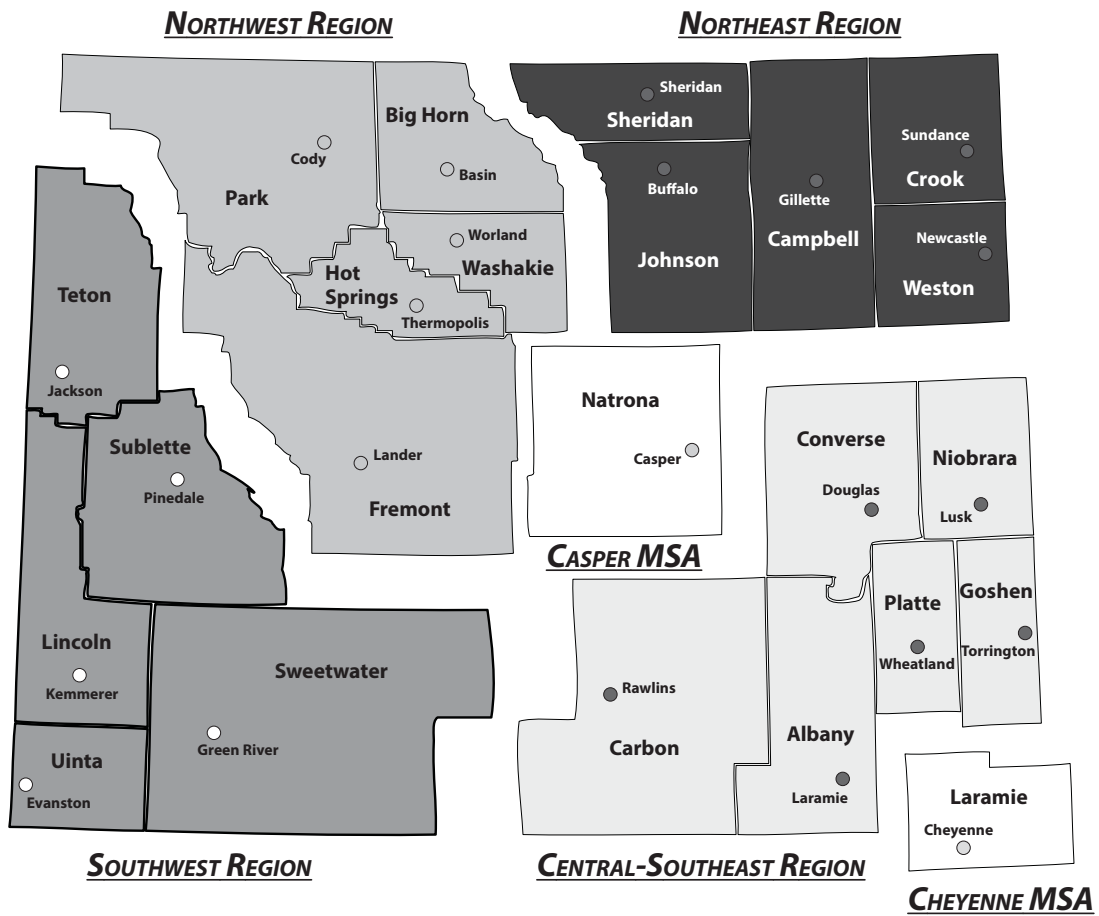


Appendix A Figure 1: Map of Wyoming's Substate Regions



MSA = Metropolitan Statistical Area.

Appendix A Table 1: Change in Average Monthly Employment During Periods of Economic Downturn in Wyoming by Substate Region, 2009Q1-2010Q1 and 2014Q2-2015Q2

Region	2009Q1	2010Q1	Change, 2009Q1-2010Q1		2014Q2	2015Q2	Change, 2014Q2-2015Q2	
			N	%			N	%
Casper MSA*	39,026	36,890	-2,136	-5.5%	42,662	41,916	-746	-1.7%
Cheyenne MSA*	42,647	41,476	-1,171	-2.7%	46,093	46,274	181	0.4%
Central-Southeast	35,889	35,572	-317	-0.9%	39,078	38,996	-82	-0.2%
Northeast	50,017	47,271	-2,746	-5.5%	50,437	49,682	-755	-1.5%
Northwest	38,245	37,607	-638	-1.7%	41,341	41,069	-272	-0.7%
Southwest	63,204	57,968	-5,236	-8.3%	62,604	62,108	-496	-0.8%
Other	4,441	3,946	-495	-11.2%	4,484	4,499	16	0.3%
Wyoming	273,471	260,730	-12,741	-4.7%	286,699	284,545	-2,154	-0.8%

*MSA = Metropolitan Statistical Area.

Source: Quarterly Census of Employment and Wages (QCEW).

Appendix A Table 2: Change in Average Monthly Employment in Mining During Periods of Economic Downturn in Wyoming by Substate Region, 2009Q1-2010Q1 and 2014Q2-2015Q2

Region	2009Q1	2010Q1	Change, 2009Q1-2010Q1		2014Q2	2015Q2	Change, 2014Q2-2015Q2	
			N	%			N	%
Casper MSA*	3,636	2,841	-794	-21.8%	4,229	3,552	-677	-16.0%
Cheyenne MSA*	108	48	-60	-55.4%	409	464	55	13.4%
Central-Southeast	1,306	1,328	22	1.7%	1,834	1,663	-171	-9.3%
Northeast	9,388	8,549	-839	-8.9%	8,886	8,332	-553	-6.2%
Northwest	2,298	2,132	-166	-7.2%	2,634	2,125	-509	-19.3%
Southwest	9,745	8,087	-1,659	-17.0%	8,027	7,104	-923	-11.5%
Other	1,632	1,028	-604	-37.0%	1,005	588	-417	-41.5%
Wyoming	28,114	24,014	-4,100	-14.6%	27,024	23,828	-3,196	-11.8%

*MSA = Metropolitan Statistical Area.

Source: Quarterly Census of Employment and Wages (QCEW).

Appendix A Table 3: Persons Working in Wyoming at Any Time by Age Group and Substate Region, 2014

Age Group	N and %	Region						Wyoming
		Casper MSA ^b	Cheyenne MSA ^b	Central-Southeast	Northeast	Northwest	Southwest	
<=19	N	3,121	3,186	2,584	3,767	3,163	4,021	20,120
	Column %	6.0%	5.9%	5.6%	6.2%	6.4%	5.1%	5.5%
20-24	N	5,293	5,556	5,070	5,403	4,237	5,867	32,302
	Column %	10.2%	10.3%	11.1%	8.9%	8.6%	7.5%	8.8%
25-34	N	11,632	11,092	8,807	12,059	8,893	15,316	70,309
	Column %	22.4%	20.6%	19.2%	19.9%	18.1%	19.6%	19.2%
35-44	N	8,987	9,097	6,784	10,272	7,608	13,240	58,122
	Column %	17.3%	16.9%	14.8%	17.0%	15.5%	16.9%	15.9%
45-54	N	8,098	9,398	6,802	9,785	8,233	11,345	55,733
	Column %	15.6%	17.5%	14.9%	16.2%	16.8%	14.5%	15.2%
55+	N	9,437	10,021	8,900	11,755	11,584	13,388	67,341
	Column %	18.2%	18.6%	19.4%	19.4%	23.6%	17.1%	18.4%
Nonresidents ^a	N	5,358	5,411	6,824	7,541	5,350	15,147	62,577
	Column %	10.3%	10.1%	14.9%	12.4%	10.9%	19.3%	17.1%
Total	N	51,926	53,761	45,771	60,582	49,068	78,324	366,504
	Column %	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

^aNonresidents are individuals for whom demographic data could not be found in any of R&P's administrative databases, such as the driver's license file obtained through a memorandum of understanding with the Wyoming Department of Transportation.

^bMSA = Metropolitan Statistical Area.

Areas with red text indicate a higher proportion of older workers (55+) or nonresidents compared to other substate regions.

Source: Research & Planning, WY DWS. Earnings in Wyoming by County, Age & Gender, 2000-2014 (http://doe.state.wy.us/LMI/earnings_tables/2015/index.htm).

