

# Wyoming Intercounty Commuting Report, 2017Q1

With Longitudinal County Data from 2008 to 2017

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# Wyoming Intercounty Commuting Report, 2017Q1

## With Longitudinal County Data from 2008 to 2017

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Commuting: http://doe.state.wy.us/LMI/commute.htm
URL for this report:

http://doe.state.wy.us/LMI/commute/WY\_Commuting\_2017Q1.pdf

"Your Source for Wyoming Labor Market Information"

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#### Who We Are

Research & Planning (R&P) functions as an exclusively statistical entity within the Wyoming Department of Workforce Services. R&P collects, analyzes, and publishes timely and accurate labor market information (LMI) meeting established statistical standards. We work to make the labor market more efficient by providing the public and the public's

representatives with the information needed for evidencebased, informed decision making.

# Wyoming Intercounty Commuting Report, 2017Q1

by: Michael Moore, Editor Methodologist: Tony Glover, Workforce Information Supervisor

f the 287,940 individuals working in Wyoming at any time during first quarter 2017 (2017Q1), more than one in five (21.3%) commuted from another county or state, according to the most recent turnover data from the Research & Planning (R&P) section of the Wyoming Department of Workforce Services.

R&P publishes intercounty commuting data on a quarterly basis. By linking Unemployment Insurance (UI) wage records, data from the Quarterly Census of Employment and Wages, driver's license data from the Wyoming Department of Transportation, and other administrative databases, R&P is able to identify intercounty commuting patterns from first quarter 1992 (1992Q1) to the most recent quarter of data available; in this case, 2017Q1.

The term *intercounty commuting* refers to individuals traveling from a Wyoming county of residence to another Wyoming county of employment (see Definitions, page 4). Interstate commuting data, such as Wyoming residents commuting to Colorado or Utah for work, are not included in this report. However, this report does include data on workers from other states (*nonresidents*; see Definitions, page 4) who commute to Wyoming for work.

As noted by Leonard (2007):

"Commuting patterns can be used to help assess and predict a variety of effects such as road use, accident rates, and impacts on emergency response service providers. For economic development purposes, commuting data can be used to develop strategies to address housing needs, determine which segments of a county's available labor force work elsewhere, or estimate the flow of wages between counties."

Jones (2007) explained that increases in intercounty commuting in Wyoming "dramatically change the relationship between county of employment (where wages are earned) and county of residence (where much of the payroll is spent)." In the example on page 4, Hypothetical Pat is a resident of Converse County, but commutes to Sweetwater County, where he works for XYZ Construction. Pat may be taking his earnings from Sweetwater County back home to Converse County.

Jacquet (2006) used R&P data to identify wage, employment, and commuting trends in Sublette County, which saw a substantial increase in workers from other counties during Wyoming's rapid economic expansion from 2006 to 2008. Jacquet estimated that in 2005, more than \$76 million in wages were paid to workers on drilling rigs in Sublette County. However, Jacquet also noted that the "overwhelming majority (likely more than 90%) of persons employed on the rigs do not live in the area and likewise spend the overwhelming majority of this \$76 million elsewhere."

(Text continued on page 5)

# What is Intercounty Commuting?

#### **Definitions**

County of residence. The county in which an individual resides, based on Wyoming driver's license files and other administrative databases.

County of employment. The location of the employer for which an individual works, based on Unemployment Insurance (UI) tax files.

*Intercounty commuting.* The movement of individuals from a county of residence to another county of employment.

*Inflow.* Workers commuting into a county for employment.

*Outflow.* Workers commuting from their county of residence to another county for employment.

Nonresidents. Individuals for whom demographic data are not available.

*Unknown*. The location of the work site (county of employment) could not be determined.

#### Example

As shown in Figure A, Hypothetical Pat lives in Converse County, making this Pat's county of residence. Pat works for XYZ Construction in Sweetwater County, making this Pat's county of employment. Pat commutes from Converse County (outflow) to Sweetwater County (inflow).

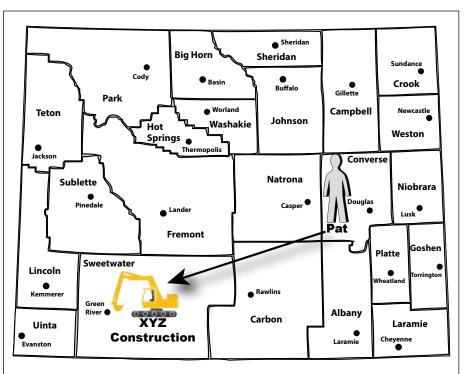


Figure: Hypothetical Example of Intercounty Commuting

(Text continued from page 3)

The information presented in this report and the tabular commuting data from R&P can provide readers with a better understanding of the commuting patterns for each Wyoming county.

#### Discussion

This report includes commuting tables and figures for each Wyoming county. This report focuses specifically on *inflow* (workers commuting into county of employment from a different county of residence or a different state) and *outflow* (workers commuting from a county of residence to another county of employment; see Defintions, page 4) during 2017Q1.

Commuting patterns are influenced by the conditions of the state, regional, and national economies. Beginning in 2015Q2 and continuing through the most recent period for which data are available (2017Q1), Wyoming's economy was in an economic downturn that was influenced by "a substantial decline in the prices of oil, an extended period of low natural gas prices, and the erosion in the price of coal" (Gallagher, 2016).

Because of this, commuting patterns in 2017Q1 may look considerably different compared to a period when Wyoming was in the midst of a rapid economic expansion, such as 2008Q1. R&P publishes tabular data from 1992Q1 to 2017Q1 so that consumers can conduct these types of comparisons as they see fit.

A previous commuting report from R&P (Glover and Moore, 2016) provided historical context and examples of how economic conditions influence Wyoming's intercounty commuting patterns. That report is available at http://doe.state.wy.us/LMI/commute/WY\_Commuting\_2015Q4.pdf.

### **Wage Records**

Wage records represent an individual's wage history based on employers' quarterly wage and employment reports to the Unemployment Insurance (UI) tax section of the Wyoming Department of Workforce Services. Bullard (2015) noted that UI covered employment represents approximately 91.5% of Wyoming's total wage and salary employment.

As noted by Gosar (1995):

"Wage records are an administrative database used to calculate UI benefits for employees who have been laid-off through no fault of their own. By law, each employer who has covered employees, must submit tax reports to the state showing each employee's wage. The required information on this tax report includes social security number (SSN) for each covered employee, year, quarter, and wages earned in the quarter."

#### References

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# **2017Q1 Intercounty Commuting Patterns**

Commuting patterns vary by county based on a variety of factors, including the number of persons in the labor market; the number of jobs available; the demographics of the labor market; county, regional, state, and national economic conditions; industrial composition; housing costs and availability; and geographic location.

As shown in Table A, 21.3% (61,372 individuals) of all persons working in Wyoming in 2017Q1 commuted from another Wyoming county or state. In this report, *inflow* refers to individuals who

**Table A: Inflow**Total Number of Persons Working in Wyoming by County of Employment, 2017Q1

						Inflo	W		
County of Employment		Persons fro Cour		Tota Inflo		Resid Inflo		Nonres Inflo	
County	N	N	%	N	%	N	%	N	%
Albany	16,932	12,917	76.3	4,015	23.7	1,829	10.8	2,186	12.9
Big Horn	4,454	3,397	76.3	1,057	23.7	693	15.6	364	8.2
Campbell	26,484	21,301	80.4	5,183	19.6	3,229	12.2	1,954	7.4
Carbon	7,209	5,723	79.4	1,486	20.6	570	7.9	916	12.7
Converse	5,859	4,521	77.2	1,338	22.8	911	15.5	427	7.3
Crook	2,210	1,510	68.3	700	31.7	355	16.1	345	15.6
Fremont	16,616	14,533	87.5	2,083	12.5	915	5.5	1,168	7.0
Goshen	4,725	4,017	85.0	708	15.0	251	5.3	457	9.7
Hot Springs	2,103	1,644	78.2	459	21.8	347	16.5	112	5.3
Johnson	3,269	2,698	82.5	571	17.5	436	13.3	135	4.1
Laramie	49,011	39,951	81.5	9,060	18.5	2,395	4.9	6,665	13.6
Lincoln	6,448	5,185	80.4	1,263	19.6	599	9.3	664	10.3
Natrona	41,744	35,431	84.9	6,313	15.1	3,890	9.3	2,423	5.8
Niobrara	922	739	80.2	183	19.8	120	13.0	63	6.8
Park	13,228	11,060	83.6	2,168	16.4	1,220	9.2	948	7.2
Platte	3,750	2,881	76.8	869	23.2	552	14.7	317	8.5
Sheridan	13,805	11,510	83.4	2,295	16.6	1,372	9.9	923	6.7
Sublette	4,049	3,086	76.2	963	23.8	480	11.9	483	11.9
Sweetwater	23,988	19,438	81.0	4,550	19.0	2,249	9.4	2,301	9.6
Teton	22,115	12,599	57.0	9,516	43.0	1,846	8.3	7,670	34.7
Uinta	9,114	7,433	81.6	1,681	18.4	813	8.9	868	9.5
Washakie	3,859	3,099	80.3	760	19.7	581	15.1	179	4.6
Weston	2,460	1,895	77.0	565	23.0	276	11.2	289	11.7
Unknown <sup>c</sup>	3,586							1,027	28.6
Total	287,940	226,568	78.7	61,372	21.3	28,488	9.9	32,884	11.4

<sup>&</sup>lt;sup>a</sup>Resident inflow refers to workers commuting into a county for employment from another Wyoming county.

<sup>&</sup>lt;sup>b</sup>Nonresident inflow refers to workers commuting into a county for employment from another state.

<sup>&</sup>lt;sup>c</sup>Unknown refers to individuals working for a Wyoming employer whose location could not be identified.

Source: Research & Planning, Wyoming Department of Workforce Services. (2017). Wyoming Intercounty Commuting Patterns by Year and Quarter, 1992Q1 to 2017Q1.

Prepared by M. Moore, Research & Planning, WY DWS, 8/23/17.

travel to a county of employment from a different county (or state) of residence. Individuals for whom demographic data are not available — typically individuals who commute to work in Wyoming from another state — are referred to in this publication as nonresidents. Table A shows that more nonresidents (7,670) commuted into Teton County for work than did Wyoming residents (1,846) in 201701. Other counties with a substantial number of nonresident workers included Laramie (6,665 individuals, or 13.6% of all persons working), Natrona (2,423, or 5.8%), Sweetwater (2,301, or 9.6%), and Albany (2,816, or 12.6%). Some of these counties, such as Teton, Laramie, and Albany, border other states and draw in nonresident workers due to proximity and job availability. Counties such as Sweetwater and Natrona attract nonresident workers through high paying jobs in the mining and construction industries.

Table A also shows that some smaller counties rely on individuals who commute from another Wyoming county for work; these include Hot Springs (16.5% of all persons working, or 347 individuals), Crook (16.1%, or 355), Big Horn (15.6%, or 693), and Converse (15.5, or 911) counties.

In many instances, commuters travel relatively short distances to work from a neighboring county. For example, Table 3B and Figure 3B (see page 14) show that the top five counties of inflow for Campbell County were neighboring counties: Crook, Weston, Converse, Natrona, and Sheridan. In other instances, however, commuters seem to travel a greater distance for work. Table 7A and Figure 7A (see page 22) show that 120 individuals commuted from Fremont County to Laramie County for work, and an additional 110 Fremont

County residents commuted to Albany County for work.

As shown in Table B (see page 8), Wyoming's largest counties often have the smallest proportion of individuals who work in another county, or *outflow*. This includes Laramie (5.7%, or 2,431 individuals), Natrona (7.5%, or 2,858), Campbell (7.8%, or 1,810), and Sweetwater (7.1%, or 1,496) counties.

Figure A (see page 9) shows the numbers of inflow and outflow for each Wyoming county in 2017Q1. In many cases, inflow was much greater than outflow; this was especially true in Laramie and Teton counties.

# Conclusion and Future Research

The tables and figures presented in this report and others provide just a sample of R&P's innovative research capabilities. The original commuting patterns for Wyoming were developed by R&P to test the feasibility of a mass transit system into Jackson Hole from Lincoln County (Gerth and Glover, 2001). Commuting analysis has been or could be produced for a variety of sets of workers and job seekers, such as:

- UI claimants
- Youth
- Older workers
- Job seekers using DWS job search assistance
- Recent college graduates

More information on commuting can be found online at http://doe.state.wy.us/LMI/commute.htm.

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**Table B: Outflow**Total Number of Persons Working in Wyoming by County of Residence, 2017Q1

				Outflow <sup>a</sup>	
County of Residence		Working in County of Residence		Working in Another County	
County	N	N	%	N	%
Albany	14,473	12,917	89.2	1,556	10.8
Big Horn	4,519	3,397	75.2	1,122	24.8
Campbell	23,111	21,301	92.2	1,810	7.8
Carbon	6,620	5,723	86.5	897	13.5
Converse	6,451	4,521	70.1	1,930	29.9
Crook	2,589	1,510	58.3	1,079	41.7
Fremont	16,196	14,533	89.7	1,663	10.3
Goshen	4,644	4,017	86.5	627	13.5
Hot Springs	1,979	1,644	83.1	335	16.9
Johnson	3,600	2,698	74.9	902	25.1
Laramie	42,382	39,951	94.3	2,431	5.7
Lincoln	7,137	5,185	72.6	1,952	27.4
Natrona	38,289	35,431	92.5	2,858	7.5
Niobrara	923	739	80.1	184	19.9
Park	12,462	11,060	88.7	1,402	11.3
Platte	3,533	2,881	81.5	652	18.5
Sheridan	12,704	11,510	90.6	1,194	9.4
Sublette	3,748	3,086	82.3	662	17.7
Sweetwater	20,934	19,438	92.9	1,496	7.1
Teton	13,121	12,599	96.0	522	4.0
Uinta	8,973	7,433	82.8	1,540	17.2
Washakie	3,837	3,099	80.8	738	19.2
Weston	2,831	1,895	66.9	936	33.1
Total, WY	255,056	226,568	88.8	28,488	11.2
Residents					

<sup>a</sup>Outflow refers to workers commuting from their Wyoming county of residence to another Wyoming county for employment. This does not include Wyoming residents who commute to another state for employment.

Source: Source: Research & Planning, Wyoming Department of Workforce Services. (2017). Wyoming Intercounty Commuting Patterns by Year and Quarter, 1992Q1 to 2017Q1.

Prepared by M. Moore, Research & Planning, WY DWS, 8/23/17.

