobs.com.



Source: Monster Government Solutions, April 2021. See "Quick Guide to Understanding the County Economic Health Reports" for description of educational categories.

7. Educational Attainment by age group

- a. Choose the year (Box 1) and county (Box 2)
- b. The visualization will change to show a list of age groups, educational attainment levels, and the number of people in that age range with each level of education.



c. Underneath the County filter, you will find a "Highlight Education level" drop down (Box 3). If you want to view a particular level of education more easily in each of the age groups, choose it here, and it will highlight the level of education.

Educational Attainment by Age Group The bar charts below show the distribution of educational attainment by age group for county residents. Educational attainment refers to the highest level of education completed.

۲	2021	∆ dams							
Со	unty	Adding							
۲	Adams	18 to 24	Less than 9th grade	64					
	Allen	years	9th to 12th Grade, No Diploma	160					
	Ashland		High school graduate (includes GED)			1,111			
	Ashtabula		Some college, no degree		469				
	Athens		Associate's degree	32					
	Auglaize		Bachelor's degree	104					
	Belmont		Graduate or professional degree	164					
	Brown	25 to 34	Less than 9th grade	48					
	Butler	years	9th to 12th Grade, No Diploma	151					
	Carroll		High school graduate (includes GED)			1,160			
	Champaign		Some college, no degree		529				
	Clark		Associate's degree		96				
	Clermont		Bachelor's degree		539				
	Clinton		Graduate or professional degree	160					
	Columbiana	35 to 44	Less than 9th grade	179					
	Coshocton	years	9th to 12th Grade, No Diploma	302					
	Crawford		High school graduate (includes GED)			1,141			
	Cuvahoga		Some college, no degree		688				
	Darko		Associate's degree		2				
	Daine		Bachelor's degree	264					
	Deliance		Graduate or professional degree	244					
	Erio	45 to 64	Less than 9th grade	34	4				
	Ene	years	9th to 12th Grade, No Diploma		846				
	Fairlieid		High school graduate (includes GED)						3,522
	Fayelle		Some college, no degree			1,097			
	Franklin		Associate's degree		753				
	Fulton		Bachelor's degree		566				
	Gallia		Graduate or professional degree		605				
	Geauga	65 years and	Less than 9th grade		539				
	Greene	over	9th to 12th Grade, No Diploma		659				
	Guernsey		High school graduate (includes GED)				2,111		
	Hamilton		Some college, no degree		636				
	Hancock		Associate's degree		9				
0	Hardin		Bachelor's degree	222					
High	light Education Level		Graduate or professional degree						
gra	iduate (includes GED) 🛛 🗙			0 5	00 100	00 1500	2000	2500 3000	3500
		Source: America	n Community Survey, 5-year estimates, 20	018-2021.					

3

Year

2019
2020
2021

d. Hovering over any of the bars will show you a tool tip that lists the age category, the total number of people in that age group that has that level of education, and the total number of people in that age group.



8. Veteran Employment

a. Choose the year (Box 1) and the county (Box 2).



b. All the visualizations will change with these two selections.

9. Civilian Labor Force and Commuting Patterns

a. Civilian Labor Force

i. Choose a county in **Box 1**.

Civilian Labor Force

The bar charts below show the county's civilian labor force. This includes everyone 16 and older who is working or looking for work. It does not include military personnel, individuals in institutions, those studying or keeping house full-time, retirees, or volunteer workers.



- b. Commuting Patterns
 - i. Choose a county in Box 2.
 - ii. All visualizations will change based on that selection.

