

## Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3

Supplemental material for “Analysis of the Gender Wage Gap Among Wyoming State Employees,” published in the June 2019 issue of Wyoming Labor Force Trends.

Prepared by Lisa Knapp, Senior Research Analyst, Research & Planning, Wyoming Department of Workforce Services.

Full article and analysis available online at <https://doe.state.wy.us/LMI/trends/0619/0619.pdf>.

### Table Notes:

N/D = Not discloseable due to confidentiality.

Blank cells indicate test results not available because data for one or both genders were nondiscloseable.

<sup>a</sup>Standard Occupational Classification.

<sup>b</sup>A value less than .05 indicates a significant difference in the number of men and women working in an occupation.

\*Occupations with a significant difference in the number of men and women.

M = Occupation in which men’s wages were statistically significantly higher than women’s wages.

W = Occupation in which women’s wages were statistically significantly higher than men’s wages.

Source: Wyoming State Auditor state employee files.

Prepared by L. Knapp, Research & Planning, WY DWS, 3/19/19.

**Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3**

Classification Family Code (Bold), Detailed Classification Code, and SOC <sup>c</sup> Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test						
	Hourly Wage						Hourly Wage						t Value	DF	T_Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under HO	Z Score	Two Sided Pr. <sup>b</sup>	
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																
<b>ATHE (Hearing Examiner)</b>	N/D	N/D	N/D	N/D	N/D	N/D	3	\$46.53	\$45.75	\$47.85	1.1516	0.66488																
ATHE04-Senior Hearing Examiner (Paralegals & Legal Assistants)	N/D	N/D	N/D	N/D	N/D	N/D	3	\$46.53	\$45.75	\$47.85	1.1516	0.6649																
<b>ATLA (Practicing Attorney)</b>	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
ATLA12-Legal Review Administrator (Paralegals & Legal Assistants)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
<b>ATMA (Managing Attorney)</b>	7	\$84.29	\$41.93	\$302.89	96.5127	36.4784	21	\$46.92	\$33.49	\$53.31	4.1663	0.90917	1.02	6.008	0.3452	112.5	0.58377	0.55937				0.25	0.08961	0.41039	0.09449	-2.6458	0.00815	
ATMA01-Managing Attorney 1 (Lawyers)	N/D	N/D	N/D	N/D	N/D	N/D	13	\$44.84	\$33.49	\$48.13	3.7851	1.0498																
ATMA02-Managing Attorney 2 (Lawyers)	N/D	N/D	N/D	N/D	N/D	N/D	8	\$50.29	\$47.25	\$53.31	1.9957	0.7056																
<b>ATPA (Practicing Attorney)</b>	40	\$52.52	\$19.43	\$249.54	54.5724	8.6287	65	\$41.67	\$12.74	\$284.62	31.8059	3.94503	1.14	55.53	0.2575	2185	0.42906	0.66788				0.38095	0.28807	0.47384	0.0488	-2.4398	0.0147	
ATPA01-Practicing Attorney 1 (Lawyers)	N/D	N/D	N/D	N/D	N/D	N/D	5	\$31.14	\$28.17	\$32.37	1.8648	0.834																
ATPA02-Practicing Attorney 2 (Lawyers)	14	\$63.23	\$19.43	\$249.54	79.044	21.1255	21	\$33.87	\$31.59	\$37.80	1.7358	0.3788	1.39	13.008	0.1879	261.5	0.32267	0.74694				0.4	0.2377	0.5623	0.08452	-1.1832	0.23672	
W ATPA03-Practicing Attorney 3 (Lawyers)	10	\$39.06	\$21.92	\$43.69	6.204	1.9619	16	\$35.68	\$12.74	\$46.24	7.3042	1.8261	1.26	21.615	0.2204	186	2.6884	0.00718	-\$3.38	\$1.09	-\$7,036	0.38462	0.19761	0.57162	0.09806	-1.1767	0.23932	
ATPA04-Practicing Attorney 4 (Lawyers)	8	\$46.66	\$41.15	\$57.33	5.521	1.9521	19	\$54.34	\$29.61	\$284.62	55.9928	12.8456	-0.59	18.815	0.5612	139	1.4339	0.1516				0.2963	0.12406	0.46853	0.09623	-2.117	0.03426	
ATPA05-Practicing Attorney 5 (Lawyers)	N/D	N/D	N/D	N/D	N/D	N/D	4	\$59.51	\$46.90	\$79.54	15.3193	7.6596										0.2	0	0.55061	0.22361	-1.3416	0.17971	
<b>BAAS (Administrative Support)</b>	391	\$18.30	\$8.90	\$32.63	3.6975	0.187	18	\$18.75	\$13.94	\$31.21	4.3166	1.01742	-0.43	18.167	0.6715	3749.5	0.12134	0.90342				0.95599	0.93611	0.97587	0.02472	18.4437	<0.0001	
BAAS03-Office Assistant I (Office Clerks, General)	44	\$12.99	\$9.60	\$17.34	1.653	0.2491	N/D	N/D	N/D	N/D	N/D	N/D																
BAAS04-Office Assistant II (Office Clerks, General)	5	\$15.17	\$13.04	\$16.49	1.359	0	N/D	N/D	N/D	N/D	N/D	N/D																
BAAS05-Office Support Specialist I (Secretaries, Except Legal, Medical, & Executive)	123	\$16.03	\$8.90	\$24.40	1.82	0.1641	8	\$15.60	\$13.94	\$17.35	1.1819	0.4179	0.96	9.314	0.3599	433.5	-0.90872	0.3635				0.93893	0.89793	0.97994	0.04369	10.0476	<0.0001	
BAAS06-Office Support Specialist II (Executive Secretaries & Administrative Assistants)	142	\$19.64	\$11.89	\$31.68	2.065	0.1733	3	\$18.97	\$17.32	\$21.12	1.9449	1.1229	0.58	2.0964	0.6161	176.5	-0.59064	0.55476				0.97931	0.95614	1	0.04152	11.5433	<0.0001	
BAAS07-Senior Office Support Specialist (Executive Secretaries & Administrative Assistants)	77	\$22.70	\$14.76	\$32.63	2.654	0.3024	6	\$23.44	\$21.25	\$31.21	3.8711	1.5804	-0.46	5.3724	0.6658	229.5	-0.3957	0.69233				0.92771	0.872	0.98342	0.05488	7.7933	<0.0001	
<b>BABO (Business Operations)</b>	48	\$33.50	\$17.08	\$225.65	28.845	4.1634	11	\$33.98	\$25.25	\$53.02	8.8146	2.6577	-0.1	52.296	0.9224	409.5	1.54729	0.12179				0.81356	0.71418	0.91294	0.06509	4.817	<0.0001	
BABO08-Business Office Coordinator I (First-Line Supervisors/Managers of Office & Administrative Support Workers)	20	\$25.46	\$17.08	\$33.24	3.423	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0													
BABO09-Business Office Coordinator II (First-Line Supervisors/Managers of Office & Administrative Support Workers)	6	\$27.64	\$24.72	\$31.04	2.425	0.9902	3	\$26.19	\$25.25	\$27.15	0.9488	0.5478	1.29	6.9106	0.2401	12	-0.7746	0.43858				0.66667	0.35869	0.97465	0.16667	1	0.31731	
BABO10-Business Office Supervisor I (First-Line Supervisors/Managers of Office & Administrative Support Workers)	12	\$30.86	\$27.11	\$34.27	2.373	0.685	N/D	N/D	N/D	N/D	N/D	N/D																
BABO11-Business Office Supervisor II (First-Line Supervisors/Managers of Office & Administrative Support Workers)	6	\$66.14	\$31.89	\$225.65	78.171	31.913	N/D	N/D	N/D	N/D	N/D	N/D																
BABO12-Business Office Manager I (Administrative Services Managers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
BABO13-Business Office Manager II (Administrative Services Managers)	N/D	N/D	N/D	N/D	N/D	N/D	3	\$44.37	\$36.06	\$53.02	8.486	4.8994																
<b>BACA (Consumer Affairs)</b>	4	\$28.33	\$19.93	\$44.53	11.05	5.525	N/D	N/D	N/D	N/D	N/D	N/D																
BACA07-Consumer Affairs Specialist (Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																

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	Hourly Wage						Hourly Wage						t Value	DF	T Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>		
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																	
BACA08-Senior Consumer Affairs Specialist (Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
BACA11-Consumer Affairs Program Manager (General & Operations Managers)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																	
<b>BADC (Drivers License)</b>	<b>3</b>	<b>\$18.51</b>	<b>\$17.31</b>	<b>\$20.16</b>	<b>1.4806</b>	<b>0.8548</b>	N/D	N/D	N/D	N/D	N/D	N/D																	
BADC06-Drivers License CDL Examiner (Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation)	3	\$18.51	\$17.31	\$20.16	1.481	0.8548	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>BADL (Drivers License)</b>	<b>41</b>	<b>\$19.86</b>	<b>\$12.48</b>	<b>\$41.69</b>	<b>4.7685</b>	<b>0.7447</b>	<b>8</b>	<b>\$20.35</b>	<b>\$17.17</b>	<b>\$26.71</b>	<b>3.3258</b>	<b>1.17583</b>	<b>-0.35</b>	<b>13.366</b>	<b>0.7283</b>	<b>230</b>	<b>0.81163</b>	<b>0.41701</b>											
BADL06-Drivers License Field Office Supervisor (First-Line Supervisors/Managers of Office & Administrative Support Workers)	26	\$17.72	\$12.48	\$20.50	1.735	0.3403	4	\$17.76	\$17.17	\$18.69	0.6744	0.3372	-0.08	10.869	0.941	61	-0.06105	0.95132											
BADL07-Drivers License Quality Control Supervisor (First-Line Supervisors/Managers of Office & Administrative Support Workers)	12	\$21.39	\$19.24	\$26.39	1.859	0.5366	N/D	N/D	N/D	N/D	N/D	N/D																	
BADL08-Drivers License Supervisor (First-Line Supervisors/Managers of Office & Administrative Support Workers)	N/D	N/D	N/D	N/D	N/D	N/D	3	\$23.86	\$22.34	\$26.71	2.4711	1.4267																	
BADL11-Drivers License Program Supervisor (Business Operations Specialists, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
BADL13-Drivers License Program Manager (Managers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																	
<b>BADS (Drivers License)</b>	<b>12</b>	<b>\$18.81</b>	<b>\$15.19</b>	<b>\$22.90</b>	<b>2.5013</b>	<b>0.7221</b>	<b>8</b>	<b>\$17.43</b>	<b>\$16.28</b>	<b>\$18.78</b>	<b>1.0126</b>	<b>0.35802</b>	<b>1.7</b>	<b>15.593</b>	<b>0.1082</b>	<b>69.5</b>	<b>-1.11912</b>	<b>0.26309</b>											
BADS05-Drivers Services Specialist (Executive Secretaries & Administrative Assistants)	6	\$16.74	\$15.19	\$18.22	0.972	0.397	6	\$17.22	\$16.28	\$18.71	1.0078	0.4114	-0.83	9.9872	0.4246	41.5	0.40102	0.6884											
BADS06-Drivers Services Helpdesk Specialist (Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
BADS07-Drivers Services Supervisor I (First-Line Supervisors/Managers of Office & Administrative Support Workers)	4	\$21.05	\$20.08	\$22.90	1.268	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0														
BADS08-Drivers Services Supervisor II (Business Operations Specialists, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>BADT (Drivers License)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>																	
BADT07-Drivers Services Trainer Analyst (Training & Development Specialist)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>BAED (Policy/Strategic Operations)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>																	
BAED12-Elections Director (Management Analysts)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>BAGC (Grants &amp; Contract Administration)</b>	<b>44</b>	<b>\$27.88</b>	<b>\$21.32</b>	<b>\$38.33</b>	<b>4.0892</b>	<b>0.6165</b>	<b>10</b>	<b>\$29.99</b>	<b>\$23.93</b>	<b>\$38.07</b>	<b>4.9195</b>	<b>1.55569</b>	<b>-1.26</b>	<b>11.987</b>	<b>0.2307</b>	<b>331</b>	<b>1.24704</b>	<b>0.21238</b>											
BAGC07-Grants & Contract Administration Specialist I (Business Operations Specialists, All Other)	4	\$22.18	\$21.32	\$23.10	0.73	0.3648	N/D	N/D	N/D	N/D	N/D	N/D																	
BAGC08-Grants & Contract Administration Specialist II (Business Operations Specialists, All Other)	7	\$24.17	\$21.92	\$27.59	1.76	0.6651	N/D	N/D	N/D	N/D	N/D	N/D																	
BAGC09-Senior Grants & Contract Administration Specialist (Business Operations Specialists, All Other)	22	\$27.48	\$23.82	\$32.44	2.043	0.4355	4	\$30.49	\$27.19	\$35.95	3.9563	1.9782	-1.48	3.2968	0.2263	76	1.56374	0.11788											

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	Hourly Wage						Hourly Wage						t Value	DF	T_Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Con- fidence Int.	Upper Con- fidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>		
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																	
BAGC10-Grants & Contract Administration Manager I (Business Operations Specialists, All Other)	6	\$31.56	\$29.71	\$33.88	1.391	0.5677	N/D	N/D	N/D	N/D	N/D	N/D																	
BAGC11-Grants & Contract Administration Manager II (Business Operations Specialists, All Other)	5	\$35.00	\$31.49	\$38.33	3.031	1.3556	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>BALG (Legal Support)</b>	<b>65</b>	<b>\$36.53</b>	<b>\$18.12</b>	<b>\$166.79</b>	<b>38.729</b>	<b>4.8037</b>	<b>4</b>	<b>\$29.79</b>	<b>\$23.12</b>	<b>\$36.37</b>	<b>7.1722</b>	<b>3.58612</b>	<b>1.12</b>	<b>20.353</b>	<b>0.2738</b>	<b>163</b>	<b>0.5907</b>	<b>0.55472</b>											
BALG07-Legal Support Specialist (Legal Secretaries)	7	\$40.13	\$21.22	\$136.74	42.656	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	0													
BALG08-Legal Assistant (Paralegals & Legal Assistants)	55	\$36.66	\$18.12	\$166.79	39.588	5.3381	N/D	N/D	N/D	N/D	N/D	N/D																	
BALG09-Hearing Officer (Administrative Law Judges, Adjudicators, & Hearing Officers)	3	\$25.78	\$24.05	\$28.12	2.104	1.2148	N/D	N/D	N/D	N/D	N/D	N/D																	
BALG12-Hearing Supervisor (Administrative Law Judges, Adjudicators, & Hearing Officers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
BALS (Business Operations)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
BALS08-Licensing Specialist (First- Line Supervisors/Managers of Office & Administrative Support Workers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>W BAMR (Mail Room)</b>	<b>11</b>	<b>\$17.86</b>	<b>\$13.00</b>	<b>\$27.30</b>	<b>4.6158</b>	<b>1.3917</b>	<b>9</b>	<b>\$14.07</b>	<b>\$11.44</b>	<b>\$17.00</b>	<b>1.9132</b>	<b>0.63773</b>	<b>2.48</b>	<b>13.876</b>	<b>0.0268</b>	<b>68</b>	<b>-2.0133</b>	<b>0.04408</b>	<b>-\$3.79</b>	<b>\$1.27</b>	<b>-\$7,883</b>	<b>0.55</b>	<b>0.33197</b>	<b>0.76803</b>	<b>0.1118</b>	<b>0.4472</b>	<b>0.65472</b>		
BAMR03-Mail Room Clerk I (Mail Clerks & Mail Machine Operators, Except Postal Service)	N/D	N/D	N/D	N/D	N/D	N/D	5	\$12.98	\$11.44	\$15.26	1.5389	0.6882																	
BAMR04-Mail Room Clerk II (Mail Clerks & Mail Machine Operators, Except Postal Service)	5	\$14.51	\$13.00	\$16.10	1.114	0.4983	4	\$15.43	\$13.60	\$17.00	1.4747	0.7374	-1.03	5.5045	0.3449	25	1.22474	0.22067				0.55556	0.23092	0.88019	0.16667	0.3333	0.73888		
BAMR05-Senior Mail Clerk - Correctional Institution (Mail Clerks & Mail Machine Operators, Except Postal Service)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																	
BAMR07-Mail Services Supervisor (First-Line Supervisors/Managers of Office & Administrative Support Workers)	3	\$24.30	\$20.84	\$27.30	3.256	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	0													
<b>BAPM (Project Management)</b>	<b>9</b>	<b>\$31.65</b>	<b>\$25.96</b>	<b>\$35.85</b>	<b>3.0945</b>	<b>1.0315</b>	<b>3</b>	<b>\$29.12</b>	<b>\$27.66</b>	<b>\$29.95</b>	<b>1.2736</b>	<b>0.73532</b>	<b>1.99</b>	<b>8.951</b>	<b>0.0778</b>	<b>10</b>	<b>-1.75655</b>	<b>0.07899</b>				<b>0.75</b>	<b>0.505</b>	<b>0.995</b>	<b>0.14434</b>	<b>1.7321</b>	<b>0.08326</b>		
BAPM09-Project Management Analyst (Management Analysts)	4	\$31.23	\$25.96	\$35.49	4.211	2.1055	N/D	N/D	N/D	N/D	N/D	N/D																	
BAPM10-Senior Business Project Management Analyst (Management Analysts)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
BAPM11-Project Management Supervisor (Management Analysts)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																	
<b>BAPP (Production &amp; Printing)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>\$21.25</b>	<b>\$17.99</b>	<b>\$28.49</b>	<b>4.123</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
BAPP05-Production & Printing Technician (Printing Press Operators)	0	\$0.00	\$0.00	\$0.00	0	0	4	\$18.80	\$17.99	\$19.54	0.804	0	0	0	0	0													
BAPP07-Production & Printing Supervisor (First-Line Supervisors/ Managers of Production & Operating Workers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
BAPP09-Production Manager - License Plate Shop (First- Line Supervisors/Managers of Production & Operating Workers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>M BAPS (Policy/Strategic Operations)*</b>	<b>55</b>	<b>\$29.42</b>	<b>\$8.92</b>	<b>\$48.33</b>	<b>6.8874</b>	<b>0.9287</b>	<b>29</b>	<b>\$31.60</b>	<b>\$23.99</b>	<b>\$39.85</b>	<b>4.176</b>	<b>0.77547</b>	<b>-1.8</b>	<b>80.283</b>	<b>0.0753</b>	<b>1451</b>	<b>2.05569</b>	<b>0.03981</b>	<b>\$2.18</b>	<b>\$0.93</b>	<b>\$4,535</b>	<b>0.65476</b>	<b>0.55309</b>	<b>0.75644</b>	<b>0.05455</b>	<b>2.8368</b>	<b>0.00456</b>		
BAPS07-Policy & Planning Analyst I (Business Operations Specialists, All Other)	6	\$22.64	\$19.56	\$26.20	2.291	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	0													
BAPS08-Policy & Planning Analyst II (Business Operations Specialists, All Other)	3	\$23.72	\$22.98	\$25.04	1.143	0.6599	N/D	N/D	N/D	N/D	N/D	N/D																	

**Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3**

Classification Family Code (Bold), Detailed Classification Code, and SOC <sup>c</sup> Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test						
	Hourly Wage						Hourly Wage						t Value	DF	T Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Propor- tion	Lower Con- fidence Int.	Upper Con- fidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>	
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																
BAPS09-Policy & Planning Analyst III (Business Operations Specialists, All Other)	19	\$27.59	\$8.92	\$31.21	4.692	1.0764	9	\$28.09	\$25.71	\$31.39	1.7701	0.59	-0.41	25.302	0.6869	111	-0.9595	0.3373				0.67857	0.50559	0.85156	0.09449	1.8898	0.05878	
BAPS10-Senior Policy & Planning Analyst (Business Operations Specialists, All Other)	17	\$30.55	\$26.65	\$33.63	2.159	0.5237	9	\$31.32	\$30.14	\$32.49	0.9671	0.3224	-1.24	23.636	0.2261	141	1.05099	0.29326				0.65385	0.47098	0.83671	0.09806	1.5689	0.11666	
BAPS11-Policy & Planning Coordinator (Business Operations Specialists, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	7	\$34.76	\$28.68	\$38.97	3.7502	1.4174																
BAPS12-Policy & Planning Supervisor I (Managers, All Other)	7	\$34.43	\$11.49	\$45.52	11.394	4.3066	3	\$38.12	\$37.13	\$39.85	1.5082	0.8708	-0.84	6.4682	0.4315	18	0.34188	0.73244				0.7	0.41597	0.98403	0.15811	1.2649	0.2059	
BAPS13-Policy & Legislative Liason (Business Operations Specialists, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
<b>BARD (Records &amp; Data Management)</b>	<b>114</b>	<b>\$21.96</b>	<b>\$11.41</b>	<b>\$44.53</b>	<b>6.1024</b>	<b>0.5715</b>	<b>32</b>	<b>\$23.70</b>	<b>\$14.41</b>	<b>\$34.59</b>	<b>5.4002</b>	<b>0.95464</b>										<b>0.78082</b>	<b>0.71372</b>	<b>0.84793</b>	<b>0.04138</b>	<b>6.7864</b>	<b>&lt;0.0001</b>	
BARD03-Records & Data Management Technician (Office Clerks, General)	13	\$13.44	\$11.41	\$14.84	0.99	0.2746	N/D	N/D	N/D	N/D	N/D	N/D																
BARD05-Records & Data Management Clerk I (Office Clerks, General)	25	\$16.88	\$15.40	\$20.91	1.187	0.2375	3	\$15.68	\$14.41	\$16.84	1.2176	0.703	1.62	2.4798	0.2225	23	-1.52542	0.12715				0.89286	0.77829	1	0.09449	4.1576	0.00003	
BARD06-Records & Data Management Clerk II (Office Clerks, General)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
BARD07-Records & Data Management Specialist I (Archivists)	34	\$22.51	\$15.56	\$28.85	2.583	0.443	11	\$22.39	\$18.77	\$24.84	1.7838	0.5378	0.18	24.721	0.8601	240	-0.34335	0.73134				0.75556	0.62999	0.88112	0.07454	3.4286	0.00061	
BARD08-Records & Data Management Specialist II (Archivists)	17	\$26.29	\$21.57	\$44.53	5.186	1.2578	5	\$23.70	\$22.24	\$26.40	1.711	0.7652	1.76	19.404	0.0935	41.5	-1.25425	0.20975				0.77273	0.59761	0.94784	0.1066	2.5584	0.01052	
BARD09-Records & Data Management Analyst (Archivists)	12	\$29.12	\$25.10	\$35.04	2.81	0.811	7	\$28.30	\$25.86	\$30.93	1.9257	0.7278	0.76	16.378	0.4581	64.5	-0.46504	0.6419				0.63158	0.41468	0.84848	0.11471	1.1471	0.25135	
BARD10-Records & Data Management Supervisor (Archivists)	7	\$31.75	\$30.15	\$34.66	1.506	0.5693	N/D	N/D	N/D	N/D	N/D	N/D																
BARD11-Records & Data Management Manager (Computer & Information Systems Managers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
<b>BARM (Risk Management)</b>	<b>3</b>	<b>\$25.51</b>	<b>\$21.52</b>	<b>\$31.94</b>	<b>5.6234</b>	<b>3.2467</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>																
BARM08-Risk Analyst (Claims Adjusters, Examiners, & Investigators)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
BARM10-Risk Manager (Claims Adjusters, Examiners, & Investigators)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
<b>BEBP (Benefits Program)</b>	<b>138</b>	<b>\$21.65</b>	<b>\$8.85</b>	<b>\$37.87</b>	<b>5.0916</b>	<b>0.4334</b>	<b>9</b>	<b>\$24.96</b>	<b>\$17.09</b>	<b>\$35.77</b>	<b>6.6765</b>	<b>2.2255</b>	<b>-1.46</b>	<b>8.618</b>	<b>0.1798</b>	<b>879.5</b>	<b>1.72808</b>	<b>0.08397</b>				<b>0.93878</b>	<b>0.90002</b>	<b>0.97753</b>	<b>0.04124</b>	<b>10.6397</b>	<b>&lt;0.0001</b>	
BEBP06-Benefits & Eligibility Specialist I (Eligibility Interviewers, Government Programs)	80	\$18.22	\$8.85	\$23.03	2.145	0.2398	4	\$20.50	\$17.09	\$22.49	2.3748	1.1874	-1.88	3.2495	0.1489	260.5	1.91902	0.05498				0.95238	0.90684	0.99792	0.05455	8.2923	<0.0001	
BEBP07-Benefits & Eligibility Specialist II (Eligibility Interviewers, Government Programs)	20	\$22.27	\$18.79	\$31.11	2.451	0.548	N/D	N/D	N/D	N/D	N/D	N/D																
BEBP08-Senior Benefits & Eligibility Specialist (Eligibility Interviewers, Government Programs)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																
BEBP09-Benefits & Eligibility Program Analyst (Eligibility Interviewers, Government Programs)	27	\$27.38	\$25.68	\$33.36	1.532	0.2949	N/D	N/D	N/D	N/D	N/D	N/D																
BEBP10-Benefits & Eligibility Supervisor (First-Line Supervisors/Managers of Office & Administrative Support Workers)	6	\$30.10	\$28.56	\$32.52	1.735	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0													

Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test					
	Hourly Wage						Hourly Wage						t Value	DF	T_Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)															
BEBP11-Benefits & Eligibility Manager I (General & Operations Managers)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
BEBP12-Benefits & Eligibility Manager II (General & Operations Managers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>BEDD (Disability Determination)</b>	<b>6</b>	<b>\$27.67</b>	<b>\$20.19</b>	<b>\$36.02</b>	<b>6.4106</b>	<b>2.6171</b>	<b>3</b>	<b>\$28.45</b>	<b>\$20.86</b>	<b>\$42.58</b>	<b>12.2497</b>	<b>7.07234</b>	<b>-0.1</b>	<b>2.566</b>	<b>0.9257</b>	<b>15.5</b>	<b>0.12964</b>	<b>0.89685</b>				<b>0.66667</b>	<b>0.35869</b>	<b>0.97465</b>	<b>0.16667</b>	<b>1</b>	<b>0.31731</b>
BEDD07-Disability Determination Specialist (Eligibility Interviewers, Government Programs)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
BEDD08-Senior Disability Determination Specialist (Eligibility Interviewers, Government Programs)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
BEDD09-Disability Determination Hearing Officer (Eligibility Interviewers, Government Programs)	3	\$29.66	\$27.35	\$33.41	3.278	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	0											
BEDD11-Disability Determination Supervisor (First-Line Supervisors/Managers of Office & Administrative Support Workers)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
BEDD13-Disability Determination Program Manager (Social & Community Service Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>BEQA (Quality Assurance)</b>	<b>27</b>	<b>\$26.39</b>	<b>\$20.36</b>	<b>\$39.67</b>	<b>4.2371</b>	<b>0.8154</b>	<b>4</b>	<b>\$29.86</b>	<b>\$23.90</b>	<b>\$34.62</b>	<b>4.5943</b>	<b>2.29714</b>	<b>-1.42</b>	<b>3.797</b>	<b>0.2318</b>	<b>87</b>	<b>1.35542</b>	<b>0.17528</b>				<b>0.87097</b>	<b>0.75296</b>	<b>0.98898</b>	<b>0.0898</b>	<b>4.1309</b>	<b>0.00004</b>
BEQA07-Quality Assurance Specialist (Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation)	12	\$23.48	\$20.36	\$26.95	2.185	0.6307	N/D	N/D	N/D	N/D	N/D	N/D															
BEQA08-Senior Quality Assurance Specialist (Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation)	6	\$24.93	\$23.51	\$25.91	1.008	0.4116	N/D	N/D	N/D	N/D	N/D	N/D															
BEQA10-Quality Assurance Supervisor (Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
BEQA12-Quality Assurance & Investigation Manager (Managers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>BEWC (Workers Comp/UI)</b>	<b>89</b>	<b>\$23.85</b>	<b>\$18.54</b>	<b>\$40.33</b>	<b>4.9035</b>	<b>0.5198</b>	<b>13</b>	<b>\$25.84</b>	<b>\$18.54</b>	<b>\$39.62</b>	<b>7.1392</b>	<b>1.98007</b>	<b>-0.97</b>	<b>13.702</b>	<b>0.3489</b>	<b>716.5</b>	<b>0.47257</b>	<b>0.63652</b>				<b>0.87255</b>	<b>0.80783</b>	<b>0.93727</b>	<b>0.04951</b>	<b>7.5251</b>	<b>&lt;0.0001</b>
BEWC07-Claims Specialist (Eligibility Interviewers, Government Programs)	72	\$22.03	\$18.54	\$30.36	2.667	0.3143	7	\$20.31	\$18.54	\$21.17	1.0782	0.4075	3.36	14.819	0.0044	181	-1.7152	0.08631				0.91139	0.84873	0.97406	0.05625	7.3131	<0.0001
BEWC08-Senior Claims Specialist (Eligibility Interviewers, Government Programs)	8	\$27.18	\$25.96	\$30.15	1.336	0.4725	N/D	N/D	N/D	N/D	N/D	N/D															
BEWC10-Claims Supervisor (First-Line Supervisors/Managers of Office & Administrative Support Workers)	6	\$33.93	\$32.72	\$37.10	1.635	0.6673	4	\$35.38	\$32.72	\$39.62	2.9643	1.4821	-0.89	4.235	0.4229	26.5	0.96527	0.33441				0.6	0.29636	0.90364	0.15811	0.6325	0.52709
BEWC12-Claims Manager (First-Line Supervisors/Managers of Office & Administrative Support Workers)	3	\$38.49	\$37.18	\$40.33	1.64	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>COAW (Prisons)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>															
COAW12-Associate Warden (First-Line Supervisors/Managers of Correctional Officers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>COCB (Correctional Program)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>															
COCB10-Community Based Program Supervisor (Social & Community Service Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>COCI (Correctional Investigation)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>6</b>	<b>\$31.15</b>	<b>\$28.55</b>	<b>\$34.07</b>	<b>2.4636</b>	<b>1.00575</b>															

**Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3**

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test																			
	Hourly Wage						Hourly Wage						t Value	DF	T_Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Propor- tion	Lower Con- fidence Int.	Upper Con- fidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>														
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																													
COCI09-Correctional Investigative Sergeant (Detectives & Criminal Investigators)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																													
COCI10-Correctional Investigative Lieutenant (Detectives & Criminal Investigators)	N/D	N/D	N/D	N/D	N/D	N/D	3	\$31.59	\$29.06	\$34.07	2.5052	1.4464																													
COCI11-Correctional Investigative Program Captain (First-Line Supervisors/Managers of Police & Detectives)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																													
COCI12-Correctional Investigative Major (First-Line Supervisors/Managers of Police & Detectives)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																													
<b>COCP (Correctional Program)</b>	<b>18</b>	<b>\$30.12</b>	<b>\$24.52</b>	<b>\$40.07</b>	<b>5.0305</b>	<b>1.1857</b>	<b>8</b>	<b>\$33.29</b>	<b>\$26.59</b>	<b>\$45.16</b>	<b>6.5548</b>	<b>2.31748</b>	<b>-1.22</b>	<b>10.839</b>	<b>0.2491</b>	<b>131.5</b>	<b>1.30578</b>	<b>0.19163</b>								<b>0.69231</b>	<b>0.5149</b>	<b>0.86971</b>	<b>0.09806</b>	<b>1.9612</b>	<b>0.04986</b>										
COCP09-Correctional Program Supervisor (Probation Officers & Correctional Treatment Specialists)	9	\$28.44	\$24.52	\$40.07	5.03	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	0																									
COCP10-Correctional Unit Supervisor (Probation Officers & Correctional Treatment Specialists)	6	\$29.42	\$25.86	\$35.92	3.709	1.5142	4	\$28.19	\$26.59	\$30.15	1.6107	0.8054	0.72	7.2605	0.4969	20.5	-0.32077	0.74838							0.6	0.29636	0.90364	0.15811	0.6325	0.52709											
COCP11-Correctional Program Manager I (Social & Community Service Managers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																													
COCP12-Correctional Program Manager II (Social & Community Service Managers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																													
<b>COPR (Prisons)</b>	<b>71</b>	<b>\$26.84</b>	<b>\$17.07</b>	<b>\$45.41</b>	<b>5.9605</b>	<b>0.7074</b>	<b>371</b>	<b>\$27.73</b>	<b>\$9.15</b>	<b>\$55.80</b>	<b>6.8867</b>	<b>0.35754</b>	<b>-1.12</b>	<b>108.99</b>	<b>0.266</b>	<b>14971</b>	<b>-0.76614</b>	<b>0.44359</b>							<b>0.16063</b>	<b>0.1264</b>	<b>0.19487</b>	<b>0.02378</b>	<b>-14.2695</b>	<b>&lt;0.0001</b>											
COPR05-Correctional Officer (Correctional Officers & Jailers)	49	\$24.21	\$17.07	\$32.31	4.033	0.5762	238	\$24.89	\$9.15	\$55.80	5.5953	0.3627	-1	90.695	0.3182	6830	-0.42719	0.66924							0.17073	0.1272	0.21426	0.02951	-11.1563	<0.0001											
COPR06-Correctional Corporal (Correctional Officers & Jailers)	4	\$27.17	\$24.03	\$30.27	2.553	1.2766	43	\$30.70	\$22.18	\$51.07	6.1626	0.9398	-2.23	6.9861	0.0615	67	-1.10561	0.26889							0.08511	0.00533	0.16488	0.07293	-5.6887	<0.0001											
COPR08-Correctional Sergeant (Correctional Officers & Jailers)	10	\$34.84	\$28.74	\$40.64	4.332	1.3698	58	\$33.18	\$22.87	\$49.97	5.8093	0.7628	1.06	15.216	0.3052	411	1.14287	0.25309							0.14706	0.06288	0.23124	0.06063	-5.8209	<0.0001											
COPR09-Correctional Lieutenant (First-Line Supervisors/Managers of Correctional Officers)	8	\$32.83	\$27.09	\$45.41	5.98	2.1144	21	\$36.04	\$26.11	\$49.17	5.7506	1.2549	-1.31	12.267	0.2156	85	-1.70783	0.08767							0.27586	0.11319	0.43853	0.09285	-2.414	0.01578											
COPR11-Correctional Captain (First-Line Supervisors/Managers of Correctional Officers)	0	\$0.00	\$0.00	\$0.00	0	0	8	\$31.17	\$29.08	\$34.57	2.266	0	0	0	0																										
COPR12-Correctional Major (First-Line Supervisors/Managers of Correctional Officers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																													
COPR13-Deputy Warden (General & Operations Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																													
<b>CRAR (Archeology)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>3</b>	<b>\$38.84</b>	<b>\$35.23</b>	<b>\$42.42</b>	<b>3.5918</b>	<b>2.07372</b>																													
CRAR10-Senior Archeologist (Anthropologists & Archeologists)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																													
CRAR11-Assistant State Archeologist (Anthropologists & Archeologists)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																													
CRAR12-Archeology Manager (Anthropologists & Archeologists)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																													
CRAR15-State Archeologist (Anthropologists & Archeologists)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																													
<b>CRCR (Cultural Resources)</b>	<b>16</b>	<b>\$27.10</b>	<b>\$16.00</b>	<b>\$41.33</b>	<b>5.9447</b>	<b>1.4862</b>	<b>20</b>	<b>\$28.71</b>	<b>\$15.77</b>	<b>\$36.92</b>	<b>5.2126</b>	<b>1.16556</b>	<b>-0.85</b>	<b>30.129</b>	<b>0.4011</b>	<b>259.5</b>	<b>-1.16208</b>	<b>0.2452</b>							<b>0.44444</b>	<b>0.28213</b>	<b>0.60676</b>	<b>0.08333</b>	<b>-0.6667</b>	<b>0.50499</b>											
CRCR08-Cultural Resources Specialist (Museum Technicians & Conservators)	7	\$23.34	\$21.95	\$24.05	0.691	0.2614	5	\$23.58	\$22.58	\$25.07	1.0935	0.489	-0.43	6.2705	0.6843	33.5	0.16268	0.87077							0.58333	0.30439	0.86227	0.14434	0.5774	0.5637											
CRCR09-Senior Cultural Resources Specialist (Museum Technicians & Conservators)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																													
CRCR10-Cultural Resources Supervisor (Curators)	8	\$28.61	\$16.00	\$33.66	5.447	1.926	11	\$29.16	\$15.77	\$32.31	4.5192	1.3626	-0.24	13.409	0.8171	74	-0.49543	0.62029							0.42105	0.19905	0.64306	0.11471	-0.6882	0.4913											

Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test					
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	t Value	DF	T_Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>
CRCR12-Cultural Resources Manager (Managers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
CRLI (Library)	8	\$25.23	\$22.60	\$30.61	2.9262	1.0346	4	\$26.33	\$22.58	\$30.84	4.3548	2.1774	-0.46	4.411	0.67	26	0	1				0.66667	0.39995	0.93338	0.14434	1.1547	0.24821
<b>CRLI08-Librarian (Librarians)</b>	<b>6</b>	<b>\$23.80</b>	<b>\$22.60</b>	<b>\$26.00</b>	<b>1.293</b>	<b>0.5278</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>															
CRLI09-Librarian Technical Analyst (Librarians)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
CRLI10-Senior Librarian (Librarians)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>CRPA (Parks)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>22</b>	<b>\$30.93</b>	<b>\$24.37</b>	<b>\$42.48</b>	<b>5.4232</b>	<b>1.15623</b>															
CRPA08-Parks Superintendent I (Protective Service Workers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	10	\$26.50	\$24.37	\$29.08	1.3863	0.4384															
CRPA09-Parks Superintendent II (Protective Service Workers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
CRPA10-Parks Superintendent III (Protective Service Workers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	6	\$34.04	\$31.55	\$38.10	3.064	0	0	0	0												
CRPA12-Parks Support Manager (Protective Service Workers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>CRPT (Parks)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>\$28.91</b>	<b>\$24.47</b>	<b>\$36.26</b>	<b>5.096</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>												
CRPT08-Parks Trails Coordinator (Protective Service Workers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
CRPT09-Parks Trails Reg Supervisor (Managers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
CRPT12-Parks Trails Manager (Managers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>CTBA (CT Business Applications)</b>	<b>15</b>	<b>\$32.37</b>	<b>\$24.81</b>	<b>\$38.16</b>	<b>3.3738</b>	<b>0.8711</b>	<b>40</b>	<b>\$32.10</b>	<b>\$22.50</b>	<b>\$42.48</b>	<b>3.6704</b>	<b>0.58035</b>	<b>0.27</b>	<b>27.258</b>	<b>0.7921</b>	<b>452</b>	<b>0.60475</b>	<b>0.54534</b>				<b>0.27273</b>	<b>0.15503</b>	<b>0.39043</b>	<b>0.06742</b>	<b>-3.371</b>	<b>0.00075</b>
CTBA07-Computer Technology Business Applications Specialist I (Software Developers, Applications)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
CTBA08-Computer Technology Business Applications Specialist II (Software Developers, Applications)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
CTBA09-Computer Technology Business Applications Analyst (Software Developers, Applications)	5	\$32.18	\$30.97	\$34.94	1.591	0.7116	13	\$30.84	\$26.53	\$33.29	1.9253	0.534	1.51	8.8389	0.1662	59	1.13359	0.25697				0.27778	0.07086	0.48469	0.11785	-1.8856	0.05935
CTBA10-Senior Computer Technology Business Applications Analyst (Software Developers, Applications)	8	\$34.03	\$30.28	\$38.16	2.61	0.9229	21	\$33.73	\$26.00	\$42.48	3.8085	0.8311	0.24	18.66	0.8124	126	0.29281	0.76967				0.27586	0.11319	0.43853	0.09285	-2.414	0.01578
<b>CTEM (Enterprise Management)</b>	<b>8</b>	<b>\$39.45</b>	<b>\$32.83</b>	<b>\$44.71</b>	<b>4.9285</b>	<b>1.7425</b>	<b>24</b>	<b>\$39.49</b>	<b>\$34.03</b>	<b>\$48.17</b>	<b>4.4411</b>	<b>0.90653</b>	<b>-0.02</b>	<b>11.056</b>	<b>0.9864</b>	<b>120.5</b>	<b>-0.50057</b>	<b>0.61668</b>				<b>0.25</b>	<b>0.09997</b>	<b>0.40003</b>	<b>0.08839</b>	<b>-2.8284</b>	<b>0.00468</b>
CTEM11-Technology Management II (Computer & Information Systems Managers)	5	\$36.48	\$32.83	\$42.40	3.614	1.6162	19	\$38.04	\$34.03	\$48.17	3.8178	0.8759	-0.85	6.5686	0.4265	47.5	-1.06646	0.28622				0.20833	0.04586	0.37081	0.10206	-2.8577	0.00427
CTEM14-Technology Management III (Computer & Information Systems Managers)	3	\$44.40	\$44.25	\$44.71	0.266	0.1538	5	\$44.99	\$44.48	\$45.24	0.2949	0.1319	-2.87	4.7396	0.0372	7	-1.94956	0.05123				0.375	0.03953	0.71047	0.17678	-0.7071	0.4795
<b>CTMG (CT Management)</b>	<b>7</b>	<b>\$40.44</b>	<b>\$28.39</b>	<b>\$55.03</b>	<b>9.0908</b>	<b>3.436</b>	<b>17</b>	<b>\$39.85</b>	<b>\$31.74</b>	<b>\$49.58</b>	<b>4.9354</b>	<b>1.19702</b>	<b>0.16</b>	<b>7.503</b>	<b>0.8757</b>	<b>86</b>	<b>-0.09527</b>	<b>0.9241</b>				<b>0.29167</b>	<b>0.10982</b>	<b>0.47351</b>	<b>0.10206</b>	<b>-2.0412</b>	<b>0.04123</b>
CTMG10-Computer Technology Supervisor (Computer User Support Specialists)	N/D	N/D	N/D	N/D	N/D	N/D	4	\$34.08	\$31.74	\$37.61	2.6835	1.3417															
CTMG11-Computer Technology Program Manager I (Computer User Support Specialists)	4	\$40.88	\$36.23	\$50.02	6.285	3.1423	7	\$39.17	\$35.46	\$43.72	3.1801	1.202	0.51	3.9004	0.6387	26	0.37796	0.70546				0.36364	0.07936	0.64791	0.15076	-0.9045	0.36571
CTMG12-Computer Technology Program Manager II (Computer User Support Specialists)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
CTMG14-Computer Technology Program Manager III (Computer & Information Systems Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>CTSD (Enterprise Software Development)</b>	<b>8</b>	<b>\$29.56</b>	<b>\$24.69</b>	<b>\$35.95</b>	<b>3.6442</b>	<b>1.2884</b>	<b>11</b>	<b>\$29.18</b>	<b>\$23.97</b>	<b>\$33.75</b>	<b>2.9445</b>	<b>0.88779</b>	<b>0.25</b>	<b>13.15</b>	<b>0.8086</b>	<b>80.5</b>	<b>0.0413</b>	<b>0.96705</b>				<b>0.42105</b>	<b>0.19905</b>	<b>0.64306</b>	<b>0.11471</b>	<b>-0.6882</b>	<b>0.4913</b>



**Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3**

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test					
	Hourly Wage						Hourly Wage						t Value	DF	T Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)															
CTSD08-Software Development II (Software Developers, Applications)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
CTSD09-Software Development III (Software Developers, Applications)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
CTSD10-Software Development IV (Software Developers, Applications)	5	\$31.28	\$26.60	\$35.95	3.422	1.5302	6	\$30.90	\$29.53	\$33.75	1.5305	0.6248	0.23	5.3265	0.8264	32	0.36515	0.715				0.45455	0.16029	0.7488	0.15076	-0.3015	0.76302
<b>CTSS (Enterprise Support Technology)</b>	<b>10</b>	<b>\$25.64</b>	<b>\$21.53</b>	<b>\$30.02</b>	<b>3.0687</b>	<b>0.9704</b>	<b>52</b>	<b>\$27.26</b>	<b>\$14.91</b>	<b>\$38.34</b>	<b>4.2895</b>	<b>0.59485</b>	<b>-1.42</b>	<b>16.62</b>	<b>0.1741</b>	<b>255</b>	<b>-1.14835</b>	<b>0.25082</b>				<b>0.16129</b>	<b>0.06974</b>	<b>0.25284</b>	<b>0.0635</b>	<b>-5.334</b>	<b>&lt;0.0001</b>
CTSS07-Support Technologist II (Computer User Support Specialists)	5	\$23.55	\$21.53	\$27.88	2.568	1.1484	12	\$21.93	\$14.91	\$27.44	2.8125	0.8119	1.15	8.2488	0.2816	56	1.1595	0.24625				0.29412	0.07752	0.51071	0.12127	-1.6977	0.08956
CTSS08-Support Technologist III (Computer User Support Specialists)	3	\$26.60	\$25.30	\$28.10	1.411	0.8146	25	\$27.29	\$24.69	\$32.28	2.1872	0.4374	-0.74	3.2971	0.5079	39	-0.3343	0.73816				0.10714	0	0.22171	0.09449	-4.1576	0.00003
CTSS09-Support Technologist IV (Computer User Support Specialists)	N/D	N/D	N/D	N/D	N/D	N/D	8	\$30.23	\$26.37	\$34.26	2.5345	0.8961															
CTSS10-Support Technologist V (Computer User Support Specialists)	N/D	N/D	N/D	N/D	N/D	N/D	7	\$32.91	\$29.71	\$38.34	3.0501	1.1528															
<b>CTST (Enterprise Systems Technology)</b>	<b>4</b>	<b>\$32.83</b>	<b>\$27.43</b>	<b>\$43.50</b>	<b>7.3482</b>	<b>3.6741</b>	<b>35</b>	<b>\$31.04</b>	<b>\$21.59</b>	<b>\$43.10</b>	<b>5.0916</b>	<b>0.86063</b>	<b>0.47</b>	<b>3.337</b>	<b>0.6643</b>	<b>90</b>	<b>0.46291</b>	<b>0.64343</b>				<b>0.10256</b>	<b>0.00735</b>	<b>0.19778</b>	<b>0.08006</b>	<b>-4.964</b>	<b>&lt;0.0001</b>
CTST07-Systems Technologist I (Computer Network Support Specialist)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
CTST08-Systems Technologist II (Computer Network Support Specialist)	N/D	N/D	N/D	N/D	N/D	N/D	8	\$26.24	\$24.69	\$28.55	1.1655	0.4121															
CTST09-Systems Technologist III (Computer Network Support Specialist)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
CTST10-Systems Technologist IV (Computer Network Support Specialist)	N/D	N/D	N/D	N/D	N/D	N/D	20	\$34.22	\$29.73	\$43.10	4.208	0.9409															
<b>CTSU (CT Support)</b>	<b>5</b>	<b>\$24.02</b>	<b>\$17.09</b>	<b>\$37.38</b>	<b>8.0779</b>	<b>3.6125</b>	<b>9</b>	<b>\$27.24</b>	<b>\$21.19</b>	<b>\$34.68</b>	<b>5.1069</b>	<b>1.70229</b>	<b>-0.81</b>	<b>5.83</b>	<b>0.4516</b>	<b>29</b>	<b>-1.13333</b>	<b>0.25707</b>				<b>0.35714</b>	<b>0.10615</b>	<b>0.60814</b>	<b>0.13363</b>	<b>-1.069</b>	<b>0.28505</b>
CTSU06-Computer Technology Support Technician (Computer User Support Specialists)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
CTSU07-Computer Technology Support Specialist I (Computer User Support Specialists)	N/D	N/D	N/D	N/D	N/D	N/D	5	\$24.79	\$21.19	\$31.49	4.3388	1.9404															
CTSU08-Computer Technology Support Specialist II (Computer User Support Specialists)	N/D	N/D	N/D	N/D	N/D	N/D	3	\$28.84	\$25.36	\$33.91	4.4914	2.5931															
CTSU09-Computer Technology Support Analyst (Computer User Support Specialists)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>CTSY (CT Systems &amp; Infrastructure)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>15</b>	<b>\$31.14</b>	<b>\$18.54</b>	<b>\$41.90</b>	<b>7.7155</b>	<b>1.99212</b>															
CTSY07-Computer Technology Systems & Infrastructure Specialist I (Network & Computer Systems Admini)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
CTSY08-Computer Technology Systems & Infrastructure Specialist II (Network & Computer Systems Admini)	0	\$0.00	\$0.00	\$0.00	0	0	6	\$25.40	\$21.59	\$30.82	4.14	0	0	0	0												
CTSY09-Computer Technology Systems & Infrastructure Analyst (Computer Systems Analysts)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
CTSY10-Senior Computer Technology Systems&Infrastructure Analyst (Computer Systems Analysts)	N/D	N/D	N/D	N/D	N/D	N/D	7	\$38.20	\$35.27	\$41.90	2.4834	0.9386															
<b>CTTA (Enterprise Technical Analysis)</b>	<b>5</b>	<b>\$28.03</b>	<b>\$25.09</b>	<b>\$30.14</b>	<b>2.1257</b>	<b>0.9506</b>	<b>5</b>	<b>\$28.26</b>	<b>\$24.69</b>	<b>\$33.46</b>	<b>3.4501</b>	<b>1.54291</b>	<b>-0.12</b>	<b>6.654</b>	<b>0.9044</b>	<b>29</b>	<b>0.31334</b>	<b>0.75402</b>				<b>0.5</b>	<b>0.1901</b>	<b>0.8099</b>	<b>0.15811</b>	<b>0</b>	<b>1</b>
CTTA08-Technical Analyst II (Computer User Support Specialists)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
CTTA09-Technical Analyst III (Computer User Support Specialists)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															

**Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3**

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test					
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	t Value	DF	T Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>
CTTA10-Technical Analyst IV (Computer Systems Analysts)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>EHAH (Human Resources)</b>	<b>14</b>	<b>\$35.68</b>	<b>\$29.24</b>	<b>\$42.00</b>	<b>4.0322</b>	<b>1.0777</b>	<b>6</b>	<b>\$35.49</b>	<b>\$28.85</b>	<b>\$45.12</b>	<b>5.5308</b>	<b>2.25795</b>	<b>0.08</b>	<b>7.39</b>	<b>0.942</b>	<b>55</b>	<b>-0.66008</b>	<b>0.5092</b>				<b>0.7</b>	<b>0.49916</b>	<b>0.90084</b>	<b>0.1118</b>	<b>1.7889</b>	<b>0.07364</b>
EHAH11-Human Resource Supervisor (Human Resources Managers)	8	\$33.37	\$29.24	\$37.17	3.443	1.2174	N/D	N/D	N/D	N/D	N/D	N/D															
EHAH12-Human Resource Manager I (Human Resources Managers)	3	\$36.71	\$36.00	\$37.35	0.676	0.3902	3	\$34.41	\$31.79	\$36.81	2.5133	1.4511	1.53	2.2877	0.2497	13	1.09109	0.27523				0.5	0.09992	0.90008	0.20412	0	1
EHAH13-Human Resource Manager II (Human Resources Managers)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	.	.	.				.	.	.	.	.	.
EHAH14-Human Resource Manager III (Human Resources Managers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>EHBH (Benefits Human Resources)</b>	<b>7</b>	<b>\$27.86</b>	<b>\$24.81</b>	<b>\$36.00</b>	<b>4.354</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	.	.	.				.	.	.	.	.	.
EHBH08-Senior Human Resource Benefits Specialist (Compensation, Benefits, & Job Ana)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
EHBH10-Employee Assistance Program Coordinator (Labor Relations Specialists)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
<b>EHCH (Central Human Resources)</b>	<b>6</b>	<b>\$36.37</b>	<b>\$29.88</b>	<b>\$46.05</b>	<b>6.296</b>	<b>2.5703</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>															
EHCH09-Human Resource Analyst (Compensation, Benefits, & Job Ana)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
EHCH10-Human Resource Consultant (Compensation, Benefits, & Job Ana)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
EHCH11-Senior Human Resource Consultant (Compensation, Benefits, & Job Ana)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
EHCH12-Human Resource Program Supervisor (Compensation, Benefits, & Job Ana)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
EHCH14-Human Resource Program Manager (Human Resources Managers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>EHEM (Employment)</b>	<b>58</b>	<b>\$22.04</b>	<b>\$15.45</b>	<b>\$32.41</b>	<b>3.5554</b>	<b>0.4669</b>	<b>28</b>	<b>\$22.01</b>	<b>\$15.65</b>	<b>\$42.08</b>	<b>5.4929</b>	<b>1.03806</b>	<b>0.03</b>	<b>38.285</b>	<b>0.9757</b>	<b>1101</b>	<b>-1.07956</b>	<b>0.28034</b>				<b>0.67442</b>	<b>0.57538</b>	<b>0.77345</b>	<b>0.05392</b>	<b>3.235</b>	<b>0.00122</b>
EHEM07-Employment Services Specialist (Human Resources Specialists)	52	\$21.05	\$15.45	\$26.50	2.082	0.2887	24	\$20.14	\$15.65	\$24.94	2.2754	0.4645	1.67	41.416	0.1019	773.5	-1.68469	0.09205				0.68421	0.57971	0.78872	0.05735	3.2118	0.00132
EHEM09-Employment Services Supervisor (Human Resources Specialists)	6	\$30.61	\$28.85	\$32.41	1.275	0.5204	N/D	N/D	N/D	N/D	N/D	N/D															
EHEM12-Employment Services Manager (Human Resources Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>EHGH (General Human Resources)</b>	<b>37</b>	<b>\$24.22</b>	<b>\$14.92</b>	<b>\$48.34</b>	<b>5.0953</b>	<b>0.8377</b>	<b>6</b>	<b>\$23.24</b>	<b>\$21.54</b>	<b>\$25.30</b>	<b>1.3813</b>	<b>0.56391</b>	<b>0.97</b>	<b>30.67</b>	<b>0.339</b>	<b>125</b>	<b>-0.24535</b>	<b>0.80619</b>				<b>0.86047</b>	<b>0.7569</b>	<b>0.96403</b>	<b>0.07625</b>	<b>4.7275</b>	<b>&lt;0.0001</b>
EHGH06-Human Resource Associate I (Human Resources Assistants, Except Payroll & Timekeeping)	3	\$22.38	\$21.57	\$23.23	0.832	0	N/D	N/D	N/D	N/D	N/D	N/D															
EHGH07-Human Resource Associate II (Human Resources Assistants, Except Payroll & Timekeeping)	12	\$21.75	\$19.16	\$27.05	2.065	0.5961	N/D	N/D	N/D	N/D	N/D	N/D															
EHGH08-Senior Human Resource Associate (Human Resources Assistants, Except Payroll & Timekeeping)	13	\$23.81	\$14.92	\$28.36	3.287	0.9118	4	\$23.93	\$22.64	\$25.30	1.0958	0.5479	-0.12	14.611	0.9099	34	-0.22646	0.82085				0.76471	0.56307	0.96635	0.12127	2.1828	0.02905
EHGH09-Human Resource Coordinator (Human Resources Specialists)	9	\$28.74	\$22.60	\$48.34	7.805	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	.	.	.				.	.	.	.	.	.
<b>EHLS (Labor Standards)</b>	<b>8</b>	<b>\$30.74</b>	<b>\$23.00</b>	<b>\$46.77</b>	<b>7.8756</b>	<b>2.7844</b>	<b>5</b>	<b>\$27.83</b>	<b>\$25.33</b>	<b>\$32.49</b>	<b>3.4597</b>	<b>1.54723</b>	<b>0.91</b>	<b>10.276</b>	<b>0.3828</b>	<b>30</b>	<b>-0.73598</b>	<b>0.46174</b>				<b>0.61538</b>	<b>0.35092</b>	<b>0.87985</b>	<b>0.13868</b>	<b>0.8321</b>	<b>0.40538</b>
EHLS09-Labor Standards Analyst (Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation)	5	\$25.84	\$23.00	\$28.11	1.968	0.8802	N/D	N/D	N/D	N/D	N/D	N/D															

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Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test					
	Hourly Wage						Hourly Wage						t Value	DF	T_Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)															
EHLS10-Senior Labor Standards Analyst (Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
EHLS12-Civil Rights Supervisor (Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
EHLS13-Labor Standards Manager (Managers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
<b>ENAG (Agricultural Program Coordination)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>10</b>	<b>\$31.10</b>	<b>\$20.08</b>	<b>\$40.71</b>	<b>6.8879</b>	<b>2.17816</b>															
ENAG07-Corrections Agriculture Program Supervisor (Training & Development Specialist)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
ENAG08-Agriculture Program Farm Manager (Training & Development Specialist)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
ENAG10-Agriculture Program Coordinator (Training & Development Specialist)	N/D	N/D	N/D	N/D	N/D	N/D	4	\$30.36	\$27.66	\$31.87	1.9466	0.9733															
ENAG11-Agriculture Program Assistant Manager (Managers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
ENAG12-Agriculture Program Manager (Farmers, Ranchers, & Other Agricu)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>ENAR (Architect)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>															
ENAR13-Architectural Project Manager (Engineering Managers)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
<b>M ENEG (Engineer)*</b>	<b>38</b>	<b>\$32.64</b>	<b>\$22.42</b>	<b>\$46.33</b>	<b>5.3829</b>	<b>0.8732</b>	<b>216</b>	<b>\$37.87</b>	<b>\$20.91</b>	<b>\$65.40</b>	<b>7.9811</b>	<b>0.54304</b>	<b>-5.09</b>	<b>69.367</b>	<b>.</b>	<b>3083.5</b>	<b>-4.21782</b>	<b>0.00002</b>	<b>\$5.23</b>	<b>\$0.86</b>	<b>\$10,879</b>	<b>0.14961</b>	<b>0.10574</b>	<b>0.19347</b>	<b>0.03137</b>	<b>-11.1687</b>	<b>&lt;0.0001</b>
ENEG08-Engineer I (Civil Engineers)	5	\$25.01	\$22.42	\$28.52	2.79	1.2478	16	\$24.34	\$20.91	\$30.93	3.3071	0.8268	0.44	7.8781	0.6685	64	0.74315	0.45739				0.2381	0.05593	0.42026	0.10911	-2.4004	0.01638
ENEG09-Engineer II (Civil Engineers)	9	\$29.90	\$24.50	\$35.37	3.85	1.2832	41	\$33.77	\$21.58	\$63.85	7.9278	1.2381	-2.17	25.423	0.0396	173.5	-1.41413	0.15732				0.18	0.07351	0.28649	0.07071	-4.5255	0.00001
M ENEG10-Project Engineer (Civil Engineers)*	13	\$32.29	\$29.91	\$34.68	1.484	0.4115	47	\$37.21	\$30.28	\$65.40	8.1302	1.1859	-3.92	54.704	0.0002	267	-2.3237	0.02014	\$4.92	\$0.87	\$10,239	0.21667	0.11242	0.32091	0.06455	-4.3894	0.00001
ENEG12-Principal Engineer (Civil Engineers)	8	\$37.03	\$35.60	\$38.84	1.054	0.3726	64	\$38.27	\$35.37	\$46.36	2.2902	0.2863	-2.65	17.044	0.0168	205	-1.55925	0.11894				0.11111	0.03852	0.1837	0.05893	-6.5997	<0.0001
ENEG13-Staff Engineer (Engineers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	13	\$41.29	\$39.28	\$43.89	1.3173	0.3654															
ENEG14-Engineering Manager I (Engineering Managers)	N/D	N/D	N/D	N/D	N/D	N/D	22	\$45.48	\$44.01	\$48.11	1.0719	0.2285															
ENEG15-Engineering Manager II (Engineering Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
ENEG16-Assistant Chief Engineer - Transportation (Engineering Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>ENFC (Correctional Forestry Management)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>\$34.87</b>	<b>\$26.84</b>	<b>\$41.14</b>	<b>5.132</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>.</b>	<b>.</b>	<b>.</b>									
ENFC07-Correctional Forestry Crew Supervisor (Forest & Conservation Technicians)	0	\$0.00	\$0.00	\$0.00	0	0	6	\$33.82	\$26.84	\$41.04	5.26	0	0	0	0	.	.	.									
ENFC08-Correctional Forestry Site Supervisor (Forest & Conservation Technicians)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
ENFC10-Correctional Forestry Program Supervisor (Forest & Conservation Technicians)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>ENFD (District Forestry Management)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>10</b>	<b>\$43.45</b>	<b>\$31.60</b>	<b>\$65.10</b>	<b>11.3043</b>	<b>3.57474</b>															
ENFD08-Assistant District Forester (Foresters)	0	\$0.00	\$0.00	\$0.00	0	0	6	\$41.69	\$36.47	\$51.87	6.697	0	0	0	0	.	.	.									
ENFD09-District Forester (Foresters)	N/D	N/D	N/D	N/D	N/D	N/D	4	\$46.08	\$31.60	\$65.10	17.1228	8.5614															
<b>ENFM (Forestry Program Management)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>9</b>	<b>\$40.00</b>	<b>\$31.01</b>	<b>\$47.49</b>	<b>6.5609</b>	<b>2.18696</b>															