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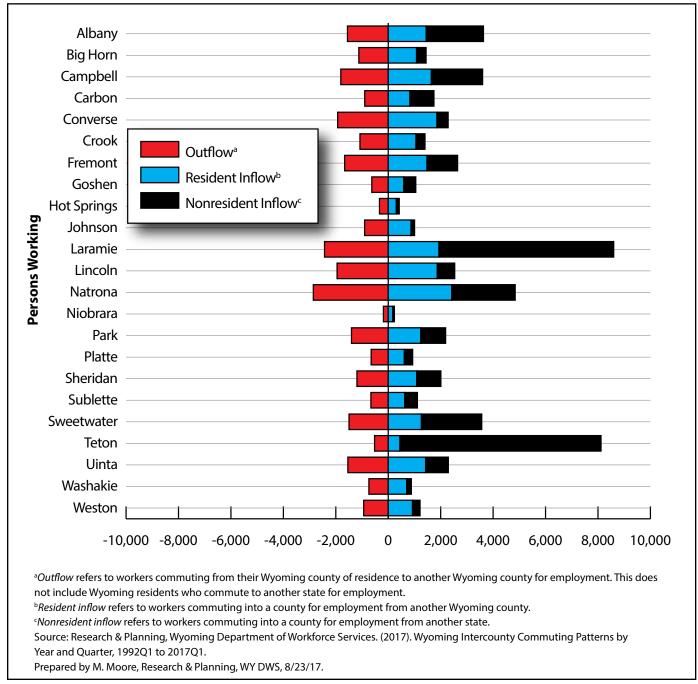
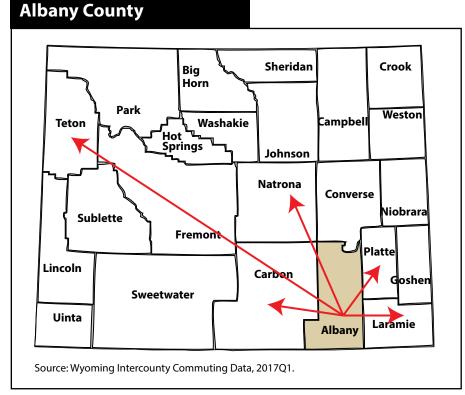
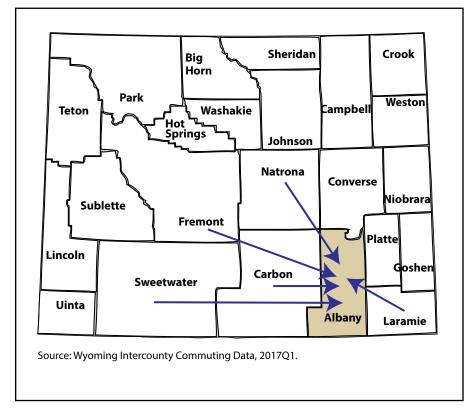


Figure A: Intercounty Commuting Inflow and Outflow for Wyoming by County, 2017Q1



**Table 1A: Albany County** Residents by County of **Employment (Outflow), 2017Q1** County of **Employment** % Ν **Albany** 12,917 89.2 **Total Outflow** 1,556 10.8 Laramie 613 4.2 Natrona 134 0.9 Carbon 108 0.7 Teton 81 0.6 Platte 66 0.5 Unknown 108 0.7 Total, All Albany 14,473 100.0 **County Residents** with Wage Records Source: Wyoming Intercounty Commuting Data, 2017Q1.

Figure 1A: Albany County Residents by County of Employment (Outflow), 2017Q1



**Table 1B: Albany County Employment by County of** Residence (Inflow), 2017Q1 County of Residence Ν % **Albany** 12,917 76.3 4,015 **Total Inflow** 23.7 Laramie 556 3.3 Natrona 223 1.3 Carbon 116 0.7 Sweetwater 111 0.7 Fremont 110 0.6 Nonresidents 2,186 12.9 **Total Persons** 16,932 100.0 Working in **Albany County** Nonresidents are individuals for whom demographic data are not available. Source: Wyoming Intercounty Commuting Data, 2017Q1.

Figure 1B: Persons Working in Albany County by County of Residence (Inflow), 2017Q1

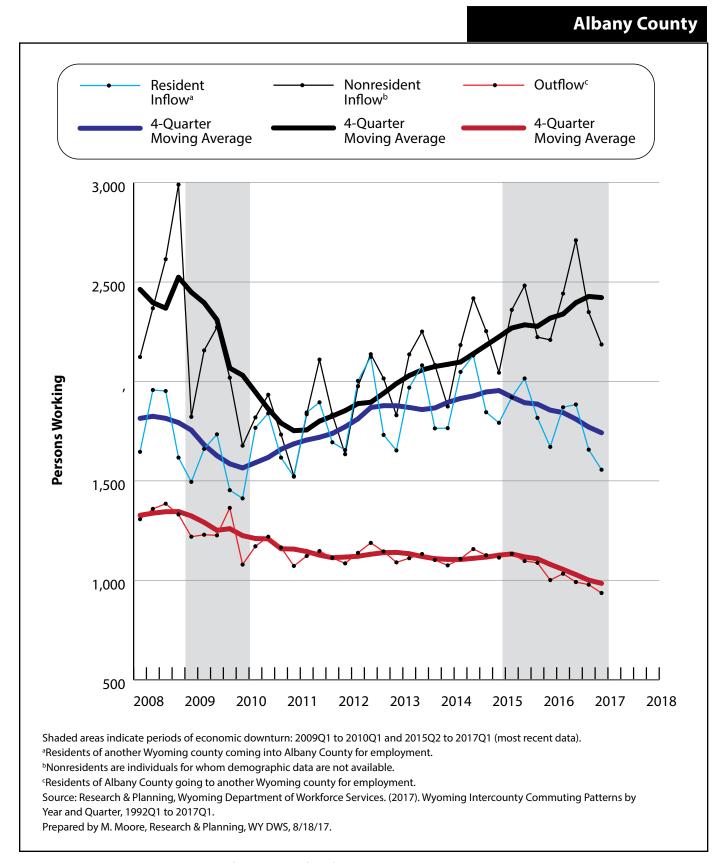


Figure 1C: Intercounty Commuting Inflow and Outflow for Albany County, Wyoming, 1992Q1-2017Q1

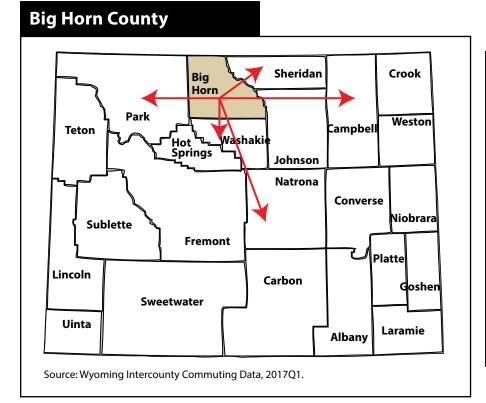


Table 2A: Big Horn County Residents by County of Employment (Outflow), 2017Q1				
County of Employment	N	%		
Big Horn	3,397	75.2		
Total Outflow	1,122	24.8		
Park	598	13.2		
Washakie	185	4.1		
Natrona	53	1.2		
Sheridan	46	1.0		
Campbell	28	0.6		
Unknown	41	0.9		
Total, All Big 4,519 100.0 Horn County Residents with Wage Records				
Source: Wyoming Intercounty Commuting Data, 2017Q1.				

Figure 2A: Big Horn County Residents by County of Employment (Outflow), 2017Q1

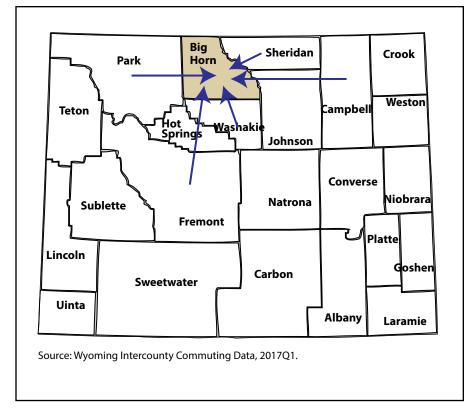


Table 2B: Big Horn County **Employment by County of** Residence (Inflow), 2017Q1 **County of** Residence N % Big Horn 3,397 76.3 **Total Inflow** 1,057 23.7 **Park** 447 10.0 Washakie 77 1.7 Campbell 24 0.5 Sheridan 20 0.4 Fremont 19 0.4 Nonresidents 364 8.2 **Total Persons** 4,454 100.0 **Working in Big Horn County** Nonresidents are individuals for whom demographic data are not available. Source: Wyoming Intercounty Commuting Data, 2017Q1.

Figure 2B: Persons Working in Big Horn County by County of Residence (Inflow), 2017Q1

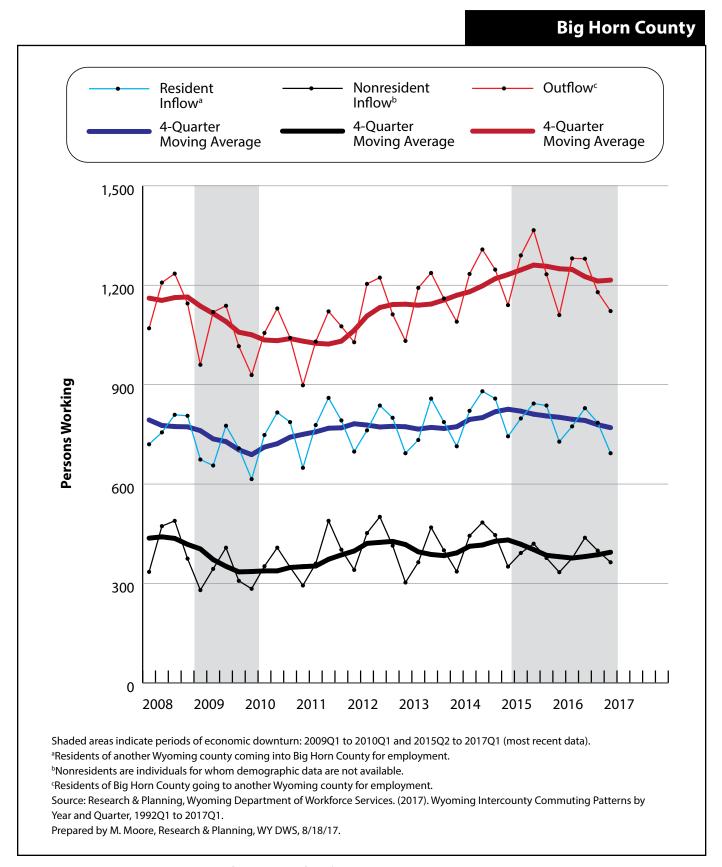


Figure 2C: Intercounty Commuting Inflow and Outflow for Big Horn County, Wyoming, 1992Q1-2017Q1

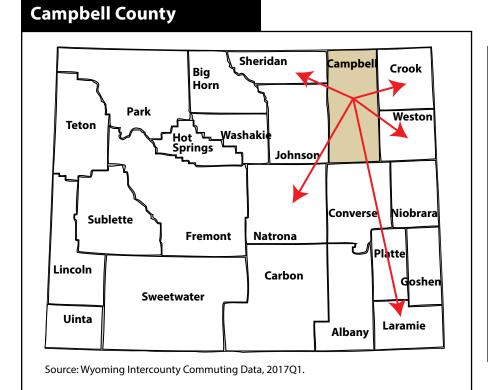


Table 3A: Campbell County Residents by County of Employment (Outflow), 2017Q1				
County of Employment	N	%		
Campbell	21,301	92.2		
Total Outflow	1,810	7.8		
Natrona	368	1.6		
Sheridan	207	0.9		
Crook	196	0.8		
Laramie	128	0.6		
Weston	110	0.5		
Unknown	163	0.7		
Total, All Campbell 23,111 100.0 County Residents with Wage Records				
Source: Wyoming Intercounty Commuting Data, 2017Q1.				

Figure 3A: Campbell County Residents by County of Employment (Outflow), 2017Q1

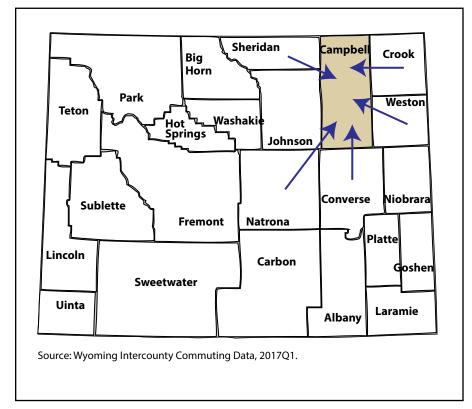


Table 3B: Campbell County **Employment by County of** Residence (Inflow), 2017Q1 County of Residence Ν % 21,301 Campbell 80.4 **Total Inflow** 5,183 19.6 Crook 826 3.1 Weston 657 2.5 Converse 413 1.6 Natrona 331 1.2 Sheridan 234 0.9 1,954 Nonresidents 7.4 **Total Persons** 26,484 100.0 Working in **Campbell County** Nonresidents are individuals for whom demographic data are not available. Source: Wyoming Intercounty Commuting Data, 2017Q1.

Figure 3B: Persons Working in Campbell County by County of Residence (Inflow), 2017Q1

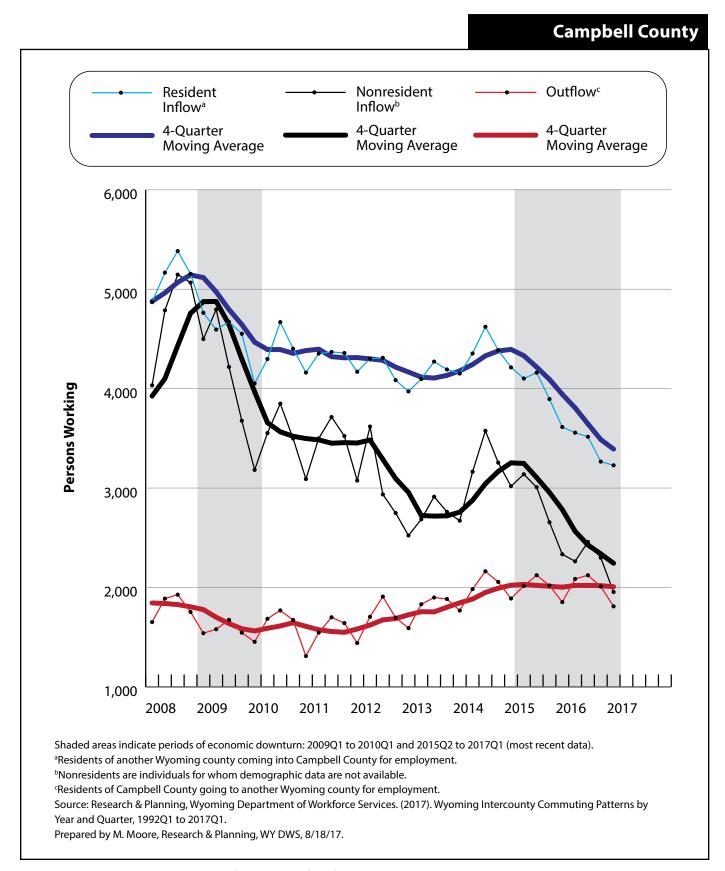


Figure 3C: Intercounty Commuting Inflow and Outflow for Campbell County, Wyoming, 1992Q1-2017Q1

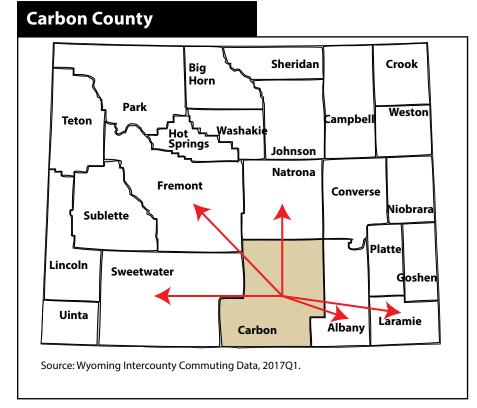
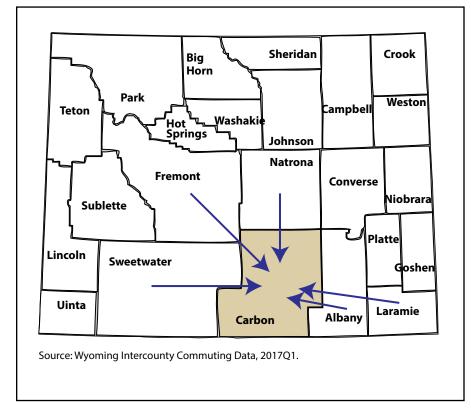


Table 4A: Carbon County Residents by County of Employment (Outflow), 2017Q1				
County of Employment	N	%		
Carbon	5,723	86.5		
Total Outflow	897	13.5		
Sweetwater	249	3.8		
Natrona	159	2.4		
Laramie	136	2.1		
Albany	116	1.8		
Fremont	33	0.5		
Unknown	68	1.0		
Total, All Carbon 6,620 100.0 County Residents with Wage Records				
Source: Wyoming Intercounty Commuting Data, 2017Q1.				