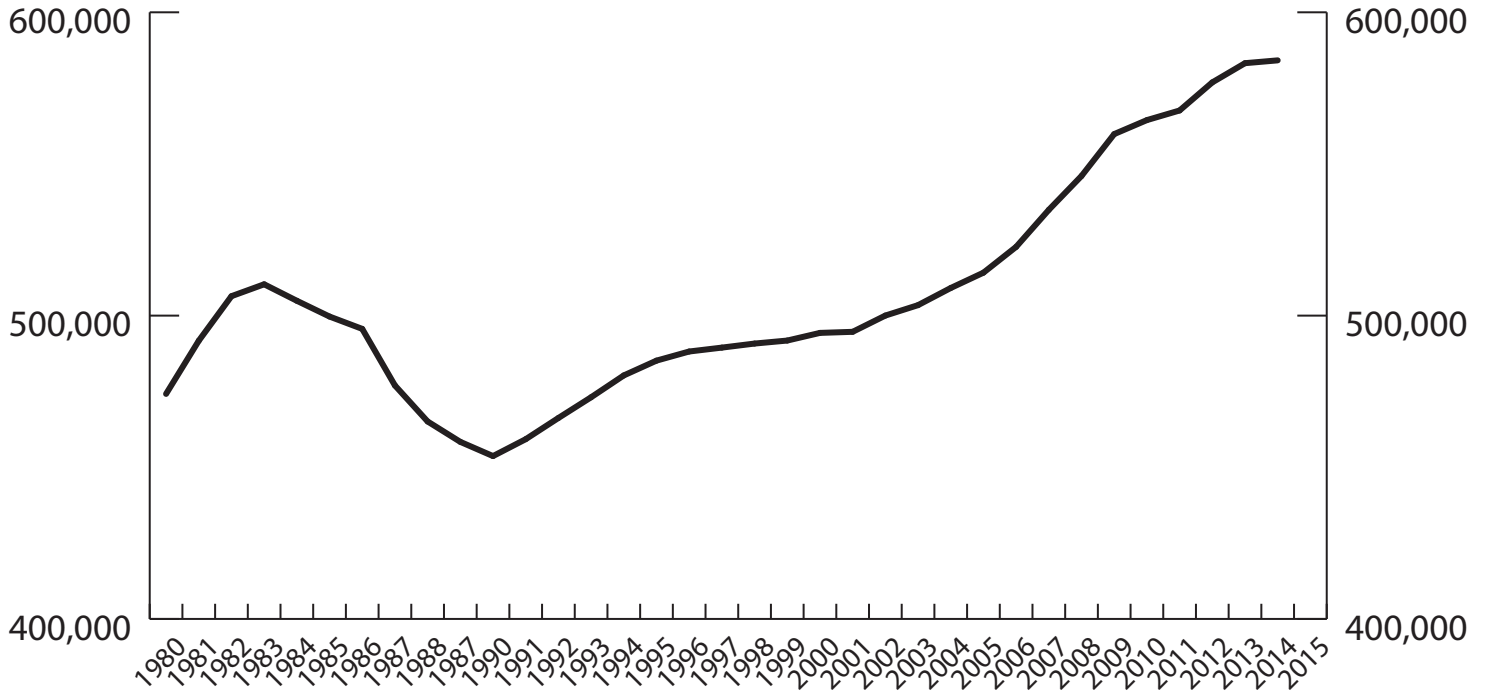
Appendix A Table 4: Change in Total Number of Hires During Periods of Economic Downturn in Wyoming by Substate Region, 2009Q1-2010Q1 and 2014Q2-2015Q2

Region	2009Q1	2010Q1	Change, 2009Q1-2010Q1		2014Q2	2015Q2	Change, 2014Q2-2015Q2	
			N	%			N	%
Casper MSA*	7,064	5,848	-1,216	-17.2%	9,970	8,860	-1,110	-11.1%
Cheyenne MSA*	6,857	5,491	-1,366	-19.9%	10,159	9,932	-227	-2.2%
Central-Southeast	6,144	5,037	-1,107	-18.0%	10,252	9,351	-901	-8.8%
Northeast	8,077	6,112	-1,965	-24.3%	12,088	10,468	-1,620	-13.4%
Northwest	5,542	5,053	-489	-8.8%	11,343	10,383	-960	-8.5%
Southwest	9,477	7,609	-1,868	-19.7%	19,881	17,802	-2,079	-10.5%
Other	1,304	1,519	215	16.5%	5,912	2,360	-3,552	-60.1%
Wyoming	44,465	36,669	-7,796	-17.5%	79,605	69,156	-10,449	-13.1%

*MSA = Metropolitan Statistical Area.

Source: Quarterly Census of Employment and Wages (QCEW).

Appendix A Figure 2: Wyoming Population Estimates, 1980 to 2015



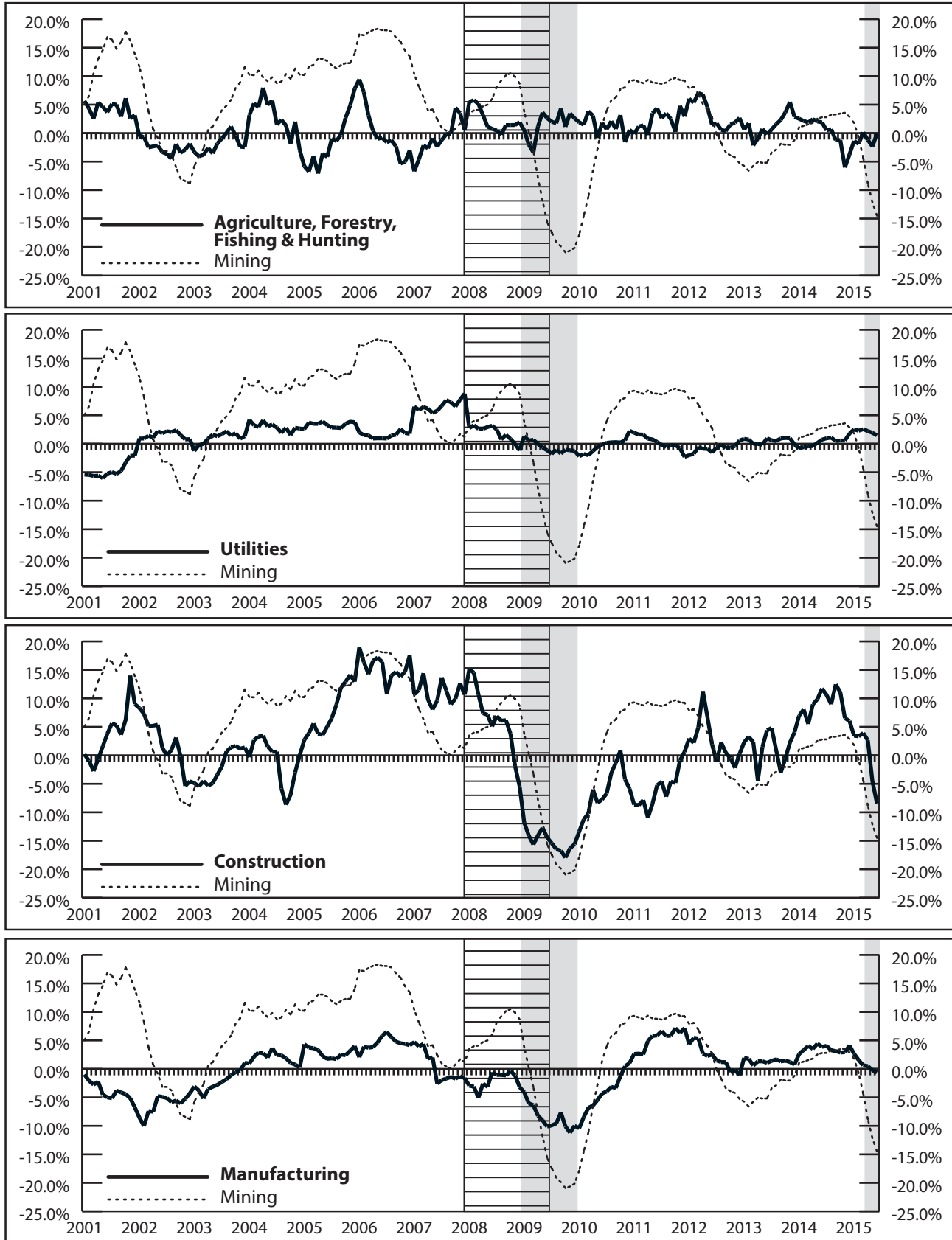
Source: Source: Wyoming Population Estimates and Forecasts. Economic Analysis Division, Wyoming Department of Administration and Information (<http://eativ.state.wy.us/pop/pop.html>).

**Appendix Table A5: Wyoming
Population Estimates, 1980 to
2015**

Year	Estimated Population
1980	474,185
1981	491,715
1982	506,408
1983	510,329
1984	504,893
1985	499,692
1986	495,624
1987	476,967
1988	465,098
1987	458,377
1990	453,690
1991	459,260
1992	466,251
1993	473,081
1994	480,283
1995	485,160
1996	488,167
1997	489,451
1998	490,787
1999	491,780
2000	494,300
2001	494,657
2002	500,017
2003	503,453
2004	509,106
2005	514,157
2006	522,667
2007	534,876
2008	546,043
2009	559,851
2010	564,460
2011	567,631
2012	576,893
2013	583,223
2014	584,153
2015	587,662

Source: Wyoming Population
Estimates and Forecasts.
Economic Analysis Division,
Wyoming Department of
Administration and Information
(<http://eativ.state.wy.us/pop/pop.html>).

