

Wyoming Department of Workforce Services
Research & Planning

The Context of Wyoming's
Current Economic Downturn
Presented by Tom Gallagher, R&P Manager

Wyoming Workforce Development Council, May 13, 2016

Research & Planning

<http://doe.state.wy.us/LMI>

OUR ORGANIZATION:

R&P is a separate, exclusively statistical entity.

WHAT WE DO:

R&P collects, analyzes, and publishes timely and accurate labor market information (LMI) meeting established statistical standards.

OUR CUSTOMERS:

LMI makes the labor market more efficient by providing the public and the public's representatives with the basis for informed decision making.



Research & Planning
Wyoming DWS

The Context of Wyoming's Current Economic Downturn

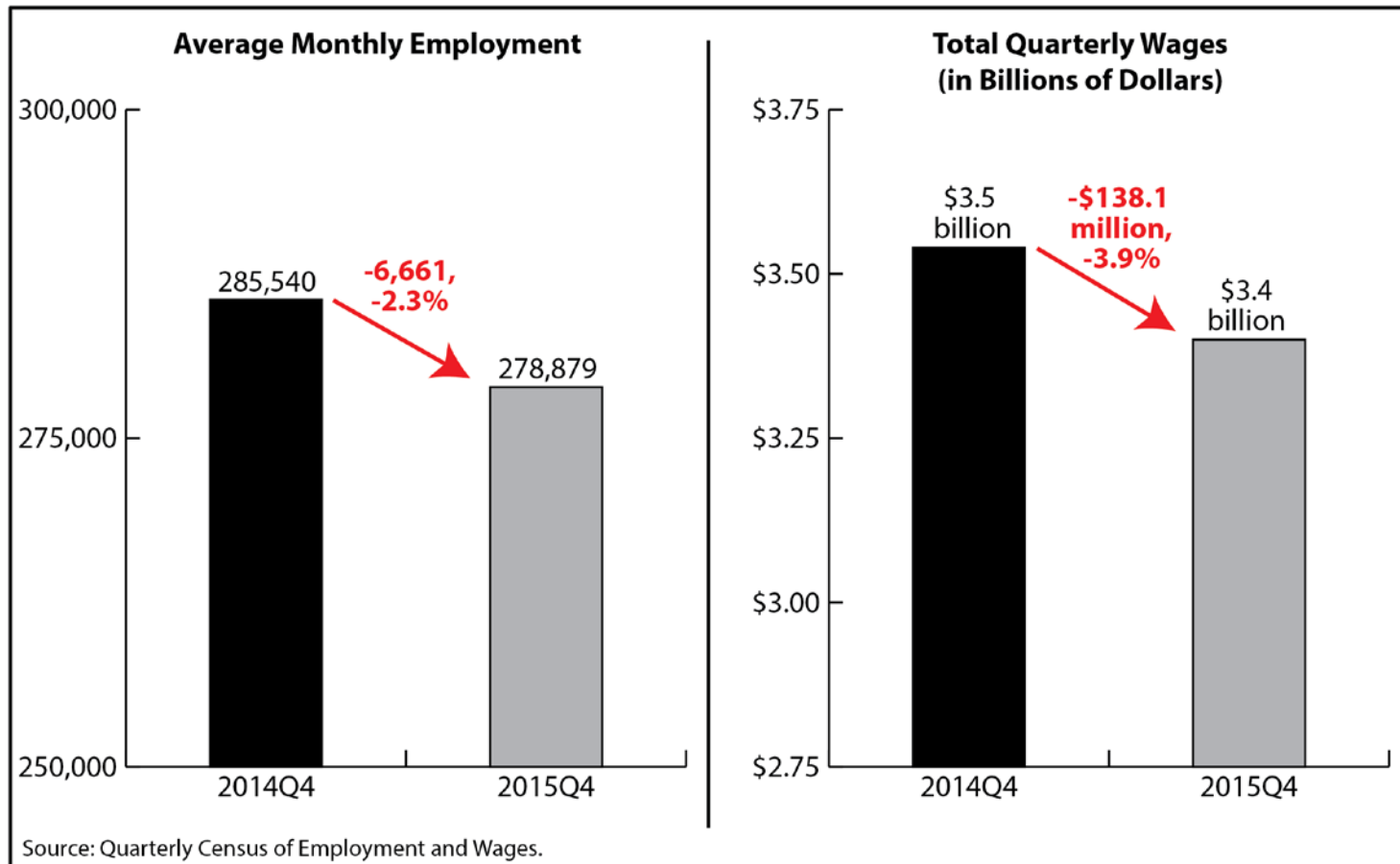
- I. Overview: Wyoming in 2015 and 2016
- II. Wyoming's Mining Sector
- III. Regional Trends During Wyoming's Economic Downturns

I. Overview: Wyoming in 2015 and 2016

- Employment and Wages
- Employment and Wages by County
- Natrona County
- Sweetwater County
- Unemployment Insurance Claims