Figure 4A: Carbon County Residents by County of Employment (Outflow), 2017Q1



**Table 4B: Carbon County Employment by County of** Residence (Inflow), 2017Q1 County of Residence N % Carbon 5,723 79.4 **Total Inflow** 1,486 20.6 **Albany** 108 1.5 Natrona 93 1.3 Laramie 89 1.2 Sweetwater 85 1.2 Fremont 42 0.6 Nonresidents 916 12.7 **Total Persons** 7,209 100.0 Working in **Carbon County** Nonresidents are individuals for whom demographic data are not available. Source: Wyoming Intercounty Commuting Data, 2017Q1.

Figure 4B: Persons Working in Carbon County by County of Residence (Inflow), 2017Q1

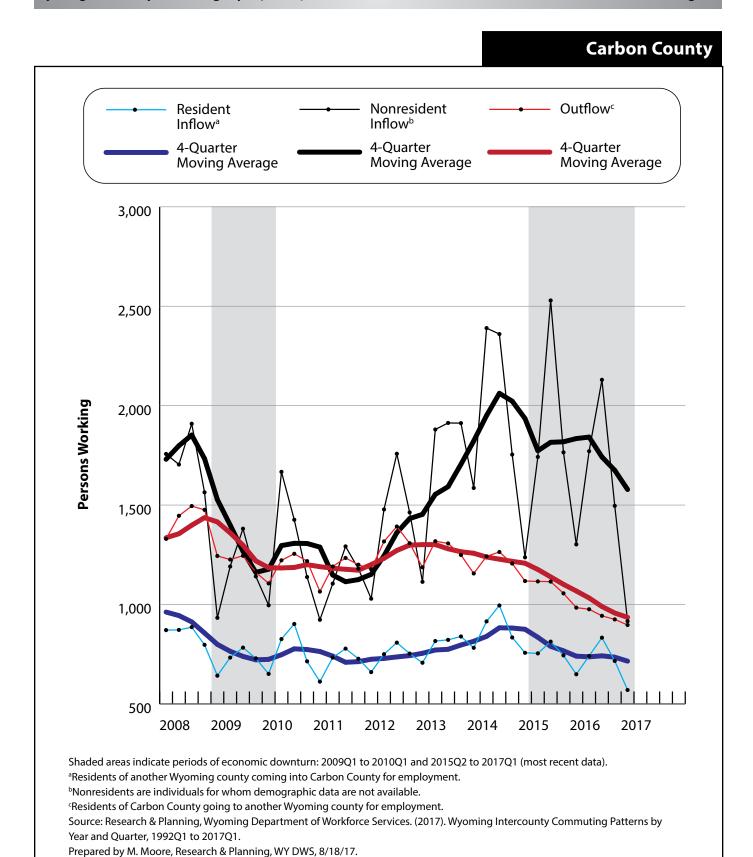


Figure 4C: Intercounty Commuting Inflow and Outflow for Carbon County, Wyoming, 1992Q1-2017Q1

#### **Converse County** Sheridan Crook Big Horn Park Weston Campbell **Teton** Washaki Hot Springs Johnson Converse **Fremont** Natrona Niobrara **Sublette** Platte Lincoln **Sweetwater** Goshen **Uinta** Laramie **Albany** Carbon Source: Wyoming Intercounty Commuting Data, 2017Q1.

Table 5A: Converse County Residents by County of Employment (Outflow), 2017Q1				
County of Employment	N	%		
Converse	4,802	68.4		
Total Outflow	2,214	31.6		
Natrona	1,182	16.8		
Campbell	494	7.0		
Laramie	76	1.1		
Albany	61	0.9		
Platte	46	0.7		
Unknown	107	1.5		
Total, All 7,016 100.0 Converse County Residents with Wage Records				
Source: Wyoming Intercounty Commuting Data, 2017Q1.				

Figure 5A: Converse County Residents by County of Employment (Outflow), 2017Q1

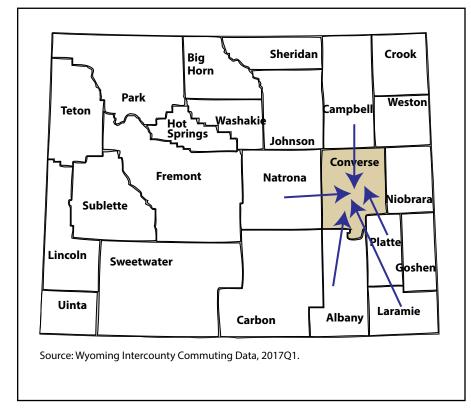


Table 5B: Converse County Employment by County of Residence (Inflow), 2017Q1			
County of Residence	N	%	
Converse	4,521	77.2	
Total Inflow	1,338	22.8	
Natrona	415	7.1	
Campbell	105	1.8	
Platte	99	1.7	
Albany	47	0.8	
Laramie	42	0.7	
Nonresidents	427	7.3	
Total Persons Working in Converse County	5,859	100.0	
Nonresidents are individuals for whom demographic data are not available.			
Source: Wyoming Intercounty Commuting Data, 2017Q1.			

Figure 5B: Persons Working in Converse County by County of Residence (Inflow), 2017Q1

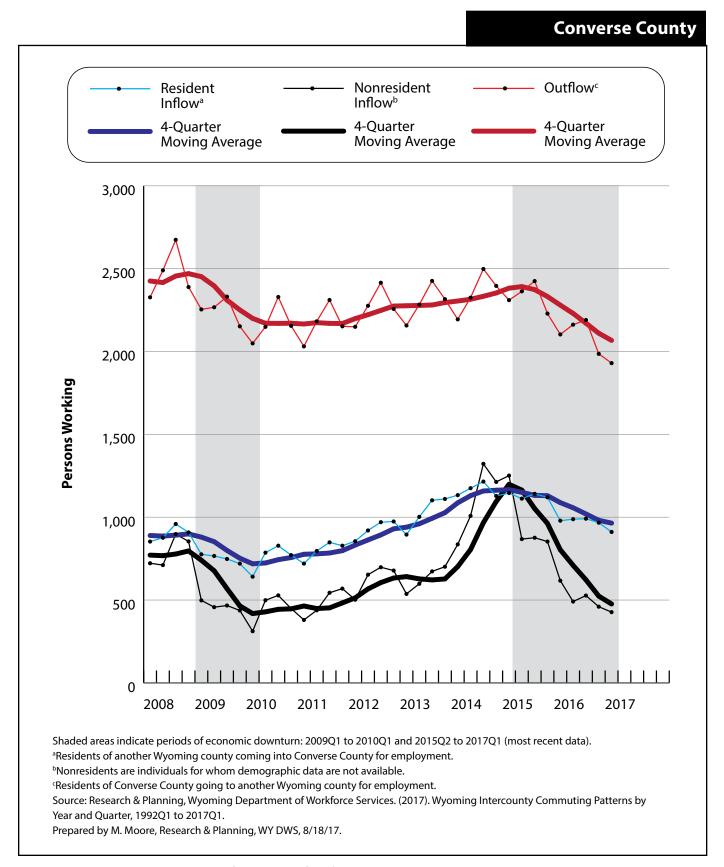


Figure 5C: Intercounty Commuting Inflow and Outflow for Converse County, Wyoming, 2008Q1-2017Q1

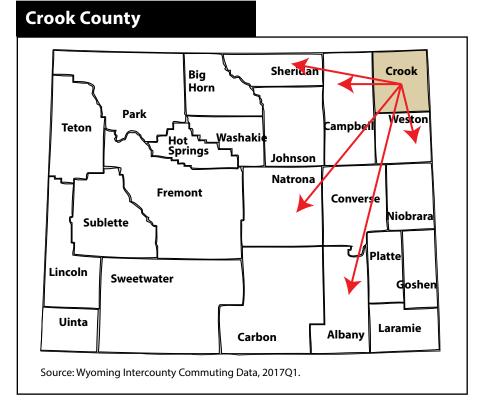


Table 6A: Crook County Residents by County of Employment (Outflow), 2017Q1 County of **Employment** % Ν Crook 1,510 58.3 **Total Outflow** 1,079 41.7 Campbell 826 31.9 Weston 60 2.3 58 Natrona 2.2 Sheridan 23 0.9 **Albany** 16 0.6 Unknown 20 0.8 Total, All Crook 2,589 100.0 **County Residents** with Wage Records Source: Wyoming Intercounty Commuting Data, 2017Q1.

Figure 6A: Crook County Residents by County of Employment (Outflow), 2017Q1

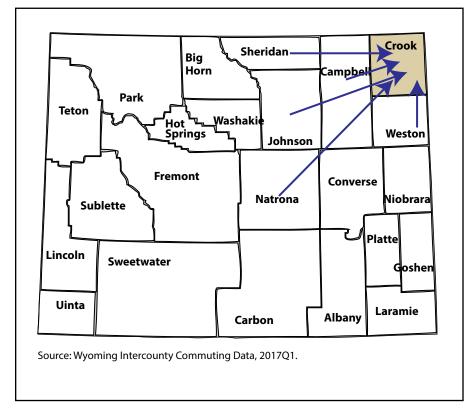


Table 6B: Crook County **Employment by County of** Residence (Inflow), 2017Q1 County of Residence Ν % Crook 1,510 68.3 **Total Inflow** 700 31.7 Campbell 196 8.9 Weston 84 3.8 Natrona 21 1.0 Sheridan 10 0.5 Johnson 6 0.3 345 Nonresidents 15.6 **Total Persons** 2,210 100.0 **Working in Crook** County Nonresidents are individuals for whom demographic data are not available. Source: Wyoming Intercounty Commuting Data, 2017Q1.

Figure 6B: Persons Working in Crook County by County of Residence (Inflow), 2017Q1

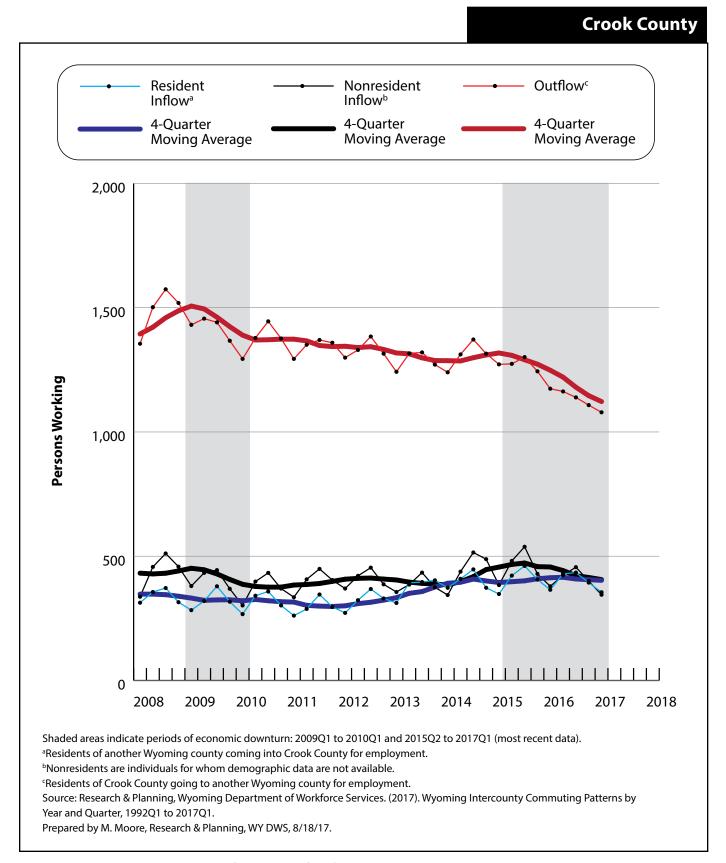
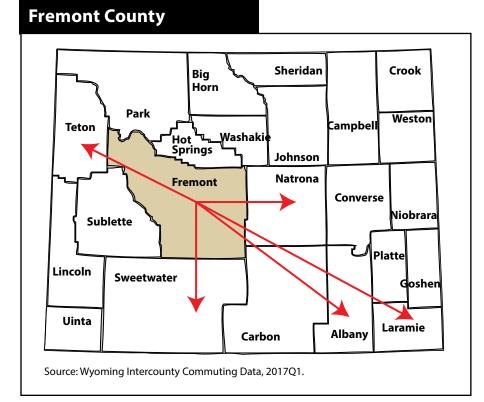


Figure 6C: Intercounty Commuting Inflow and Outflow for Crook County, Wyoming, 2008Q1-2017Q1



N	%			
4,533	89.7			
1,663	10.3			
344	2.1			
170	1.0			
120	0.7			
110	0.7			
110	0.7			
184	1.1			
Unknown 184 1.1 Total, All Fremont 16,196 100.0 County Residents with Wage Records Source: Wyoming Intercounty Commuting Data, 2017Q1.				
	344 170 120 110 110 184 <b>6,196</b>			

Figure 7A: Fremont County Residents by County of Employment (Outflow), 2017Q1

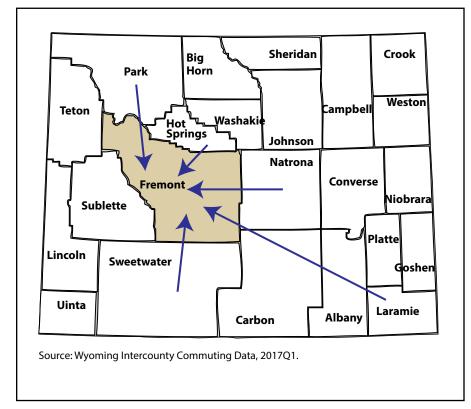


Table 7B: Fremont County Employment by County of Residence (Inflow), 2017Q1			
County of Residence	N	%	
Fremont	14,533	87.5	
Total Inflow	2,083	12.5	
Natrona	170	1.0	
Sweetwater	81	0.5	
Park	76	0.5	
Laramie	74	0.4	
Hot Springs	72	0.4	
Nonresidents	345	2.1	
Total Persons Working in Fremont County	16,616	100.0	
Nonresidents are individuals for whom demographic data are not available.			
Source: Wyoming Intercounty Commuting Data, 2017Q1.			