Appendix A Figure 3a: Over-the-Year Percentage Change in Total Unemployment Insurance Covered Employment for Wyoming by Industry, January 2001-June 2015



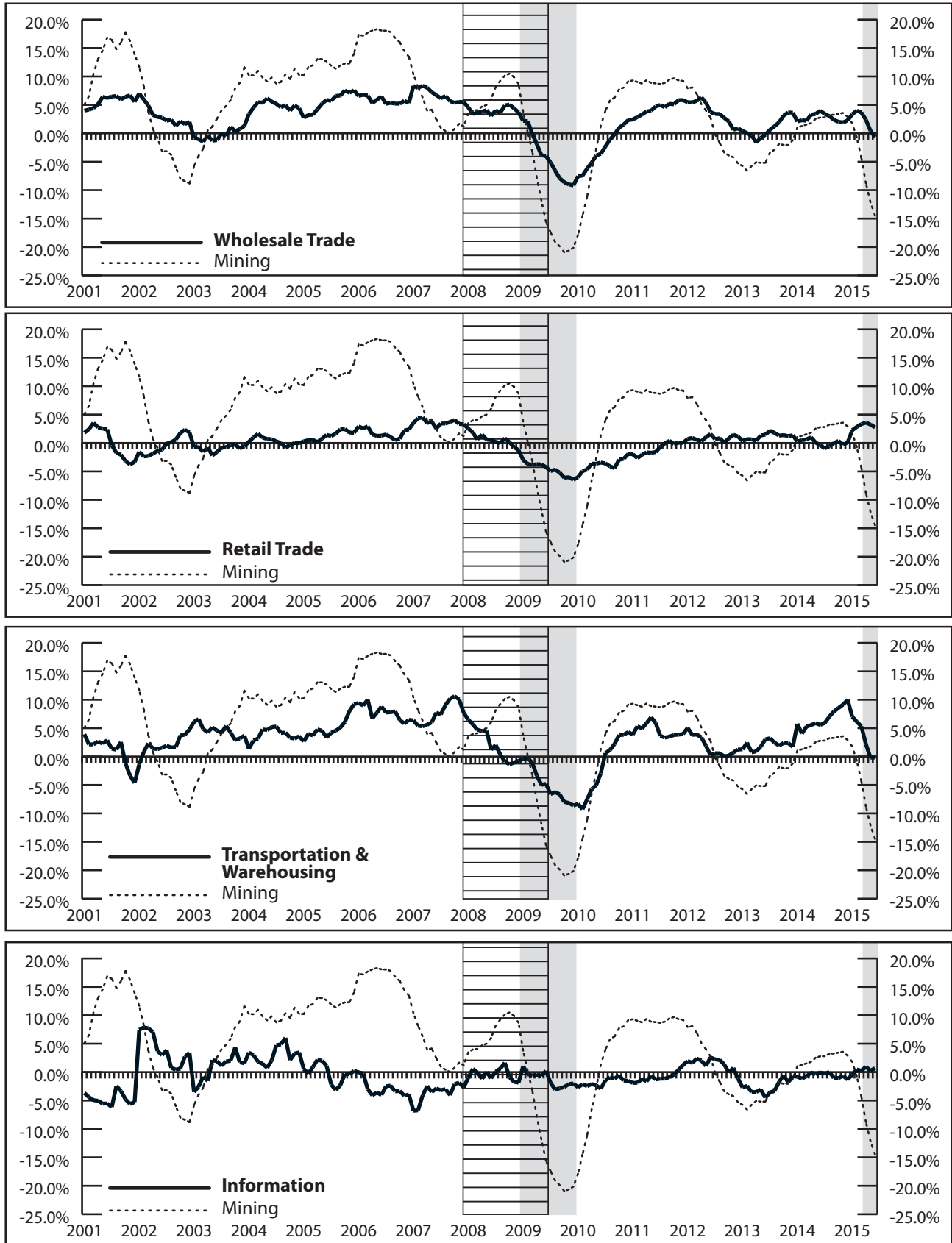
Wyoming

Period of economic downturn (2009Q1-2010Q1) and period of declining oil prices and mining employment (2014Q2-2015Q2).

U.S.

Great Recession, December 2007 to June 2009.

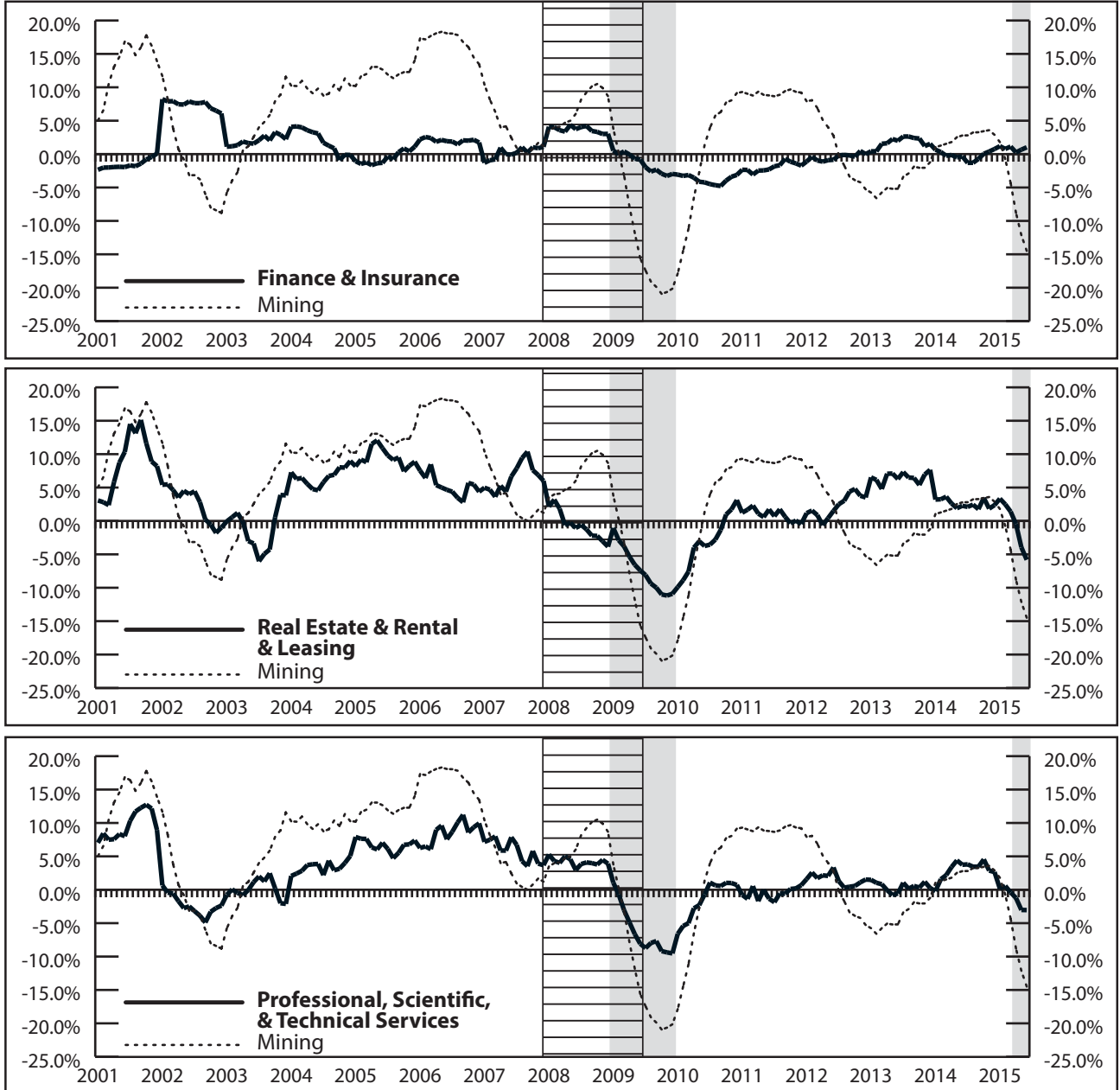
Appendix A Figure 3b: Over-the-Year Percentage Change in Total Unemployment Insurance Covered Employment for Wyoming by Industry, January 2001-June 2015



<p>Wyoming Period of economic downturn (2009Q1-2010Q1) and period of declining oil prices and mining employment (2014Q2-2015Q2).</p>	<p>U.S. Great Recession, December 2007 to June 2009.</p>
---	---

Source: Quarterly Census of Employment and Wages (QCEW).

Appendix A Figure 3c: Over-the-Year Percentage Change in Total Unemployment Insurance Covered Employment for Wyoming by Industry, January 2001-June 2015