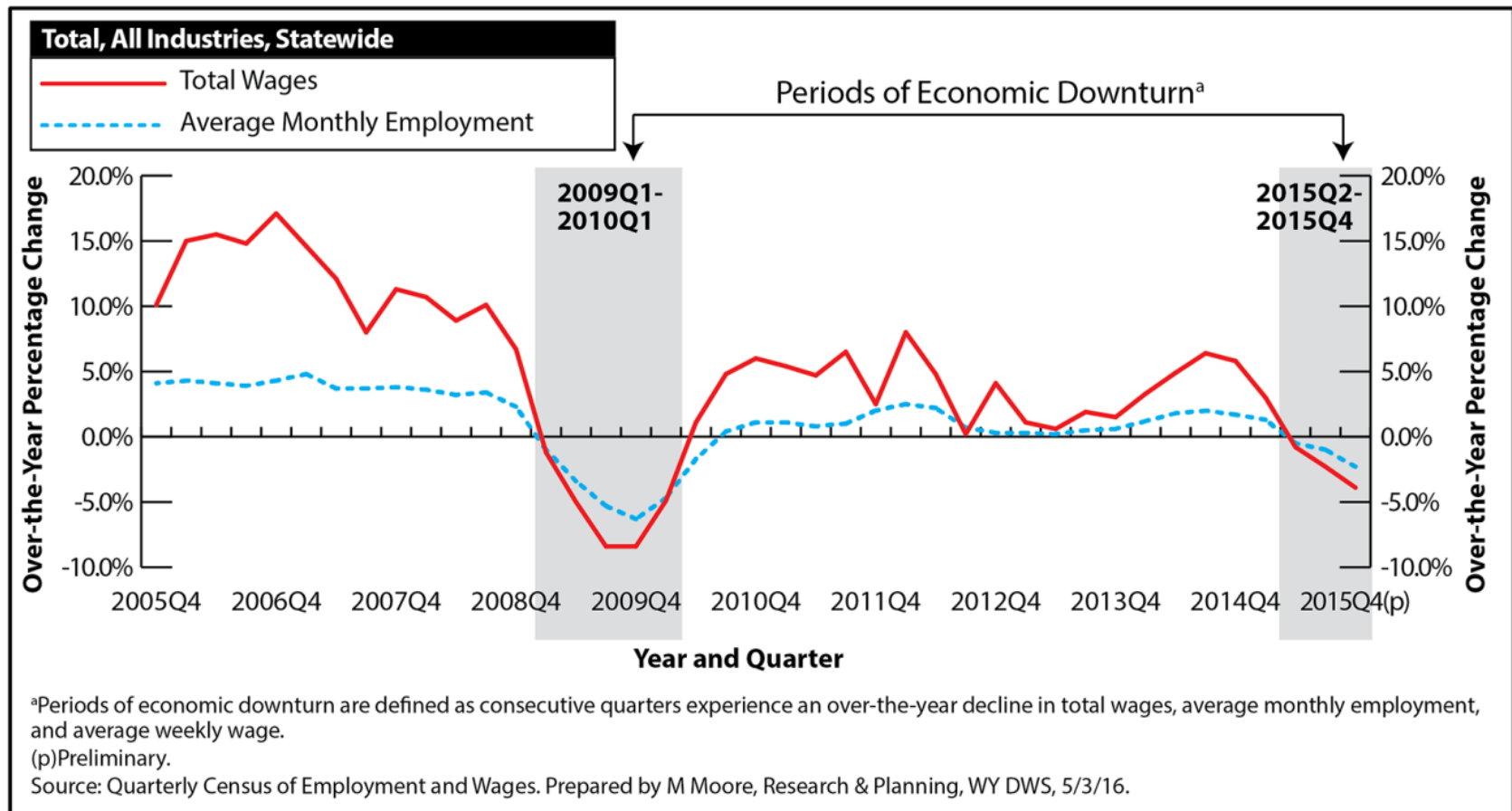
Wyoming Employment and Wages, 2014Q4 and 2015Q4

Figure 1: Average Monthly Employment and Total Wages for Wyoming, 2014Q4 and 2015Q4



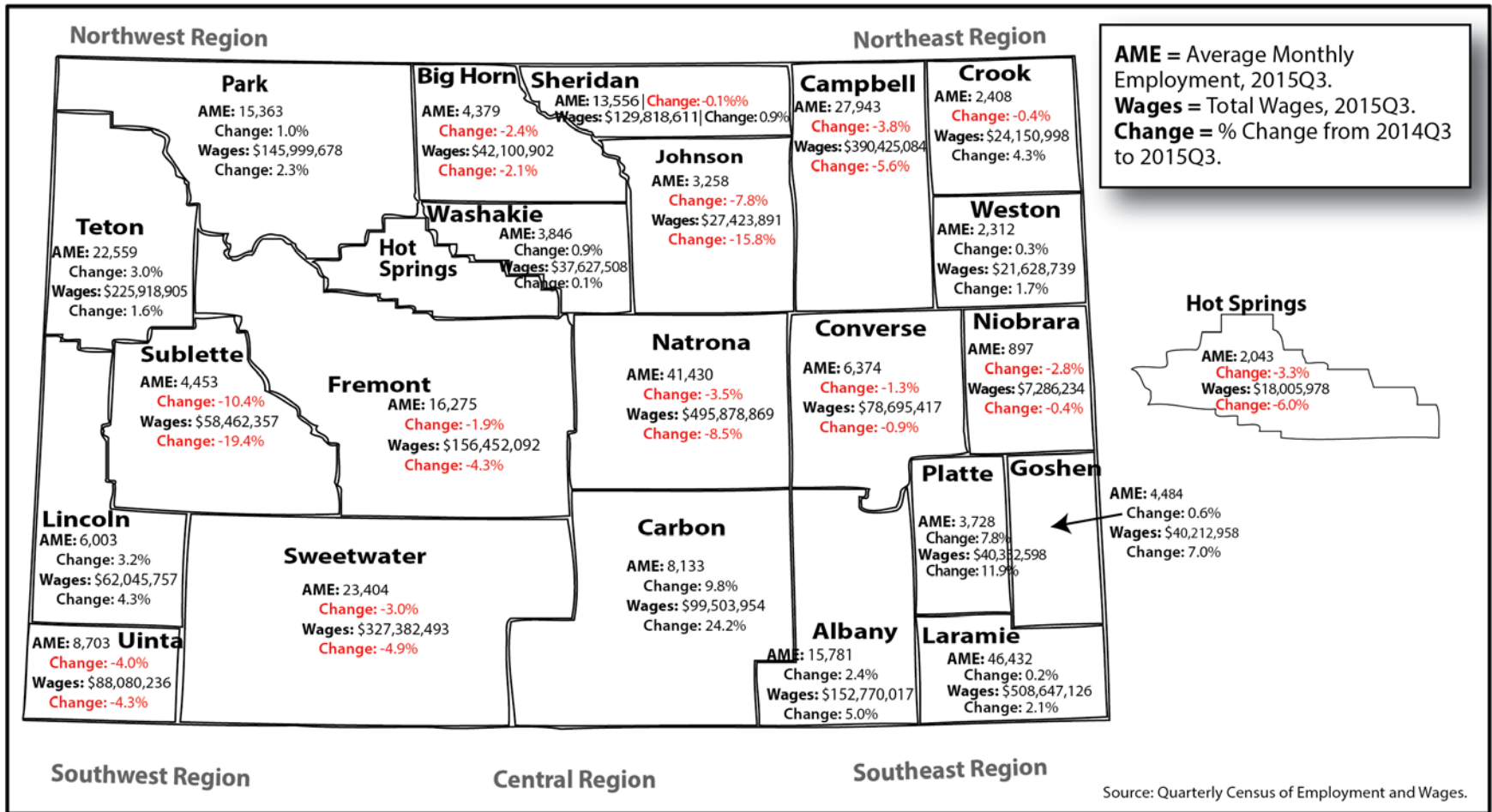
Wyoming Employment and Wages, 2005Q4 to 2015Q4

Figure 2: Over-the-Year Percentage Change in Total Wages and Average Monthly Employment Across All Industries in Wyoming, 2005Q4 to 2015Q4