Figure 7B: Persons Working in Fremont County by County of Residence (Inflow), 2017Q1

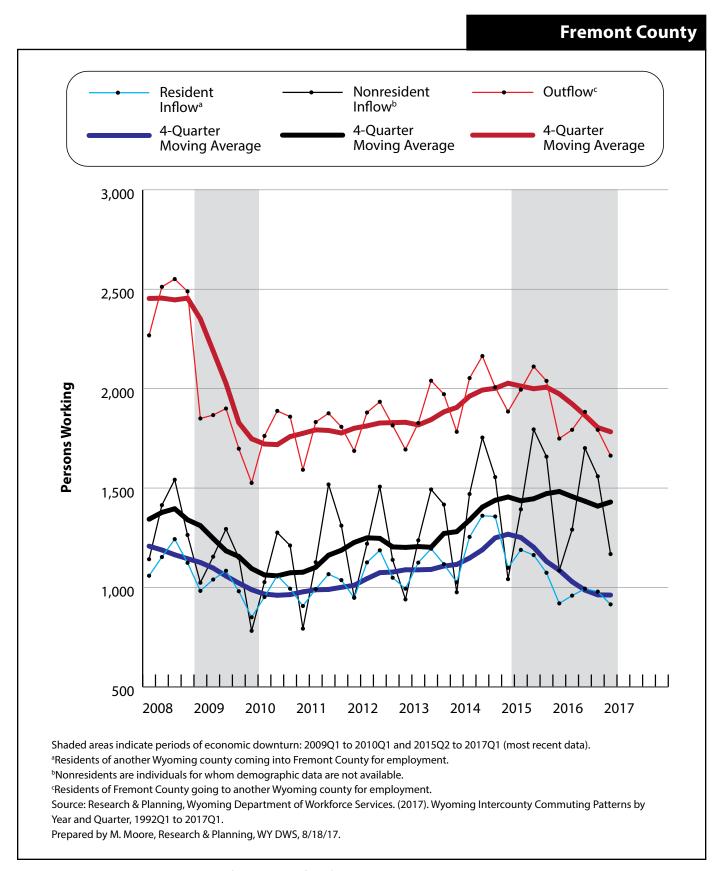


Figure 7C: Intercounty Commuting Inflow and Outflow for Fremont County, Wyoming, 2008Q1-2017Q1

# **Goshen County**

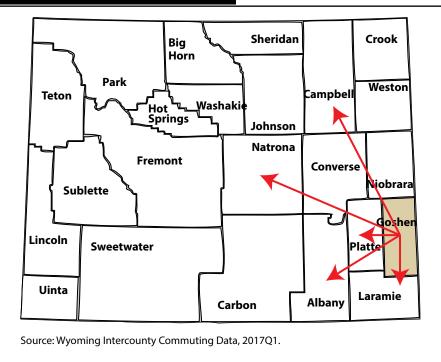


Table 8A: Goshen County Residents by County of Employment (Outflow), 2017Q1				
County of Employment	N	%		
Goshen	4,017	86.5		
Total Outflow	627	13.5		
Laramie	227	4.9		
Platte	116	2.5		
Natrona	73	1.6		
Albany	51	1.1		
Campbell	24	0.5		
Unknown	32	0.7		
Total, All Goshen 4,644 100.0 County Residents with Wage Records				
Source: Wyoming Intercounty Commuting Data, 2017Q1.				

Figure 8A: Goshen County Residents by County of Employment (Outflow), 2017Q1

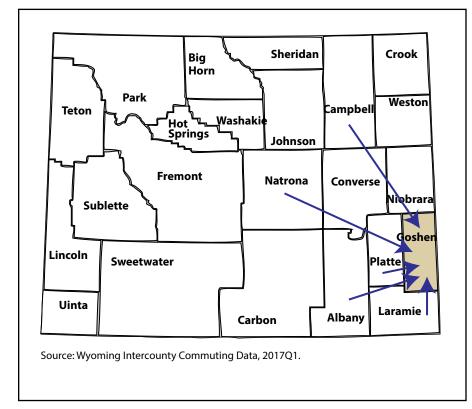


Table 8B: Goshen County Employment by County of Residence (Inflow), 2017Q1				
County of Residence	N	%		
Goshen	4,017	85.0		
Total Inflow	708	15.0		
Platte	68	1.4		
Laramie	41	0.9		
Albany	25	0.5		
Natrona	21	0.4		
Campbell	17	0.4		
Nonresidents	457	9.7		
Total Persons 4,725 100.0 Working in Goshen County				
Nonresidents are individuals for whom demographic data are not available.				
Source: Wyoming In Commuting Data, 20		У		

Figure 8B: Persons Working in Goshen County by County of Residence (Inflow), 2017Q1

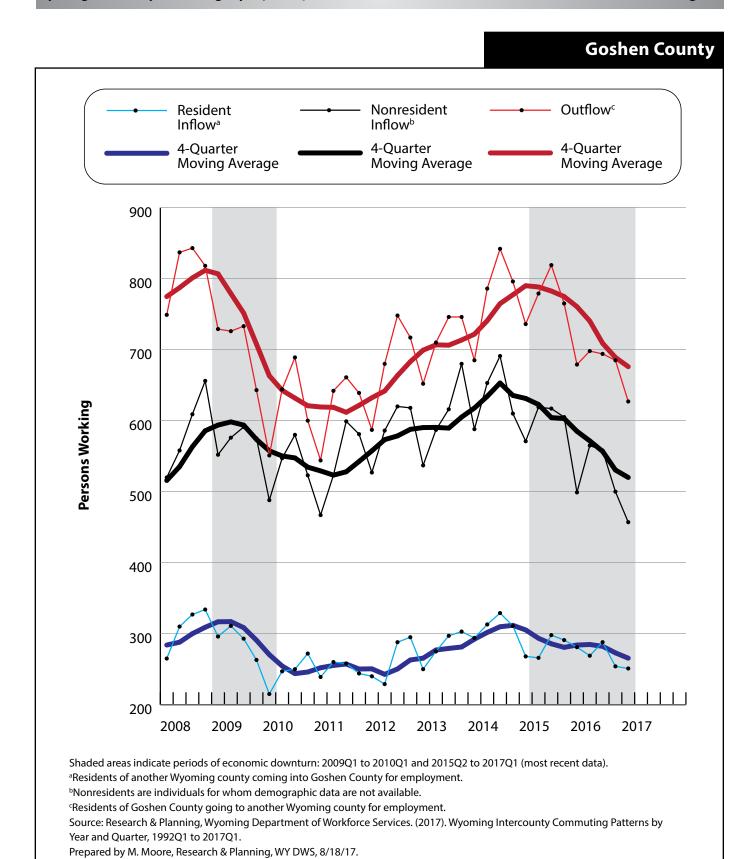


Figure 8C: Intercounty Commuting Inflow and Outflow for Goshen County, Wyoming, 2008Q1-2017Q1

Lincoln

**Uinta** 

#### **Hot Springs County Sheridan** Crook **Park** Big Horn Weston Washakie Campbell **Teton** Hot Springs **Johnson** Natrona **Fremont** Converse Niobrara Sublette **d**osher

Table 9A: Hot Springs County Residents by County of Employment (Outflow), 2017Q1 County of **Employment** % Ν **Hot Springs** 1,644 83.1 **Total Outflow** 335 16.9 Fremont 72 3.6 Washakie 69 3.5 51 Natrona 2.6 Park 28 1.4 15 Laramie 0.8 Unknown 25 1.3 Total, All Hot 1,979 100.0 **Springs County** Residents with Wage Records Source: Wyoming Intercounty Commuting Data, 2017Q1.

Source: Wyoming Intercounty Commuting Data, 2017Q1.

**Sweetwater** 

Figure 9A: Hot Springs County Residents by County of Employment (Outflow), 2017Q1

Carbon

Platte

**Albany** 

Laramie

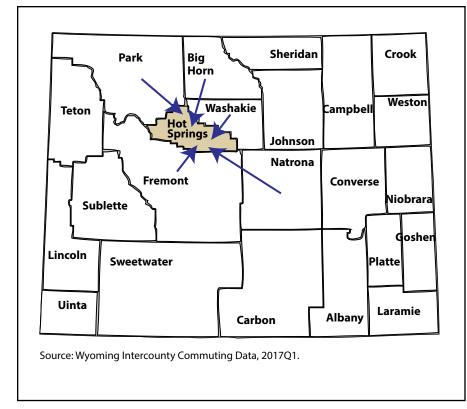


Table 9B: Hot Springs County Employment by County of Residence (Inflow), 2017Q1			
County of Residence	N	%	
Hot Springs	1,644	78.2	
Total Inflow	459	21.8	
Fremont	98	4.7	
Washakie	80	3.8	
Park	43	2.0	
Big Horn	21	1.0	
Natrona	21	1.0	
Nonresidents	112	5.3	
Total Persons Working in Hot Springs County	2,103	100.0	
Nonresidents are individuals for whom demographic data are not available.			
Source: Wyoming Intercounty Commuting Data, 2017Q1.			

Figure 9B: Persons Working in Hot Springs County by County of Residence (Inflow), 2017Q1

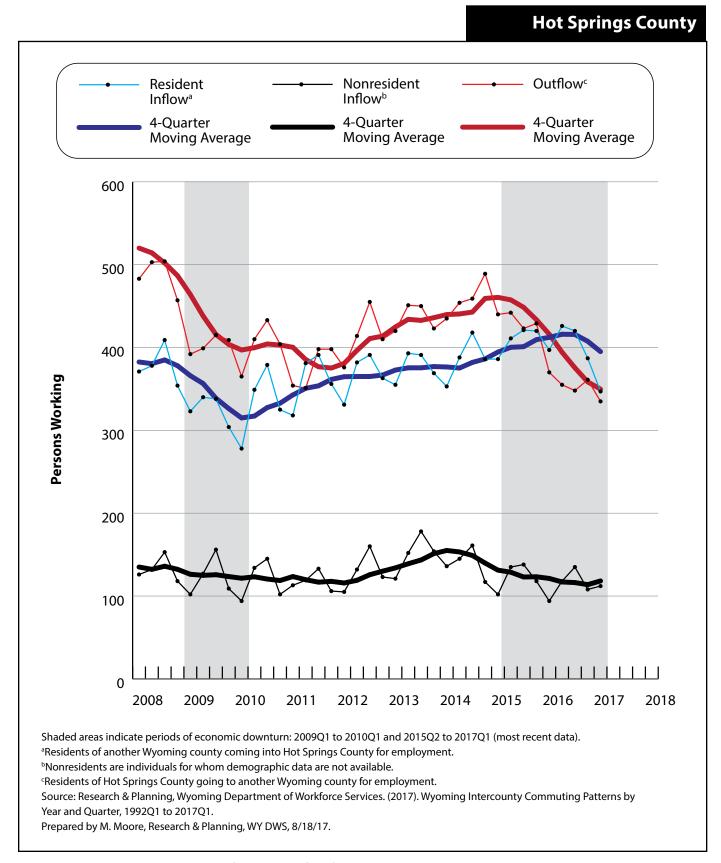


Figure 9C: Intercounty Commuting Inflow and Outflow for Hot Springs County, Wyoming, 2008Q1-2017Q1

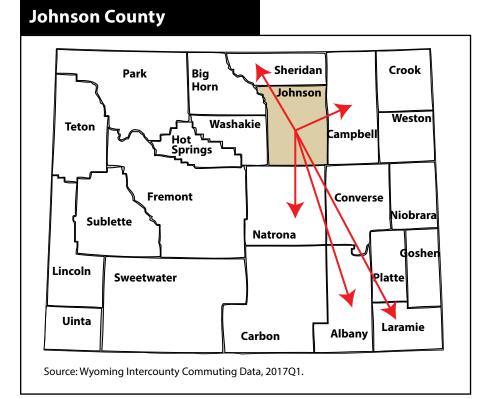
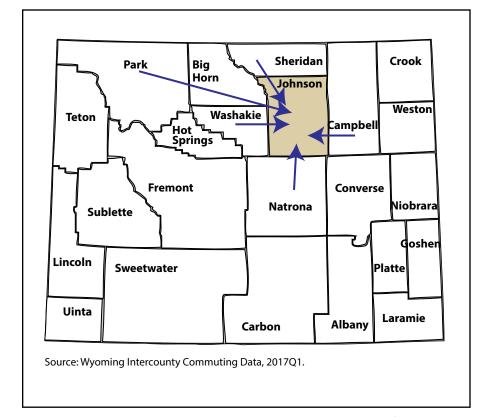


Table 10A: Johnson County Residents by County of Employment (Outflow), 2017Q1			
County of Employment	N	%	
Johnson	2,698	74.9	
Total Outflow	902	25.1	
Sheridan	484	13.4	
Campbell	140	3.9	
Natrona	112	3.1	
Albany	19	0.5	
Laramie	18	0.5	
Unknown	31	0.9	
Total, All Johnson County Residents with Wage Records	3,600	100.0	
Source: Wyoming Intercounty Commuting Data, 2017Q1.			