Wyoming

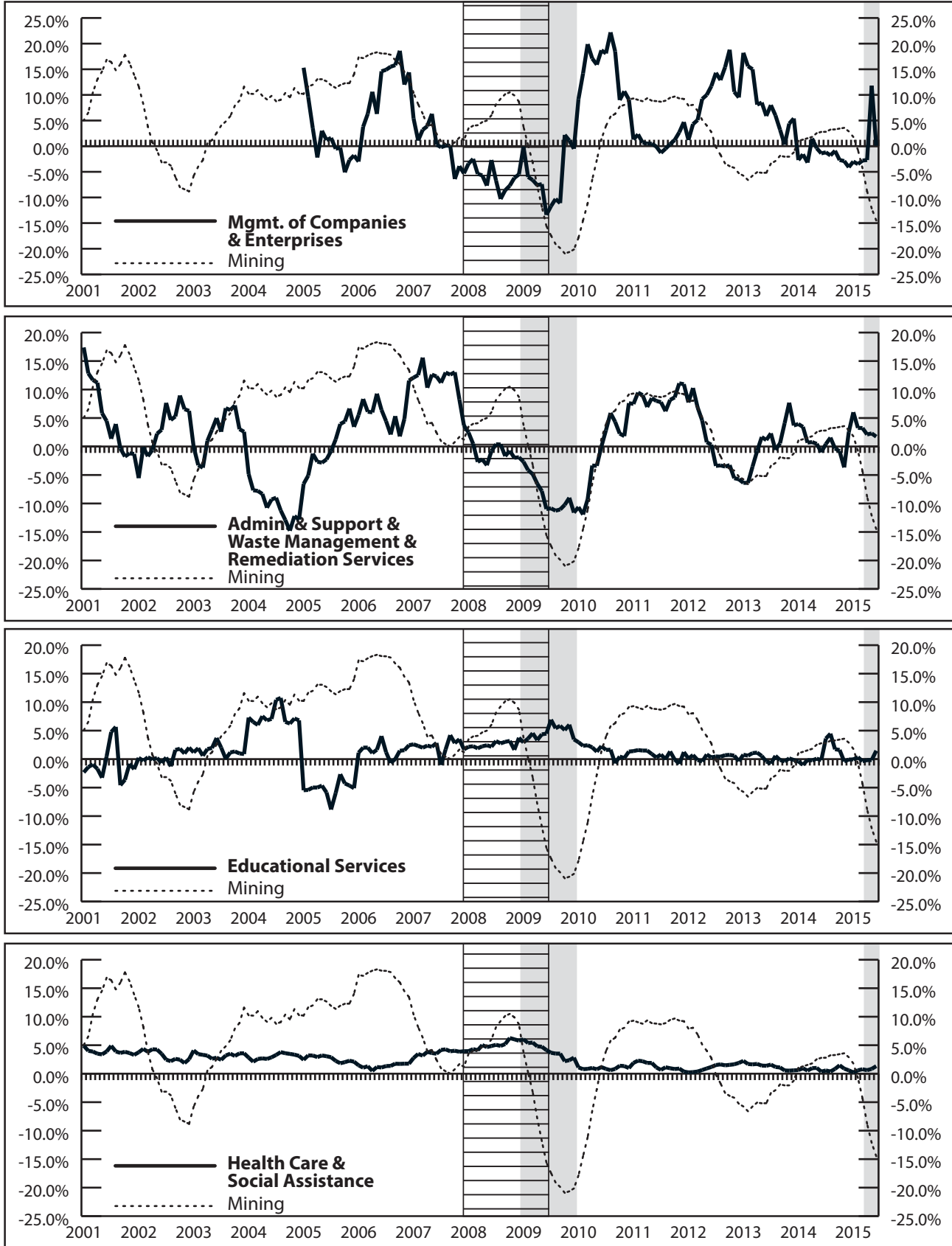
Period of economic downturn (2009Q1-2010Q1) and period of declining oil prices and mining employment (2014Q2-2015Q2).



U.S.

Great Recession, December 2007 to June 2009.

Appendix A Figure 3d: Over-the-Year Percentage Change in Total Unemployment Insurance Covered Employment for Wyoming by Industry, January 2001-June 2015



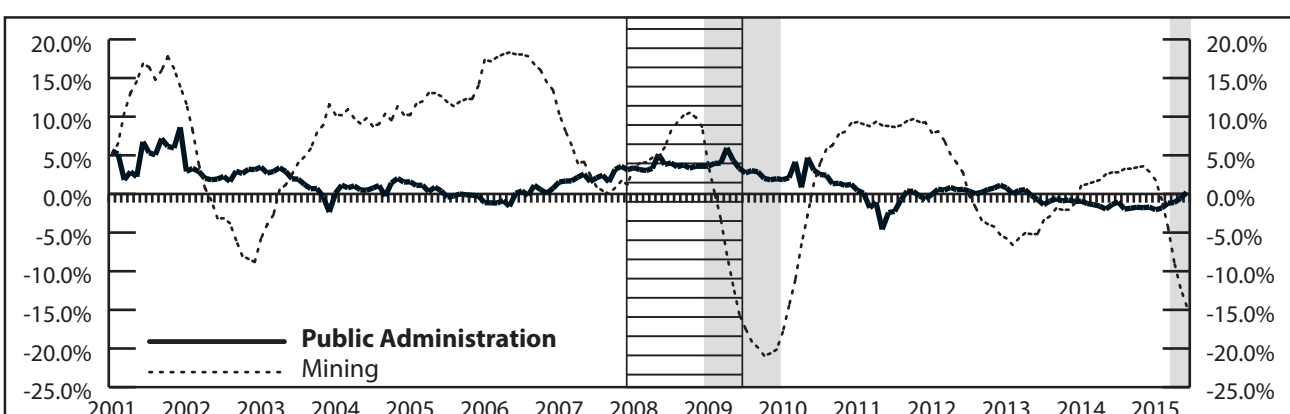
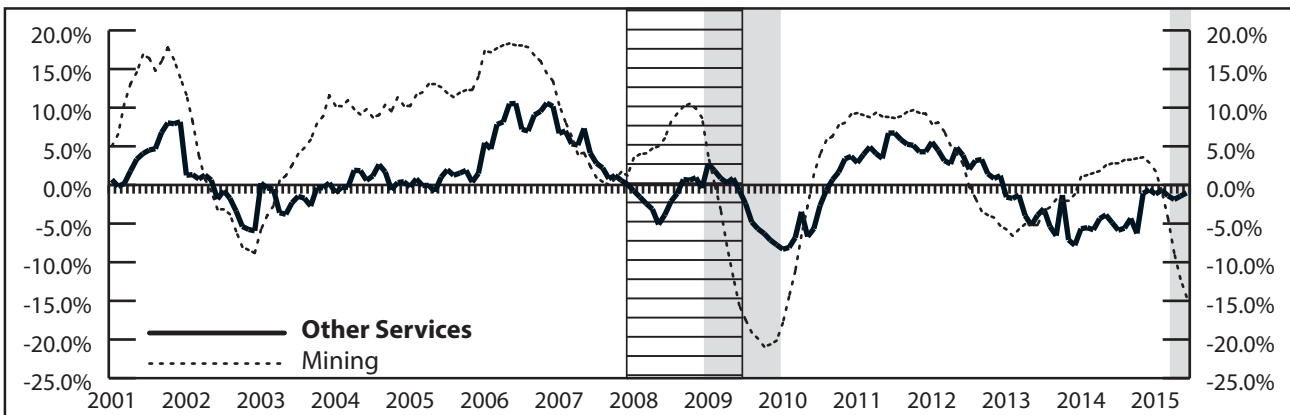
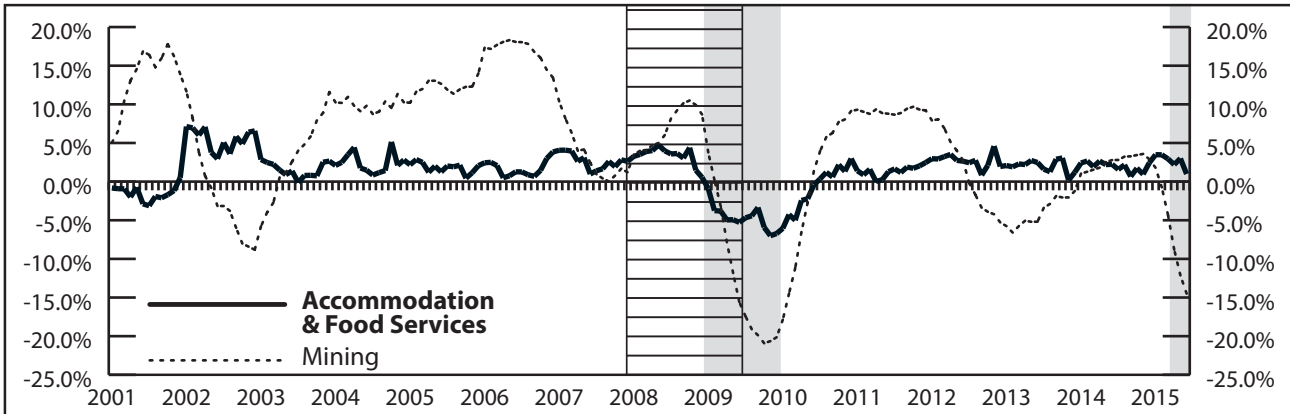
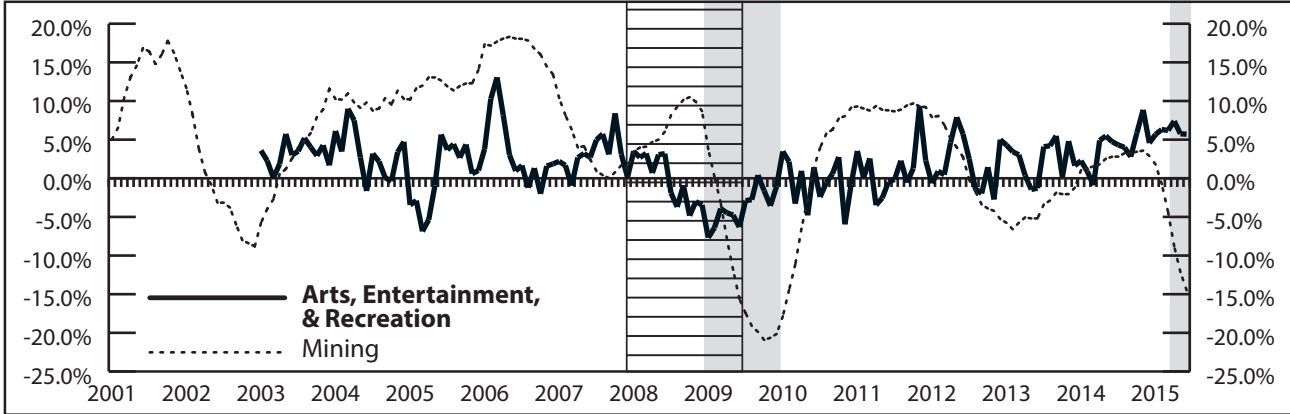
Wyoming

Period of economic downturn (2009Q1-2010Q1) and period of declining oil prices and mining employment (2014Q2-2015Q2).