Wyoming Employment and Wages by County, 2005Q3 to 2015Q3

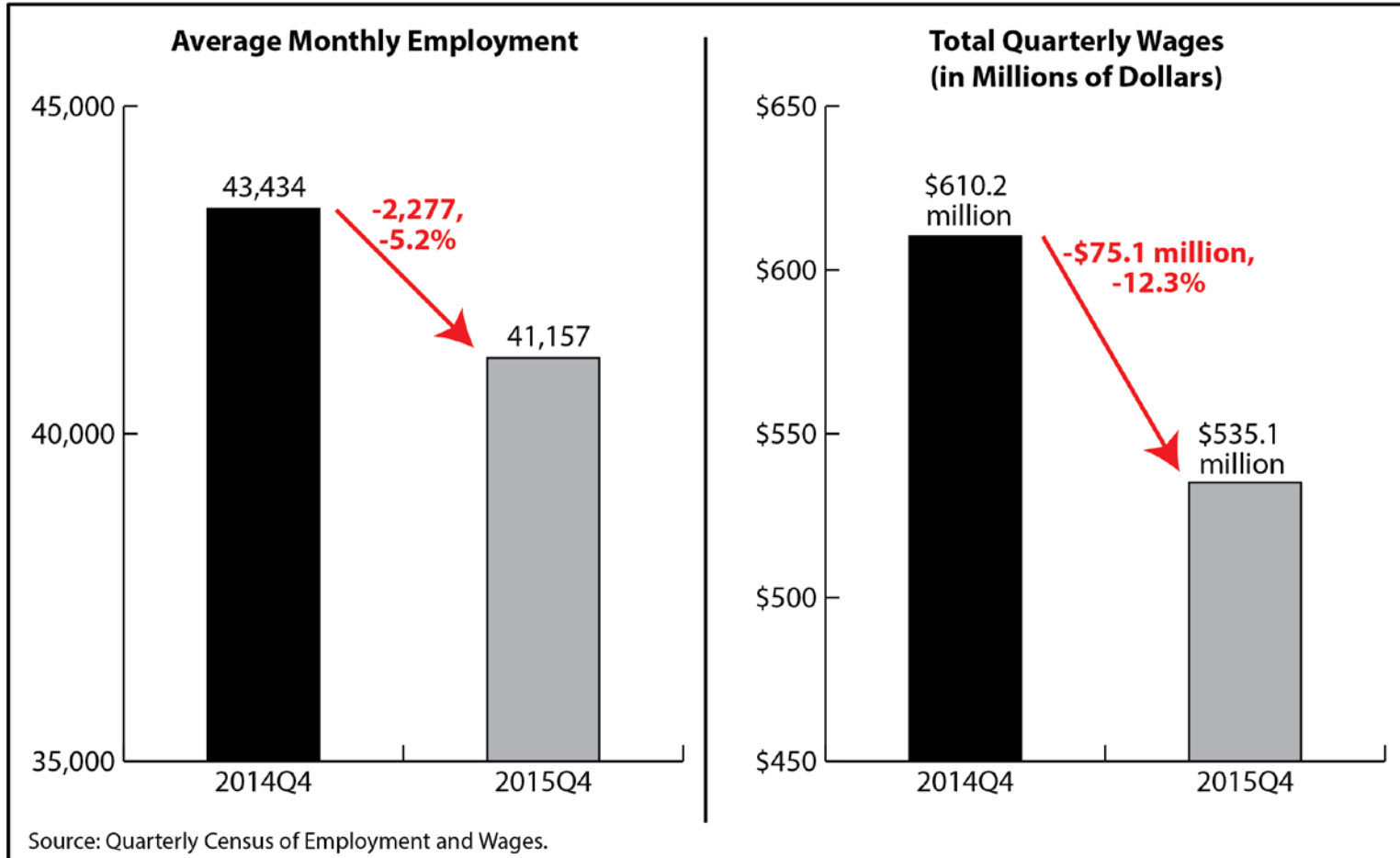
Figure 3: Average Monthly Employment and Total Wages in Wyoming by County, 2015Q3



Source: Quarterly Census of Employment and Wages.

Natrona County

Figure 4: Average Monthly Employment and Total Wages for Natrona County, 2014Q4 and 2015Q4



Natrona County

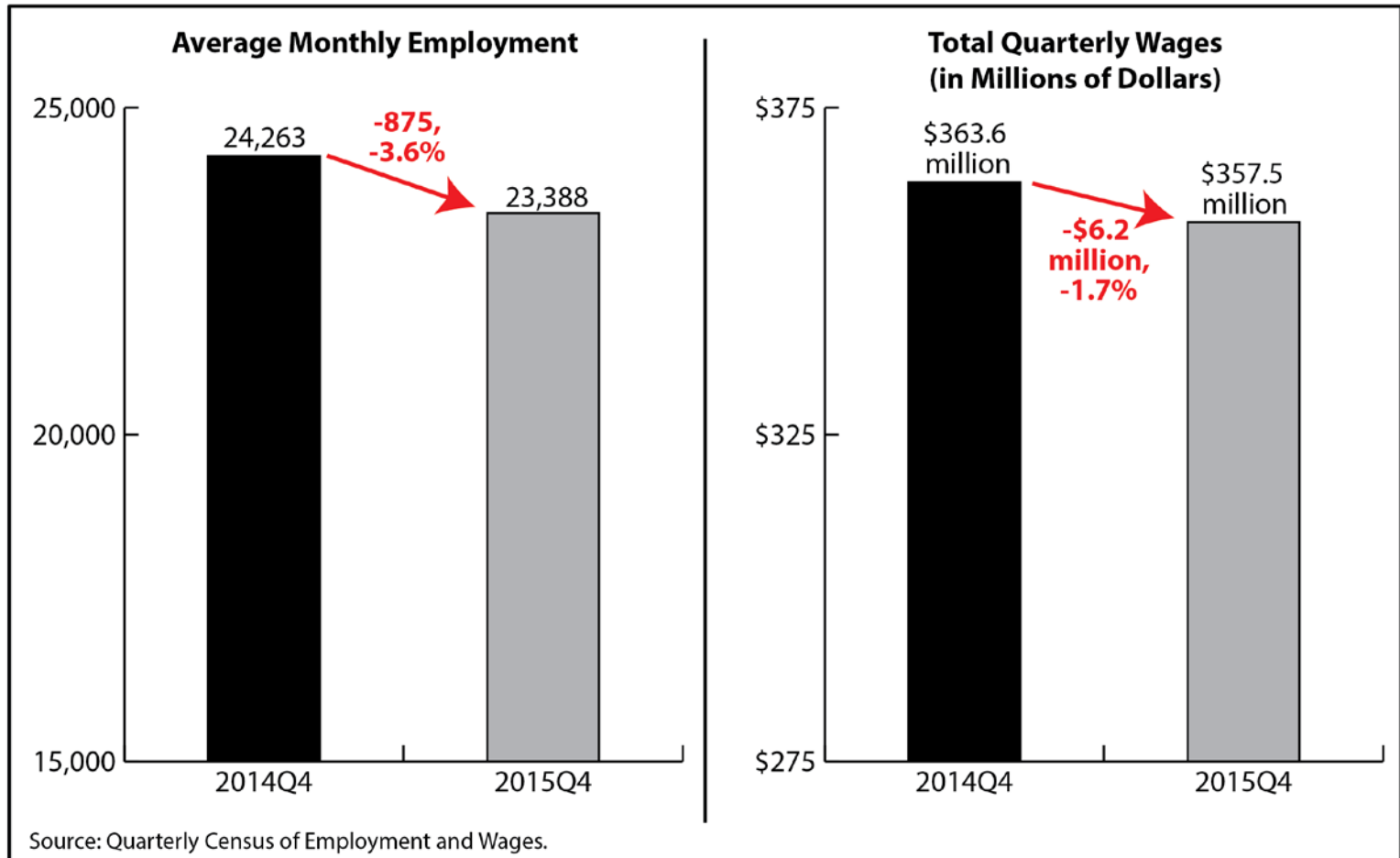
Table 1: Average Monthly Employment and Total Wages for Natrona County by Industry, 2014Q4 and 2015Q4