Figure 10A: Johnson County Residents by County of Employment (Outflow), 2017Q1



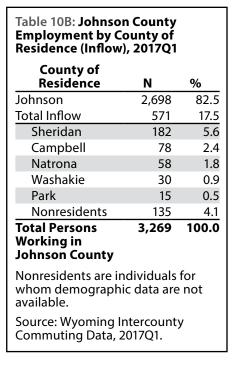


Figure 10B: Persons Working in Johnson County by County of Residence (Inflow), 2017Q1

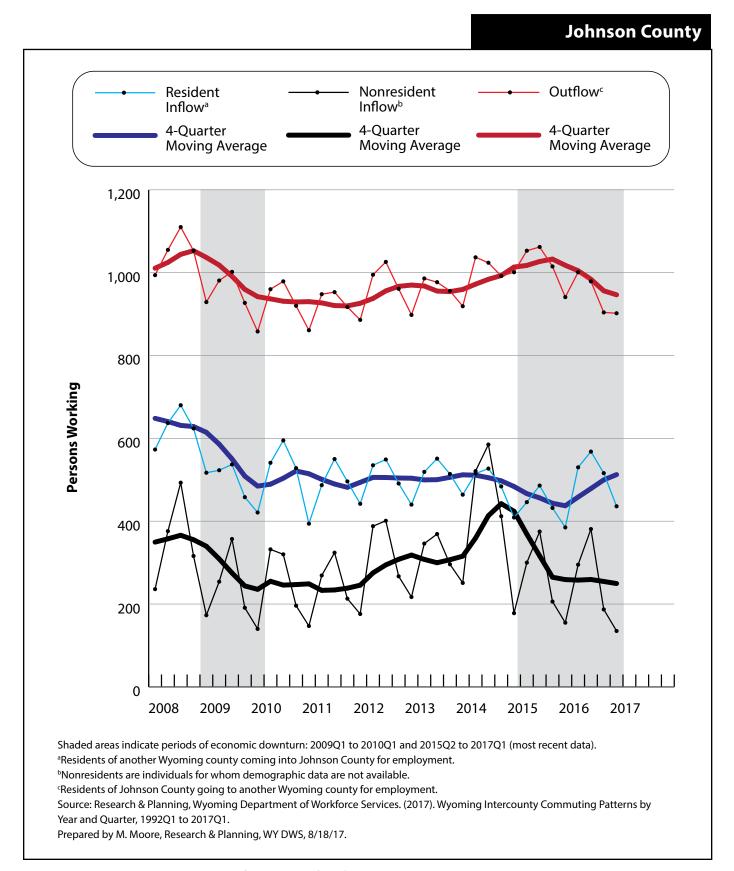
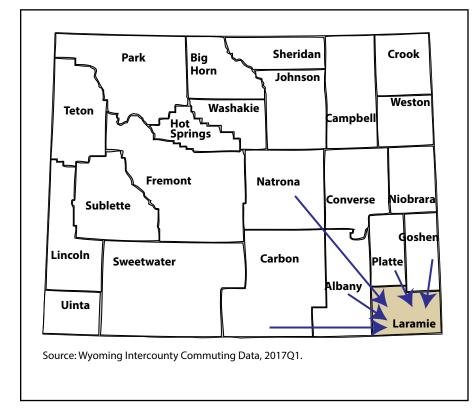


Figure 10C: Intercounty Commuting Inflow and Outflow for Johnson County, Wyoming, 2008Q1-2017Q1

#### **Laramie County** Sheridan Crook **Park** Big Horn Johnson Weston Washakie **Teton** Campbell Springs **Fremont** Niobrara Converse Sublette Natrona osher Lincoln Carbon **Sweetwater** Platte Albany **Uinta** Laramie Source: Wyoming Intercounty Commuting Data, 2017Q1.

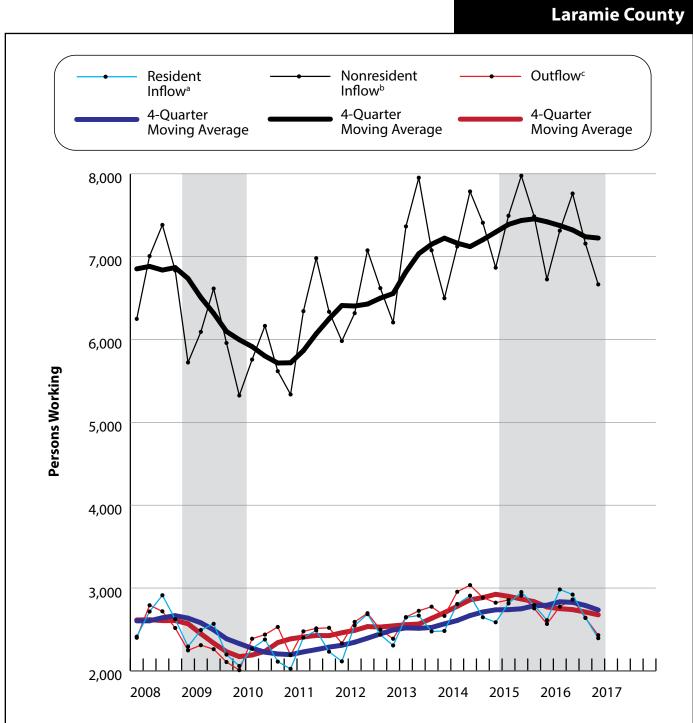
Table 21: Laramie County **Residents by County of Employment (Outflow), 2017Q1** County of % **Employment** Ν 39,951 94.3 Laramie **Total Outflow** 2,431 5.7 **Albany** 556 1.3 Natrona 393 0.9 Campbell 170 0.4 **Platte** 166 0.4 0.2 Carbon 89 Unknown 495 1.2 100.0 Total, All Laramie 42,382 **County Residents** with Wage Records Source: Wyoming Intercounty Commuting Data, 2017Q1.

Figure 11A: Laramie County Residents by County of Employment (Outflow), 2017Q1



**Table 22: Laramie County Employment by County of** Residence (Inflow), 2017Q1 County of Residence N % Laramie 39,951 81.5 **Total Inflow** 9,060 18.5 **Albany** 613 1.3 Natrona 420 0.9 Goshen 227 0.5 Platte 163 0.3 Carbon 136 0.3 Nonresidents 6,665 13.6 **Total Persons** 49,011 100.0 Working in **Laramie County** Nonresidents are individuals for whom demographic data are not available. Source: Wyoming Intercounty Commuting Data, 2017Q1.

Figure 11B: Persons Working in Laramie County by County of Residence (Inflow), 2017Q1



Shaded areas indicate periods of economic downturn: 2009Q1 to 2010Q1 and 2015Q2 to 2017Q1 (most recent data).

Prepared by M. Moore, Research & Planning, WY DWS, 8/18/17.

Figure 11C: Intercounty Commuting Inflow and Outflow for Laramie County, Wyoming, 2008Q1-2017Q1

<sup>&</sup>lt;sup>a</sup>Residents of another Wyoming county coming into Laramie County for employment.

<sup>&</sup>lt;sup>b</sup>Nonresidents are individuals for whom demographic data are not available.

<sup>&</sup>lt;sup>c</sup>Residents of Laramie County going to another Wyoming county for employment.

Source: Research & Planning, Wyoming Department of Workforce Services. (2017). Wyoming Intercounty Commuting Patterns by Year and Quarter, 1992Q1 to 2017Q1.

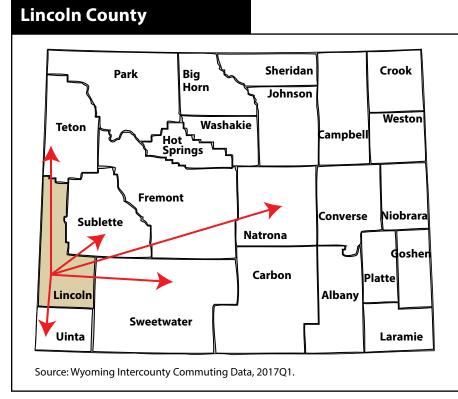
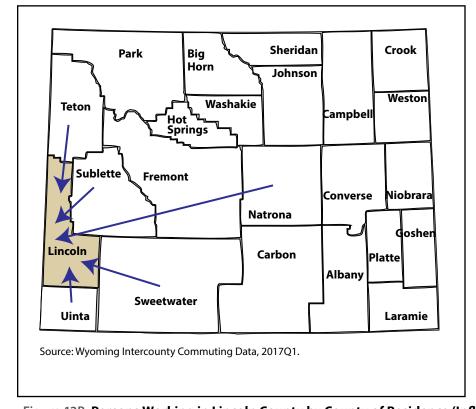


Table 12A: Lincoln County Residents by County of Employment (Outflow), 2017Q1			
County of Employment	N	%	
Lincoln	5,185	72.6	
Total Outflow	1,952	27.4	
Teton	1,170	16.4	
Uinta	166	2.3	
Sweetwater	159	2.2	
Sublette	119	1.7	
Natrona	43	0.6	
Unknown	79	1.1	
Total, All Lincoln County Residents with Wage Records	7,137	100.0	
Source: Wyoming Intercounty Commuting Data, 2017Q1.			

Figure 12A: Lincoln County Residents by County of Employment (Outflow), 2017Q1



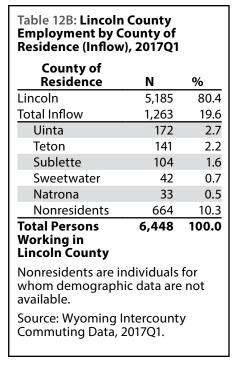


Figure 12B: Persons Working in Lincoln County by County of Residence (Inflow), 2017Q1

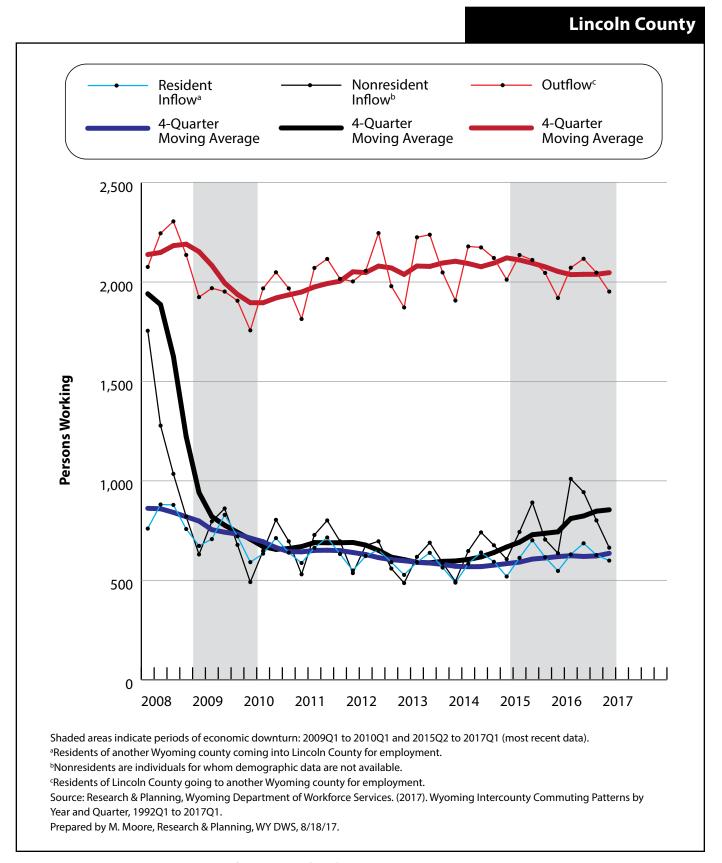


Figure 12C: Intercounty Commuting Inflow and Outflow for Lincoln County, Wyoming, 2008Q1-2017Q1

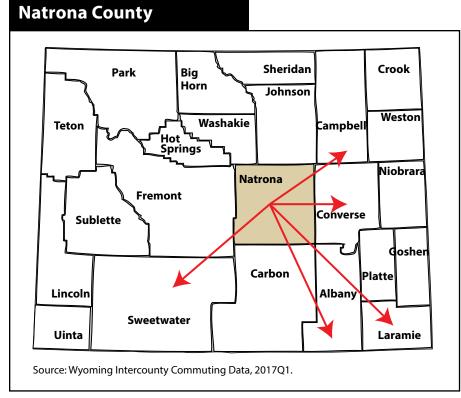


Table 13A: Natrona County Residents by County of Employment (Outflow), 2017Q1			
County of Employment	N	%	
Natrona	35,431	92.5	
Total Outflow	2,858	7.5	
Laramie	420	1.1	
Converse	415	1.1	
Campbell	331	0.9	
Albany	223	0.6	
Sweetwater	195	0.5	
Unknown	437	1.1	
Total, All Natrona County Residents with Wage Records	•	100.0	
Source: Wyoming Intercounty Commuting Data, 2017Q1.			

Figure 13A: Natrona County Residents by County of Employment (Outflow), 2017Q1

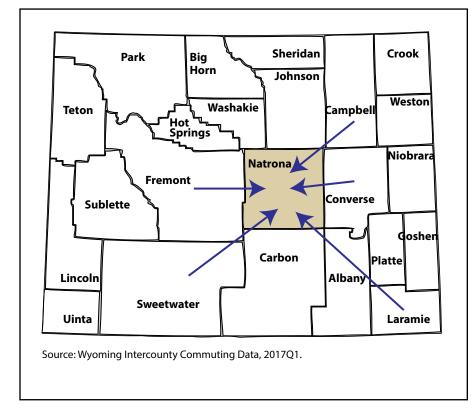


Table 13B: Natrona County Employment by County of Residence (Inflow), 2017Q1				
County of Residence	N	%		
Natrona	35,431	84.9		
Total Inflow	6,313	15.1		
Converse	1,091	2.6		
Laramie	393	0.9		
Campbell	368	0.9		
Fremont	344	0.8		
Sweetwater	279	0.7		
Nonresidents	2,423	5.8		
Total Persons 41,744 100.0 Working in Natrona County				
Nonresidents are individuals for whom demographic data are not available.				
Source: Wyoming Intercounty Commuting Data, 2017Q1.				

Figure 13B: Persons Working in Natrona County by County of Residence (Inflow), 2017Q1

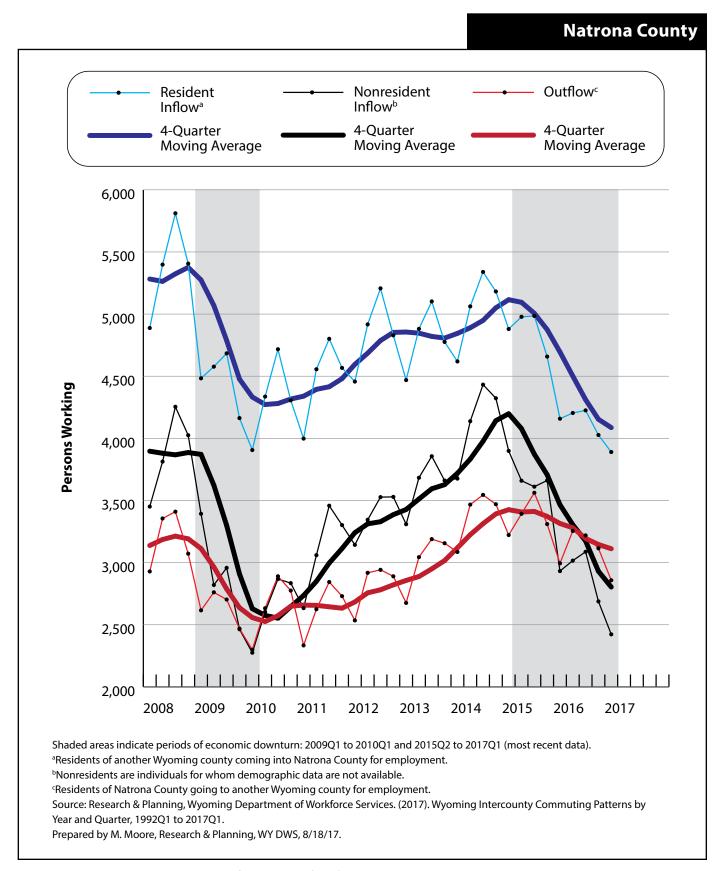


Figure 13C: Intercounty Commuting Inflow and Outflow for Natrona County, Wyoming, 2008Q1-2017Q1

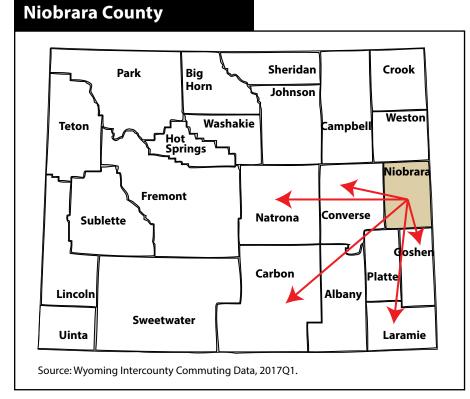
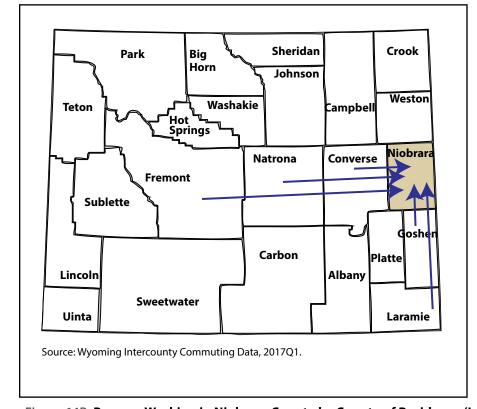


Table 14A: Niobrara County Residents by County of Employment (Outflow), 2017Q1			
County of Employment	N	%	
Niobrara	739	80.1	
Total Outflow	184	19.9	
Converse	39	4.2	
Natrona	32	3.5	
Laramie	27	2.9	
Goshen	15	1.6	
Carbon	12	1.3	
Unknown	10	1.1	
Total, All Niobrara County Residents with Wage Records	923	100.0	
Source: Wyoming Intercounty Commuting Data, 2017Q1.			