U.S.

Great Recession, December 2007 to June 2009.

Appendix A Figure 3e: Over-the-Year Percentage Change in Total Unemployment Insurance Covered Employment for Wyoming by Industry, January 2001-June 2015



<p>Wyoming Period of economic downturn (2009Q1-2010Q1) and period of declining oil prices and mining employment (2014Q2-2015Q2).</p>	<p>U.S. Great Recession, December 2007 to June 2009.</p>
---	---

Source: Quarterly Census of Employment and Wages (QCEW).

Appendix A Table 6: Wyoming Technology-Related Industries Employing Units, Average Monthly Employment, Total Wages, and Average Wage, 2015Q2

Industry	Establishments	Average Monthly Employment	Total Wages	Average Weekly Wage
Total, All Industries	26,050	284,545	\$3,211,250,267	\$868
Total, Technology Industries	924	4,981	\$77,610,969	\$1,199
A. MANUFACTURING Technology	19	286	\$3,682,632	\$990
i. Computer & Peripheral Equipment	ND	ND	ND	ND
334111 Electronic Computers	ND	ND	ND	ND
334112 Computer Storage Devices	0	0	\$0	\$0
334118 Computer Terminal & Peripheral Equipment	ND	ND	ND	ND
ii. Communications Equipment	0	0	\$0	\$0
334210 Telephone Apparatus	0	0	\$0	\$0
334220 Broadcast & Wireless Communications Equipment	0	0	\$0	\$0
334290 Other Communications Equipment	0	0	\$0	\$0
335921 Fiber Optic Cables	0	0	\$0	\$0
iii. Consumer Electronics	0	0	\$0	\$0
334310 Audio & Video Equipment	0	0	\$0	\$0
iv. Electronic Components	ND	ND	ND	ND
334412 Bare Printed Circuit Boards	0	0	\$0	\$0
334416 Capacitors, Transformers, & Inductors	0	0	\$0	\$0
334417 Electronic Connectors	0	0	\$0	\$0
334418 Printed Circuit Assembly	0	0	\$0	\$0
334419 Other Electronic Components	ND	ND	ND	ND
v. Semiconductors	0	0	\$0	\$0
334413 Semiconductor & Related Devices	0	0	\$0	\$0
333242 Semiconductor Machinery	0	0	\$0	\$0
vi. Defense Electronics	ND	ND	ND	ND
334511 Search, Detection, & Navigation Instruments Manufacturing	ND	ND	ND	ND
vii. Measuring & Control Instruments	12	243	\$3,217,779	\$1,019
334512 Automatic Environmental Controls	ND	ND	ND	ND
334513 Industrial Process Variable Instruments	ND	ND	ND	ND
334514 Totalizing Fluid Meter & Counting Devices	ND	ND	ND	ND
334515 Electricity & Signal Testing Instruments	0	0	\$0	\$0
334516 Analytical Laboratory Instruments	ND	ND	ND	ND
334519 Other Measuring & Controlling Instruments	ND	ND	ND	ND
viii. Electromedical Equipment	0	0	\$0	\$0
334510 Electromedical Apparatus	0	0	\$0	\$0
334517 Irradiation Apparatus	0	0	\$0	\$0
ix. Photonics	ND	ND	ND	ND
333314 Optical Instrument & Lens	ND	ND	ND	ND
333316 Photographic & Photocopying Equipment	0	0	\$0	\$0
B. COMMUNICATIONS SERVICES	129	1,667	\$24,909,350	\$1,149
i. Communications Services	129	1,667	\$24,909,350	\$1,149
517110 Wired Telecommunications Carriers	89	1,084	15,793,938	1,121
517210 Wireless Telecommunications Carriers	28	151	2,243,328	1,143
517911 Telecommunications Resellers	ND	ND	ND	ND
517410 Satellite Telecommunications	ND	ND	ND	ND
517919 All Other Telecommunications	6	ND	ND	ND
C. SOFTWARE & TECH SERVICES	525	1,832	\$28,933,624	\$1,215
i. Software Publishers	10	15	\$217,542	\$1,116
511210 Software Publishers	10	15	217,542	1,116
ii. Computer Systems Design & Related Services	343	715	\$15,258,581	\$1,642
541511 Custom Computer Programming	126	210	4,680,538	1,714
541512 Computer Systems Design	201	487	10,124,179	1,599
541513 Computer Facilities Management & 541519 Other Computer Re	16	18	453,864	1,940
iii. Internet Services	53	226	\$3,260,061	\$1,110

Appendix A Table 6: Wyoming Technology-Related Industries Employing Units, Average Monthly Employment, Total Wages, and Average Wage, 2015Q2

Industry	Establishments	Average Monthly Employment	Total Wages	Average Weekly Wage
519130 Internet Publishing & Web Search Portals	18	34	572,288	1,295
518210 Data Processing, Hosting, & Related Services	35	192	2,687,773	1,077
iv. R&D & Testing Labs	101	807	\$9,453,833	\$901
54171 Research & Development in the Physical, Engineering, & Life Sci	42	195	1,667,065	658
541380 Testing Laboratories	59	612	7,786,768	979
vi. Computer Training	18	69	\$743,607	\$829
611420 Computer Training	ND	ND	ND	ND
541720 Social Science & Humanities Research	ND	ND	ND	ND
D. Engineering Services	251	1,196	\$20,085,363	\$1,292
541330 Engineering Services	251	1,196	20,085,363	1,292

ND = Not discloseable due to confidentiality.

0 - No Data.

Note: 541513, 541519 & 541711,541712 combined for disclosability.

Source: Quarterly Census of Employment and Wages

Prepared by N. Brennan, Research & Planning, WY DWS, 11/05/2015.

Preliminary: Subject to Revision.

Appendix Table 7: Replacement Need -- Total Number of Persons and Number of Persons Age 55 and Older in Selected Occupations in Educational Services (NAICS^a 61) and Public Administration (NAICS^a 92) , 2014Q3

SOC ^b Code	Occupation	Total N	Age 55 and Older	
			N	%
252021	Elementary School Teachers, Except Special Education	2,788	555	19.9
259041	Teacher Assistants	2,544	716	28.1
252031	Secondary School Teachers, Except Special and Career/Technical Ed	1,745	358	20.5
436014	Secretaries and Administrative Assistants, Except Legal, Medical	1,297	520	40.1
533022	Bus Drivers, School or Special Client	935	510	54.5
372011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	790	307	38.9
252022	Middle School Teachers, Except Special and Career/Technical Educa	715	157	22.0
352012	Cooks, Institution and Cafeteria	591	238	40.3
333012	Correctional Officers and Jailers	554	49	8.8
499071	Maintenance and Repair Workers, General	453	212	46.8
474051	Highway Maintenance Workers	437	135	30.9
339099	Protective Service Workers, All Other	396	138	34.8
132011	Accountants and Auditors	386	113	29.3
252012	Kindergarten Teachers, Except Special Education	384	66	17.2
252041	Special Education Teachers, Preschool, Kindergarten, and Elementary School	382	94	24.6
252032	Career/Technical Education Teachers, Secondary School	361	108	29.9
119032	Education Administrators, Elementary and Secondary School	358	92	25.7
252053	Special Education Teachers, Middle School	356	102	28.7
311014	Nursing Assistants	349	74	21.2
252054	Special Education Teachers, Secondary School	348	96	27.6
211012	Educational, Guidance, School, and Vocational Counselors	282	98	34.8
131151	Training and Development Specialists	275	101	36.7
436011	Executive Secretaries and Executive Administrative Assistants	262	98	37.4
192041	Environmental Scientists and Specialists, Including Health	240	59	24.6
434061	Eligibility Interviewers, Government Programs	239	57	23.8
172051	Civil Engineers	239	43	18.0
119199	Managers, All Other	229	100	43.7
173022	Civil Engineering Technicians	212	69	32.5
211021	Child, Family, and School Social Workers	204	30	14.7
272022	Coaches and Scouts	201	27	13.4
151150	Computer Support Specialists	195	45	23.1
131199	Business Operations Specialists, All Other	193	46	23.8
131071	Human Resources Specialists	191	72	37.7
253999	All Other Teachers, Primary, Secondary, and Adult	185	69	37.3
434121	Library Assistants, Clerical	183	83	45.4
371011	First-Line Supervisors of Housekeeping and Janitorial Workers	167	77	46.1
191023	Zoologists and Wildlife Biologists	166	31	18.7
439061	Office Clerks, General	151	52	34.4
333051	Police and Sheriff's Patrol Officers	149	8	5.4
231011	Lawyers	147	33	22.4
211093	Social and Human Service Assistants	139	31	22.3
211092	Probation Officers and Correctional Treatment Specialists	138	6	4.3
491011	First-Line Supervisors of Mechanics, Installers, and Repairers	120	50	41.7
431011	First-Line Supervisors of Office and Administrative Support Worke	110	44	40.0
211029	Social Workers, All Other	110	23	20.9
254021	Librarians	107	45	42.1
259031	Instructional Coordinators	104	30	28.8