Natrona County								
Industry	Average Monthly Employment				Total Wages			
	2014Q4	2015Q4	Change		2014Q4	2015Q4	Change	
			N	%			\$	%
Total	43,434	41,157	-2,277	-5.2	\$610,231,737	\$535,081,478	-\$75,150,259	-12.3
Private	37,543	35,201	-2,342	-6.2	\$538,784,932	\$461,791,776	-\$76,993,156	-14.3
Agriculture, Forestry, Fishing, & Hunting	126	124	-2	-1.6	1,035,037	1,075,564	40,527	3.9
Mining, Quarrying, & Oil & Gas Extraction	4,638	3,024	-1,614	-34.8	122,137,780	69,855,808	-52,281,972	-42.8
Utilities	147	145	-2	-1.4	3,556,075	3,648,092	92,017	2.6
Construction	3,502	3,522	20	0.6	56,241,791	54,448,176	-1,793,615	-3.2
Manufacturing	1,838	1,578	-260	-14.1	29,048,904	23,797,862	-5,251,042	-18.1
Wholesale Trade	2,900	2,708	-192	-6.6	57,986,070	47,919,678	-10,066,392	-17.4
Retail Trade	5,048	5,158	110	2.2	39,992,215	39,104,968	-887,247	-2.2
Transportation & Warehousing	1,458	1,340	-118	-8.1	23,942,421	18,946,400	-4,996,021	-20.9
Information	422	424	2	0.5	4,529,174	4,622,793	93,619	2.1
Finance & Insurance	1,054	1,057	3	0.3	16,037,687	16,764,419	726,732	4.5
Real Estate & Rental & Leasing	1,043	926	-117	-11.2	14,000,886	12,436,266	-1,564,620	-11.2
Professional & Technical Services	1,542	1,394	-148	-9.6	29,805,550	28,079,592	-1,725,958	-5.8
Mgmt. of Companies & Enterprises	192	228	36	18.8	4,361,953	5,237,380	875,427	20.1
Administrative & Waste Services	1,305	1,313	8	0.6	11,111,969	11,580,510	468,541	4.2
Educational Services	124	138	14	11.3	711,308	757,125	45,817	6.4
Health Care & Social Assistance	5,865	6,035	170	2.9	84,698,193	86,556,398	1,858,205	2.2
Ambulatory Health Care Services	2,190	2,278	88	4.0	47,323,115	47,516,416	193,301	0.4
Hospitals	1,634	1,700	66	4.0	23,345,887	25,037,910	1,692,023	7.2
Nursing & Residential Care Facilities	957	903	-54	-5.6	7,921,703	7,719,678	-202,025	-2.6
Social Assistance	1,083	1,154	71	6.6	6,107,488	6,282,394	174,906	2.9
Arts, Entertainment, & Recreation	484	479	-5	-1.0	1,959,099	2,136,413	177,314	9.1
Accommodation & Food Services	4,177	4,089	-88	-2.1	18,642,381	18,125,066	-517,315	-2.8
Other Services, except Public Admin.	1,678	1,520	-158	-9.4	18,986,439	16,699,266	-2,287,173	-12.0
Total Government	5,891	5,956	65	1.1	\$71,446,805	\$73,289,702	\$1,842,897	2.6
Federal Government	629	626	-3	-0.5	10,135,446	10,622,815	487,369	4.8
State Government	706	709	3	0.4	9,674,195	10,053,270	379,075	3.9
Local Government	4,556	4,620	64	1.4	51,637,164	52,613,617	976,453	1.9
Local Government Education	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D

N/D = Not discloseable due to confidentiality.
Source: Quarterly Census of Employment and Wages. Preliminary: subject to revision.
Prepared by N. Brennan, Research & Planning, WY DWS, 5/2/16.

Sweetwater County

Figure 5: Average Monthly Employment and Total Wages for Sweetwater County, 2014Q4 and 2015Q4



Sweetwater County

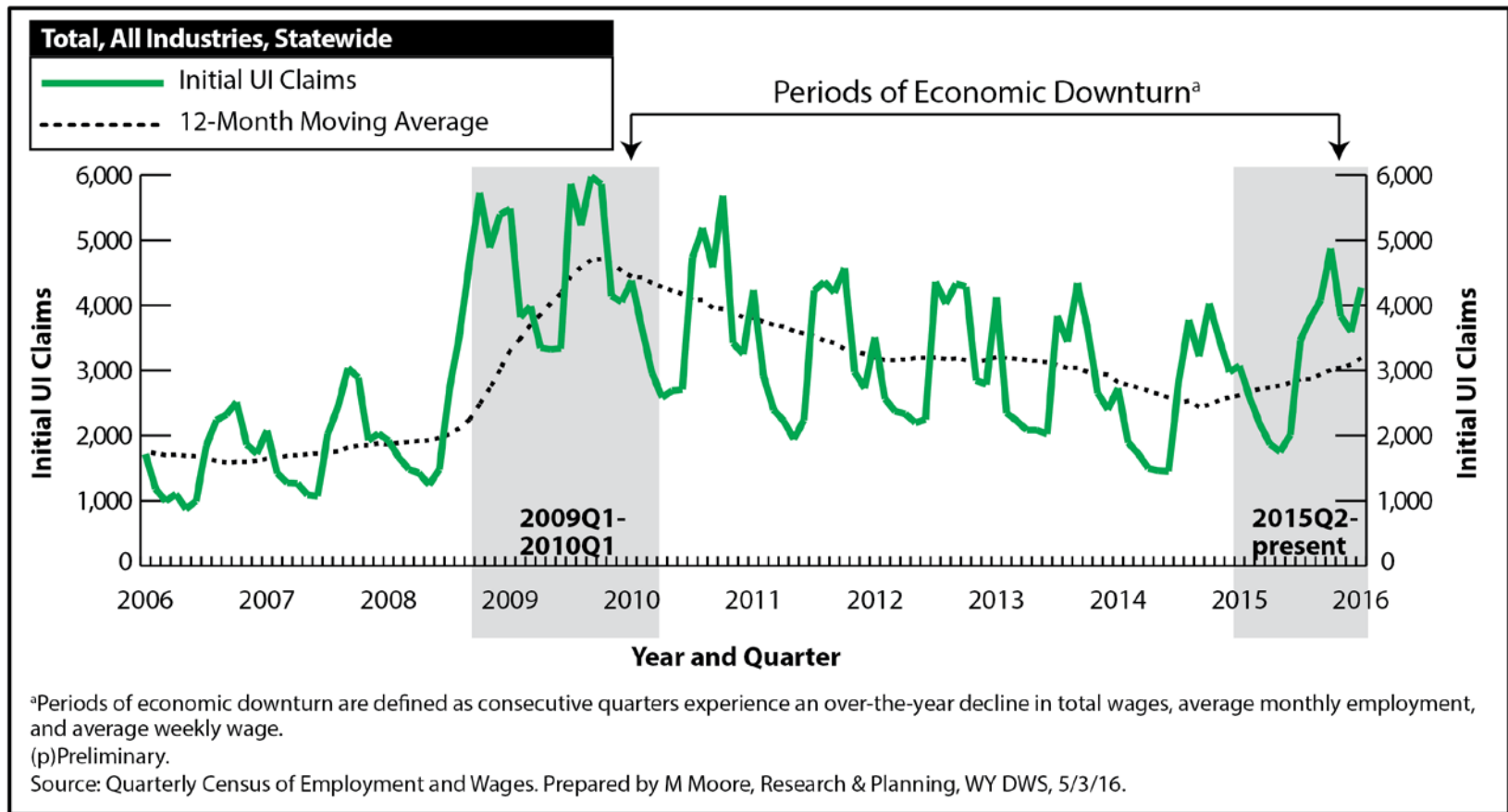
Table 2: Average Monthly Employment and Total Wages for Sweetwater County by Industry, 2014Q4 and 2015Q4