Figure 14A: Niobrara County Residents by County of Employment (Outflow), 2017Q1



**Table 14B: Niobrara County Employment by County of** Residence (Inflow), 2017Q1 County of Residence Ν % Niobrara 739 80.1 **Total Inflow** 184 19.9 Converse 20 2.2 Goshen 15 1.6 Natrona 13 1.4 Fremont 10 1.1 Laramie 10 1.1 Nonresidents 63 6.8 **Total Persons** 922 100.0 Working in **Niobrara County** Nonresidents are individuals for whom demographic data are not available. Source: Wyoming Intercounty Commuting Data, 2017Q1.

Figure 14B: Persons Working in Niobrara County by County of Residence (Inflow), 2017Q1

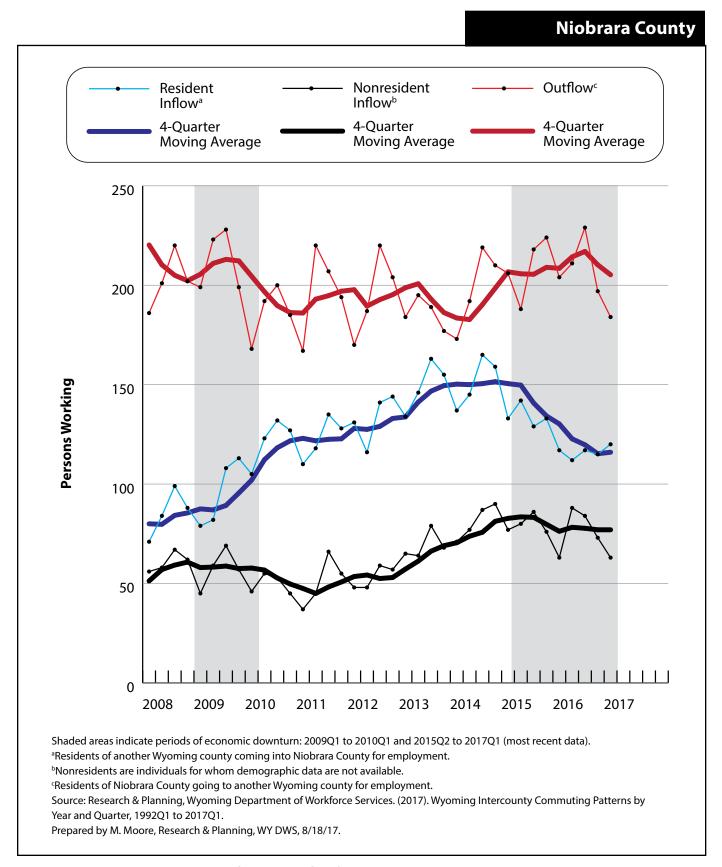
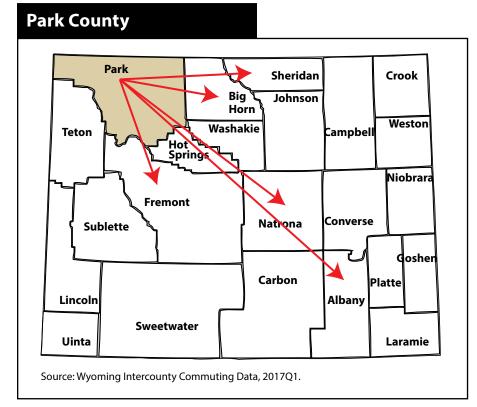
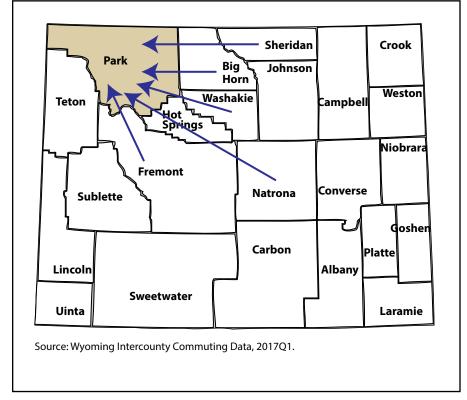


Figure 14C: Intercounty Commuting Inflow and Outflow for Niobrara County, Wyoming, 2008Q1-2017Q1



**Table 15A: Park County Residents** by County of Employment (Outflow), 2017Q1 County of **Employment** % Ν Park 11,060 88.7 **Total Outflow** 1,402 11.3 Big Horn 447 3.6 Natrona 145 1.2 Sheridan 90 0.7 **Albany** 76 0.6 Fremont 76 0.6 Unknown 160 1.3 Total, All Park 12,462 100.0 **County Residents** with Wage Records Source: Wyoming Intercounty Commuting Data, 2017Q1.

Figure 15A: Park County Residents by County of Employment (Outflow), 2017Q1



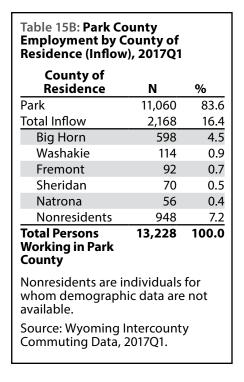


Figure 15B: Persons Working in Park County by County of Residence (Inflow), 2017Q1

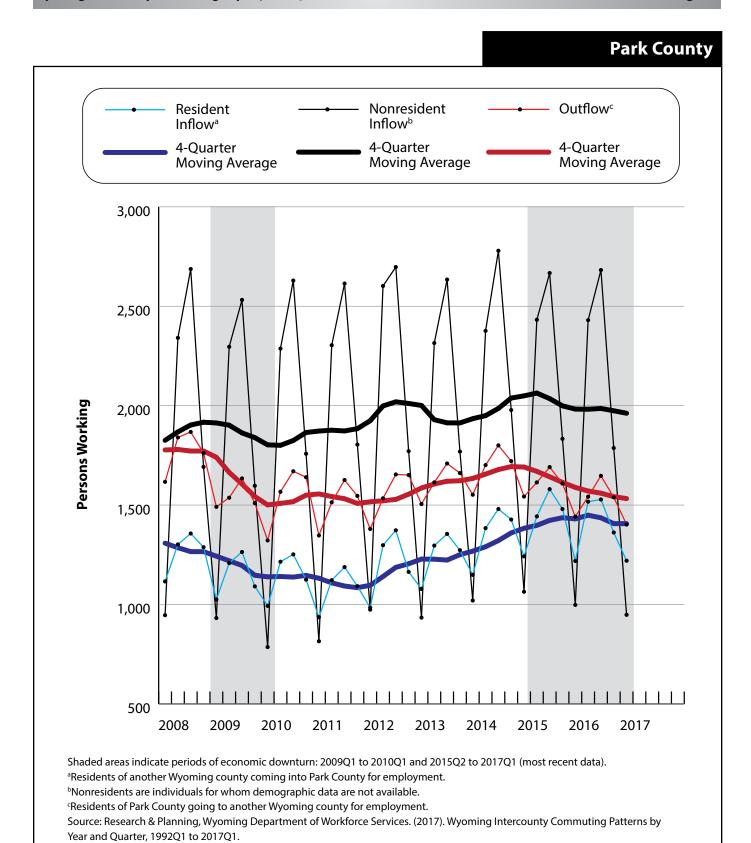


Figure 15C: Intercounty Commuting Inflow and Outflow for Park County, Wyoming, 2008Q1-2017Q1

Prepared by M. Moore, Research & Planning, WY DWS, 8/18/17.

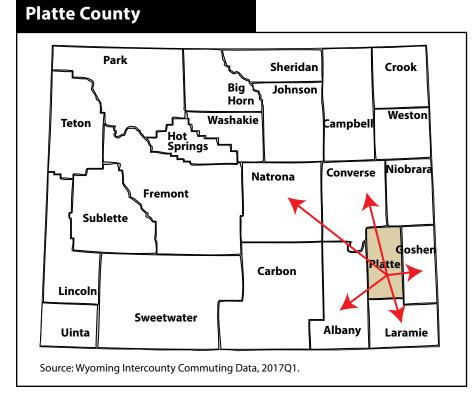
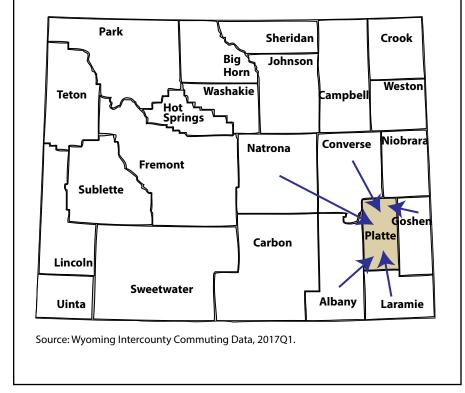


Table 16A: Platte County Residents by County of Employment (Outflow), 2017Q1		
County of Employment	N	%
Platte	2,881	81.5
Total Outflow	652	18.5
Laramie	163	4.6
Converse	99	2.8
Albany	69	2.0
Goshen	68	1.9
Natrona	61	1.7
Unknown	36	1.0
Total, All Platte County Residents with Wage Records	3,533	100.0
Source: Wyoming Intercounty Commuting Data, 2017Q1.		

Figure 16A: Platte County Residents by County of Employment (Outflow), 2017Q1



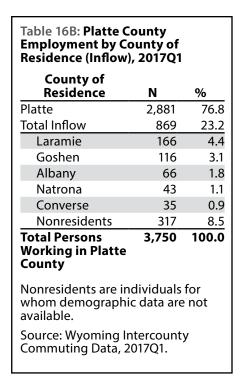


Figure 16B: Persons Working in Platte County by County of Residence (Inflow), 2017Q1

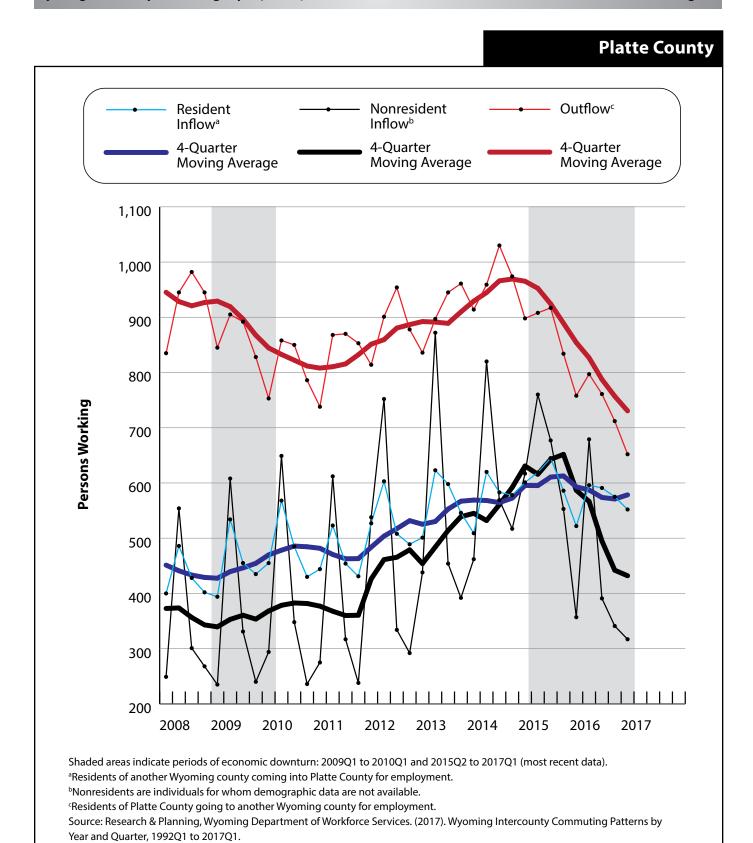


Figure 16C: Intercounty Commuting Inflow and Outflow for Platte County, Wyoming, 2008Q1-2017Q1

Prepared by M. Moore, Research & Planning, WY DWS, 8/18/17.

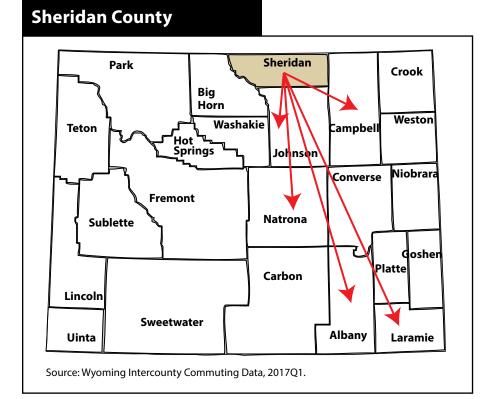
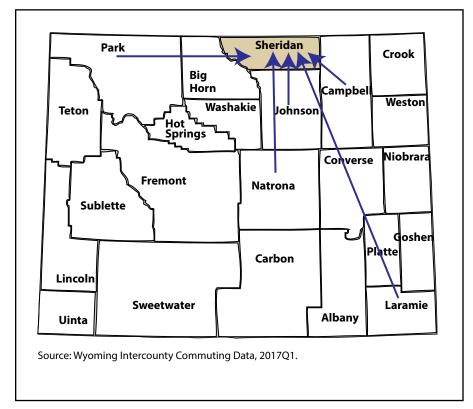


Table 17A: Sheridan County Residents by County of Employment (Outflow), 2017Q1		
County of Employment	N	%
Sheridan	11,510	90.6
Total Outflow	1,194	9.4
Campbell	234	1.8
Johnson	182	1.4
Natrona	181	1.4
Albany	79	0.6
Laramie	73	0.6
Unknown	108	0.9
Total, All Sheridan County Residents with Wage Records	12,704	100.0
Source: Wyoming Intercounty Commuting Data, 2017Q1.		