Appendix Table 7: Replacement Need -- Total Number of Persons and Number of Persons Age 55 and Older in Selected Occupations in Educational Services (NAICS^a 61) and Public Administration (NAICS^a 92) , 2014Q3

SOC ^b Code	Occupation	Total N	Age 55 and Older	
			N	%
351012	First-Line Supervisors of Food Preparation and Serving Workers	102	51	50.0
151141	Database Administrators	97	39	40.2
113031	Financial Managers	85	28	32.9
519061	Inspectors, Testers, Sorters, Samplers, and Weighers	83	33	39.8
536051	Transportation Inspectors	83	22	26.5
493042	Mobile Heavy Equipment Mechanics, Except Engines	82	26	31.7
291127	Speech-Language Pathologists	78	30	38.5
232011	Paralegals and Legal Assistants	72	23	31.9
252023	Career/Technical Education Teachers, Middle School	71	23	32.4
119039	Education Administrators, All Other	70	27	38.6
333021	Detectives and Criminal Investigators	68	15	22.1
471011	First-Line Supervisors of Construction Trades and Extraction Work	67	34	50.7
193031	Clinical, Counseling, and School Psychologists	64	13	20.3
493031	Bus and Truck Mechanics and Diesel Engine Specialists	63	30	47.6
131041	Compliance Officers, Except Agriculture, Construction, Health and Safety, and Tran	63	24	38.1
433031	Bookkeeping, Accounting, and Auditing Clerks	61	21	34.4
333031	Fish and Game Wardens	61	7	11.5
151142	Network and Computer Systems Administrators	59	17	28.8
253021	Self-Enrichment Education Teachers	59	10	16.9
531031	First-Line Supervisors of Transportation and Material-Moving Mach	58	32	55.2
132081	Tax Examiners and Collectors, and Revenue Agents	55	15	27.3
119121	Natural Sciences Managers	53	26	49.1
273031	Public Relations Specialists	53	9	17.0
151132	Software Developers, Applications	52	13	25.0
111011	Chief Executives	51	23	45.1
211099	Community and Social Service Specialists, All Other	50	17	34.0
331012	First-Line Supervisors of Police and Detectives	50	10	20.0
173011	Architectural and Civil Drafters	49	14	28.6
492022	Telecommunications Equipment Installers and Repairers, Except Line Installers	48	15	31.3
339032	Security Guards	46	7	15.2
119111	Medical and Health Services Managers	45	18	40.0
372012	Maids and Housekeeping Cleaners	45	11	24.4
119041	Architectural and Engineering Managers	44	16	36.4
211091	Health Educators	42	15	35.7
331011	First-Line Supervisors of Correctional Officers	42	11	26.2
192042	Geoscientists, Except Hydrologists and Geographers	39	10	25.6
119051	Food Service Managers	37	22	59.5
211015	Rehabilitation Counselors	36	7	19.4
111021	General and Operations Managers	35	18	51.4
292011	Medical and Clinical Laboratory Technologists	35	13	37.1
435031	Police, Fire, and Ambulance Dispatchers	35	5	14.3
373011	Landscaping and Groundskeeping Workers	34	11	32.4
119151	Social and Community Service Managers	33	6	18.2
299011	Occupational Health and Safety Specialists	32	12	37.5
194092	Forensic Science Technicians	32	6	18.8
332011	Firefighters	32	2	6.3
434031	Court, Municipal, and License Clerks	30	13	43.3

Appendix Table 7: Replacement Need -- Total Number of Persons and Number of Persons Age 55 and Older in Selected Occupations in Educational Services (NAICS^a 61) and Public Administration (NAICS^a 92) , 2014Q3

SOC ^b Code	Occupation	Total N	Age 55 and Older	
			N	%
113121	Human Resources Managers	29	7	24.1
131023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	29	7	24.1
132021	Appraisers and Assessors of Real Estate	29	6	20.7
291125	Recreational Therapists	29	6	20.7
435081	Stock Clerks and Order Fillers	26	7	26.9
353021	Combined Food Preparation and Serving Workers, Including Fast Food	25	8	32.0
191032	Foresters	25	7	28.0
119021	Construction Managers	22	16	72.7
291141	Registered Nurses	22	10	45.5
439051	Mail Clerks and Mail Machine Operators, Except Postal Service	22	6	27.3
113021	Computer and Information Systems Managers	22	5	22.7
254012	Curators	21	7	33.3
493023	Automotive Service Technicians and Mechanics	20	8	40.0
132031	Budget Analysts	20	7	35.0
193011	Economists	20	4	20.0
472152	Plumbers, Pipefitters, and Steamfitters	19	10	52.6
131141	Compensation, Benefits, and Job Analysis Specialists	19	7	36.8
254013	Museum Technicians and Conservators	18	5	27.8
152041	Statisticians	18	4	22.2
536041	Traffic Technicians	18	3	16.7
511011	First-Line Supervisors of Production and Operating Workers	17	7	41.2
499021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	17	6	35.3
172199	Engineers, All Other	16	6	37.5
371012	First-Line Supervisors of Landscaping, Lawn Service, and Groundsk	15	8	53.3
191041	Epidemiologists	14	2	14.3
472111	Electricians	13	7	53.8
113011	Administrative Services Managers	13	6	46.2
474011	Construction and Building Inspectors	13	6	46.2
252011	Preschool Teachers, Except Special Education	13	0	0.0
171021	Cartographers and Photogrammetrists	12	3	25.0
273091	Interpreters and Translators	12	2	16.7
232093	Title Examiners, Abstractors, and Searchers	11	5	45.5
193091	Anthropologists and Archeologists	11	5	45.5
339092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	11	1	9.1
472031	Carpenters	10	4	40.0
132051	Financial Analysts	9	4	44.4
299091	Athletic Trainers	9	2	22.2
435061	Production, Planning, and Expediting Clerks	9	1	11.1
151121	Computer Systems Analysts	9	1	11.1
113071	Transportation, Storage, and Distribution Managers	8	5	62.5
251111	Criminal Justice and Law Enforcement Teachers, Postsecondary	8	4	50.0
319092	Medical Assistants	8	3	37.5
436012	Legal Secretaries	8	1	12.5
532012	Commercial Pilots	7	1	14.3
231021	Administrative Law Judges, Adjudicators, and Hearing Officers	6	4	66.7
292053	Psychiatric Technicians	6	3	50.0
434161	Human Resources Assistants, Except Payroll and Timekeeping	6	3	50.0

Appendix Table 7: Replacement Need -- Total Number of Persons and Number of Persons Age 55 and Older in Selected Occupations in Educational Services (NAICS^a 61) and Public Administration (NAICS^a 92) , 2014Q3

SOC ^b Code	Occupation	Total N	Age 55 and Older	
			N	%
132052	Personal Financial Advisors	6	1	16.7

^aNorth American Industry Classification System.

^bStandard Occupational Classification System.

Sources: Wyoming Department of Education Staffing File; State Auditor's State Employee File.

Appendix Table 8: Replacement Need -- Total Number of Persons and Number of Persons Age 55 and Older in Selected Occupations in Health Care & Social Assistance (NAICS^a 62) , 2014Q3

SOC ^b Code	Occupation	Total N	Age 55 and Older	
			N	%
291141	Registered Nurses	3,732	947	25.4
311014	Nursing Assistants	816	48	5.9
291069	Physicians and Surgeons, All Other	520	179	34.4
292034	Radiologic Technologists and Technicians	506	80	15.8
292061	Licensed Practical and Licensed Vocational Nurses	493	164	33.3
292021	Dental Hygienists	361	64	17.7
211019	Counselors, All Other	302	111	36.8
211029	Social Workers, All Other	263	70	26.6
291123	Physical Therapists	263	63	24.0
291122	Occupational Therapists	245	36	14.7
291021	Dentists, General	211	67	31.8
291126	Respiratory Therapists	210	56	26.7
291071	Physician Assistants	166	36	21.7
291127	Speech-Language Pathologists	162	26	16.0
291051	Pharmacists	126	37	29.4
312021	Physical Therapist Assistants	109	15	13.8
292052	Pharmacy Technicians	108	17	15.7
291067	Surgeons	105	38	36.2
291041	Optometrists	79	21	26.6
291011	Chiropractors	77	17	22.1
211011	Substance Abuse and Behavioral Disorder Counselors	55	25	45.5
193031	Clinical, Counseling, and School Psychologists	54	21	38.9
291064	Obstetricians and Gynecologists	54	16	29.6
291061	Anesthesiologists	48	13	27.1
211013	Marriage and Family Therapists	34	12	35.3
291066	Psychiatrists	27	12	44.4
291081	Podiatrists	13	2	15.4
291181	Audiologists	12	6	50.0
291063	Internists, General	12	2	16.7
111021	General and Operations Managers	9	4	44.4
291062	Family and General Practitioners	7	1	14.3

Note: Most physicians and surgeons are classified in this table as "Physicians and Surgeons, All Other" (SOC 29-1069) because the area of practice could not be identified in state licensing board records. There are some exceptions in this table, such as the 7 Family and General Practitioners (SOC 29-1062).