Sweetwater County								
Industry	Average Monthly Employment				Total Wages			
	2014Q4	2015Q4	Change N	%	2014Q4	2015Q4	Change \$	%
Total	24,263	23,388	-875	-3.6	\$363,644,497	\$357,452,991	-\$6,191,506	-1.7
Private	19,653	18,744	-909	-4.6	\$312,443,485	\$304,527,995	-\$7,915,490	-2.5
Agriculture, Forestry, Fishing, & Hunting	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D
Mining, Quarrying, & Oil & Gas Extraction	5,507	4,748	-759	-13.8	137,677,338	122,685,569	-14,991,769	-10.9
Utilities	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D
Construction	1,621	1,870	249	15.4	23,909,229	30,149,071	6,239,842	26.1
Manufacturing	1,373	1,382	9	0.7	30,846,264	37,189,224	6,342,960	20.6
Wholesale Trade	823	776	-47	-5.7	14,176,679	12,344,856	-1,831,823	-12.9
Retail Trade	2,314	2,394	80	3.5	17,213,124	17,845,768	632,644	3.7
Transportation & Warehousing	1,330	1,111	-219	-16.5	21,314,205	16,917,407	-4,396,798	-20.6
Information	168	158	-10	-6.0	1,386,585	1,425,089	38,504	2.8
Finance & Insurance	361	358	-3	-0.8	4,722,582	4,824,558	101,976	2.2
Real Estate & Rental & Leasing	523	493	-30	-5.7	8,797,367	8,426,225	-371,142	-4.2
Professional & Technical Services	511	474	-37	-7.2	9,964,112	8,954,720	-1,009,392	-10.1
Mgmt. of Companies & Enterprises	131	121	-10	-7.6	2,647,572	2,615,120	-32,452	-1.2
Administrative & Waste Services	442	432	-10	-2.3	3,717,791	4,795,964	1,078,173	29.0
Educational Services	38	34	-4	-10.5	96,427	72,816	-23,611	-24.5
Health Care & Social Assistance	1,231	1,200	-31	-2.5	10,902,738	10,491,865	-410,873	-3.8
Ambulatory Health Care Services	570	516	-54	-9.5	6,815,856	5,899,130	-916,726	-13.4
Nursing & Residential Care Facilities	213	204	-9	-4.2	1,483,836	1,526,927	43,091	2.9
Social Assistance	448	479	31	6.9	2,603,046	3,065,808	462,762	17.8
Arts, Entertainment, & Recreation	80	92	12	15.0	249,173	334,418	85,245	34.2
Accommodation & Food Services	2,278	2,254	-24	-1.1	9,164,717	9,248,472	83,755	0.9
Other Services, except Public Admin.	506	439	-67	-13.2	4,033,214	3,580,777	-452,437	-11.2
Total Government	4,610	4,644	34	0.7	\$51,201,012	\$52,924,996	\$1,723,984	3.4
Federal Government	207	196	-11	-5.3	2,950,900	3,037,496	86,596	2.9
State Government	245	239	-6	-2.4	3,216,327	3,278,905	62,578	1.9
Local Government	4,157	4,209	52	1.3	45,033,785	46,608,595	1,574,810	3.5
Local Government Education	2,325	2,330	4	0.2	23,225,087	22,020,648	-1,204,439	-5.2

N/D = Not discloseable due to confidentiality.
Source: Quarterly Census of Employment and Wages. Preliminary; subject to revision.
Prepared by N. Brennan, Research & Planning, WY DWS, 5/2/16.

Initial Unemployment Insurance Claims, April 2006 to April 2016

Figure 6: Number of Initial Unemployment Insurance (UI) Claims Across All Industries in Wyoming , April 2006 to April 2016