Figure 17A: Sheridan County Residents by County of Employment (Outflow), 2017Q1



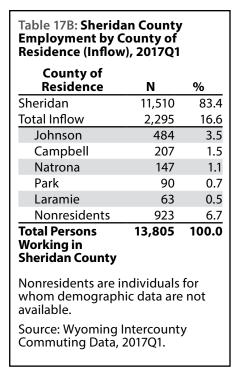


Figure 17B: Persons Working in Sheridan County by County of Residence (Inflow), 2017Q1

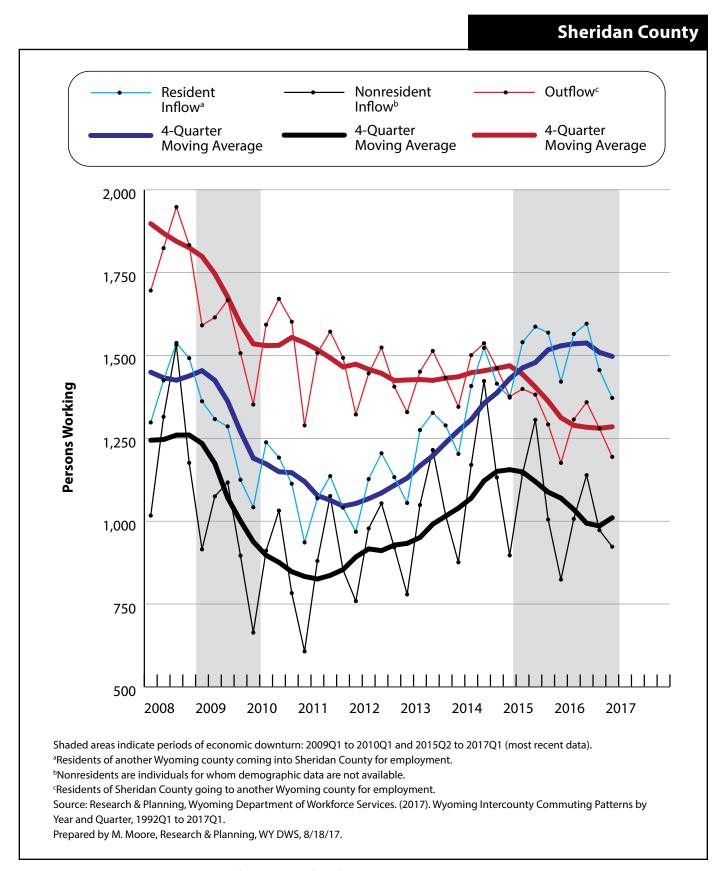


Figure 17C: Intercounty Commuting Inflow and Outflow for Sheridan County, Wyoming, 2008Q1-2017Q1

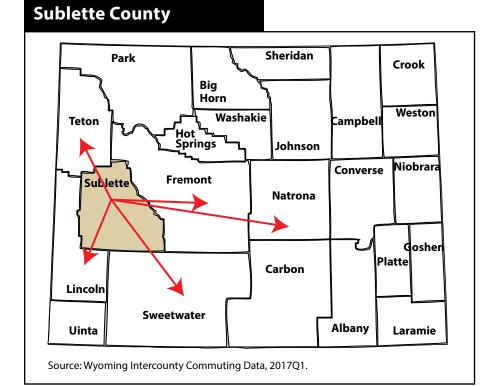


Table 18A: Sublette County Residents by County of Employment (Outflow), 2017Q1		
County of Employment	N	%
Sublette	3,086	82.3
Total Outflow	662	17.7
Teton	185	4.9
Sweetwater	129	3.4
Lincoln	104	2.8
Natrona	56	1.5
Fremont	53	1.4
Unknown	31	0.8
Total, All Sublette County Residents with Wage Records	3,748	100.0
Source: Wyoming Intercounty Commuting Data, 2017Q1.		

Figure 18A: Sublette County Residents by County of Employment (Outflow), 2017Q1

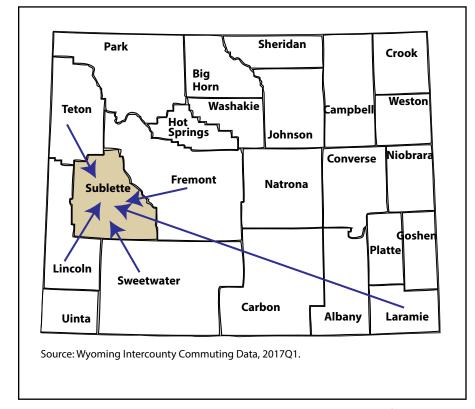


Table 18B: Sublette County **Employment by County of** Residence (Inflow), 2017Q1 County of Residence % 76.2 Sublette 3,086 Total Inflow 963 23.8 Sweetwater 120 3.0 Lincoln 119 2.9 Fremont 71 1.8 Teton 34 0.8 30 0.7 Laramie Nonresidents 483 11.9 **Total Persons** 4,049 100.0 Working in **Sublette County** Nonresidents are individuals for whom demographic data are not available. Source: Wyoming Intercounty Commuting Data, 2017Q1.

Figure 18B: Persons Working in Sublette County by County of Residence (Inflow), 2017Q1

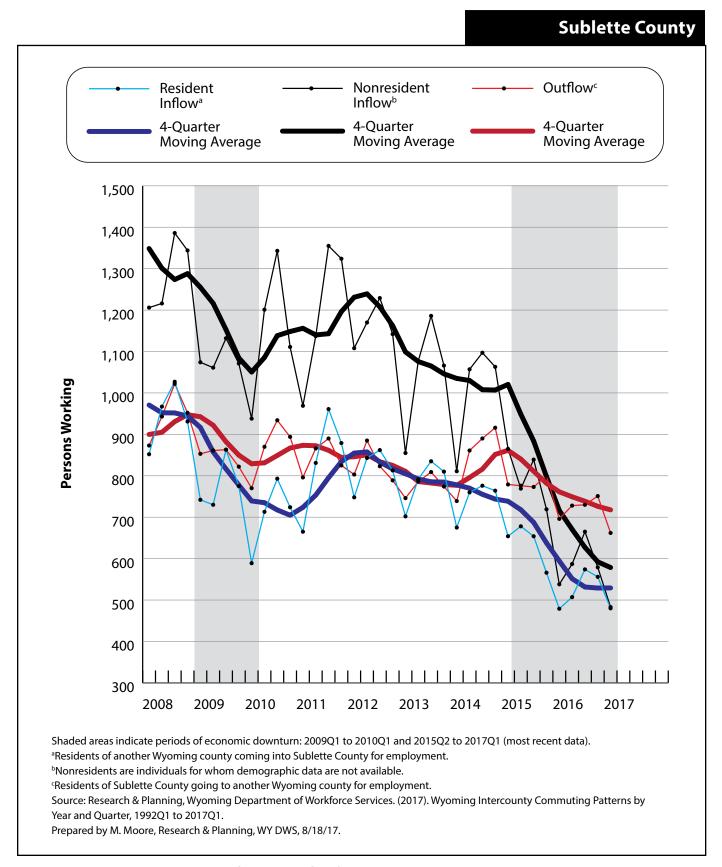


Figure 18C: Intercounty Commuting Inflow and Outflow for Sublette County, Wyoming, 2008Q1-2017Q1

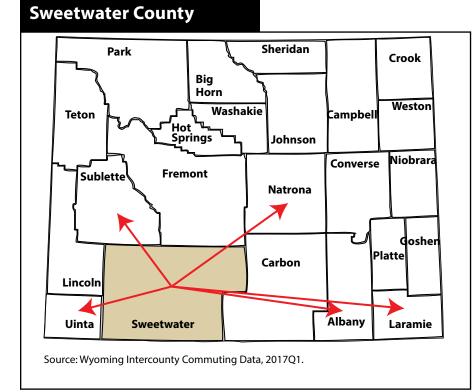
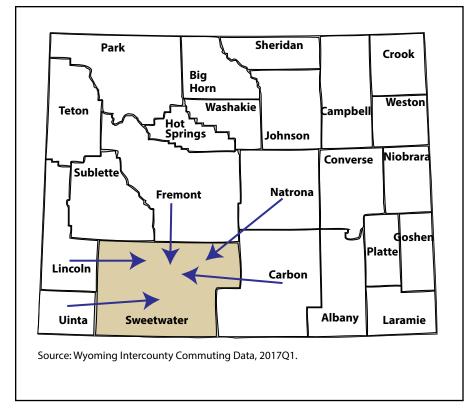


Table 19A: Sweetwater County Residents by County of Employment (Outflow), 2017Q1		
County of Employment	N	%
Sweetwater	19,438	92.9
Total Outflow	1,496	7.1
Natrona	279	1.3
Uinta	209	1.0
Sublette	120	0.6
Albany	111	0.5
Laramie	101	0.5
Unknown	279	1.3
Total, All Sweetwater County Residents with Wage Records	20,934	100.0
Source: Wyoming Intercounty Commuting Data, 2017Q1.		

Figure 19A: Sweetwater County Residents by County of Employment (Outflow), 2017Q1



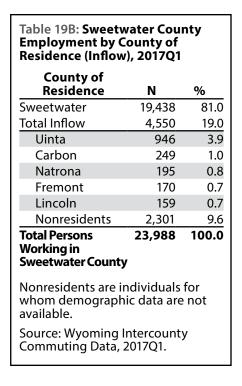
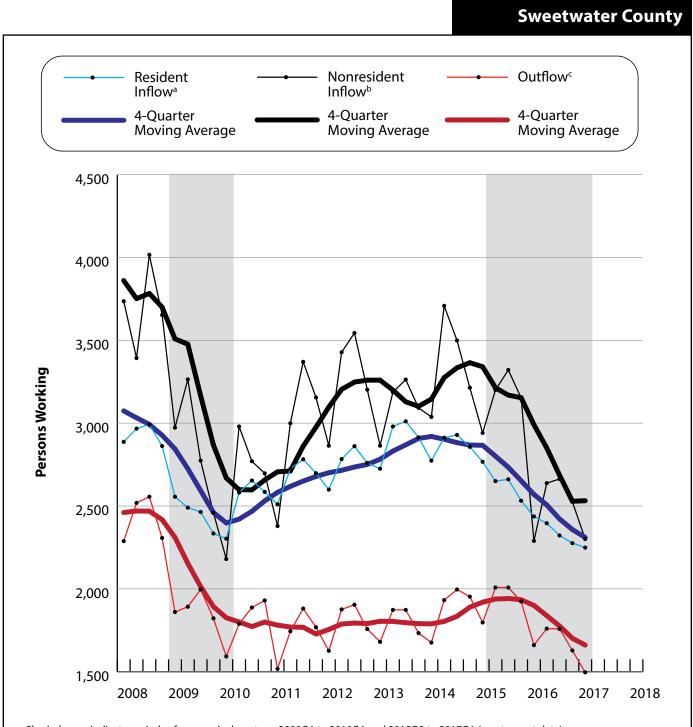


Figure 19B: Persons Working in Sweetwater County by County of Residence (Inflow), 2017Q1



Shaded areas indicate periods of economic downturn: 2009Q1 to 2010Q1 and 2015Q2 to 2017Q1 (most recent data).

Prepared by M. Moore, Research & Planning, WY DWS, 8/18/17.

Figure 19C: Intercounty Commuting Inflow and Outflow for Sweetwater County, Wyoming, 2008Q1-2017Q1

 $<sup>{}^{\</sup>mathtt{a}} \text{Residents of another Wyoming county coming into Sweetwater County for employment.}$ 

<sup>&</sup>lt;sup>b</sup>Nonresidents are individuals for whom demographic data are not available.

<sup>&</sup>lt;sup>c</sup>Residents of Sweetwater County going to another Wyoming county for employment.

Source: Research & Planning, Wyoming Department of Workforce Services. (2017). Wyoming Intercounty Commuting Patterns by Year and Quarter, 1992Q1 to 2017Q1.

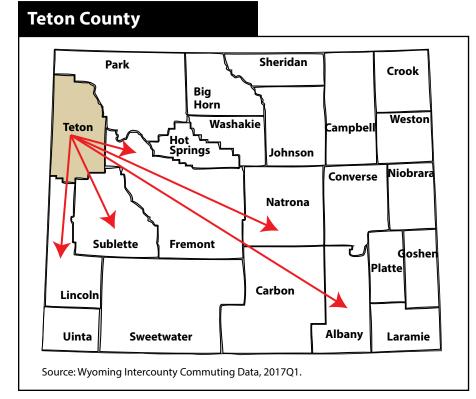
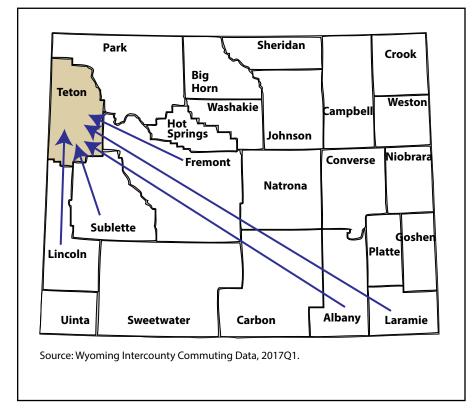


Table 20A: Teton County Residents by County of Employment (Outflow), 2017Q1		
County of Employment	N	%
Teton	12,599	96.0
Total Outflow	522	4.0
Lincoln	141	1.1
Fremont	54	0.4
Natrona	51	0.4
Albany	37	0.3
Sublette	34	0.3
Unknown	74	0.6
Total, All Teton County Residents with Wage Records	13,121	100.0
Source: Wyoming Intercounty Commuting Data, 2017Q1.		

Figure 20A: Teton County Residents by County of Employment (Outflow), 2017Q1



**Table 20B: Teton County Employment by County of** Residence (Inflow), 2017Q1 County of Residence Ν % Teton 12,599 57.0 **Total Inflow** 9,516 43.0 Lincoln 1,170 5.3 Sublette 185 0.8 Fremont 110 0.5 **Albany** 81 0.4 Laramie 69 0.3 Nonresidents 7,670 34.7 **Total Persons** 22,115 100.0 **Working in Teton** County Nonresidents are individuals for whom demographic data are not available. Source: Wyoming Intercounty Commuting Data, 2017Q1.