^aNorth American Industry Classification System.

^bStandard Occupational Classification System.

Source: Wyoming State Licensing Boards.

Appendix A Table 3: Population Estimates for Wyoming in Selected Years by Single Year of Age, 2000-2014

Age	2000			2005			2008			2010			2014			
	Estimated Population N	Column %	Change, 2000-2005 N	Row %	Estimated Population N	Column %	Change, 2005-2008 N	Row %	Estimated Population N	Column %	Change, 2008-2010 N	Row %	Estimated Population N	Column %	Change, 2010-2014 N	Row %
0-5	37,182	7.5%	2,780	7.5%	45,739	8.4%	5,777	14.5%	47,953	8.5%	2,214	4.8%	46,155	7.9%	-1,798	-3.7%
6	6,183	1.3%	796	12.9%	7,970	1.5%	991	14.2%	7,810	1.4%	-160	-2.0%	7,614	1.3%	-196	-2.5%
7	6,257	1.3%	473	7.6%	7,914	1.4%	1,184	17.6%	7,974	1.4%	60	0.8%	7,608	1.3%	-366	-4.6%
8	6,143	1.2%	695	11.3%	7,835	1.4%	997	14.6%	8,195	1.5%	360	4.6%	7,506	1.3%	-689	-8.4%
9	6,164	1.2%	352	5.7%	7,403	1.4%	887	13.6%	8,311	1.5%	908	12.3%	7,642	1.3%	-669	-8.0%
10	6,143	1.2%	322	3.8%	7,055	1.3%	680	10.7%	7,900	1.4%	845	12.0%	7,801	1.3%	-99	-1.3%
11	6,292	1.3%	232	3.7%	7,562	1.4%	1,038	15.9%	7,763	1.4%	201	2.7%	7,984	1.4%	221	2.8%
12	74,632	15.1%	-5,655	-7.6%	70,480	12.9%	1,503	2.2%	72,713	12.9%	2,233	3.2%	76,999	13.2%	4,286	5.9%
13	6,626	1.3%	-100	-1.5%	7,200	1.3%	674	10.3%	7,566	1.3%	366	5.1%	8,250	1.4%	684	9.0%
14	6,766	1.4%	-296	-4.4%	6,961	1.3%	491	7.6%	7,534	1.3%	573	8.2%	8,262	1.4%	728	9.7%
15	7,018	1.4%	-615	-8.8%	6,790	1.2%	1,216	20.3%	7,236	1.3%	446	6.0%	8,018	1.4%	782	10.8%
16	7,236	1.5%	-856	-11.8%	6,859	1.3%	479	7.5%	7,206	1.3%	347	5.1%	7,732	1.4%	526	7.3%
17	7,433	1.5%	-759	-10.2%	7,202	1.3%	528	7.9%	7,470	1.3%	268	3.7%	7,627	1.3%	157	2.1%
18	7,577	1.5%	-508	-6.9%	6,890	1.3%	-10	-0.1%	7,201	1.3%	311	4.5%	7,486	1.3%	285	4.0%
19	7,937	1.6%	-631	-8.0%	7,015	1.3%	-291	-4.0%	7,262	1.3%	297	4.3%	7,288	1.2%	26	0.4%
20	8,099	1.6%	-609	-7.5%	7,138	1.3%	-352	-4.7%	6,956	1.2%	-182	-2.5%	7,400	1.3%	444	6.4%
21	8,532	1.7%	-782	-9.2%	7,460	1.4%	-290	-3.7%	7,137	1.3%	-323	-4.3%	7,637	1.3%	500	7.0%
22	33,472	6.8%	6,983	20.8%	40,892	7.5%	282	0.7%	40,527	7.2%	-365	-0.9%	42,651	7.3%	2,124	5.2%
23	7,112	1.6%	737	9.6%	7,944	1.5%	-505	-6.0%	8,466	1.5%	522	6.6%	7,948	1.4%	-518	-6.1%
24	7,047	1.4%	1,244	17.7%	8,094	1.5%	-197	-2.4%	8,042	1.4%	-52	-0.6%	8,093	1.4%	51	0.6%
25	8,295	1.7%	-440	-5.3%	8,048	1.5%	193	2.5%	7,758	1.4%	-290	-3.6%	6,978	1.2%	-780	-10.1%
26	8,217	1.7%	11	0.1%	8,039	1.5%	-189	-2.3%	8,276	1.5%	237	2.9%	7,814	1.3%	-462	-5.6%
27	33,627	6.8%	6,983	20.8%	40,892	7.5%	282	0.7%	40,527	7.2%	-365	-0.9%	42,651	7.3%	2,124	5.2%
28	7,712	1.6%	849	11.0%	8,449	1.6%	737	9.6%	7,944	1.5%	-505	-6.0%	8,466	1.5%	522	6.6%
29	7,047	1.4%	1,244	17.7%	8,094	1.5%	-197	-2.4%	8,042	1.4%	-52	-0.6%	8,093	1.4%	51	0.6%
30	8,141	1.6%	1,870	29.8%	8,383	1.5%	242	3.0%	8,049	1.4%	-334	-4.0%	8,951	1.5%	902	11.2%
31	5,951	1.2%	1,677	28.2%	8,238	1.5%	610	8.0%	8,199	1.5%	-39	-0.5%	9,065	1.6%	866	10.6%
32	59,494	12.0%	62,644	12.2%	71,440	13.1%	8,796	14.0%	78,227	13.9%	6,787	9.5%	82,625	14.1%	4,398	5.6%
33	6,015	1.2%	1,494	24.8%	8,035	1.5%	526	7.0%	8,555	1.5%	520	6.5%	8,606	1.5%	51	0.6%
34	5,715	1.2%	803	14.1%	6,318	1.5%	1,561	23.9%	8,329	1.5%	1,520	3.1%	8,067	1.4%	-262	-3.1%
35	5,792	1.2%	342	5.9%	7,812	1.4%	1,678	27.4%	8,298	1.5%	486	6.2%	8,091	1.4%	-207	-2.5%
36	5,971	1.2%	30	0.5%	7,840	1.4%	1,839	30.6%	8,307	1.5%	467	6.0%	8,179	1.4%	-128	-1.5%
37	6,274	1.3%	-642	-10.2%	6,971	1.3%	1,339	23.8%	8,016	1.4%	1,045	15.0%	8,439	1.4%	423	5.3%
38	6,271	1.3%	1,870	29.8%	8,383	1.5%	242	3.0%	8,049	1.4%	-334	-4.0%	8,951	1.5%	902	11.2%
39	5,925	1.2%	1,677	28.2%	8,238	1.5%	610	8.0%	8,199	1.5%	-39	-0.5%	9,065	1.6%	866	10.6%
40	6,278	1.3%	-212	-3.4%	6,663	1.2%	597	9.8%	8,229	1.5%	1,566	23.5%	8,342	1.4%	113	1.4%
41	5,925	1.2%	-87	-1.5%	6,724	1.2%	886	15.2%	7,621	1.4%	897	13.3%	8,227	1.4%	606	8.0%
42	5,833	1.2%	291	5.0%	6,244	1.1%	120	2.0%	7,174	1.3%	930	14.9%	8,257	1.4%	1,083	15.1%
43	5,649	1.1%	559	9.9%	6,744	1.2%	536	8.6%	6,972	1.2%	228	3.4%	8,285	1.4%	1,313	18.8%
44	6,042	1.2%	572	9.5%	6,328	1.2%	398	6.3%	6,726	1.2%	398	6.3%	8,132	1.4%	1,406	20.9%
45-54	78,651	15.9%	-11,523	-14.7%	66,790	12.2%	-338	-0.5%	66,575	11.8%	-215	-0.3%	69,930,000	12.0%	3,355	5.0%
55	6,536	1.3%	-12	-0.2%	6,492	1.2%	-32	-0.5%	6,884	1.2%	392	6.0%	7,785	1.3%	901	13.1%
56	6,995	1.4%	-846	-12.1%	6,734	1.2%	585	9.5%	6,520	1.2%	-214	-3.2%	7,339	1.3%	819	12.6%
57	7,220	1.5%	-1,243	-17.2%	6,971	1.3%	994	16.6%	6,429	1.1%	-542	-7.8%	7,151	1.2%	722	11.2%
58	7,604	1.5%	-1,895	-24.9%	6,765	1.2%	1,056	18.5%	6,630	1.2%	-135	-2.0%	6,736	1.2%	106	1.6%
59	7,948	1.6%	-1,801	-22.7%	6,432	1.2%	285	4.6%	7,094	1.3%	662	10.3%	7,073	1.2%	-21	-0.3%
60	8,331	1.7%	-1,672	-20.1%	6,467	1.2%	-192	-2.9%	7,144	1.3%	677	10.5%	6,540	1.1%	-604	-8.5%
61	8,332	1.7%	-1,289	-15.5%	6,039	1.1%	-1,004	-14.3%	6,553	1.2%	514	8.5%	6,553	1.1%	0	0.0%
62	8,413	1.7%	-1,109	-13.2%	6,562	1.2%	-742	-10.2%	6,510	1.2%	-52	-0.8%	6,532	1.1%	22	0.3%
63	8,711	1.8%	-1,050	-12.1%	6,930	1.3%	-731	-9.5%	6,269	1.1%	-661	-10.6%	7,109	1.2%	840	13.4%
64	8,561	1.7%	-606	-7.1%	7,398	1.4%	-557	-7.0%	6,542	1.2%	-851	-11.6%	7,112	1.2%	570	8.7%
65-74	74,557	15.1%	8,801	11.8%	84,979	15.6%	1,621	1.9%	83,388	14.8%	-1,591	-1.9%	73,372	12.6%	-10,016	-12.0%
75	8,668	1.8%	-354	-4.1%	7,465	1.4%	-849	-10.2%	7,112	1.3%	-353	-4.7%	6,530	1.1%	-582	-8.2%
76	8,520	1.7%	-147	-1.7%	8,001	1.5%	-372	-4.4%	7,638	1.4%	-363	-4.5%	6,356	1.1%	-1,282	-16.8%
77	8,269	1.7%	310	3.7%	8,539	1.6%	-40	-0.5%	7,849	1.4%	-690	-8.1%	6,378	1.1%	-1,471	-18.7%