) Adams) Allen) Ashland) Ashtabula	The tables below	g Pattern v show the co ng Tren	ommuting ds - A	patterns of wo	rkers wh Dunty	no eithe	r live in or wo	rk in the c	ounty.			Live in Live in Work i	, work i , work (n, live c	in out out
Athens	60%													
Relmont	00%													
Brown	40%													
Butler	20%													
Carroll	001													
Champaign	0%													
Clark	2005 20	6 2007	2008	2009 201	0 201	1 2	012 2013	2014	2015	2016	201	17 2	018	2019
lermont			_											
Clinton	Commutir	g Patter	ns - Ao	dams Co	inty, 2	2010	- 2020							
olumbiana												_		
Coshocton	Vear #	Of Workers Who	o Live And	Are Employed H	#	Of Work	Another Cours	ere, But Wo ntv	rk In	# Of V	/orkers W An	/ho Wor other C	k Here,	But Live
Crawford	2010	of workers with	3.355	Are Employed I	10		4,400	ity			~	2.39	l	
uyahoga	2016		3,353				4,877					2,260)	
arke	2017		3,269				4,869					2,424	1	
fience	2018											2.244		
elidrice	2010		3,186				4,950					2,313)	
aware	2019		3,186 3,191				4,950 4,973					2,31:) I	
aware	2019 2020 Commuting	Trends for	3,186 3,191 2,915 r Out-C	ommuters	- Live	in	4,950 4,973 4,856	na Trer	ds for	In-Co	mmut	2,31: 2,15 ⁻ 2,19: ers –	y Work	k in
Delaware Erie Gairfield Gayette Franklin Fulton	Commuting County, but	Trends for Work in A	3,186 3,191 2,915 r Out-C nother	ommuters County	– Live Year	in	4,950 4,973 4,856 Commuti County, I	ng Trer out Live	ids for in And	In-Co other (mmut Count <u>y</u>	2,313 2,15 2,193 ers –	Year	k in
laware e rfield yette unklin ton	Commuting County, but	Trends for Work in A	3,186 3,191 2,915 r Out-C nother	ommuters County	– Live Year	in	4,950 4,973 4,856 Commuti County, I	ng Trer out Live	ids for in And	In-Co other (mmut Count <u>i</u>	2,313 2,15 2,193 ers – y	Year	k in 20
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laware e rfield vette inklin ton Ilia auga eene ernsey	Top Work County, Count	Trends for Work in A es for Out-Cor H	3,186 3,191 2,915 r Out-C nother	ommuters County	- Live Year 2019 20 517 457	in)20 = 514 487	4,950 4,973 4,856 Commuti County, I Top Home C Brown Coun Scioto Coun	ng Trer out Live	ids for in And r In-Comr	In-Co other (mmut Count <u>i</u>	2,313 2,15 2,19 ers – y 201 42	Year 9 2	k in 20
laware laware e irfield yette anklin ltion llia auga eene eene eensey milton	Top Work County, Brown County, Cunty, Franklin County, Franklin County	Trends for Work in A es for Out-Cor H OH	3,186 3,191 2,915 r Out-C nother	ommuters County	- Live Year 2019 20 517 457 401	in)20 = - 514 487 443	4,950 4,973 4,856 Commuti County, I Top Home C Brown Coun Scioto Coun Highland Co	ng Trer but Live counties fo ty, OH ty, OH unty, OH	ids for in And	In-Co other (mmut Count <u>y</u>	2,313 2,15 2,19 ers – y 201 42 9 23	9 Worl Year 9 2 2 3	k in 20
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10. Area Population to Jobs

- a. Choose an area or areas in Box 1 to operate the line graph. This is intended to be your county and Ohio, but you can compare any number of counties.
- b. Change the year in Box 2 to change the population to job ratio map.

Population-to-Jobs Ratio

The graph and map below show the county's working-age population-to-jobs ratio. The working-age population includes everyone ages 18 to 64. Higher population-to-jobs ratios indicate there are more working-age adults than jobs, which could lead workers to commute to other counties for work. Lower ratios could indicate that the county tends to attract commuters.



11. Profile of UI Claims

- a. Choose the year (Box 1) and county (Box 2).
- b. All the visualizations will change based on those selections.