Figure 20B: Persons Working in Teton County by County of Residence (Inflow), 2017Q1

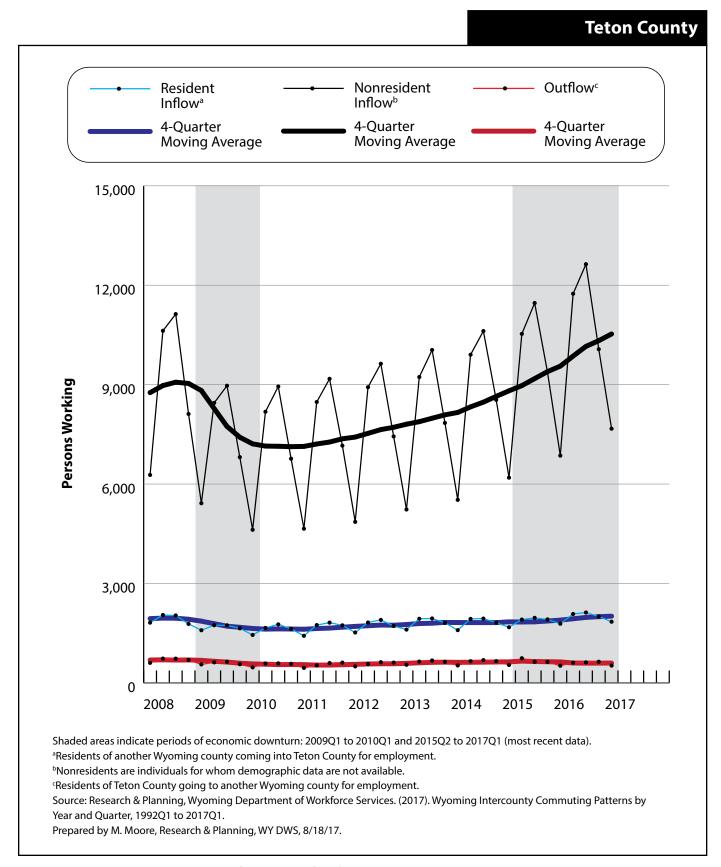


Figure 20C: Intercounty Commuting Inflow and Outflow for Teton County, Wyoming, 2008Q1-2017Q1

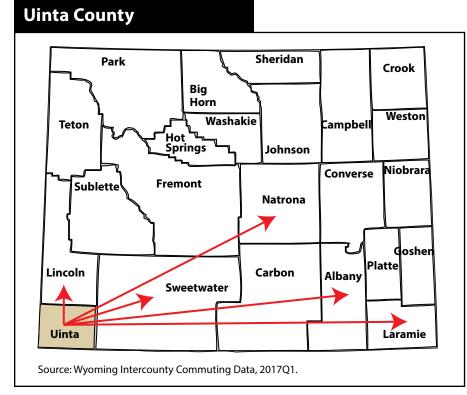


Table 21A: Uinta County Residents by County of Employment (Outflow), 2017Q1			
County of Employment	N	%	
Uinta	7,433	82.8	
Total Outflow	1,540	17.2	
Sweetwater	946	10.5	
Lincoln	172	1.9	
Natrona	66	0.7	
Laramie	58	0.6	
Albany	54	0.6	
Unknown	114	1.3	
Total, All Uinta County Residents with Wage Records	8,973	100.0	
Source: Wyoming Intercounty Commuting Data, 2017Q1.			

Figure 21A: Uinta County Residents by County of Employment (Outflow), 2017Q1

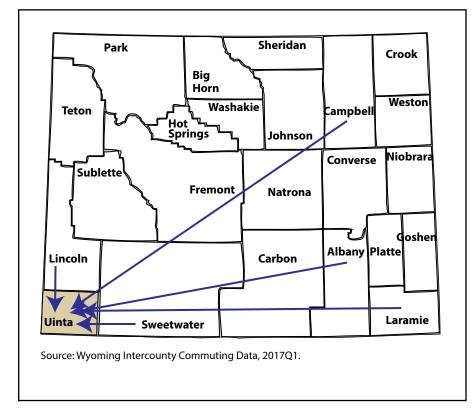


Table 21B: Uinta County Employment by County of Residence (Inflow), 2017Q1		
County of Residence	N	%
Uinta	7,433	81.6
Total Inflow	1,681	18.4
Sweetwater	209	2.3
Lincoln	166	1.8
Laramie	41	0.4
Campbell	39	0.4
Albany	36	0.4
Nonresidents	868	9.5
Total Persons Working in Uinta County	9,114	100.0
Nonresidents are individuals for whom demographic data are not available.		
Source: Wyoming Intercounty Commuting Data, 2017Q1.		

Figure 21B: Persons Working in Uinta County by County of Residence (Inflow), 2017Q1

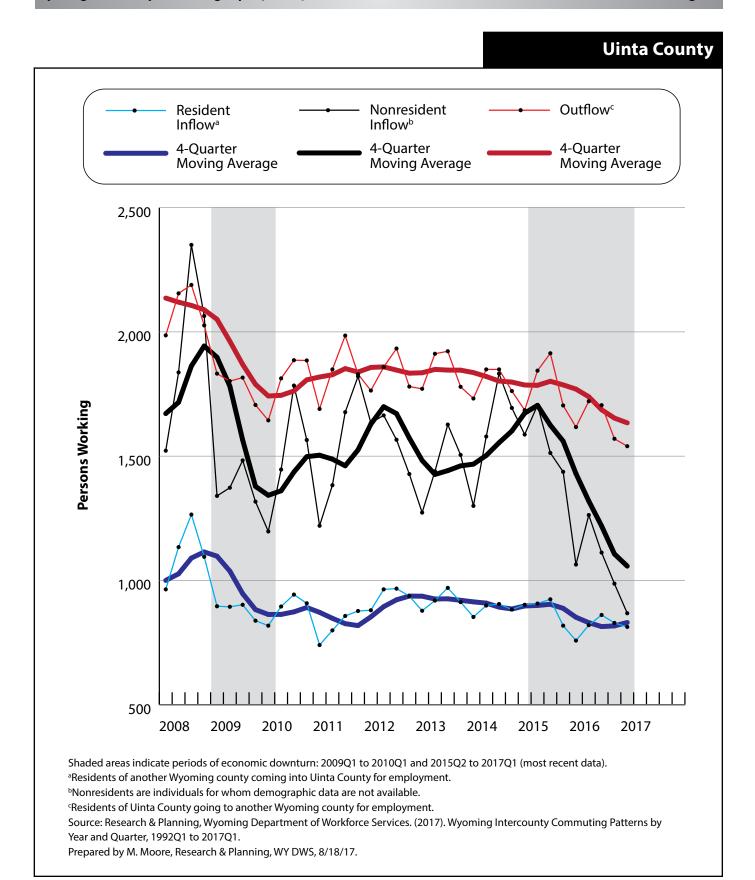


Figure 21C: Intercounty Commuting Inflow and Outflow for Uinta County, Wyoming, 2008Q1-2017Q1

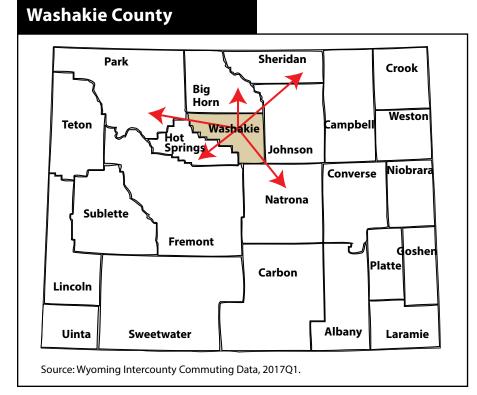
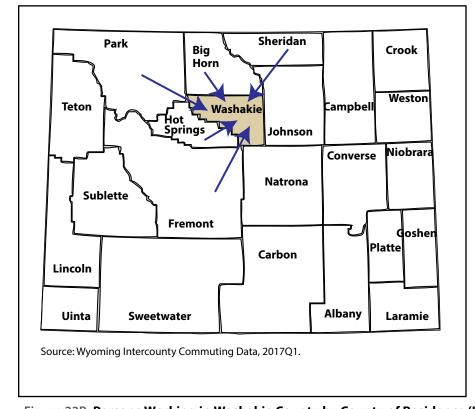


Table 22A: Washakie County Residents by County of Employment (Outflow), 2017Q1		
County of Employment	N	%
Washakie	3,099	80.8
Total Outflow	738	19.2
Park	114	3.0
Hot Springs	80	2.1
Big_Horn	77	2.0
Natrona	62	1.6
Sheridan	37	1.0
Unknown	34	0.9
Total, All Washakie County Residents with Wage Records	3,837	100.0
Source: Wyoming Intercounty Commuting Data, 2017Q1.		

Figure 22A: Washakie County Residents by County of Employment (Outflow), 2017Q1



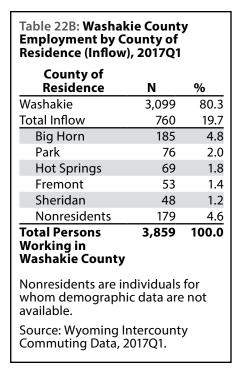


Figure 22B: Persons Working in Washakie County by County of Residence (Inflow), 2017Q1

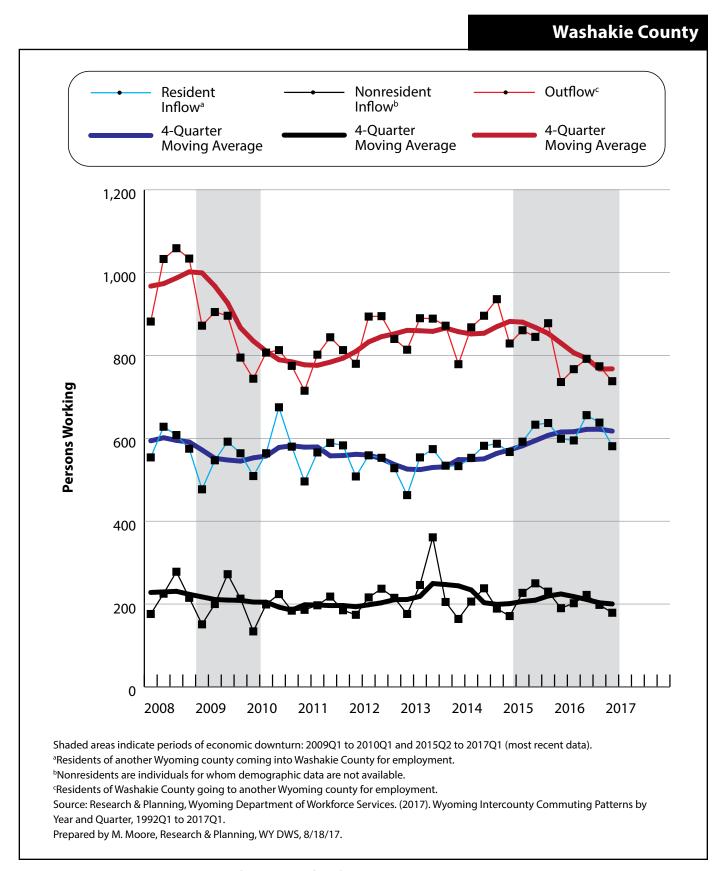
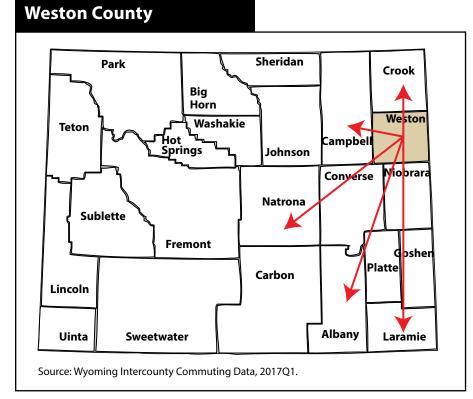


Figure 22C: Intercounty Commuting Inflow and Outflow for Washakie County, Wyoming, 2008Q1-2017Q1



**Table 23A: Weston County Residents by County of** Employment (Outflow), 2017Q1 County of **Employment** % N Weston 1,895 66.9 **Total Outflow** 936 33.1 Campbell 657 23.2 Crook 84 3.0 78 Natrona 2.8 Laramie 23 0.8 15 **Albany** 0.5 Unknown 10 0.4 Total, All Weston 2,831 100.0 **County Residents** with Wage Records Source: Wyoming Intercounty Commuting Data, 2017Q1.

Figure 23A: Weston County Residents by County of Employment (Outflow), 2017Q1

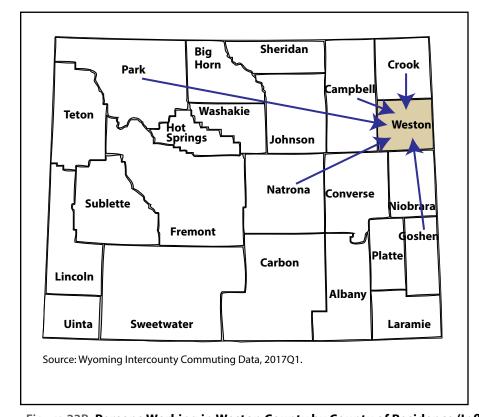


Table 23B: Weston County **Employment by County of** Residence (Inflow), 2017Q1 County of Residence Ν % Weston 1,895 77.0 **Total Inflow** 565 23.0 Campbell 110 4.5 Crook 60 2.4 Park 15 0.6 Natrona 14 0.6 Goshen 12 0.5 Nonresidents 289 11.7 **Total Persons** 2,460 100.0 Working in **Weston County** Nonresidents are individuals for whom demographic data are not available. Source: Wyoming Intercounty Commuting Data, 2017Q1.

Figure 23B: Persons Working in Weston County by County of Residence (Inflow), 2017Q1

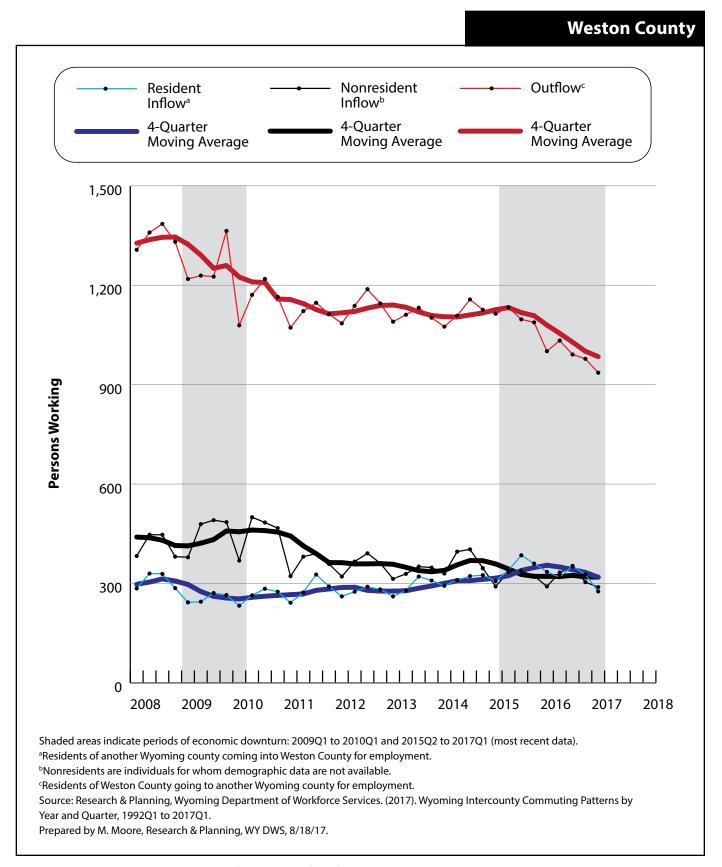


Figure 23C: Intercounty Commuting Inflow and Outflow for Weston County, Wyoming, 2008Q1-2017Q1



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