Appendix A Table 3: Population Estimates for Wyoming in Selected Years by Single Year of Age, 2000-2014

Age	2000			2005			2008			2010			2014			
	Estimated Population N	Column %	Change, 2000-2014 N	Estimated Population N	Column %	Row %	Estimated Population N	Column %	Row %	Estimated Population N	Column %	Row %	Estimated Population N	Column %	Row %	
48	7,842	1.6%	8,686	1.7%	844	10.8%	8,411	1.5%	-275	-3.2%	8,022	1.4%	6,558	1.1%	-1,464	-18.2%
49	7,600	1.5%	8,665	1.7%	1,065	14.0%	8,690	1.6%	25	0.3%	8,628	1.5%	6,996	1.2%	-1,632	-18.9%
50	7,400	1.5%	8,614	1.7%	1,214	16.4%	8,791	1.6%	177	2.1%	8,814	1.6%	7,577	1.3%	-1,237	-14.0%
51	6,987	1.4%	8,481	1.6%	1,494	21.4%	8,954	1.6%	473	5.6%	8,657	1.5%	7,703	1.3%	-954	-11.0%
52	6,901	1.4%	8,187	1.6%	1,286	18.6%	8,655	1.6%	468	5.7%	8,719	1.5%	7,994	1.4%	-725	-8.3%
53	7,204	1.5%	7,865	1.5%	661	9.2%	8,750	1.6%	885	11.3%	9,082	1.6%	8,550	1.5%	-532	-5.9%
54	5,166	1.0%	7,594	1.5%	2,428	47.0%	8,723	1.6%	1,129	14.9%	8,867	1.6%	8,730	1.5%	-137	-1.5%
55-64	44,801	9.1%	59,125	11.3%	13,324	29.7%	67,666	12.4%	9,541	16.4%	73,942	13.1%	80,819	13.8%	6,877	9.3%
55	5,303	1.1%	7,436	1.4%	2,133	40.2%	8,434	1.5%	998	13.4%	8,782	1.6%	8,467	1.4%	-315	-3.6%
56	5,270	1.1%	6,954	1.4%	1,684	32.0%	7,895	1.4%	941	13.5%	8,544	1.5%	8,575	1.5%	31	0.4%
57	5,271	1.1%	6,895	1.3%	1,624	30.8%	7,458	1.4%	563	8.2%	8,813	1.5%	8,813	1.5%	521	6.3%
58	4,813	1.0%	7,130	1.4%	2,317	48.1%	7,545	1.4%	415	5.8%	7,938	1.4%	8,604	1.5%	666	8.4%
59	4,411	0.9%	5,161	1.0%	750	17.0%	6,985	1.3%	1,824	35.3%	7,569	1.3%	8,542	1.5%	973	12.9%
60	4,223	0.9%	5,214	1.0%	991	23.5%	6,910	1.3%	1,696	32.5%	7,263	1.3%	8,246	1.4%	983	13.5%
61	4,116	0.8%	5,142	1.0%	1,026	24.9%	7,144	1.3%	2,002	38.9%	6,888	1.2%	7,926	1.4%	1,038	15.1%
62	3,989	0.8%	5,175	1.0%	1,186	29.7%	5,012	0.9%	-163	-3.1%	6,682	1.2%	7,525	1.3%	843	12.6%
63	3,751	0.8%	4,653	0.9%	902	24.0%	5,173	0.9%	520	11.2%	6,963	1.2%	7,227	1.2%	244	3.5%
64	3,654	0.7%	4,365	0.8%	711	19.5%	5,110	0.9%	745	17.1%	5,001	0.9%	6,894	1.2%	1,893	37.9%
65+	57,884	11.7%	62,184	12.1%	4,303	7.4%	66,678	12.2%	4,491	7.2%	70,225	12.4%	81,641	14.0%	11,416	16.3%
65	3,617	0.7%	4,085	0.8%	468	12.9%	5,088	0.9%	1,003	24.6%	5,049	0.9%	6,757	1.2%	1,708	33.8%
66	3,297	0.7%	3,892	0.8%	595	18.0%	4,538	0.8%	646	16.6%	4,918	0.9%	6,324	1.1%	1,406	28.6%
67	3,258	0.7%	3,816	0.7%	558	17.1%	4,148	0.8%	332	8.7%	4,914	0.9%	6,403	1.1%	1,489	30.3%
68	3,261	0.7%	3,432	0.7%	171	5.2%	3,826	0.7%	394	11.5%	4,312	0.8%	4,621	0.8%	309	7.2%
69	3,161	0.6%	3,393	0.7%	232	7.3%	3,558	0.7%	165	4.9%	3,887	0.7%	4,607	0.8%	720	18.5%
70	3,202	0.6%	3,344	0.7%	142	4.4%	3,642	0.7%	298	8.9%	3,733	0.7%	4,426	0.8%	693	18.6%
71	3,114	0.6%	2,968	0.6%	-146	-4.7%	3,275	0.6%	307	10.3%	3,540	0.6%	4,503	0.8%	963	27.2%
72	3,010	0.6%	2,901	0.6%	-109	-3.6%	3,146	0.6%	245	8.4%	3,327	0.6%	3,870	0.7%	543	16.3%
73	2,749	0.6%	2,924	0.6%	175	6.4%	3,130	0.6%	206	7.0%	3,132	0.6%	3,495	0.6%	363	11.6%
74	2,685	0.5%	2,677	0.5%	-8	-0.3%	2,615	0.5%	-62	-2.3%	2,914	0.5%	3,376	0.6%	462	15.9%
75	2,673	0.5%	2,692	0.5%	19	0.7%	2,554	0.5%	-138	-5.1%	2,823	0.5%	3,062	0.5%	239	8.5%
76	2,490	0.5%	2,685	0.5%	195	7.8%	2,681	0.5%	-4	-0.1%	2,562	0.5%	2,935	0.5%	373	14.6%
77	2,424	0.5%	2,500	0.5%	76	3.1%	2,372	0.4%	-128	-5.1%	2,372	0.4%	2,703	0.5%	331	14.0%
78	2,186	0.4%	2,297	0.4%	111	5.1%	2,450	0.4%	153	6.7%	2,449	0.4%	2,457	0.4%	8	0.3%
79	2,089	0.4%	2,184	0.4%	95	4.5%	2,401	0.4%	217	9.9%	2,230	0.4%	2,341	0.4%	111	5.0%
80	1,924	0.4%	2,094	0.4%	170	8.8%	2,137	0.4%	43	2.1%	2,193	0.4%	2,168	0.4%	-25	-1.1%
81	1,690	0.3%	1,900	0.4%	210	12.4%	1,937	0.4%	37	1.9%	2,090	0.4%	1,980	0.3%	-110	-5.3%
82	1,598	0.3%	1,885	0.4%	287	18.0%	1,816	0.3%	67	3.7%	1,938	0.3%	1,915	0.3%	-23	-1.2%
83	1,379	0.3%	1,573	0.3%	194	14.1%	1,669	0.3%	96	6.1%	1,642	0.3%	1,887	0.3%	245	14.9%
84	1,291	0.3%	1,480	0.3%	189	14.6%	1,544	0.3%	64	4.3%	1,547	0.3%	1,764	0.3%	217	14.0%
85+	6,786	1.4%	7,465	1.5%	679	10.0%	8,151	1.5%	686	9.2%	8,653	1.5%	10,047	1.7%	1,394	16.1%
Total	494,300	100.0%	514,157	100.0%	19,857	4.0%	546,043	100.0%	31,886	6.2%	564,460	100.0%	584,153	100.0%	19,693	3.5%

Source: U.S. Census Bureau
Prepared by M Moore, Research & Planning, WY DWS, 11/20/15.