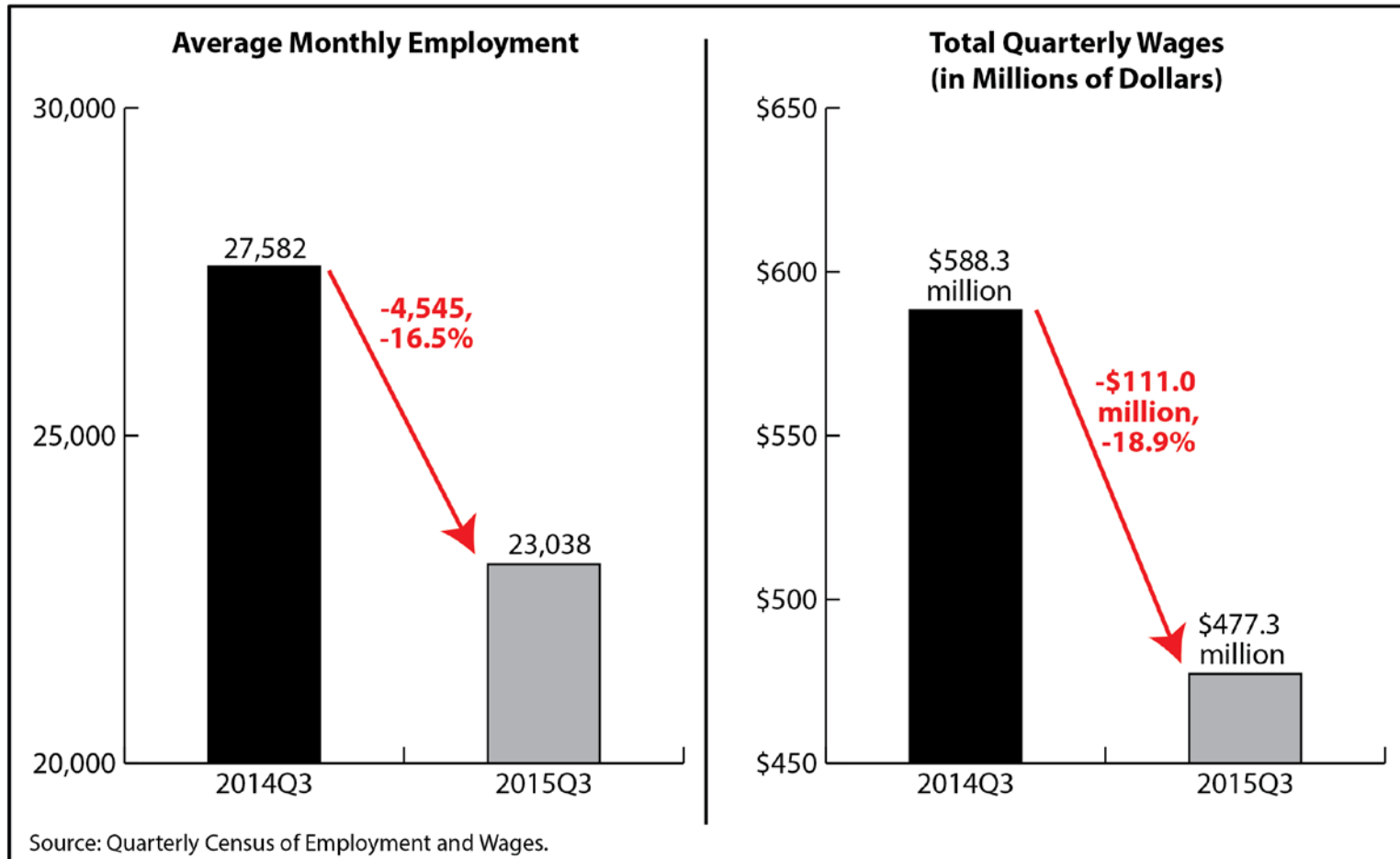


II. Wyoming's Mining Sector

- Employment and Wages
- Hires and Exits
- Unemployment Insurance Claims

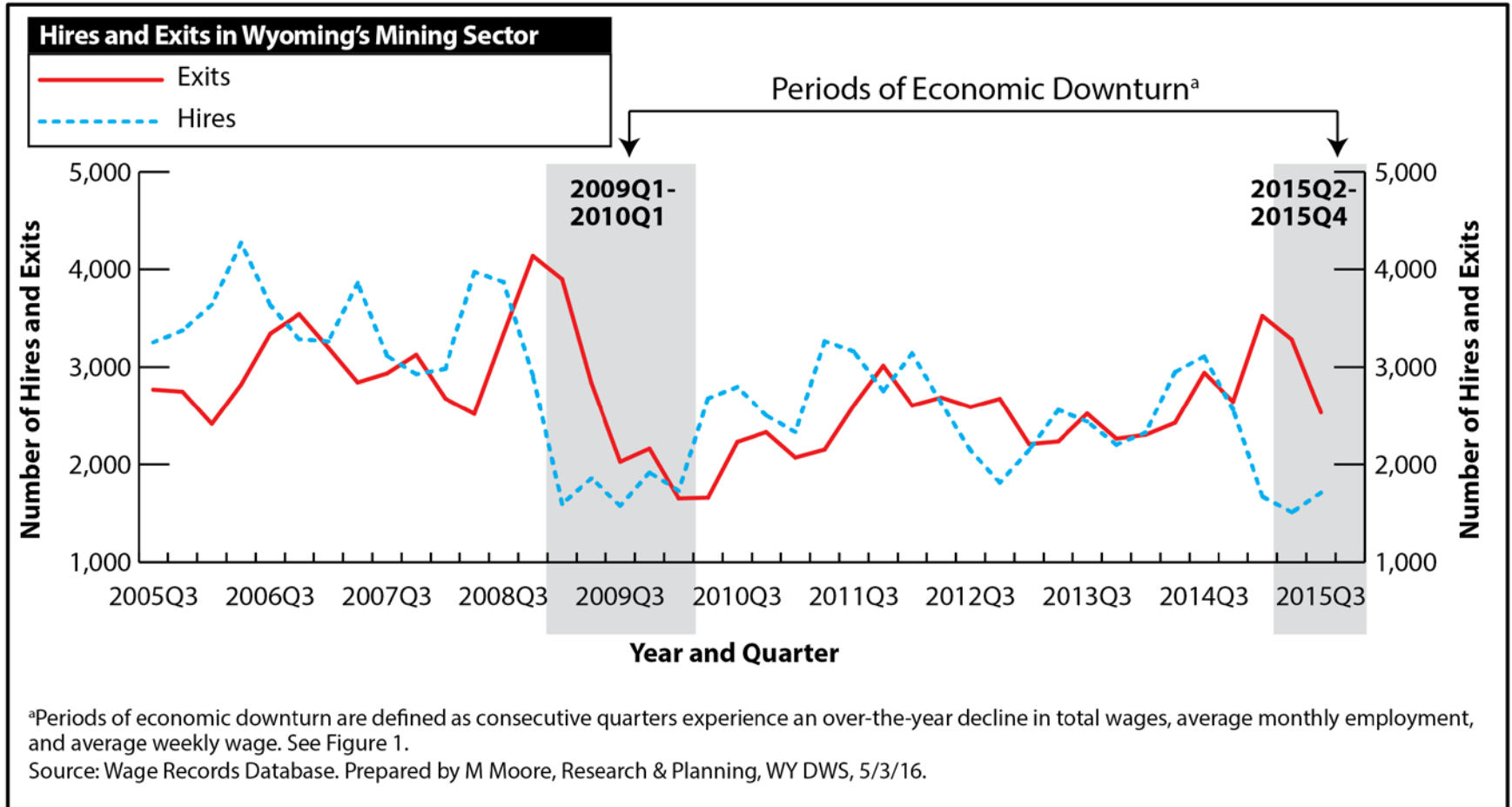
Mining

Figure 7: Average Monthly Employment and Total Wages for Wyoming's Mining Sector, 2014Q3 and 2015Q3