Want a PDF of one of the visualizations?

a. At the bottom right of the visualization, there is a download button. It is highlighted by a red box below. **NOTE:** Make sure you've made all the selections you need on the visualization before you download the PDF.

Annual Employment Percent by Industry

The table below shows how jobs are distributed throughout the county by industry. The higher the percentage, the more workers there are in the industry. Multiple years are shown to demonstrate how employment in the industries may have shifted over time. However, percent change across years does not necessarily indicate growth or decline in employment by industry.

Area				Area			
◯ Adams				Adams			
◯ Allen				Allen			
 Ashland 				 Ashland 			
Ashtabula				Ashtabula			
Athens				O Athens			
O Auglaize				Auglaize Delevent			
Beimont				Beimont			
BIOWO				C) Brown			
Ashland				Ashland			
Industry F	2010	2019	2020	Industry 🖃	2010	2019	2020
Manufacturing	19.40%	21.90%	20.76%	Manufacturing	19.40%	21.90%	20.76%
Health Care and Social Assistance	16.00%	14.60%	14.04%	Health Care and Social Assistance	16.00%	14.60%	14.04%
Educational Services	13.90%	11.70%	11.43%	Educational Services	13.90%	11.70%	11.43%
Retail Trade	11.50%	10.80%	11.23%	Retail Trade	11.50%	10.80%	11.23%
Professional, Scientific, and Technical Services	5.90%	8.00%	7.78%	Professional, Scientific, and Technical Services	5.90%	8.00%	7.78%
Accommodation and Food Services	6.60%	6.90%	7.15%	Accommodation and Food Services	6.60%	6.90%	7.15%
Construction	3.70%	5.40%	5.61%	Construction	3.70%	5.40%	5.61%
Wholesale Trade	4.20%	3.90%	4.09%	Wholesale Trade	4.20%	3.90%	4.09%
Public Administration	3.90%	3.00%	3.00%	Public Administration	3.90%	3.00%	3.00%
Transportation and Warehousing	3.60%	2.90%	2.79%	Transportation and Warehousing	3.60%	2.90%	2.79%
Other Services (except Public Administration)	3.50%	2.90%	2.66%	Other Services (except Public Administration)	3.50%	2.90%	2.66%
Administrative and Support Services	2.00%	2.70%		Administrative and Support Services	2.00%	2.70%	
Finance and Insurance	1.70%	1.50%	1.32%	Finance and Insurance	1.70%	1.50%	1.32%
Administrative and Support and Waste Manage	e		3.75%	Administrative and Support and Waste Manage			3.75%
Information	1.40%	1.10%	1.13%	Information	1.40%	1.10%	1.13%
Agriculture, Forestry, Fishing and Hunting	0.80%	1.10%	1.20%	Agriculture, Forestry, Fishing and Hunting	0.80%	1.10%	1.20%
Arts, Entertainment, and Recreation	0.70%	0.70%	0.95%	Arts, Entertainment, and Recreation	0.70%	0.70%	0.95%
Real Estate and Rental and Leasing	0.70%	0.50%	0.58%	Real Estate and Rental and Leasing	0.70%	0.50%	0.58%
Management of Companies		0.30%		Management of Companies		0.30%	
Utilities	0.30%			Utilities	0.30%		
Management of Companies and Enterprises			0.28%	Management of Companies and Enterprises			0.28%

Source: U.S. Census Bureau, Quarterly Workforce Indicators, excludes federal government.

*Data non-disclosable as it does not meet U.S. Census Bureau publication standards. Columns may not sum to 100 percent due to both U.S. Census Bureau methodology and the effects of rounding. The difference between summed percentages (<100%) and 100 is not the employment share of the non-disclosed industry.

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b. Click on the download button and a download pop-up will appear. Select PDF.

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orises			0.28%	Mining Ouerryin	na an	d Oil and Gas Extraction		

c. Make sure This View (box 1) is selected, then hit the download button (box 2)