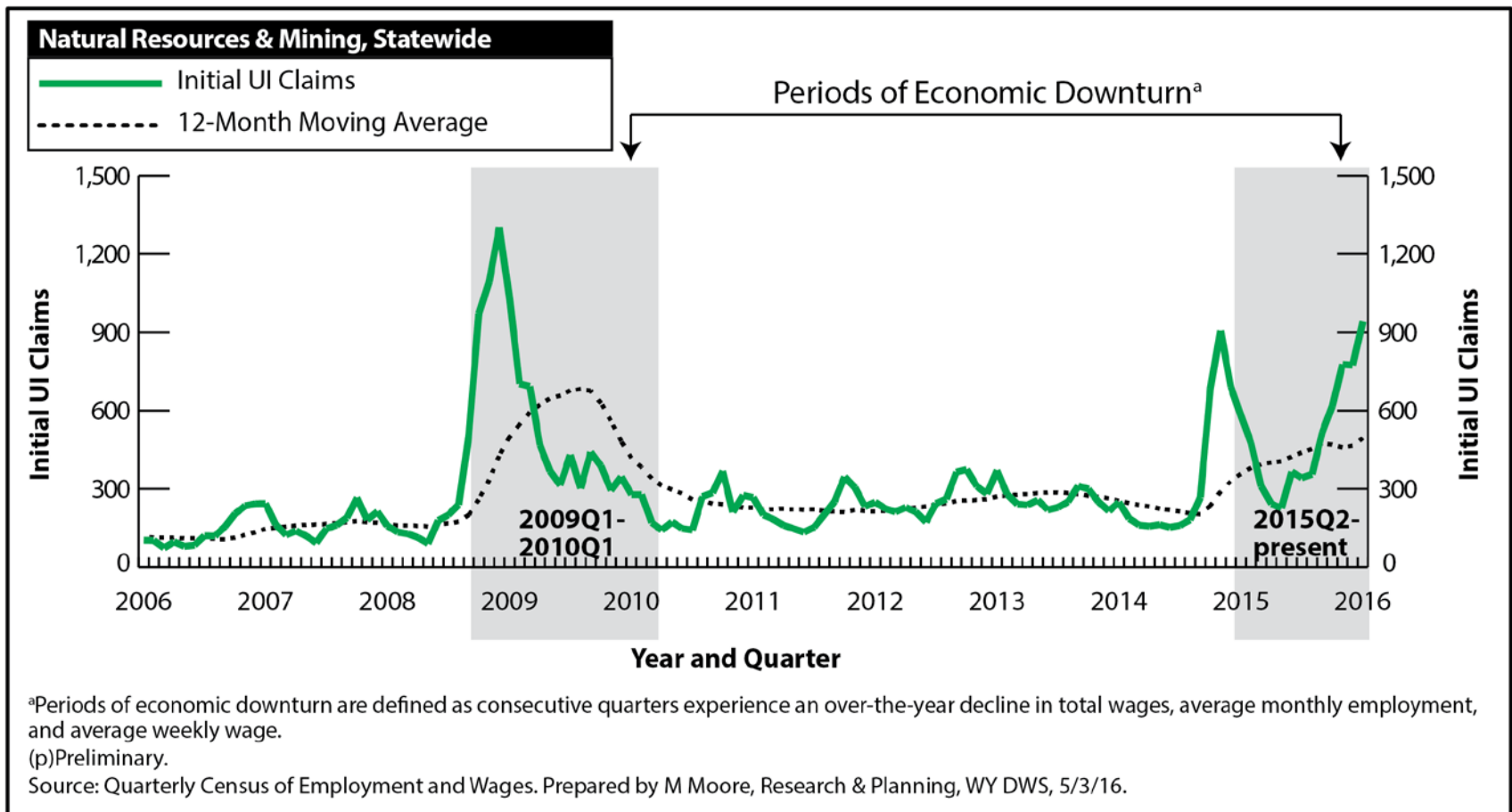
Mining Hires and Exits in Wyoming, 2005Q3 to 2015Q3

Figure 8: Number of Hires and Exits in Wyoming's Mining Sector, 2005Q3 to 2015Q3



Initial Unemployment Insurance Claims in Mining, April 2006 to April 2016

Figure 9: Number of Initial Unemployment Insurance (UI) Claims in Natural Resources & Mining in Wyoming, April 2006 to April 2016



III. Regional Trends During Wyoming's Economic Downturns

Wyoming's Previous Economic Downturn: 2009Q1 to 2010Q1

- Preceded by U.S. Great Recession: December 2007 to June 2009
- Surrounding states and U.S. experienced contraction before Wyoming
 - Rise and collapse of coal bed methane

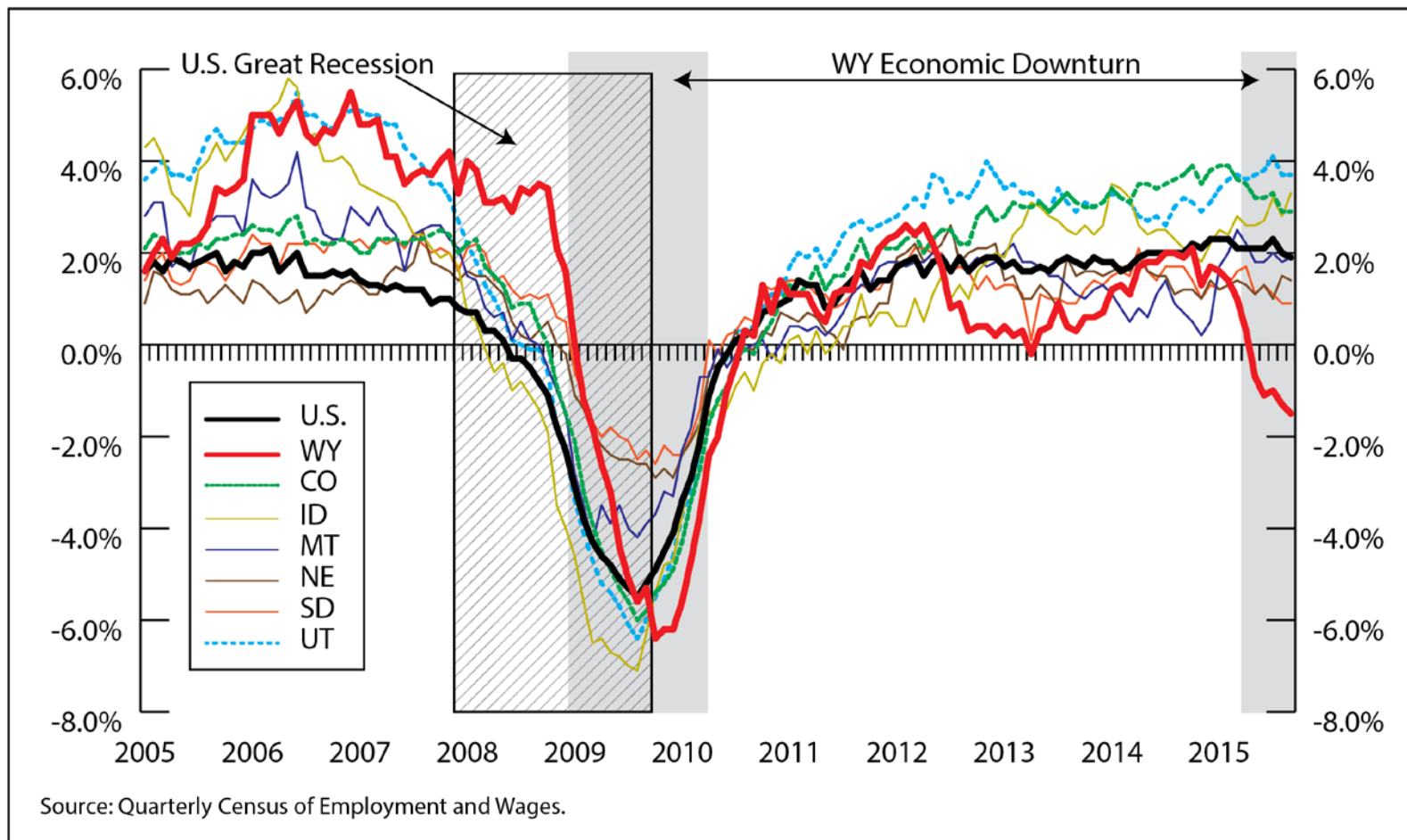
Wyoming's Current Economic Downturn: 2015Q2 to Present

- U.S. and surrounding states experienced growth, especially Colorado and Utah
 - Declining prices of oil, natural gas, & coal
 - Reduction in demand for coal



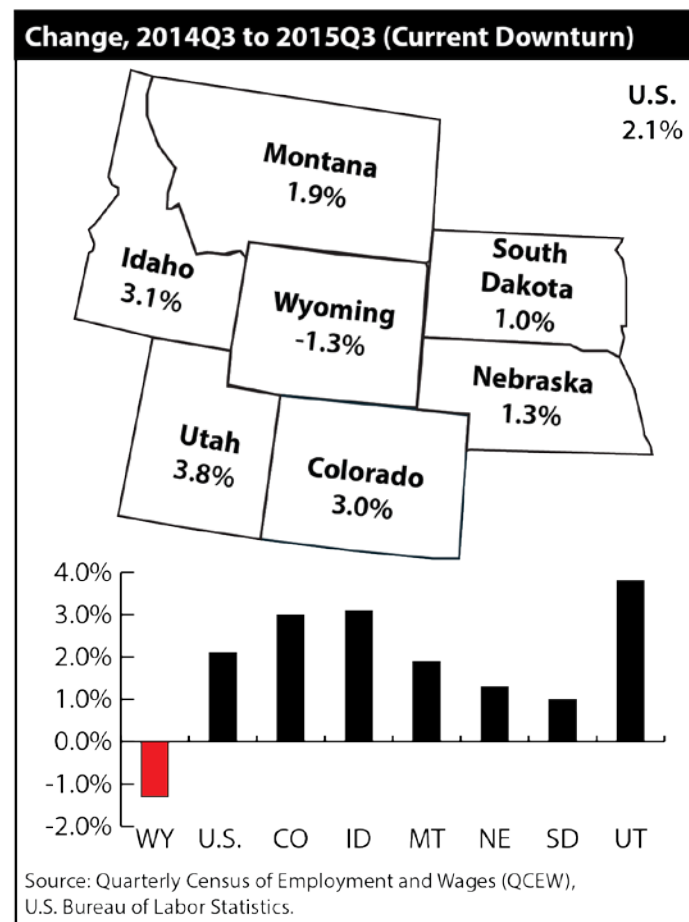
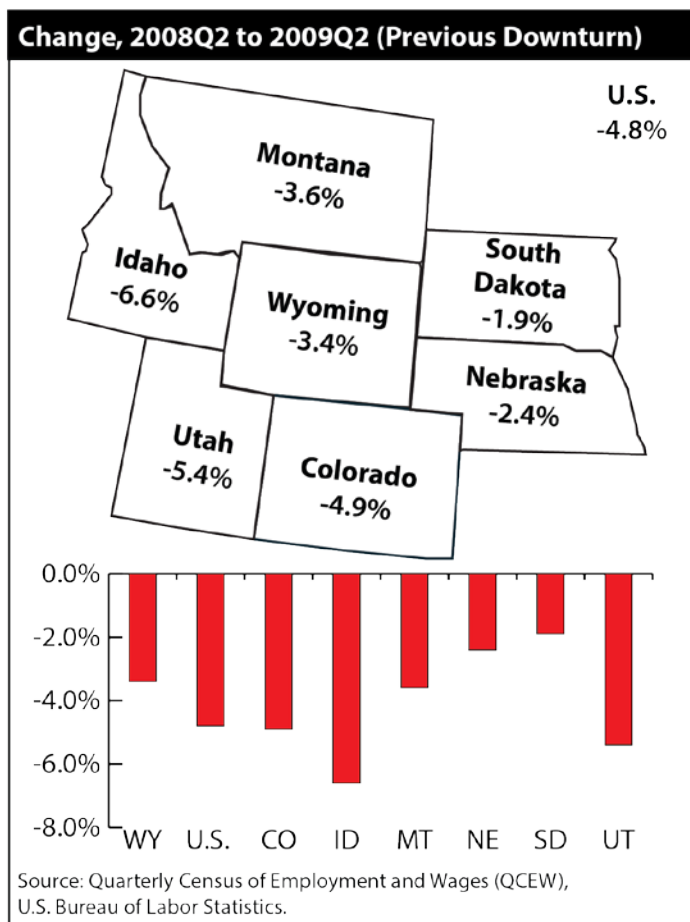
Regional Trends During Wyoming's Economic Downturns

Figure 10: Over-the-Year Percentage Change in Average Monthly Employment in Wyoming, Surrounding States, and the U.S., 2005Q3 to 2015Q3



Regional Trends During Wyoming's Economic Downturns

Figure 11: Over-the-Year Percentage Change in Average Monthly Employment in Wyoming, Surrounding States, and the U.S., 2008Q2-2009Q2 and 2014Q3-2015Q3



Questions?

Tom Gallagher, Manager
tom.gallagher@wyo.gov

Research & Planning
Wyoming Department
of Workforce Services
PO Box 2760
246 S. Center St.
Casper, WY 82601
(307) 473-3807



Research & Planning
Wyoming DWS

DWS-RESEARCHPLANNING@wyo.gov
<http://wyomingLMI.org>