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Classification Family Code (Bold), Detailed Classification Code, and SOC <sup>c</sup> Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test							
	Hourly Wage						Hourly Wage						t Value	DF	T_Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Propor- tion	Lower Con- fidence Int.	Upper Con- fidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>		
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																	
ENFM08-Forestry Specialist (Foresters)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
ENFM09-Forestry Program Analyst (Foresters)	0	\$0.00	\$0.00	\$0.00	0	0	5	\$38.28	\$31.01	\$47.49	8.217	0	0	0	0	0	0												
ENFM12-Forestry Program Manager (Foresters)	0	\$0.00	\$0.00	\$0.00	0	0	3	\$40.70	\$37.40	\$42.56	2.862	0	0	0	0	0	0												
<b>ENGE (Geologist Specialists)</b>	<b>9</b>	<b>\$33.53</b>	<b>\$28.27</b>	<b>\$42.95</b>	<b>4.515</b>	<b>1.505</b>	<b>30</b>	<b>\$33.53</b>	<b>\$20.20</b>	<b>\$50.48</b>	<b>6.7348</b>	<b>1.2296</b>	<b>0</b>	<b>19.809</b>	<b>0.9994</b>	<b>177</b>	<b>-0.1</b>	<b>0.92034</b>					<b>0.23077</b>	<b>0.09854</b>	<b>0.363</b>	<b>0.08006</b>	<b>-3.3627</b>	<b>0.00077</b>	
ENGE08-Geologist I (Geoscientists, Except Hydrologists & Geographers)	0	\$0.00	\$0.00	\$0.00	0	0	3	\$22.00	\$20.20	\$24.81	2.464	0	0	0	0	0	0												
ENGE09-Geologist II (Geoscientists, Except Hydrologists & Geographers)	N/D	N/D	N/D	N/D	N/D	N/D	3	\$26.93	\$25.90	\$27.55	0.8957	0.5171																	
ENGE10-Project Geologist (Geoscientists, Except Hydrologists & Geographers)	5	\$31.39	\$28.27	\$32.58	1.77	0.7917	11	\$31.61	\$28.04	\$33.75	1.7157	0.5173	-0.23	7.5913	0.8238	41	-0.16993	0.86506				0.3125	0.08538	0.53962	0.125	-1.5	0.13361		
ENGE11-Senior Project Geologist (Geoscientists, Except Hydrologists & Geographers)	N/D	N/D	N/D	N/D	N/D	N/D	3	\$33.98	\$33.19	\$35.12	1.0143	0.5856																	
ENGE12-Geology Supervisor (Geoscientists, Except Hydrologists & Geographers)	N/D	N/D	N/D	N/D	N/D	N/D	6	\$38.71	\$37.70	\$40.07	0.9744	0.3978																	
ENGE13-Geology Manager I (Geoscientists, Except Hydrologists & Geographers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
ENGE14-Geology Manager II (Geoscientists, Except Hydrologists & Geographers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
ENGE15-Geology Program Manager (Natural Sciences Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>ENGS (GIS)</b>	<b>4</b>	<b>\$22.64</b>	<b>\$20.11</b>	<b>\$25.54</b>	<b>2.3959</b>	<b>1.1979</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>																	
ENGS07-Geospatial Technology Analyst (Cartographers & Photogrammetrists)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																	
ENGS08-Geospatial Technical Principal (Cartographers & Photogrammetrists)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>ENLA (Landscape Architect)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>																	
ENLA08-Landscape Designer (Landscape Architects)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
ENLA12-Principal Landscape Architect (Landscape Architects)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																	
<b>ENNR (Natural Resources)</b>	<b>66</b>	<b>\$31.80</b>	<b>\$19.73</b>	<b>\$52.84</b>	<b>7.0743</b>	<b>0.8708</b>	<b>189</b>	<b>\$31.57</b>	<b>\$18.30</b>	<b>\$47.33</b>	<b>6.5535</b>	<b>0.47669</b>	<b>0.23</b>	<b>106.49</b>	<b>0.8159</b>	<b>8412.5</b>	<b>-0.06882</b>	<b>0.94513</b>				<b>0.25882</b>	<b>0.20507</b>	<b>0.31258</b>	<b>0.03131</b>	<b>-7.7026</b>	<b>&lt;0.0001</b>		
ENNR06-Natural Resources Technician (Environmental Science & Protection Technicians, Including Health)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
W ENNR08-Natural Resources Specialist (Environmental Scientists & Specialists, Including Health)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
ENNR09-Natural Resources Analyst (Environmental Scientists & Specialists, Including Health)	23	\$27.23	\$23.65	\$33.31	2.48	0.517	75	\$27.03	\$19.85	\$35.65	3.0112	0.3477	0.33	43.737	0.7422	1133	-0.04612	0.96322				0.23469	0.15079	0.3186	0.05051	-5.2528	<0.0001		
ENNR10-Natural Resources Program Principal (Environmental Scientists & Specialists, Including Health)	20	\$33.67	\$28.85	\$45.57	3.935	0.8799	63	\$33.55	\$28.85	\$40.98	3.0967	0.3901	0.12	26.887	0.9015	815.5	-0.2609	0.79417				0.24096	0.14896	0.33297	0.05488	-4.7199	<0.0001		
ENNR11-Natural Resources Program Supervisor (Environmental Scientists & Specialists, Including Health)	8	\$38.71	\$35.64	\$41.78	1.677	0.593	19	\$37.49	\$34.22	\$45.11	2.8784	0.6604	1.37	21.981	0.1842	138	1.3808	0.16734				0.2963	0.12406	0.46853	0.09623	-2.117	0.03426		
ENNR13-Natural Resources Program Manager (Natural Sciences Managers)	6	\$45.79	\$42.62	\$52.84	3.918	1.5996	18	\$44.19	\$37.50	\$47.33	2.6218	0.618	0.93	6.5608	0.3848	80.5	0.36707	0.71357				0.25	0.07676	0.42324	0.10206	-2.4495	0.01431		
<b>ETCT (Certified Teacher)</b>	<b>24</b>	<b>\$25.46</b>	<b>\$15.06</b>	<b>\$37.45</b>	<b>4.9867</b>	<b>1.0179</b>	<b>15</b>	<b>\$27.78</b>	<b>\$24.05</b>	<b>\$39.40</b>	<b>3.9371</b>	<b>1.01656</b>	<b>-1.61</b>	<b>34.833</b>	<b>0.1154</b>	<b>342.5</b>	<b>1.23049</b>	<b>0.21852</b>				<b>0.61538</b>	<b>0.4627</b>	<b>0.76807</b>	<b>0.08006</b>	<b>1.4412</b>	<b>0.14954</b>		
ETCT05-Teacher Aide (Teacher Assistants)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	

**Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3**

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test					
	Hourly Wage						Hourly Wage						t Value	DF	T Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Propor- tion	Lower Con- fidence Int.	Upper Con- fidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)															
ETCT09-Certified Teacher (Teachers & Instructors, All Other)	16	\$26.07	\$24.05	\$29.62	1.935	0.4836	11	\$26.32	\$24.05	\$28.77	1.9696	0.5938	-0.33	21.391	0.7428	161.5	0.37336	0.70888				0.59259	0.40726	0.77793	0.09623	0.9623	0.33592
ETCT10-Certified Academic Manager I (Education Administrators, All Other)	3	\$29.83	\$29.57	\$30.36	0.455	0.2628	3	\$29.26	\$26.36	\$31.26	2.5682	1.4828	0.38	2.1255	0.7369	11	0.2214	0.82478				0.5	0.09992	0.90008	0.20412	0	1
ETCT11-Certified Teacher - Agriculture (Teachers & Instructors, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>ETEP (Education Programs)</b>	<b>38</b>	<b>\$32.91</b>	<b>\$23.70</b>	<b>\$40.15</b>	<b>3.8638</b>	<b>0.6268</b>	<b>13</b>	<b>\$31.72</b>	<b>\$28.85</b>	<b>\$37.79</b>	<b>2.8384</b>	<b>0.78722</b>	<b>1.19</b>	<b>28.343</b>	<b>0.2442</b>	<b>290</b>	<b>-1.03766</b>	<b>0.29943</b>				<b>0.7451</b>	<b>0.62549</b>	<b>0.8647</b>	<b>0.07001</b>	<b>3.5007</b>	<b>0.00046</b>
ETEP08-Education Program Specialist (Instructional Coordinators)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
ETEP09-Education Program Analyst (Instructional Coordinators)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
ETEP10-Education Program Consultant (Instructional Coordinators)	25	\$31.52	\$28.22	\$39.07	2.319	0.4637	11	\$30.77	\$28.85	\$34.91	1.7522	0.5283	1.07	25.13	0.2957	178	-0.87617	0.38094				0.69444	0.54397	0.84492	0.08333	2.3333	0.01963
ETEP11-Education Program Manager I (Education Administrators, All Other)	9	\$37.25	\$34.62	\$40.15	2.226	0.742	N/D	N/D	N/D	N/D	N/D	N/D															
ETEP12-Education Program Manager II (Education Administrators, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
<b>ETIN (Instructor)</b>	<b>12</b>	<b>\$26.55</b>	<b>\$19.42</b>	<b>\$40.01</b>	<b>5.8786</b>	<b>1.697</b>	<b>15</b>	<b>\$29.93</b>	<b>\$22.10</b>	<b>\$40.64</b>	<b>5.8318</b>	<b>1.50576</b>	<b>-1.49</b>	<b>23.631</b>	<b>0.1494</b>	<b>130</b>	<b>-1.85421</b>	<b>0.06371</b>				<b>0.44444</b>	<b>0.25701</b>	<b>0.63187</b>	<b>0.09623</b>	<b>-0.5774</b>	<b>0.5637</b>
ETIN07-Instructor I (Training & Development Specialist)	4	\$26.20	\$19.42	\$35.91	7.03	3.5148	N/D	N/D	N/D	N/D	N/D	N/D															
ETIN08-Instructor II (Training & Development Specialist)	6	\$25.00	\$21.96	\$29.11	2.381	0.9722	10	\$28.33	\$22.58	\$37.87	4.257	1.3462	-2.01	13.987	0.0645	34	-1.84391	0.0652				0.375	0.13778	0.61222	0.125	-1	0.31731
ETIN09-Training Coordinator (Instructional Coordinators)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
ETIN10-Training Supervisor (Instructional Coordinators)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
ETIN11-Fire Training Program Manager (Education Administrators, Preschool & Child Care Center/ Program)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
ETIN12-Law Enforcement Training Manager (Education Administrators, Preschool & Child Care Center/ Program)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>ETVT (Vocational Training)</b>	<b>13</b>	<b>\$23.18</b>	<b>\$12.30</b>	<b>\$33.30</b>	<b>5.7026</b>	<b>1.5816</b>	<b>11</b>	<b>\$25.38</b>	<b>\$20.10</b>	<b>\$32.39</b>	<b>3.5804</b>	<b>1.07953</b>	<b>-1.15</b>	<b>20.457</b>	<b>0.2653</b>	<b>155</b>	<b>1.01389</b>	<b>0.31064</b>				<b>0.54167</b>	<b>0.34232</b>	<b>0.74101</b>	<b>0.10206</b>	<b>0.4082</b>	<b>0.68309</b>
ETVT04-Vocational Training Technician (Training & Development Specialist)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
ETVT07-Vocational Trainer (Training & Development Specialist)	4	\$20.81	\$19.54	\$22.67	1.38	0.6901	5	\$25.82	\$20.10	\$32.39	4.4511	1.9906	-2.38	4.9246	0.0639	12	-1.95959	0.05004				0.44444	0.11981	0.76908	0.16667	-0.3333	0.73888
ETVT08-Senior Vocational Trainer (Training & Development Specialist)	6	\$26.31	\$20.86	\$33.30	4.753	1.9403	5	\$24.38	\$20.57	\$28.79	2.9784	1.332	0.82	8.4712	0.4342	26	-0.7303	0.46521				0.54545	0.2512	0.83971	0.15076	0.3015	0.76302
ETVT10-Vocational Training Supervisor (Training & Development Specialist)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>EXMT (Executive Management)</b>	<b>69</b>	<b>\$54.44</b>	<b>\$35.10</b>	<b>\$111.69</b>	<b>11.0547</b>	<b>1.3308</b>	<b>140</b>	<b>\$56.01</b>	<b>\$14.99</b>	<b>\$120.42</b>	<b>14.3635</b>	<b>1.21394</b>	<b>-0.87</b>	<b>170.49</b>	<b>0.3853</b>	<b>6902</b>	<b>-0.83424</b>	<b>0.40415</b>				<b>0.33014</b>	<b>0.26639</b>	<b>0.3939</b>	<b>0.03459</b>	<b>-4.9112</b>	<b>&lt;0.0001</b>
EXMT01-Executive Management 1 (Managers, All Other)	11	\$44.22	\$35.10	\$51.29	3.783	1.1406	26	\$44.86	\$14.99	\$73.07	8.9363	1.7526	-0.3	34.976	0.7622	211	0.0665	0.94698				0.2973	0.15002	0.44457	0.0822	-2.466	0.01366
EXMT02-Executive Management 2 (Managers, All Other)	20	\$50.19	\$42.23	\$59.59	3.985	0.891	40	\$50.91	\$15.69	\$75.23	8.2572	1.3056	-0.46	57.975	0.6492	577	-0.5175	0.60481				0.33333	0.21405	0.45261	0.06455	-2.582	0.00982
EXMT03-Executive Management 3 (Managers, All Other)	23	\$56.09	\$39.66	\$79.33	8.613	1.7959	35	\$58.66	\$22.12	\$120.42	16.954	2.8657	-0.76	53.255	0.4507	663	-0.24638	0.80539				0.39655	0.27066	0.52245	0.06565	-1.5757	0.1151
EXMT04-Executive Management 4 (Managers, All Other)	8	\$59.93	\$54.31	\$64.22	2.828	1	16	\$59.57	\$52.71	\$73.73	5.814	1.4535	0.2	21.999	0.8414	104	0.24516	0.80633				0.33333	0.14474	0.52193	0.10206	-1.633	0.10247
EXMT05-Executive Management 5 (Managers, All Other)	4	\$59.41	\$56.92	\$63.08	2.607	1.3037	8	\$60.46	\$56.96	\$69.23	3.7946	1.3416	-0.56	8.5899	0.5917	21	-0.84921	0.39577				0.33333	0.06662	0.60005	0.14434	-1.1547	0.24821
EXMT06-Executive Management 6 (Managers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	6	\$73.20	\$63.70	\$111.54	18.8776	7.7068															

Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test						
	Hourly Wage						Hourly Wage						t Value	DF	T Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Propor- tion	Lower Con- fidence Int.	Upper Con- fidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>	
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																
EXMT07-Executive Management 7 (Managers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	5	\$74.09	\$71.92	\$75.89	1.789	0	0	0	.	.	.	.	.	.	.	.	.	.	.	.	.	
EXMT08-Executive Management 8 (Managers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	4	\$84.64	\$75.00	\$97.80	9.6303	4.8151																
EXOF (Executive Officer)	9	\$35.24	\$10.93	\$45.19	9.836	3.2787	6	\$37.99	\$33.65	\$47.79	5.314	2.16943	-0.7	12.657	0.4962	46.5	-0.17693	0.85956				0.6	0.35208	0.84792	0.1291	0.7746	0.43858	
EXOF01-Executive Officer 1 (Business Operations Specialists, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
EXOF03-Executive Officer 3 (Business Operations Specialists, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
EXOF04-Executive Officer 4 (Business Operations Specialists, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																
EXOF05-Executive Officer 5 (Business Operations Specialists, All Other)	7	\$38.59	\$31.55	\$45.19	4.153	1.5697	5	\$38.22	\$33.65	\$47.79	5.9095	2.6428	0.12	6.7594	0.906	30	-0.406	0.68474				0.58333	0.30439	0.86227	0.14434	0.5774	0.5637	
<b>M FIAC (Accounting)*</b>	<b>279</b>	<b>\$24.94</b>	<b>\$10.44</b>	<b>\$47.75</b>	<b>6.3816</b>	<b>0.3821</b>	<b>43</b>	<b>\$28.75</b>	<b>\$17.19</b>	<b>\$51.20</b>	<b>7.597</b>	<b>1.15853</b>	<b>-3.12</b>	<b>51.54</b>	<b>0.0029</b>	<b>8662.5</b>	<b>3.0233</b>	<b>0.0025</b>	<b>\$3.81</b>	<b>\$0.87</b>	<b>\$7,923</b>	<b>0.86646</b>	<b>0.82931</b>	<b>0.90361</b>	<b>0.02786</b>	<b>13.1518</b>	<b>&lt;0.0001</b>	
FIAC04-Accounting Clerk (Bookkeeping, Accounting, & Auditing Clerks)	18	\$15.42	\$12.53	\$17.47	1.614	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0													
FIAC06-Accounting Technician (Bookkeeping, Accounting, & Auditing Clerks)	18	\$17.99	\$15.75	\$20.30	1.495	0.3523	N/D	N/D	N/D	N/D	N/D	N/D																
FIAC07-Accountant (Accountants & Auditors)	91	\$21.64	\$14.58	\$26.28	1.635	0.1714	10	\$21.54	\$20.47	\$22.40	0.6783	0.2145	0.36	23.221	0.7199	470.5	-0.44921	0.65328				0.90099	0.84274	0.95924	0.04975	8.0598	<0.0001	
FIAC08-Senior Accountant (Accountants & Auditors)	45	\$23.72	\$20.66	\$27.09	1.126	0.1678	N/D	N/D	N/D	N/D	N/D	N/D																
FIAC09-Accounting Analyst (Accountants & Auditors)	36	\$25.94	\$10.44	\$39.72	3.931	0.6551	9	\$26.19	\$23.84	\$29.81	2.0309	0.677	-0.26	24.989	0.7976	219	0.34092	0.73317				0.8	0.68313	0.91687	0.07454	4.0249	0.00006	
W FIAC10-Senior Accounting Analyst (Accountants & Auditors)*	38	\$30.75	\$25.41	\$34.24	1.949	0.3162	7	\$29.31	\$27.40	\$31.47	1.3499	0.5102	2.39	11.226	0.0354	91.5	-2.17699	0.02948	-\$1.44	\$1.05	-\$2,985	0.84444	0.73855	0.95034	0.07454	4.6212	<0.0001	
FIAC11-Principal Accountant (Accountants & Auditors)	15	\$34.69	\$23.38	\$40.25	3.577	0.9235	6	\$35.18	\$32.32	\$37.22	1.7943	0.7325	-0.41	17.624	0.6833	70	0.3118	0.75519				0.71429	0.52107	0.9075	0.10911	1.964	0.04953	
FIAC12-Accounting Manager I (Financial Managers)	14	\$37.99	\$31.73	\$47.75	3.742	1	4	\$38.23	\$34.65	\$41.93	3.3606	1.6803	-0.12	5.3466	0.9064	39	0.1062	0.91542				0.77778	0.58572	0.96984	0.11785	2.357	0.01842	
FIAC13-Accounting Manager II (Financial Managers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
FIAC14-Accounting Manager III (Financial Managers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
<b>FIAP (Appraiser)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>5</b>	<b>\$27.11</b>	<b>\$23.82</b>	<b>\$33.64</b>	<b>4.024</b>	<b>1.79957</b>																
FIAP09-Revenue Appraiser (Appraisers & Assessors of Real Estate)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
FIAP10-Revenue Appraiser Supervisor (Appraisers & Assessors of Real Estate)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																
<b>FIAU (Auditing)</b>	<b>63</b>	<b>\$28.52</b>	<b>\$12.23</b>	<b>\$47.87</b>	<b>6.3758</b>	<b>0.8033</b>	<b>57</b>	<b>\$29.18</b>	<b>\$20.19</b>	<b>\$44.23</b>	<b>6.0655</b>	<b>0.8034</b>	<b>-0.58</b>	<b>117.69</b>	<b>0.5616</b>	<b>3509</b>	<b>0.31806</b>	<b>0.75044</b>				<b>0.525</b>	<b>0.43565</b>	<b>0.61435</b>	<b>0.04564</b>	<b>0.5477</b>	<b>0.58388</b>	
FIAU07-Auditor I (Accountants & Auditors)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
FIAU08-Auditor II (Accountants & Auditors)	10	\$20.76	\$12.23	\$23.55	3.589	1.1348	11	\$22.55	\$22.00	\$25.07	1.0279	0.3099	-1.53	10.341	0.1571	103	-0.51351	0.60759				0.47619	0.26258	0.6898	0.10911	-0.2182	0.82726	
FIAU09-Senior Auditor (Accountants & Auditors)	24	\$25.26	\$21.59	\$28.21	1.973	0.4027	15	\$26.10	\$24.24	\$30.04	1.7045	0.4401	-1.4	33.126	0.1706	322.5	0.6511	0.51498				0.61538	0.4627	0.76807	0.08006	1.4412	0.14954	
FIAU10-Principal Auditor (Accountants & Auditors)	16	\$31.22	\$28.95	\$34.52	1.816	0.4539	22	\$30.61	\$28.31	\$34.93	1.7259	0.368	1.04	31.481	0.3075	349	1.09621	0.27299				0.42105	0.26407	0.57803	0.08111	-0.9733	0.33039	
FIAU11-Supervising Auditor (Accountants & Auditors)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
FIAU12-Auditing Manager I (Financial Managers)	5	\$39.48	\$36.29	\$41.37	2.087	0.9332	8	\$41.26	\$37.36	\$44.23	1.9649	0.6947	-1.54	8.2196	0.162	23.5	-1.68574	0.09184				0.38462	0.12015	0.64908	0.13868	-0.8321	0.40538	
<b>M FIBD (Budget)*</b>	<b>16</b>	<b>\$29.71</b>	<b>\$16.98</b>	<b>\$45.48</b>	<b>6.9574</b>	<b>1.7394</b>	<b>6</b>	<b>\$41.07</b>	<b>\$33.17</b>	<b>\$54.23</b>	<b>7.4953</b>	<b>3.05995</b>	<b>-3.23</b>	<b>8.459</b>	<b>0.0112</b>	<b>108</b>	<b>2.87593</b>	<b>0.00403</b>	<b>\$11.36</b>	<b>\$0.72</b>	<b>\$23,625</b>	<b>0.72727</b>	<b>0.54117</b>	<b>0.91337</b>	<b>0.1066</b>	<b>2.132</b>	<b>0.03301</b>	
FIBD08-Budget Specialist I (Budget Analysts)	5	\$25.50	\$23.08	\$31.77	3.61	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0													

**Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3**

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test									
	Hourly Wage						Hourly Wage						t Value	DF	T Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Propor- tion	Lower Con- fidence Int.	Upper Con- fidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>				
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																			
FIBD09-Budget Specialist II (Budget Analysts)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																			
FIBD10-Budget Analyst (Budget Analysts)	3	\$31.08	\$29.78	\$31.90	1.14	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	0															
FIBD11-Senior Budget Analyst (Budget Analysts)	4	\$35.28	\$33.85	\$36.69	1.547	0.7734	4	\$36.80	\$33.17	\$39.02	2.568	1.284	-1.02	4.9236	0.3571	14	-1.1547	0.24821				0.5	0.15352	0.84648	0.17678	0	1				
FIBD14-Budget Manager (Financial Managers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																			
<b>FIEC (Economist)</b>	<b>11</b>	<b>\$31.03</b>	<b>\$23.86</b>	<b>\$40.10</b>	<b>5.2153</b>	<b>1.5725</b>	<b>8</b>	<b>\$32.20</b>	<b>\$22.96</b>	<b>\$43.96</b>	<b>6.8588</b>	<b>2.42497</b>	<b>-0.4</b>	<b>12.569</b>	<b>0.6943</b>	<b>81.5</b>	<b>0.12391</b>	<b>0.90138</b>				<b>0.57895</b>	<b>0.35694</b>	<b>0.80095</b>	<b>0.11471</b>	<b>0.6882</b>	<b>0.4913</b>				
FIEC09-Economic Analyst (Economists)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																			
FIEC10-Senior Economic Analyst (Economists)	7	\$29.08	\$26.00	\$31.38	2.023	0.7648	4	\$29.32	\$26.00	\$31.11	2.28	1.14	-0.17	5.7277	0.8677	23.5	-0.09471	0.92455				0.63636	0.35209	0.92064	0.15076	0.9045	0.36571				
FIEC11-Principal Economist (Economists)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																			
FIEC12-Chief Economist (Economists)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0																
FIEC13-Economic Research & Planning Manager (General & Operations Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																			
FIEX (Financial Examination)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																			
FIEX10-Financial Examiner (Financial Examiners)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																			
FIEX12-Chief Financial Examiner (Financial Examiners)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																			
<b>M FIIE (Investment Education)</b>	<b>9</b>	<b>\$23.71</b>	<b>\$21.48</b>	<b>\$27.84</b>	<b>2.3153</b>	<b>0.7718</b>	<b>3</b>	<b>\$28.30</b>	<b>\$27.39</b>	<b>\$29.91</b>	<b>1.3952</b>	<b>0.80552</b>	<b>-4.12</b>	<b>6.077</b>	<b>0.0061</b>	<b>31</b>	<b>2.12635</b>	<b>0.03347</b>	<b>\$4.60</b>	<b>\$0.84</b>	<b>\$9,558</b>	<b>0.75</b>	<b>0.505</b>	<b>0.995</b>	<b>0.14434</b>	<b>1.7321</b>	<b>0.08326</b>				
FIIE07-Investment Educator (Personal Financial Advisors)	6	\$22.40	\$21.48	\$24.05	0.965	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0																
FIIE08-Senior Investment Educator (Personal Financial Advisors)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																			
FIIE09-Investment Educator Analyst (Compensation, Benefits, & Job Ana)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																			
<b>M FIIN (Investments)</b>	<b>5</b>	<b>\$27.15</b>	<b>\$23.31</b>	<b>\$31.47</b>	<b>3.5914</b>	<b>1.6061</b>	<b>4</b>	<b>\$32.58</b>	<b>\$30.80</b>	<b>\$33.65</b>	<b>1.3679</b>	<b>0.68396</b>	<b>-3.11</b>	<b>5.348</b>	<b>0.0243</b>	<b>29</b>	<b>2.20454</b>	<b>0.02749</b>	<b>\$5.43</b>	<b>\$0.83</b>	<b>\$11,290</b>	<b>0.55556</b>	<b>0.23092</b>	<b>0.88019</b>	<b>0.16667</b>	<b>0.3333</b>	<b>0.73888</b>				
FIIN08-Investment Specialist (Financial Analysts)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																			
FIIN09-Senior Investment Specialist (Financial Analysts)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																			
FIIN10-Investment Officer (Financial Analysts)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																			
FIIN11-Senior Investment Officer (Financial Analysts)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																			
<b>FIPU (Purchasing)</b>	<b>24</b>	<b>\$26.37</b>	<b>\$20.56</b>	<b>\$41.01</b>	<b>4.652</b>	<b>0.9496</b>	<b>9</b>	<b>\$26.97</b>	<b>\$14.15</b>	<b>\$40.03</b>	<b>7.3784</b>	<b>2.45947</b>	<b>-0.23</b>	<b>10.482</b>	<b>0.8255</b>	<b>159.5</b>	<b>0.26286</b>	<b>0.79266</b>				<b>0.72727</b>	<b>0.57532</b>	<b>0.87922</b>	<b>0.08704</b>	<b>2.6112</b>	<b>0.00902</b>				
FIPU08-Buyer (Purchasing Agents, Except Wholesale, Retail, & Farm Products)	11	\$22.69	\$20.56	\$25.97	1.554	0.4687	4	\$21.13	\$14.15	\$24.47	4.7172	2.3586	0.65	3.2401	0.5599	33	0.13056	0.89612				0.73333	0.50954	0.95712	0.1291	1.8074	0.0707				
FIPU09-Warehouse Manager (Purchasing Agents, Except Wholesale, Retail, & Farm Products)	7	\$27.16	\$25.62	\$28.33	1.146	0.4331	3	\$27.81	\$27.66	\$27.89	0.1332	0.0769	-1.48	6.3656	0.1867	18.5	0.46291	0.64343				0.7	0.41597	0.98403	0.15811	1.2649	0.2059				
FIPU10-Purchasing Agent (Purchasing Agents, Except Wholesale, Retail, & Farm Products)	4	\$29.80	\$28.12	\$31.99	1.623	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0																
FIPU11-Purchasing Officer (Purchasing Agents, Except Wholesale, Retail, & Farm Products)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																			
FIPU12-Purchasing Manager (Purchasing Managers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																			
<b>FIST (Statistician)</b>	<b>8</b>	<b>\$34.59</b>	<b>\$26.78</b>	<b>\$41.69</b>	<b>4.6689</b>	<b>1.6507</b>	<b>9</b>	<b>\$33.60</b>	<b>\$24.28</b>	<b>\$42.71</b>	<b>7.1411</b>	<b>2.38037</b>	<b>0.34</b>	<b>13.877</b>	<b>0.7381</b>	<b>77</b>	<b>0.48142</b>	<b>0.63022</b>				<b>0.47059</b>	<b>0.23332</b>	<b>0.70786</b>	<b>0.12127</b>	<b>-0.2425</b>	<b>0.80837</b>				
FIST09-Statistician (Statisticians)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																			
FIST10-Senior Statistician (Statisticians)	5	\$31.91	\$26.78	\$36.08	3.329	1.4886	3	\$31.59	\$28.80	\$35.68	3.6209	2.0905	0.13	4.0251	0.906	12	-0.4499	0.65278				0.625	0.28953	0.96047	0.17678	0.7071	0.4795				
FIST11-Principal Statistician (Statisticians)	N/D	N/D	N/D	N/D	N/D	N/D	3	\$38.89	\$32.59	\$42.71	5.4956	3.1729																			

Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test							
	Hourly Wage						Hourly Wage						t Value	DF	T Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>		
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																	
FIST12-Chief Statistician (Statisticians)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																	
FIST13-Statistical Data Manager (Statisticians)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>FITE (Tax Examination)</b>	<b>42</b>	<b>\$25.26</b>	<b>\$20.42</b>	<b>\$39.97</b>	<b>4.7715</b>	<b>0.7363</b>	<b>15</b>	<b>\$27.67</b>	<b>\$20.49</b>	<b>\$39.15</b>	<b>6.0629</b>	<b>1.56542</b>	<b>-1.39</b>	<b>20.536</b>	<b>0.1786</b>	<b>515</b>	<b>1.45007</b>	<b>0.14704</b>				<b>0.73684</b>	<b>0.62253</b>	<b>0.85116</b>	<b>0.06623</b>	<b>3.5762</b>	<b>0.00035</b>		
FITE07-Tax Examiner (Tax Examiners, Collectors, & Revenue Agents)	18	\$21.62	\$20.42	\$24.14	1.079	0.2543	4	\$21.07	\$20.49	\$21.71	0.5939	0.297	1.42	8.2322	0.1929	38	-0.68294	0.49465				0.81818	0.65701	0.97935	0.1066	2.9848	0.00284		
FITE08-Senior Tax Examiner (Tax Examiners, Collectors, & Revenue Agents)	8	\$24.12	\$22.61	\$25.79	1.142	0.4036	N/D	N/D	N/D	N/D	N/D	N/D																	
FITE09-Tax Examination Analyst (Tax Examiners, Collectors, & Revenue Agents)	6	\$25.51	\$24.46	\$26.49	0.698	0.2851	4	\$25.67	\$25.25	\$26.02	0.3253	0.1626	-0.49	7.4662	0.6378	24.5	0.53462	0.59291				0.6	0.29636	0.90364	0.15811	0.6325	0.52709		
FITE10-Senior Tax Examination Analyst (Tax Examiners, Collectors, & Revenue Agents)	8	\$30.91	\$28.63	\$32.17	1.148	0.4058	3	\$31.61	\$30.74	\$32.17	0.7651	0.4417	-1.17	5.6506	0.2906	22.5	0.92065	0.35723				0.72727	0.46409	0.99046	0.15076	1.5076	0.13167		
FITE11-Principal Tax Examiner (Tax Examiners, Collectors, & Revenue Agents)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
FITE12-Tax Examination Manager I (Managers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>W FIWH (Warehouse)*</b>	<b>4</b>	<b>\$24.07</b>	<b>\$23.20</b>	<b>\$24.73</b>	<b>0.7192</b>	<b>0.3596</b>	<b>27</b>	<b>\$19.21</b>	<b>\$14.42</b>	<b>\$33.57</b>	<b>4.6775</b>	<b>0.90019</b>	<b>5.02</b>	<b>28.639</b>	<b>.</b>	<b>102</b>	<b>2.24415</b>	<b>0.02482</b>	<b>-\$4.87</b>	<b>\$1.25</b>	<b>-\$10,125</b>	<b>0.12903</b>	<b>0.01102</b>	<b>0.24704</b>	<b>0.0898</b>	<b>-4.1309</b>	<b>0.00004</b>		
FIWH04-Shipping & Receiving Clerk I (Stock Clerks & Order Fillers)	0	\$0.00	\$0.00	\$0.00	0	0	14	\$16.56	\$14.42	\$19.24	1.638	0	0	0	0	.	.	.											
FIWH05-Shipping & Receiving Clerk II (Stock Clerks & Order Fillers)	0	\$0.00	\$0.00	\$0.00	0	0	5	\$17.04	\$14.44	\$18.77	1.774	0	0	0	0	.	.	.											
FIWH08-Warehouse Assistant Supervisor (First-Line Supervisors/Managers of Office & Administrative Support Workers)	3	\$24.17	\$23.20	\$24.73	0.845	0.4878	4	\$22.53	\$20.77	\$24.47	1.5616	0.7808	1.78	4.7202	0.138	17	1.76777	0.0771				0.42857	0.06197	0.79517	0.18898	-0.378	0.70546		
FIWH09-Warehouse Supervisor (First-Line Supervisors/Managers of Office & Administrative Support Workers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
FIWH11-Warehouse Manager (Transportation, Storage, & Distribution Managers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>FWFC (Fish Culturalist)</b>	<b>4</b>	<b>\$26.10</b>	<b>\$22.55</b>	<b>\$32.97</b>	<b>4.7475</b>	<b>2.3737</b>	<b>28</b>	<b>\$28.03</b>	<b>\$22.55</b>	<b>\$35.56</b>	<b>4.9054</b>	<b>0.92704</b>	<b>-0.76</b>	<b>3.975</b>	<b>0.4898</b>	<b>46.5</b>	<b>-1.11203</b>	<b>0.26612</b>				<b>0.125</b>	<b>0.01041</b>	<b>0.23959</b>	<b>0.08839</b>	<b>-4.2426</b>	<b>0.00002</b>		
FWFC08-Fish Culturalist (Zoologists & Wildlife Biologists)	N/D	N/D	N/D	N/D	N/D	N/D	9	\$23.10	\$22.55	\$24.01	0.5035	0.1678																	
FWFC09-Senior Fish Culturalist (Zoologists & Wildlife Biologists)	N/D	N/D	N/D	N/D	N/D	N/D	9	\$26.06	\$25.25	\$27.02	0.6766	0.2255																	
FWFC11-Fish Hatchery Manager (Zoologists & Wildlife Biologists)	N/D	N/D	N/D	N/D	N/D	N/D	10	\$34.25	\$33.43	\$35.56	0.6442	0.2037																	
<b>FWGP (Game Warden)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>																	
FWGP11-Game Warden Program Manager (Fish & Game Wardens)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>M FWGW (Game Warden)*</b>	<b>6</b>	<b>\$28.65</b>	<b>\$22.24</b>	<b>\$30.63</b>	<b>3.2065</b>	<b>1.3091</b>	<b>60</b>	<b>\$30.42</b>	<b>\$22.48</b>	<b>\$39.39</b>	<b>3.1499</b>	<b>0.40666</b>	<b>-1.29</b>	<b>6.007</b>	<b>0.2451</b>	<b>98</b>	<b>-2.29763</b>	<b>0.02158</b>	<b>\$1.77</b>	<b>\$0.94</b>	<b>\$3,673</b>	<b>0.09091</b>	<b>0.02155</b>	<b>0.16026</b>	<b>0.06155</b>	<b>-6.6469</b>	<b>&lt;0.0001</b>		
FWGW08-Game Warden (Fish & Game Wardens)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
M FWGW10-Senior Game Warden (Fish & Game Wardens)*	5	\$29.94	\$29.16	\$30.63	0.725	0.3242	50	\$31.17	\$28.93	\$34.07	1.03	0.1457	-3.48	5.7588	0.014	52	-2.57661	0.00998	\$1.24	\$0.96	\$2,575	0.09091	0.01493	0.16688	0.06742	-6.0678	<0.0001		
FWGW11-Game Warden Supervisor (Fish & Game Wardens)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>FWMG (G&amp;F Management)</b>	<b>4</b>	<b>\$44.44</b>	<b>\$37.56</b>	<b>\$57.35</b>	<b>9.193</b>	<b>4.5965</b>	<b>52</b>	<b>\$42.83</b>	<b>\$35.22</b>	<b>\$64.11</b>	<b>7.1904</b>	<b>0.99714</b>	<b>0.34</b>	<b>3.289</b>	<b>0.7527</b>	<b>132.5</b>	<b>0.58858</b>	<b>0.55614</b>				<b>0.07143</b>	<b>0.00398</b>	<b>0.13888</b>	<b>0.06682</b>	<b>-6.4143</b>	<b>&lt;0.0001</b>		
FWMG11-Biologist Supervisor (Zoologists & Wildlife Biologists)	N/D	N/D	N/D	N/D	N/D	N/D	23	\$36.93	\$35.22	\$38.13	0.7652	0.1596																	
FWMG12-Game & Fish Manager I (Natural Sciences Managers)	0	\$0.00	\$0.00	\$0.00	0	0	6	\$40.64	\$39.76	\$41.98	0.791	0	0	0	0	.	.	.											
FWMG13-Game & Fish Manager II (Natural Sciences Managers)	N/D	N/D	N/D	N/D	N/D	N/D	15	\$45.83	\$43.92	\$51.03	1.7093	0.4414																	
FWMG14-Game & Fish Manager III (Natural Sciences Managers)	0	\$0.00	\$0.00	\$0.00	0	0	4	\$50.85	\$45.36	\$53.16	3.679	0	0	0	0	.	.	.											



Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test							
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	t Value	DF	T_Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>		
FWMG15-Game & Fish Administrator (Chief Executives)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
FWMG16-Game & Fish Deputy Director (Chief Executives)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>FWVT (Veterinarian)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>																	
FWVT14-State Veterinarian (Veterinarians)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																	
<b>FWWB (Wildlife Biologist)</b>	<b>22</b>	<b>\$30.77</b>	<b>\$28.93</b>	<b>\$34.30</b>	<b>1.6538</b>	<b>0.3526</b>	<b>84</b>	<b>\$30.38</b>	<b>\$22.00</b>	<b>\$41.61</b>	<b>2.9372</b>	<b>0.32047</b>	<b>0.82</b>	<b>59.717</b>	<b>0.4182</b>	<b>1206</b>	<b>0.22598</b>	<b>0.82122</b>				<b>0.20755</b>	<b>0.13034</b>	<b>0.28475</b>	<b>0.04856</b>	<b>-6.022</b>	<b>&lt;0.0001</b>		
FWWB08-Wildlife Biologist I (Zoologists & Wildlife Biologists)	0	\$0.00	\$0.00	\$0.00	0	0	5	\$23.16	\$22.00	\$26.46	1.93	0	0	0	0	.	.	.											
FWWB09-Wildlife Biologist II (Zoologists & Wildlife Biologists)	0	\$0.00	\$0.00	\$0.00	0	0	12	\$27.44	\$26.51	\$28.67	0.866	0	0	0	0	.	.	.											
M FWWB10-Senior Wildlife Biologist (Zoologists & Wildlife Biologists)*	18	\$30.15	\$28.93	\$31.79	1.031	0.2431	58	\$30.97	\$28.93	\$34.11	1.2124	0.1592	-2.8	32.902	0.0085	508.5	-2.25568	0.02409	\$0.81	\$0.97	\$1,693	0.23684	0.14126	0.33242	0.05735	-4.5883	<0.0001		
FWWB11-Principal Wildlife Biologist (Zoologists & Wildlife Biologists)	4	\$33.55	\$32.71	\$34.30	0.757	0.3787	9	\$34.55	\$32.71	\$41.61	2.9083	0.9694	-0.97	10.007	0.3571	26.5	-0.23177	0.81671				0.30769	0.0568	0.55858	0.13868	-1.3868	0.16552		
<b>GOAS (Governors Staff)</b>	<b>5</b>	<b>\$23.30</b>	<b>\$20.57</b>	<b>\$25.73</b>	<b>1.875</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	.	.	.											
GOAS01-Governor's Administrative Staff 1 (Executive Secretaries & Administrative Assistants)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																	
GOAS03-Governor's Administrative Staff 3 (Executive Secretaries & Administrative Assistants)	3	\$24.29	\$23.08	\$25.73	1.342	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	.	.	.											
GOAS04-Governor's Senior Administrative Staff (Executive Secretaries & Administrative Assistants)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																	
<b>HSDE (Dentistry)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>																	
HSDE06-Dental Hygienist (Dental Hygienists)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																	
<b>HSDO (Doctor)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>																	
HSDO13-Physician (Family & General Practitioners)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>M HSEP (Epidemiology)</b>	<b>10</b>	<b>\$29.03</b>	<b>\$26.72</b>	<b>\$32.22</b>	<b>1.725</b>	<b>0.5455</b>	<b>4</b>	<b>\$42.42</b>	<b>\$32.18</b>	<b>\$52.29</b>	<b>9.1907</b>	<b>4.59536</b>	<b>-2.89</b>	<b>3.085</b>	<b>0.0608</b>	<b>49</b>	<b>2.68996</b>	<b>0.00715</b>	<b>\$13.39</b>	<b>\$0.68</b>	<b>\$27,842</b>	<b>0.71429</b>	<b>0.47765</b>	<b>0.95092</b>	<b>0.13363</b>	<b>1.6036</b>	<b>0.10881</b>		
HSEP09-Epidemiologist II (Epidemiologists)	4	\$27.44	\$26.72	\$28.35	0.849	0	N/D	N/D	N/D	N/D	N/D	N/D																	
HSEP10-Epidemiologist III (Epidemiologists)	6	\$30.09	\$28.50	\$32.22	1.246	0.5086	N/D	N/D	N/D	N/D	N/D	N/D																	
HSEP12-Principal Epidemiologist (Epidemiologists)	0	\$0.00	\$0.00	\$0.00	0	0	3	\$45.83	\$37.55	\$52.29	7.537	0	0	0	0	.	.	.											
<b>HSHC (Health Care Technician)</b>	<b>10</b>	<b>\$17.28</b>	<b>\$12.32</b>	<b>\$22.83</b>	<b>3.715</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	.	.	.											
HSHC04-Health Care Assistant (Medical Assistants)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																	
HSHC06-Health Care Technician (Medical Assistants)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																	
<b>HSHP (Health Program)</b>	<b>84</b>	<b>\$28.51</b>	<b>\$14.89</b>	<b>\$43.23</b>	<b>5.4517</b>	<b>0.5948</b>	<b>10</b>	<b>\$28.97</b>	<b>\$23.66</b>	<b>\$33.02</b>	<b>2.8678</b>	<b>0.90689</b>	<b>-0.42</b>	<b>18.047</b>	<b>0.6796</b>	<b>489</b>	<b>0.17168</b>	<b>0.86369</b>				<b>0.89362</b>	<b>0.83129</b>	<b>0.95595</b>	<b>0.05157</b>	<b>7.6325</b>	<b>&lt;0.0001</b>		
HSHP08-Health Program Specialist (Health Educators)	34	\$23.35	\$14.89	\$34.40	3.269	0.5606	3	\$25.58	\$23.66	\$27.06	1.7399	1.0045	-1.94	3.4195	0.1366	89	1.78063	0.07497				0.91892	0.83097	1	0.0822	5.0964	<0.0001		
HSHP09-Health Facility Surveyor (Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation)	7	\$30.05	\$27.84	\$32.71	1.798	0.6797	N/D	N/D	N/D	N/D	N/D	N/D																	
HSHP10-Health Program Supervisor (Medical & Health Services Managers)	22	\$30.37	\$28.56	\$34.29	1.498	0.3194	4	\$29.79	\$28.95	\$31.11	1.0458	0.5229	0.94	5.5459	0.3871	45	-0.63993	0.52222				0.84615	0.70747	0.98484	0.09806	3.5301	0.00042		
HSHP11-Health Program Manager I (Medical & Health Services Managers)	10	\$33.28	\$31.32	\$35.69	1.331	0.4209	N/D	N/D	N/D	N/D	N/D	N/D																	
HSHP12-Health Program Manager II (Medical & Health Services Managers)	11	\$35.46	\$21.93	\$43.23	5.23	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	.	.	.											
<b>HSHS (Human Services)</b>	<b>165</b>	<b>\$17.78</b>	<b>\$8.92</b>	<b>\$39.73</b>	<b>5.2535</b>	<b>0.409</b>	<b>67</b>	<b>\$18.92</b>	<b>\$10.17</b>	<b>\$41.73</b>	<b>6.3061</b>	<b>0.77041</b>	<b>-1.3</b>	<b>105.08</b>	<b>0.1949</b>	<b>8516</b>	<b>1.53355</b>	<b>0.12514</b>				<b>0.71121</b>	<b>0.65289</b>	<b>0.76952</b>	<b>0.03283</b>	<b>6.434</b>	<b>&lt;0.0001</b>		
HSHS04-Human Services Aide (Nursing Assistants)	136	\$16.04	\$8.92	\$26.03	2.9	0.2487	47	\$16.80	\$10.26	\$31.79	3.4679	0.5058	-1.34	69.533	0.1834	4727	1.28727	0.198				0.74317	0.67987	0.80647	0.03696	6.5791	<0.0001		

Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test						
	Hourly Wage						Hourly Wage						t Value	DF	T Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>	
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																
W HSHS05-Human Service Specialist (Nursing Assistants)	14	\$21.01	\$14.75	\$27.82	3.177	0.8491	12	\$17.98	\$10.17	\$22.20	3.0732	0.8872	2.47	23.615	0.0213	114	-2.46885	0.01355	-\$3.03	\$1.17	-\$6,303	0.53846	0.34684	0.73008	0.09806	0.3922	0.69489	
HSNS08-Human Services Shift Supervisor (Nursing Assistants)	N/D	N/D	N/D	N/D	N/D	N/D	5	\$32.49	\$28.07	\$40.40	4.7868	2.1407																
HSNS09-Human Services Unit Supervisor (Nursing Assistants)	N/D	N/D	N/D	N/D	N/D	N/D	3	\$33.35	\$28.23	\$41.73	7.3164	4.2241																
<b>HSNP (Doctor)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>
HSNP12-Nurse Practitioner (Nurse Practitioners)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D
<b>M HSNU (Nursing)*</b>	<b>123</b>	<b>\$31.26</b>	<b>\$10.21</b>	<b>\$56.26</b>	<b>7.9303</b>	<b>0.7151</b>	<b>12</b>	<b>\$36.83</b>	<b>\$25.54</b>	<b>\$44.59</b>	<b>6.2923</b>	<b>1.81643</b>	<b>-2.86</b>	<b>14.642</b>	<b>0.0122</b>	<b>1140.5</b>	<b>2.50931</b>	<b>0.0121</b>	<b>\$5.58</b>	<b>\$0.85</b>	<b>\$11,598</b>	<b>0.91111</b>	<b>0.86311</b>	<b>0.95912</b>	<b>0.04303</b>	<b>9.5534</b>	<b>&lt;0.0001</b>	
HSNU06-LPN (Licensed Practical & Licensed Vocational Nurses)	9	\$19.02	\$10.21	\$26.60	5.938	1.9795	N/D	N/D	N/D	N/D	N/D	N/D																
HSNU08-Nurse I (Registered Nurses)	63	\$28.59	\$11.64	\$44.19	6.484	0.8169	4	\$32.99	\$26.44	\$37.31	4.8656	2.4328	-1.71	3.7124	0.1677	188	1.37685	0.16856				0.9403	0.88357	0.99703	0.06108	7.208	<0.0001	
HSNU10-Senior Nurse (Registered Nurses)	21	\$35.65	\$30.23	\$56.26	7.084	1.5459	3	\$39.95	\$37.57	\$44.59	4.0174	2.3194	-1.55	4.0907	0.1955	55	1.52786	0.12655				0.875	0.74269	1	0.10206	3.6742	0.00024	
HSNU11-Nurse Manager I (Registered Nurses)	20	\$35.74	\$33.54	\$44.55	3.013	0.6738	3	\$40.72	\$35.61	\$43.28	4.4249	2.5547	-1.89	2.2868	0.1838	56.5	1.89879	0.05759				0.86957	0.73193	1	0.10426	3.5447	0.00039	
HSNU12-Nurse Manager II (Registered Nurses)	7	\$39.48	\$37.42	\$41.32	1.873	0.708	N/D	N/D	N/D	N/D	N/D	N/D																
HSNU13-Nurse Manager III (Medical & Health Services Managers)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																
HSNU14-Nurse Director (Medical & Health Services Managers)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																
<b>HSOT (Occupational Therapy)</b>	<b>4</b>	<b>\$28.00</b>	<b>\$18.68</b>	<b>\$33.66</b>	<b>6.6545</b>	<b>3.3273</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>
HSOT07-Occupational Therapist Assistant (Occupational Therapist Assistants)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D
HSOT09-Occupational Therapist (Occupational Therapists)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D
HSPH (Pharmacy)	7	\$46.74	\$40.25	\$51.54	4.4378	1.6773	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D
HSPH11-Pharmacist (Pharmacists)	7	\$46.74	\$40.25	\$51.54	4.438	1.6773	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D
<b>HSPP (Pharmacy)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>																
HSPP12-Medicaid Pharmacy Program Manager (Medical & Health Services Managers)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																
<b>HSPT (Physical Therapy)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>
HSPT07-Physical Therapist Assistant (Physical Therapist Assistants)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																
HSPT09-Physical Therapist (Physical Therapists)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																
<b>HSPY (Psychiatrist)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>3</b>	<b>\$34.13</b>	<b>\$33.11</b>	<b>\$35.56</b>	<b>1.2753</b>	<b>0.73632</b>																
HSPY11-Psychology Services Analyst (Clinical, Counseling, & School Psychologists)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
HSPY12-Psychologist (Clinical, Counseling, & School Psychologists)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
<b>HSRA (Recreational Activities)</b>	<b>10</b>	<b>\$25.55</b>	<b>\$21.60</b>	<b>\$30.75</b>	<b>3.2499</b>	<b>1.0277</b>	<b>13</b>	<b>\$27.85</b>	<b>\$21.63</b>	<b>\$43.85</b>	<b>5.788</b>	<b>1.6053</b>	<b>-1.21</b>	<b>19.487</b>	<b>0.2422</b>	<b>104</b>	<b>-0.99228</b>	<b>0.32106</b>				<b>0.43478</b>	<b>0.23219</b>	<b>0.63738</b>	<b>0.10426</b>	<b>-0.6255</b>	<b>0.53161</b>	
HSRA07-Recreational Activities Specialist (Recreational Therapists)	4	\$24.29	\$21.60	\$30.75	4.331	2.1657	10	\$25.66	\$21.63	\$29.92	2.7466	0.8686	-0.59	4.0081	0.5874	22	-1.13137	0.2579				0.28571	0.04908	0.52235	0.13363	-1.6036	0.10881	
M HSRA09-Recreational Activities Coordinator (Recreational Therapists)	6	\$26.39	\$23.75	\$30.17	2.373	0.9687	3	\$35.14	\$28.23	\$43.85	7.9668	4.5996	-1.86	2.1797	0.1933	23	2.06559	0.03887	\$8.75	\$0.75	\$18,192	0.66667	0.35869	0.97465	0.16667	1	0.31731	
<b>HSRD (Registered Dietician)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>																
HSRD09-Registered Dietitian (Dietitians & Nutritionists)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																
<b>HSRT (Respiratory Therapy)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>																
HSRT06-Respiratory Therapist (Respiratory Therapists)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																
<b>HSSL (Scientific Laboratory)</b>	<b>25</b>	<b>\$29.21</b>	<b>\$16.41</b>	<b>\$41.80</b>	<b>6.3457</b>	<b>1.2691</b>	<b>14</b>	<b>\$31.02</b>	<b>\$20.99</b>	<b>\$40.09</b>	<b>5.2908</b>	<b>1.41402</b>	<b>-0.95</b>	<b>31.359</b>	<b>0.3472</b>	<b>311</b>	<b>0.90768</b>	<b>0.36405</b>				<b>0.64103</b>	<b>0.49047</b>	<b>0.79158</b>	<b>0.08006</b>	<b>1.7614</b>	<b>0.07817</b>	
HSSL05-Laboratory Assistant (Medical & Clinical Laboratory Technicians)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																

**Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3**

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test										
	Hourly Wage						Hourly Wage						t Value	DF	T_Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Propor- tion	Lower Con- fidence Int.	Upper Con- fidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>					
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																				
HSSL08-Laboratory Scientist I (Medical & Clinical Laboratory Technologists)	6	\$25.49	\$21.92	\$34.54	4.532	1.8501	N/D	N/D	N/D	N/D	N/D	N/D																				
HSSL09-Laboratory Scientist II (Medical & Clinical Laboratory Technologists)	4	\$27.03	\$25.67	\$28.58	1.336	0.6682	4	\$26.83	\$24.84	\$27.74	1.355	0.6775	0.21	5.9989	0.8428	17.5	-0.1452	0.88455									0.5	0.15352	0.84648	0.17678	0	1
HSSL10-Senior Laboratory Scientist (Medical & Clinical Laboratory Technologists)	7	\$30.19	\$29.31	\$31.11	0.65	0.2455	N/D	N/D	N/D	N/D	N/D	N/D																				
HSSL11-Laboratory Supervisor (Medical & Clinical Laboratory Technologists)	4	\$35.53	\$32.55	\$41.70	4.171	2.0855	4	\$33.23	\$31.66	\$35.56	1.7095	0.8547	1.02	3.9802	0.3655	22	1.1547	0.24821									0.5	0.15352	0.84648	0.17678	0	1
HSSL12-Laboratory Manager I (Medical & Clinical Laboratory Technologists)	N/D	N/D	N/D	N/D	N/D	N/D	3	\$38.05	\$36.91	\$40.09	1.774	1.0242																				
HSSL13-Laboratory Manager II (Managers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																				
<b>HSST (Speech Therapy)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>																				
HSST09-Speech Therapist (Speech- Language Pathologists)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																				
<b>ININ (Inspection)</b>	<b>40</b>	<b>\$25.91</b>	<b>\$19.93</b>	<b>\$39.04</b>	<b>5.1028</b>	<b>0.8068</b>	<b>50</b>	<b>\$27.04</b>	<b>\$17.96</b>	<b>\$44.30</b>	<b>4.5684</b>	<b>0.64607</b>	<b>-1.09</b>	<b>79.148</b>	<b>0.2806</b>	<b>1598</b>	<b>-1.80344</b>	<b>0.07132</b>									<b>0.44444</b>	<b>0.34178</b>	<b>0.5471</b>	<b>0.0527</b>	<b>-1.0541</b>	<b>0.29184</b>
ININ07-Inspection Specialist I (Inspectors, Testers, Sorters, Samplers, & Weighers)	N/D	N/D	N/D	N/D	N/D	N/D	15	\$27.10	\$21.35	\$44.30	5.516	0																				
ININ08-Inspection Specialist II (Inspectors, Testers, Sorters, Samplers, & Weighers)	28	\$23.08	\$19.93	\$26.25	1.627	0.3075	20	\$24.57	\$17.96	\$31.51	2.9245	0.6539	-2.07	27.392	0.0484	577.5	1.83515	0.06648									0.58333	0.44386	0.7228	0.07217	1.1547	0.24821
ININ09-Senior Inspection Specialist (Inspectors, Testers, Sorters, Samplers, & Weighers)	5	\$29.07	\$27.66	\$32.11	1.767	0.7901	11	\$29.53	\$24.23	\$38.05	3.5688	1.076	-0.34	13.719	0.7364	41.5	-0.11337	0.90974									0.3125	0.08538	0.53962	0.125	-1.5	0.13361
ININ10-Special Investigation Analyst (Child, Family, & School Social Workers)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																				
ININ11-Inspection Supervisor (First-Line Supervisors/Managers of Production & Operating Workers)	6	\$35.67	\$30.81	\$39.04	3.448	1.4078	4	\$32.26	\$30.00	\$33.64	1.5795	0.7898	2.11	7.4178	0.0701	14	-1.70561	0.08808									0.6	0.29636	0.90364	0.15811	0.6325	0.52709
<b>INOS (OSHA)</b>	<b>7</b>	<b>\$32.29</b>	<b>\$24.63</b>	<b>\$42.71</b>	<b>6.6816</b>	<b>2.5254</b>	<b>21</b>	<b>\$31.88</b>	<b>\$28.53</b>	<b>\$44.22</b>	<b>3.8187</b>	<b>0.8333</b>	<b>0.15</b>	<b>7.352</b>	<b>0.882</b>	<b>92</b>	<b>-0.50555</b>	<b>0.61317</b>									<b>0.25</b>	<b>0.08961</b>	<b>0.41039</b>	<b>0.09449</b>	<b>-2.6458</b>	<b>0.00815</b>
INOS08-OSHA Specialist (Occupational Health & Safety Specialists)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																				
INOS09-Senior OSHA Specialist (Occupational Health & Safety Specialists)	4	\$31.92	\$27.29	\$42.71	7.23	3.6149	18	\$30.66	\$28.53	\$36.08	1.9243	0.4536	0.35	3.0951	0.7502	35	-0.94225	0.34606									0.18182	0.02065	0.34299	0.1066	-2.9848	0.00284
INOS10-OSHA Program Supervisor (Occupational Health & Safety Specialists)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																				
INOS12-OSHA Program Manager (Managers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																				
<b>ISFS (Food Services)</b>	<b>52</b>	<b>\$18.32</b>	<b>\$10.50</b>	<b>\$29.19</b>	<b>5.0122</b>	<b>0.6951</b>	<b>24</b>	<b>\$20.05</b>	<b>\$10.50</b>	<b>\$34.52</b>	<b>6.6455</b>	<b>1.35651</b>	<b>-1.14</b>	<b>35.557</b>	<b>0.2632</b>	<b>998</b>	<b>0.82693</b>	<b>0.40828</b>									<b>0.68421</b>	<b>0.57971</b>	<b>0.78872</b>	<b>0.05735</b>	<b>3.2118</b>	<b>0.00132</b>
ISFS01-Food Services Assistant (Combined Food Preparation & Serving Workers, Including Fast Food)	12	\$12.44	\$10.50	\$15.13	1.566	0.4521	3	\$11.68	\$10.50	\$13.69	1.7532	1.0122	0.69	2.8569	0.5422	19	-0.72169	0.47049									0.8	0.59758	1	0.1291	2.3238	0.02014
ISFS05-Food Services Specialist (Cooks, Institution & Cafeteria)	28	\$17.85	\$15.06	\$29.19	2.699	0.5101	16	\$18.27	\$15.53	\$24.79	2.5675	0.6419	-0.51	32.687	0.612	372	0.29277	0.7697									0.63636	0.49423	0.7785	0.07538	1.8091	0.07044
ISFS08-Food Services Supervisor (First-Line Supervisors/Managers of Food Preparation & Serving Workers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																				
ISFS09-Food Services Manager (First-Line Supervisors/Managers of Food Preparation & Serving Workers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																				
<b>ISHK (Housekeeping)</b>	<b>31</b>	<b>\$12.21</b>	<b>\$8.97</b>	<b>\$22.55</b>	<b>3.2863</b>	<b>0.5902</b>	<b>5</b>	<b>\$13.86</b>	<b>\$10.22</b>	<b>\$16.56</b>	<b>2.5997</b>	<b>1.16261</b>	<b>-1.26</b>	<b>6.272</b>	<b>0.2509</b>	<b>125</b>	<b>1.48674</b>	<b>0.13708</b>									<b>0.86111</b>	<b>0.74814</b>	<b>0.97408</b>	<b>0.08333</b>	<b>4.3333</b>	<b>0.00001</b>

Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test						
	Hourly Wage						Hourly Wage						t Value	DF	T Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>	
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																
M ISHK01-Housekeeper (Maids & Housekeeping Cleaners)*	26	\$11.20	\$9.78	\$16.02	1.464	0.287	5	\$13.86	\$10.22	\$16.56	2.5997	1.1626	-2.22	4.4998	0.0835	120	2.14856	0.03167	\$2.65	\$0.81	\$5,519	0.83871	0.70924	0.96818	0.0898	3.7717	0.00016	
ISHK06-Housekeeping Supervisor (First-Line Supervisors/Managers of Housekeeping & Janitorial Workers)	5	\$17.43	\$8.97	\$22.55	5.192	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	.	.	.				.	.	.	.	.	.	
<b>LRAP (Appraisals)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>\$29.92</b>	<b>\$27.69</b>	<b>\$33.24</b>	<b>2.391</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	.	.	.				.	.	.	.	.	.	
LRAP09-Appraiser (Appraisers & Assessors of Real Estate)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																
LRAP10-Principal Appraiser (Appraisers & Assessors of Real Estate)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																
<b>LRLM (Lands Management)</b>	<b>14</b>	<b>\$27.42</b>	<b>\$20.19</b>	<b>\$35.49</b>	<b>4.6756</b>	<b>1.2496</b>	<b>14</b>	<b>\$31.72</b>	<b>\$20.19</b>	<b>\$47.00</b>	<b>9.3183</b>	<b>2.49041</b>	<b>-1.54</b>	<b>19.156</b>	<b>0.1396</b>	<b>226</b>	<b>1.0568</b>	<b>0.2906</b>				<b>0.5</b>	<b>0.3148</b>	<b>0.6852</b>	<b>0.09449</b>	<b>0</b>	<b>1</b>	
LRLM06-Lands Management Specialist I (Title Examiners, Abstractors, & Searchers)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																
LRLM07-Lands Management Specialist II (Title Examiners, Abstractors, & Searchers)	0	\$0.00	\$0.00	\$0.00	0	0	3	\$20.64	\$20.19	\$21.09	0.448	0	0	0	0	.	.	.				.	.	.	.	.	.	
LRLM08-Senior Lands Management Specialist I (Title Examiners, Abstractors, & Searchers)	4	\$24.75	\$23.09	\$25.79	1.164	0.5822	3	\$25.11	\$24.29	\$26.01	0.8635	0.4985	-0.47	4.9889	0.655	13	0.35355	0.72367				0.57143	0.20483	0.93803	0.18898	0.378	0.70546	
LRLM09-Lands Management Program Analyst (Title Examiners, Abstractors, & Searchers)	6	\$29.32	\$27.09	\$33.02	2.352	0.9601	N/D	N/D	N/D	N/D	N/D	N/D																
LRLM10-Lands Management Program Supervisor (Title Examiners, Abstractors, & Searchers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
LRLM11-Lands Management Program Manager I (Property, Real Estate, & Community Association Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																
LRLM13-Lands Management Program Manager II (Property, Real Estate, & Community Association Managers)	0	\$0.00	\$0.00	\$0.00	0	0	3	\$44.49	\$42.98	\$47.00	2.188	0	0	0	0	.	.	.				.	.	.	.	.	.	
<b>LRRP (Appraisals)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>\$33.52</b>	<b>\$30.45</b>	<b>\$37.17</b>	<b>3.397</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	.	.	.				.	.	.	.	.	.	
LRRP10-Review Appraiser (Appraisers & Assessors of Real Estate)	0	\$0.00	\$0.00	\$0.00	0	0	3	\$33.52	\$30.45	\$37.17	3.397	0	0	0	0	.	.	.				.	.	.	.	.	.	
<b>LRSU (Surveying)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>\$35.24</b>	<b>\$32.82</b>	<b>\$41.47</b>	<b>3.139</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	.	.	.				.	.	.	.	.	.	
LRSU10-Professional Land Surveyor (Surveyors)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																
LRSU11-Senior Professional Land Surveyor (Surveyors)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																
<b>PIMM (Multi-Media)</b>	<b>11</b>	<b>\$26.62</b>	<b>\$22.67</b>	<b>\$29.57</b>	<b>2.5876</b>	<b>0.7802</b>	<b>12</b>	<b>\$27.50</b>	<b>\$23.08</b>	<b>\$32.07</b>	<b>3.631</b>	<b>1.04819</b>	<b>-0.68</b>	<b>19.86</b>	<b>0.5065</b>	<b>120</b>	<b>-0.73855</b>	<b>0.46018</b>				<b>0.47826</b>	<b>0.27411</b>	<b>0.68241</b>	<b>0.10426</b>	<b>-0.2085</b>	<b>0.83483</b>	
PIMM05-Photographer (Photographers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																
PIMM08-Multi-Media Specialist II (Public Relations Specialists)	6	\$25.01	\$22.67	\$29.25	2.461	1.0048	5	\$24.88	\$23.08	\$30.36	3.1198	1.3952	0.08	7.5913	0.9395	29	-0.18257	0.85513				0.54545	0.2512	0.83971	0.15076	0.3015	0.76302	
PIMM09-Senior Multi-Media Specialist (Public Relations Specialists)	5	\$28.54	\$27.55	\$29.57	0.816	0.3649	5	\$29.79	\$27.43	\$32.07	2.0394	0.9121	-1.27	5.2485	0.2567	23	-0.94002	0.34721				0.5	0.1901	0.8099	0.15811	0	1	
PIMM10-Multi-Media Supervisor (Public Relations Specialists)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																
<b>PIPR (Public Involvement/Awareness)</b>	<b>22</b>	<b>\$26.46</b>	<b>\$19.99</b>	<b>\$29.77</b>	<b>2.7979</b>	<b>0.5965</b>	<b>11</b>	<b>\$27.22</b>	<b>\$20.00</b>	<b>\$32.31</b>	<b>4.2255</b>	<b>1.27404</b>	<b>-0.54</b>	<b>14.533</b>	<b>0.5998</b>	<b>206</b>	<b>0.72572</b>	<b>0.46801</b>				<b>0.66667</b>	<b>0.50583</b>	<b>0.8275</b>	<b>0.08704</b>	<b>1.9149</b>	<b>0.05551</b>	
PIPR07-Public Relations Specialist I (Public Relations Specialists)	3	\$21.15	\$19.99	\$23.38	1.93	1.1145	N/D	N/D	N/D	N/D	N/D	N/D																
PIPR08-Public Relations Specialist II (Public Relations Specialists)	3	\$24.93	\$23.56	\$27.51	2.242	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	.	.	.				.	.	.	.	.	.	
PIPR09-Senior Public Relations Specialist (Public Relations Specialists)	16	\$27.75	\$24.16	\$29.77	1.383	0.3457	6	\$27.59	\$25.76	\$31.67	2.3122	0.944	0.16	6.393	0.8783	59	-0.73763	0.46074				0.72727	0.54117	0.91337	0.1066	2.132	0.03301	

**Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3**

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test									
	Hourly Wage						Hourly Wage						t Value	DF	T_Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Con-fidence Int.	Upper Con-fidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>				
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																			
PIPR10-Public Relations Supervisor (Public Relations Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																			
<b>PSAI (Academy Instructor)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>7</b>	<b>\$34.90</b>	<b>\$30.71</b>	<b>\$41.15</b>	<b>4.6631</b>	<b>1.76249</b>																			
PSAI09-Law Enforcement Academy Instructor (Criminal Justice & Law Enforcement Teachers, Postsecondary)	N/D	N/D	N/D	N/D	N/D	N/D	4	\$31.30	\$30.71	\$32.37	0.7862	0.3931																			
PSAI10-Law Enforcement Academy Supervisor (Criminal Justice & Law Enforcement Teachers, Postsecondary)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																			
PSAI11-Law Enforcement Academy Program Manager (Detectives & Criminal Investigators)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																			
<b>PSCI (Criminal Investigation)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>8</b>	<b>\$68.79</b>	<b>\$29.65</b>	<b>\$222.72</b>	<b>69.98</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
PSCI09-Criminal Investigator (Detectives & Criminal Investigators)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																			
PSCI11-Criminal Investigation Supervisor (First-Line Supervisors/Managers of Police & Detectives)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																			
<b>M PSCJ (Criminal Justice Information)</b>	<b>10</b>	<b>\$23.01</b>	<b>\$21.73</b>	<b>\$25.76</b>	<b>1.4359</b>	<b>0.4541</b>	<b>3</b>	<b>\$28.94</b>	<b>\$25.53</b>	<b>\$30.92</b>	<b>2.9667</b>	<b>1.7128</b>	<b>-3.35</b>	<b>2.289</b>	<b>0.0654</b>	<b>34</b>	<b>2.20043</b>	<b>0.02778</b>	<b>\$5.93</b>	<b>\$0.80</b>	<b>\$12,331</b>	<b>0.76923</b>	<b>0.5402</b>	<b>0.99826</b>	<b>0.13868</b>	<b>1.9415</b>	<b>0.0522</b>				
PSCJ07-Criminal Justice Records Analyst (Archivists)	9	\$22.71	\$21.73	\$25.53	1.127	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	0	0	0													
PSCJ08-Control Terminal CJIS Specialist (Network & Computer Systems Admini)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																			
PSCJ10-CJIS Program Supervisor (Database Administrators)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																			
<b>PSDI (Dispatch)</b>	<b>29</b>	<b>\$25.64</b>	<b>\$16.64</b>	<b>\$36.20</b>	<b>4.8739</b>	<b>0.9051</b>	<b>9</b>	<b>\$23.14</b>	<b>\$16.40</b>	<b>\$28.28</b>	<b>3.4501</b>	<b>1.15002</b>	<b>1.71</b>	<b>18.907</b>	<b>0.1045</b>	<b>130</b>	<b>-1.56225</b>	<b>0.11823</b>				<b>0.76316</b>	<b>0.62798</b>	<b>0.89833</b>	<b>0.08111</b>	<b>3.2444</b>	<b>0.00118</b>				
PSDI04-Highway Patrol Dispatcher I (Police, Fire, & Ambulance Dispatchers)	3	\$16.90	\$16.64	\$17.19	0.28	0.1614	N/D	N/D	N/D	N/D	N/D	N/D																			
PSDI06-Highway Patrol Dispatcher II (Police, Fire, & Ambulance Dispatchers)	20	\$25.27	\$20.71	\$31.78	3.047	0.6814	7	\$24.46	\$21.61	\$28.28	2.2862	0.8641	0.73	14.064	0.4762	88	-0.55328	0.58007				0.74074	0.57544	0.90604	0.09623	2.5019	0.01235				
PSDI07-Highway Patrol Dispatch Trainer (First-Line Supervisors/Managers of Office & Administrative Support Workers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																			
PSDI08-Highway Patrol Dispatch Supervisor (First-Line Supervisors/Managers of Office & Administrative Support Workers)	4	\$30.80	\$27.80	\$36.20	3.741	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	0	0	0													
PSDI10-Highway Patrol Dispatch Program Manager (Protective Service Workers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																			
<b>PSEP (Emergency Preparedness)</b>	<b>7</b>	<b>\$30.61</b>	<b>\$23.68</b>	<b>\$43.54</b>	<b>6.9636</b>	<b>2.632</b>	<b>12</b>	<b>\$29.56</b>	<b>\$24.48</b>	<b>\$36.88</b>	<b>3.5477</b>	<b>1.02414</b>	<b>0.37</b>	<b>7.856</b>	<b>0.7206</b>	<b>69</b>	<b>-0.08452</b>	<b>0.93265</b>				<b>0.36842</b>	<b>0.15152</b>	<b>0.58532</b>	<b>0.11471</b>	<b>-1.1471</b>	<b>0.25135</b>				
PSEP07-Emergency Preparedness Technician (Protective Service Workers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																			
PSEP08-Emergency Preparedness Specialist I (Protective Service Workers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																			
PSEP09-Emergency Preparedness Specialist II (Protective Service Workers, All Other)	3	\$28.12	\$23.68	\$32.59	4.454	2.5718	5	\$29.38	\$26.76	\$36.88	4.2168	1.8858	-0.39	4.1318	0.7132	14	0.14907	0.8815				0.375	0.03953	0.71047	0.17678	-0.7071	0.4795				
PSEP10-Emergency Preparedness Analyst (Protective Service Workers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																			
PSEP11-Senior Emergency Preparedness Analyst (Protective Service Workers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	3	\$32.40	\$31.32	\$33.17	0.964	0.5566																			

Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test						
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	t Value	DF	T_Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>	
PSEP14-Emergency Preparedness Program Manager - Public Health (Emergency Management Directors)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0																
<b>PSES (Law Enforcement Security Officer)</b>	<b>3</b>	<b>\$22.68</b>	<b>\$21.22</b>	<b>\$25.15</b>	<b>2.1478</b>	<b>1.24</b>	<b>14</b>	<b>\$23.20</b>	<b>\$20.50</b>	<b>\$32.20</b>	<b>3.4503</b>	<b>0.92212</b>	<b>-0.33</b>	<b>4.607</b>	<b>0.7525</b>	<b>28</b>	<b>0.12599</b>	<b>0.89974</b>				<b>0.17647</b>	<b>0</b>	<b>0.35769</b>	<b>0.12127</b>	<b>-2.6679</b>	<b>0.00763</b>	
PSES07-Security Officer (Security Guards)	N/D	N/D	N/D	N/D	N/D	N/D	10	\$21.31	\$20.50	\$22.15	0.4296	0.1359																
PSES08-Park Ranger (Protective Service Workers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
PSES09-Park Ranger Supervisor (First-Line Supervisors/Managers, Protective Service Workers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																
<b>PSFC (Forensic Crime Laboratory)</b>	<b>19</b>	<b>\$32.20</b>	<b>\$19.19</b>	<b>\$45.30</b>	<b>8.5201</b>	<b>1.9546</b>	<b>9</b>	<b>\$34.03</b>	<b>\$17.30</b>	<b>\$47.76</b>	<b>10.2412</b>	<b>3.41373</b>	<b>-0.47</b>	<b>13.462</b>	<b>0.6491</b>	<b>140</b>	<b>0.46732</b>	<b>0.64027</b>				<b>0.67857</b>	<b>0.50559</b>	<b>0.85156</b>	<b>0.09449</b>	<b>1.8898</b>	<b>0.05878</b>	
PSFC06-Forensic Evidence Technician (Forensic Science Technicians)	7	\$40.24	\$38.35	\$43.13	1.782	0.6737	N/D	N/D	N/D	N/D	N/D	N/D																
PSFC08-Forensic Specialist (Forensic Science Technicians)	3	\$26.29	\$25.01	\$26.97	1.105	0.6381	3	\$26.90	\$25.31	\$28.83	1.7842	1.0301	-0.5	3.3379	0.6457	10	-0.21822	0.82726				0.5	0.09992	0.90008	0.20412	0	1	
PSFC09-Forensic Analyst (Forensic Science Technicians)	4	\$30.75	\$28.92	\$32.22	1.707	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	.	.	.				.	.	.	.	.	.	
PSFC10-Senior Forensic Analyst (Forensic Science Technicians)	7	\$40.24	\$38.35	\$43.13	1.782	0.6737	N/D	N/D	N/D	N/D	N/D	N/D																
PSFC12-Principal Forensic Analyst (Forensic Science Technicians)	N/D	N/D	N/D	N/D	N/D	N/D	3	\$44.86	\$41.02	\$47.76	3.4666	2.0014																
<b>PSFF (Firefighting)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>36</b>	<b>\$27.31</b>	<b>\$20.83</b>	<b>\$41.06</b>	<b>5.681</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	.	.	.				.	.	.	.	.	.	
PSFF04-Firefighter I (Fire Fighters)	0	\$0.00	\$0.00	\$0.00	0	0	15	\$22.95	\$20.83	\$27.01	1.441	0	0	0	0	.	.	.				.	.	.	.	.	.	
PSFF05-Firefighter II (Fire Fighters)	0	\$0.00	\$0.00	\$0.00	0	0	11	\$26.81	\$24.41	\$28.38	1.197	0	0	0	0	.	.	.				.	.	.	.	.	.	
PSFF07-Senior Firefighter (Fire Fighters)	0	\$0.00	\$0.00	\$0.00	0	0	5	\$29.66	\$23.31	\$32.94	3.794	0	0	0	0	.	.	.				.	.	.	.	.	.	
PSFF09-Fire Services Supervisor (First-Line Supervisors/Managers of Fire Fighting & Prevention Workers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																
PSFF10-Fire Services Mmanager (First-Line Supervisors/Managers of Fire Fighting & Prevention Workers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																
<b>PSFI (Fingerprinting)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>																
PSFI07-Fingerprint Examiner (Forensic Science Technicians)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
<b>PSHM (Highway Patrol Management)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>36</b>	<b>\$49.12</b>	<b>\$41.32</b>	<b>\$65.06</b>	<b>5.4707</b>	<b>0.91178</b>																
PSHM09-Highway Patrol Sergeant (First-Line Supervisors/Managers of Police & Detectives)	0	\$0.00	\$0.00	\$0.00	0	0	5	\$49.30	\$45.91	\$54.82	3.921	0	0	0	0	.	.	.				.	.	.	.	.	.	
PSHM11-Highway Patrol Lieutenant (First-Line Supervisors/Managers of Police & Detectives)	N/D	N/D	N/D	N/D	N/D	N/D	20	\$50.01	\$41.32	\$65.06	6.3836	1.4274																
PSHM12-Highway Patrol Captain (First-Line Supervisors/Managers of Police & Detectives)	0	\$0.00	\$0.00	\$0.00	0	0	8	\$45.21	\$44.32	\$47.69	1.07	0	0	0	0	.	.	.				.	.	.	.	.	.	
PSHM14-Highway Patrol Major (First-Line Supervisors/Managers of Police & Detectives)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																
PSHM16-Highway Patrol Lieutenant Colonel (First-Line Supervisors/Managers of Police & Detectives)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																
<b>PSHP (Highway Patrol)</b>	<b>7</b>	<b>\$34.59</b>	<b>\$21.21</b>	<b>\$46.12</b>	<b>9.5196</b>	<b>3.5981</b>	<b>126</b>	<b>\$36.77</b>	<b>\$9.18</b>	<b>\$58.74</b>	<b>9.4357</b>	<b>0.84059</b>	<b>-0.59</b>	<b>6.672</b>	<b>0.5743</b>	<b>408</b>	<b>-0.61466</b>	<b>0.53878</b>				<b>0.05263</b>	<b>0.01468</b>	<b>0.09058</b>	<b>0.04336</b>	<b>-10.3186</b>	<b>&lt;0.0001</b>	
PSHP07-Highway Patrol Trooper I (Police & Sheriff's Patrol Officers)	3	\$25.49	\$21.21	\$31.85	5.618	3.2436	30	\$24.64	\$9.78	\$32.15	4.6758	0.8537	0.25	2.2859	0.8218	47	-0.25051	0.80219				0.09091	0	0.18899	0.08704	-4.7001	<0.0001	
PSHP08-Highway Patrol Trooper II (Police & Sheriff's Patrol Officers)	N/D	N/D	N/D	N/D	N/D	N/D	62	\$38.41	\$22.53	\$54.49	5.1126	0.6493																
PSHP09-Highway Patrol Trooper III (Police & Sheriff's Patrol Officers)	N/D	N/D	N/D	N/D	N/D	N/D	34	\$44.48	\$9.18	\$58.74	8.3444	1.4311																
<b>PSIA (Investigators)</b>	<b>3</b>	<b>\$25.50</b>	<b>\$25.25</b>	<b>\$25.79</b>	<b>0.269</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	.	.	.				.	.	.	.	.	.	

Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test					
	N	Hourly Wage			Std Dev (Ttest)	Std Error (Ttest)	N	Hourly Wage			Std Dev (Ttest)	Std Error (Ttest)	t Value	DF	T Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>
PSIA09-Intelligence Analyst (Detectives & Criminal Investigators)	3	\$25.50	\$25.25	\$25.79	0.269	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	0											
<b>PSIN (Investigators)</b>	<b>13</b>	<b>\$28.27</b>	<b>\$23.08</b>	<b>\$42.18</b>	<b>5.7369</b>	<b>1.5911</b>	<b>8</b>	<b>\$33.19</b>	<b>\$25.71</b>	<b>\$45.98</b>	<b>6.4377</b>	<b>2.27605</b>	<b>-1.77</b>	<b>13.617</b>	<b>0.0988</b>	<b>111</b>	<b>1.66568</b>	<b>0.09578</b>				<b>0.61905</b>	<b>0.41135</b>	<b>0.82675</b>	<b>0.10911</b>	<b>1.0911</b>	<b>0.27523</b>
PSIN09-Investigator (Detectives & Criminal Investigators)	9	\$24.92	\$23.08	\$26.33	1.179	0.393	N/D	N/D	N/D	N/D	N/D	N/D															
PSIN10-Senior Investigator (Detectives & Criminal Investigators)	N/D	N/D	N/D	N/D	N/D	N/D	6	\$32.31	\$28.85	\$39.29	3.6287	1.4814															
PSIN11-Investigation Supervisor (First-Line Supervisors/Managers of Police & Detectives)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>PSPE (Port of Entry)</b>	<b>35</b>	<b>\$20.85</b>	<b>\$9.23</b>	<b>\$36.26</b>	<b>5.8479</b>	<b>0.9885</b>	<b>46</b>	<b>\$19.58</b>	<b>\$15.24</b>	<b>\$30.54</b>	<b>4.519</b>	<b>0.66629</b>	<b>1.06</b>	<b>62.212</b>	<b>0.2917</b>	<b>1545</b>	<b>1.04873</b>	<b>0.2943</b>				<b>0.4321</b>	<b>0.32422</b>	<b>0.53998</b>	<b>0.05556</b>	<b>-1.2222</b>	<b>0.22162</b>
PSPE04-Port of Entry Assistant I (Transportation Inspectors)	12	\$15.27	\$9.23	\$16.89	1.952	0.5635	25	\$16.07	\$15.24	\$18.45	0.7936	0.1587	-1.37	12.778	0.1948	198	-0.97333	0.33039				0.32432	0.17349	0.47516	0.0822	-2.1372	0.03258
PSPE05-Port of Entry Assistant II (Transportation Inspectors)	10	\$19.33	\$18.02	\$20.99	1.189	0.376	7	\$20.64	\$18.30	\$23.99	2.2316	0.8435	-1.41	8.4001	0.1946	79	1.56144	0.11842				0.58824	0.35428	0.82219	0.12127	0.7276	0.46685
PSPE06-Port of Entry Specialist (Transportation Inspectors)	N/D	N/D	N/D	N/D	N/D	N/D	6	\$22.99	\$21.16	\$24.41	1.2423	0.5072															
PSPE07-Port of Entry Supervisor (First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
PSPE08-Port of Entry Supervisor (First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators)	7	\$26.69	\$24.81	\$29.05	1.778	0.6719	6	\$27.09	\$25.49	\$28.33	1.2363	0.5047	-0.49	10.623	0.6367	45	0.42857	0.66824				0.53846	0.26747	0.80945	0.13868	0.2774	0.78151
PSPE09-Port of Entry Manager - Dual State Port (First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
PSPE10-Port of Entry Quality Control Analyst (Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
<b>PSSA (Special Agent)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>34</b>	<b>\$41.12</b>	<b>\$33.46</b>	<b>\$55.38</b>	<b>5.36</b>	<b>0.91923</b>															
PSSA10-Special Agent I (Detectives & Criminal Investigators)	N/D	N/D	N/D	N/D	N/D	N/D	18	\$38.20	\$33.46	\$43.27	2.5465	0.6002															
PSSA11-Special Agent II (Detectives & Criminal Investigators)	0	\$0.00	\$0.00	\$0.00	0	0	7	\$39.74	\$34.90	\$44.02	3.174	0	0	0	0												
PSSA12-Special Agent Supervisor (First-Line Supervisors/Managers of Police & Detectives)	N/D	N/D	N/D	N/D	N/D	N/D	6	\$46.40	\$42.32	\$55.38	4.7949	1.9575															
PSSA13-Special Agent Program Manager (First-Line Supervisors/Managers of Police & Detectives)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
PSSA14-Special Agent Manager (Managers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>PSSG (Security Guard)</b>	<b>7</b>	<b>\$18.00</b>	<b>\$16.36</b>	<b>\$20.15</b>	<b>1.4375</b>	<b>0.5433</b>	<b>26</b>	<b>\$19.40</b>	<b>\$15.74</b>	<b>\$28.43</b>	<b>3.3783</b>	<b>0.66253</b>	<b>-1.63</b>	<b>24.244</b>	<b>0.1158</b>	<b>105</b>	<b>-0.61651</b>	<b>0.53755</b>				<b>0.21212</b>	<b>0.07264</b>	<b>0.3516</b>	<b>0.08704</b>	<b>-3.3075</b>	<b>0.00094</b>
PSSG02-Shuttle Driver (Taxi Drivers & Chauffeurs)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
PSSG04-Security Guard II (Security Guards)	7	\$18.00	\$16.36	\$20.15	1.438	0.5433	22	\$19.00	\$15.74	\$28.43	3.0892	0.6586	-1.17	22.628	0.2524	97	-0.40772	0.68348				0.24138	0.08564	0.39712	0.09285	-2.7854	0.00535
PSSG05-Security Guard Supervisor (First-Line Supervisors/Managers, Protective Service Workers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
PSSG07-Security Guard Manager - State Hospital (First-Line Supervisors/Managers, Protective Service Workers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>M REGS (Unknown)</b>	<b>18</b>	<b>\$33.30</b>	<b>\$11.87</b>	<b>\$52.42</b>	<b>10.5506</b>	<b>2.4868</b>	<b>18</b>	<b>\$46.53</b>	<b>\$24.04</b>	<b>\$79.64</b>	<b>15.5848</b>	<b>3.67336</b>	<b>-2.98</b>	<b>29.877</b>	<b>0.0056</b>	<b>254</b>	<b>-2.49961</b>	<b>0.01243</b>	<b>\$13.23</b>	<b>\$0.72</b>	<b>\$27,526</b>	<b>0.5</b>	<b>0.33667</b>	<b>0.66333</b>	<b>0.08333</b>	<b>0</b>	<b>1</b>

Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test					
	Hourly Wage						Hourly Wage						t Value	DF	T Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)															
M REGS -REGULAR LEGISLATIVE SERVICES STAFF (Business Operations Specialists, All Other)	18	\$33.30	\$11.87	\$52.42	10.551	2.4868	18	\$46.53	\$24.04	\$79.64	15.5848	3.6734	-2.98	29.877	0.0056	254	-2.49961	0.01243	\$13.23	\$0.72	\$27,526	.	.	.	.	.	.
<b>SOAP (Adult Probation &amp; Parole)</b>	<b>85</b>	<b>\$23.51</b>	<b>\$13.71</b>	<b>\$41.92</b>	<b>4.2775</b>	<b>0.464</b>	<b>36</b>	<b>\$25.50</b>	<b>\$19.70</b>	<b>\$41.92</b>	<b>6.6153</b>	<b>1.10255</b>	<b>-1.67</b>	<b>47.867</b>	<b>0.102</b>	<b>2431</b>	<b>1.33237</b>	<b>0.18274</b>				<b>0.70248</b>	<b>0.62102</b>	<b>0.78394</b>	<b>0.04545</b>	<b>4.4545</b>	<b>0.00001</b>
SOAP06-Interstate Compact Specialist (Probation Officers & Correctional Treatment Specialists)	6	\$19.71	\$17.33	\$20.89	1.236	0.5045	N/D	N/D	N/D	N/D	N/D	N/D															
SOAP08-Adult Probation & Parole Officer (Probation Officers & Correctional Treatment Specialists)	69	\$22.46	\$13.71	\$28.62	2.2	0.2648	29	\$22.80	\$20.56	\$25.80	1.5725	0.292	-0.87	72.74	0.3891	1525.5	0.70049	0.48362				0.70408	0.61371	0.79445	0.05051	4.0406	0.00005
SOAP10-Adult Probation & Parole Supervisor (Probation Officers & Correctional Treatment Specialists)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
M SOAP11-Adult Probation & Parole Manager (Social & Community Service Managers)	9	\$33.73	\$30.76	\$41.92	3.296	1.0988	4	\$39.02	\$35.62	\$41.92	3.2589	1.6295	-2.69	5.8916	0.0365	42.5	2.24668	0.02466	\$5.29	\$0.86	\$11,011	0.69231	0.44142	0.9432	0.13868	1.3868	0.16552
SOAP12-Adult Probation & Parole Regional Manager (Social & Community Service Managers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>SOCP (Social Services Program)</b>	<b>12</b>	<b>\$26.66</b>	<b>\$19.88</b>	<b>\$32.57</b>	<b>3.036</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	.	.	.				.	.	.	.	.	.
SOCP09-Senior Social Worker (Child, Family, & School Social Workers)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
SOCP10-Social Work Supervisor (Child, Family, & School Social Workers)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
<b>SOCW (Caseworker)</b>	<b>46</b>	<b>\$24.12</b>	<b>\$15.98</b>	<b>\$36.59</b>	<b>3.4539</b>	<b>0.5093</b>	<b>18</b>	<b>\$24.59</b>	<b>\$20.81</b>	<b>\$33.64</b>	<b>3.5547</b>	<b>0.83786</b>	<b>-0.48</b>	<b>30.317</b>	<b>0.6326</b>	<b>602</b>	<b>0.25384</b>	<b>0.79962</b>				<b>0.71875</b>	<b>0.6086</b>	<b>0.8289</b>	<b>0.0625</b>	<b>3.5</b>	<b>0.00047</b>
SOCW08-Caseworker (Social Workers, All Other)	39	\$23.17	\$15.98	\$26.83	2.219	0.3553	12	\$22.99	\$20.81	\$25.11	1.571	0.4535	0.3	25.834	0.7652	299	-0.28868	0.77283				0.76471	0.64829	0.88112	0.07001	3.7808	0.00016
SOCW09-Senior Caseworker (Social Workers, All Other)	4	\$26.12	\$25.08	\$26.66	0.72	0.36	4	\$24.99	\$24.39	\$26.22	0.8312	0.4156	2.06	5.8805	0.0864	12	-1.73205	0.08326				0.5	0.15352	0.84648	0.17678	0	1
SOCW10-Casework Supervisor (Social Workers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
SOCW11-Casework Manager I (Social Workers, All Other)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>SOLC (Licensed Counseling)</b>	<b>9</b>	<b>\$27.83</b>	<b>\$22.50</b>	<b>\$31.10</b>	<b>3.0397</b>	<b>1.0132</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>															
SOLC08-Certified Practitioner (Mental Health Counselors)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
SOLC10-Principal Licensed Counselor (Mental Health Counselors)	7	\$27.97	\$22.50	\$30.38	2.731	1.0323	N/D	N/D	N/D	N/D	N/D	N/D															
SOLC11-Clinical Director (Mental Health Counselors)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
<b>SOMC (Medical Case Management)</b>	<b>12</b>	<b>\$35.91</b>	<b>\$19.31</b>	<b>\$38.85</b>	<b>5.334</b>	<b>0</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	.	.	.				.	.	.	.	.	.
SOMC10-RN - Medical Case Reviewer (Registered Nurses)	11	\$35.65	\$19.31	\$38.81	5.51	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	.	.	.				.	.	.	.	.	.
SOMC11-RN - Medical Case Supervisor (Registered Nurses)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
SORS (Religious Services)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
SORS10-Religious Consultant (Clergy)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>M SOS (Social Services Program)*</b>	<b>166</b>	<b>\$23.34</b>	<b>\$8.84</b>	<b>\$41.29</b>	<b>5.5529</b>	<b>0.431</b>	<b>45</b>	<b>\$26.55</b>	<b>\$13.99</b>	<b>\$42.44</b>	<b>5.9076</b>	<b>0.88066</b>	<b>-3.28</b>	<b>66.582</b>	<b>0.0017</b>	<b>5888.5</b>	<b>3.07901</b>	<b>0.00208</b>	<b>\$3.21</b>	<b>\$0.88</b>	<b>\$6,684</b>	<b>0.78673</b>	<b>0.73146</b>	<b>0.842</b>	<b>0.03442</b>	<b>8.33</b>	<b>&lt;0.0001</b>
SOSP03-Social Services Aide (Social & Human Service Assistants)	13	\$11.44	\$8.84	\$15.04	1.87	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0	.	.	.				.	.	.	.	.	.
SOSP08-Social Services Worker (Child, Family, & School Social Workers)	113	\$22.25	\$14.15	\$27.70	2.222	0.209	27	\$22.56	\$13.99	\$25.98	2.3427	0.4508	-0.63	37.967	0.535	2105.5	1.06695	0.28599				0.80714	0.74179	0.8725	0.04226	7.2683	<0.0001
SOSP09-Social Services Program Analyst (Community & Social Service Specialists, All Other)	7	\$28.16	\$26.42	\$30.46	1.269	0.4798	N/D	N/D	N/D	N/D	N/D	N/D															
SOSP10-Social Services Program Supervisor (Community & Social Service Specialists, All Other)	28	\$29.27	\$20.10	\$33.01	2.317	0.4379	10	\$30.46	\$27.20	\$33.01	1.6038	0.5072	-1.79	23.137	0.0874	250	1.82533	0.06795				0.73684	0.59683	0.87685	0.08111	2.92	0.0035



Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test					
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	t Value	DF	T_Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>
SOSP11-Social Services Program Manager I (Social & Community Service Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
SOSP12-Social Services Program Manager II (Social & Community Service Managers)	5	\$38.88	\$37.72	\$41.29	1.473	0.6588	5	\$38.56	\$36.81	\$42.44	2.2204	0.993	0.27	6.9495	0.7946	30.5	0.62859	0.52962				0.5	0.1901	0.8099	0.15811	0	1
<b>SOVR (Vocational Rehabilitation)</b>	<b>28</b>	<b>\$26.93</b>	<b>\$23.82</b>	<b>\$33.72</b>	<b>3.3299</b>	<b>0.6293</b>	<b>7</b>	<b>\$30.78</b>	<b>\$23.82</b>	<b>\$40.51</b>	<b>6.4189</b>	<b>2.42613</b>	<b>-1.54</b>	<b>6.828</b>	<b>0.1695</b>	<b>164</b>	<b>1.57662</b>	<b>0.11488</b>				<b>0.8</b>	<b>0.66748</b>	<b>0.93252</b>	<b>0.08452</b>	<b>3.5496</b>	<b>0.00039</b>
SOVR09-Vocational Rehabilitation Counselor (Rehabilitation Counselors)	20	\$25.15	\$23.82	\$28.58	1.778	0.3975	4	\$26.00	\$23.82	\$28.62	2.0588	1.0294	-0.76	3.9475	0.4878	62	0.9474	0.34344				0.83333	0.68423	0.98243	0.10206	3.266	0.00109
SOVR10-Vocational Rehabilitation Consultant (Rehabilitation Counselors)	5	\$30.95	\$29.30	\$33.72	1.801	0	0	\$0.00	\$0.00	\$0.00	0	0	0	0	0												
SOVR11-Vocational Rehabilitation Supervisor (Rehabilitation Counselors)	3	\$32.07	\$31.32	\$33.57	1.299	0.7501	N/D	N/D	N/D	N/D	N/D	N/D															
SOVR12-Principal Vocational Rehabilitation Coordinator (Rehabilitation Counselors)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
SOVR13-Vocational Rehabilitation Program Manager (Social & Community Service Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>SOVS (Victim/Client Services)</b>	<b>10</b>	<b>\$38.18</b>	<b>\$20.50</b>	<b>\$165.54</b>	<b>44.8459</b>	<b>14.1815</b>	<b>8</b>	<b>\$25.70</b>	<b>\$21.05</b>	<b>\$30.23</b>	<b>3.8294</b>	<b>1.3539</b>	<b>0.88</b>	<b>9.164</b>	<b>0.4036</b>	<b>81</b>	<b>0.44449</b>	<b>0.65669</b>				<b>0.55556</b>	<b>0.326</b>	<b>0.78511</b>	<b>0.11785</b>	<b>0.4714</b>	<b>0.63735</b>
SOVS07-Victim Services Notification Specialist (Social Workers, All Other)	3	\$21.83	\$21.06	\$22.48	0.72	0.4158	3	\$21.39	\$21.05	\$22.06	0.5819	0.3359	0.83	3.8308	0.4552	8	-1.09109	0.27523				0.5	0.09992	0.90008	0.20412	0	1
SOVS08-Victim Services Advocate (Social Workers, All Other)	3	\$69.13	\$20.50	\$165.54	83.49	48.2028	N/D	N/D	N/D	N/D	N/D	N/D															
SOVS09-Victim Services Program Coordinator (Social Workers, All Other)	4	\$27.22	\$26.20	\$27.66	0.694	0.3472	N/D	N/D	N/D	N/D	N/D	N/D															
SOVS10-Victim Services Supervisor (Social Workers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>SOYS (Youth Services)</b>	<b>36</b>	<b>\$20.00</b>	<b>\$13.41</b>	<b>\$29.40</b>	<b>3.7137</b>	<b>0.6189</b>	<b>63</b>	<b>\$20.17</b>	<b>\$13.68</b>	<b>\$29.70</b>	<b>3.903</b>	<b>0.49174</b>	<b>-0.21</b>	<b>76.028</b>	<b>0.8332</b>	<b>1788</b>	<b>-0.08729</b>	<b>0.93044</b>				<b>0.36364</b>	<b>0.26888</b>	<b>0.45839</b>	<b>0.05025</b>	<b>-2.7136</b>	<b>0.00666</b>
SOYS03-Youth Services Security Officer (Security Guards)	7	\$16.46	\$13.41	\$20.23	2.663	1.0065	12	\$16.32	\$13.68	\$18.57	1.6981	0.4902	0.12	8.9106	0.9072	71	0.08452	0.93265				0.36842	0.15152	0.58532	0.11471	-1.1471	0.25135
SOYS04-Youth Services Security Officer (Security Guards)	N/D	N/D	N/D	N/D	N/D	N/D	9	\$17.53	\$14.57	\$20.64	2.005	0.6683															
SOYS05-Youth Services Specialist I (Social & Human Service Assistants)	4	\$17.71	\$16.99	\$18.61	0.795	0.3977	6	\$18.22	\$17.40	\$19.14	0.7171	0.2928	-1.02	6.0635	0.3449	18	-0.8528	0.39377				0.4	0.09636	0.70364	0.15811	-0.6325	0.52709
SOYS06-Youth Services Specialist II (Social & Human Service Assistants)	20	\$20.18	\$17.40	\$23.70	2.17	0.4853	29	\$20.89	\$18.34	\$23.37	1.5619	0.29	-1.27	32.21	0.2143	431	-1.40373	0.1604				0.40816	0.27055	0.54578	0.07143	-1.2857	0.19854
SOYS07-Senior Youth Services Specialist (Social & Human Service Assistants)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
SOYS09-Youth Services Supervisor (Social & Human Service Assistants)	3	\$28.72	\$28.28	\$29.40	0.593	0.3423	7	\$28.84	\$27.06	\$29.70	0.8725	0.3298	-0.26	5.7762	0.8067	13	-0.79772	0.42503				0.3	0.01597	0.58403	0.15811	-1.2649	0.2059
<b>TDAE (Aeronautics)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>															
TDAE07-Aircraft Hangar Coordinator (Transportation Workers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
TDAE10-Aircraft Maintenance Supervisor (Aircraft Mechanc & Serv Tech, FAA)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>M TDBG (Building &amp; Grounds)*</b>	<b>36</b>	<b>\$14.61</b>	<b>\$9.98</b>	<b>\$25.11</b>	<b>4.9817</b>	<b>0.8303</b>	<b>106</b>	<b>\$18.30</b>	<b>\$10.20</b>	<b>\$33.41</b>	<b>6.023</b>	<b>0.585</b>	<b>-3.63</b>	<b>72.427</b>	<b>0.0005</b>	<b>1836.5</b>	<b>-3.45848</b>	<b>0.00054</b>				<b>0.25352</b>	<b>0.18197</b>	<b>0.32507</b>	<b>0.04196</b>	<b>-5.8743</b>	<b>&lt;0.0001</b>
TDBG01-Buildings & Grounds Assistant I (Janitors & Cleaners, Except Maids & Housekeeping Cleaners)	23	\$11.99	\$10.29	\$15.02	1.435	0.2992	30	\$11.66	\$10.20	\$15.08	1.1358	0.2074	0.9	41.028	0.3736	664.5	0.78076	0.43494				0.43396	0.30053	0.56739	0.06868	-0.9615	0.33629
TDBG03-Buildings & Grounds Assistant II (Janitors & Cleaners, Except Maids & Housekeeping Cleaners)*	4	\$13.34	\$9.98	\$15.56	2.375	1.1875	18	\$16.68	\$13.39	\$19.53	1.9607	0.4621	-2.62	3.9616	0.0593	20	-2.21389	0.02684				0.18182	0.02065	0.34299	0.1066	-2.9848	0.00284
TDBG05-Buildings & Grounds Specialist (Maintenance & Repair Workers, Gen)	N/D	N/D	N/D	N/D	N/D	N/D	27	\$17.72	\$13.05	\$19.56	1.1773	0.2266															

Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test							
	Hourly Wage						Hourly Wage						t Value	DF	T Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>		
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																	
TDBG07-Senior Buildings & Grounds Specialist (Maintenance & Repair Workers, Gen)	N/D	N/D	N/D	N/D	N/D	N/D	9	\$23.39	\$20.98	\$25.48	1.55	0.5167																	
TDBG08-Buildings & Grounds Supervisor I (First-Line Supervisors/Managers of Construction Trades & Extraction Workers)	7	\$22.56	\$11.54	\$25.11	4.874	1.8422	12	\$24.51	\$23.04	\$25.60	0.8398	0.2424	-1.05	6.2086	0.3343	57	-1.0987	0.2719				0.36842	0.15152	0.58532	0.11471	-1.1471	0.25135		
TDBG10-Buildings & Grounds Supervisor II (First-Line Supervisors/Managers of Construction Trades & Extraction Workers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
TDBG11-Buildings & Grounds Manager (Construction Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>TDCA (Carpenter)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>\$21.57</b>	<b>\$15.87</b>	<b>\$31.16</b>	<b>4.504</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
TDCA05-Carpenter (Carpenters)	0	\$0.00	\$0.00	\$0.00	0	0	6	\$18.15	\$15.87	\$20.28	1.426	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TDCA07-Senior Carpenter (Carpenters)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
TDCA10-Carpentry Supervisor (First-Line Supervisors/Managers of Construction Trades & Extraction Workers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>TDEL (Electrician)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>\$26.17</b>	<b>\$18.88</b>	<b>\$34.10</b>	<b>3.749</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
TDEL05-Electrician (Electricians)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
TDEL07-Senior Electrician (Electricians)	0	\$0.00	\$0.00	\$0.00	0	0	8	\$25.40	\$24.82	\$25.98	0.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TDEL08-Electrical Supervisor I (Electricians)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
TDEL09-Electrical Supervisor II (First-Line Supervisors/Managers of Construction Trades & Extraction Workers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
TDEL11-Electrical Manager (First-Line Supervisors/Managers of Construction Trades & Extraction Workers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>TDFA (Fabricator)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>13</b>	<b>\$23.69</b>	<b>\$18.48</b>	<b>\$29.87</b>	<b>3.103</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
TDFA04-Sign Fabricator (Structural Metal Fabricators & Fitters)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
TDFA06-Fabricator (Mobile Heavy Equipment Mechanics, Except Engines)	0	\$0.00	\$0.00	\$0.00	0	0	8	\$22.60	\$18.48	\$24.40	2.102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TDFA07-Senior Fabricator (Mobile Heavy Equipment Mechanics, Except Engines)	0	\$0.00	\$0.00	\$0.00	0	0	3	\$26.04	\$25.62	\$26.59	0.499	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TDFA09-Fabrication Supervisor (First-Line Supervisors/Managers of Production & Operating Workers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																	
<b>TDHM (Heavy Mechanic)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>95</b>	<b>\$25.78</b>	<b>\$15.12</b>	<b>\$40.79</b>	<b>5.557</b>	<b>0.57014</b>																	
TDHM06-Heavy Mechanic (Mobile Heavy Equipment Mechanics, Except Engines)	N/D	N/D	N/D	N/D	N/D	N/D	45	\$21.27	\$15.12	\$25.55	2.0692	0.3085																	
TDHM07-Senior Heavy Mechanic (Mobile Heavy Equipment Mechanics, Except Engines)	0	\$0.00	\$0.00	\$0.00	0	0	22	\$26.66	\$22.92	\$36.79	3.448	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TDHM08-Heavy Mechanic Supervisor I (First-Line Supervisors/Managers of Mechanics, Installers, & Repairers)	0	\$0.00	\$0.00	\$0.00	0	0	5	\$28.19	\$26.99	\$29.68	1.027	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TDHM09-Heavy Mechanic Supervisor II (First-Line Supervisors/Managers of Mechanics, Installers, & Repairers)	0	\$0.00	\$0.00	\$0.00	0	0	16	\$31.47	\$29.45	\$33.01	1.246	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test												
	Hourly Wage						Hourly Wage						t Value	DF	T_Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>							
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																						
TDHM10-Equipment Program Coordinator - Transportation (First-Line Supervisors/Managers of Mechanics, Installers, & Repairers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																						
TDHM11-District Equipment Manager - Transportation (Transportation, Storage, & Distribution Managers)	0	\$0.00	\$0.00	\$0.00	0	0	5	\$37.38	\$36.23	\$38.24	0.724	0	0	0																				
TDHM12-Equipment Program Manager - Transportation (Transportation, Storage, & Distribution Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																						
<b>TDHV (HVAC)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>17</b>	<b>\$24.21</b>	<b>\$19.27</b>	<b>\$35.84</b>	<b>3.913</b>	<b>0</b>	<b>0</b>	<b>0</b>																				
TDHV05-HVAC Specialist (Heating, Air Conditioning, & Refrigeration Mechanics & Installers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																						
TDHV07-Senior HVAC Specialist (Heating, Air Conditioning, & Refrigeration Mechanics & Installers)	0	\$0.00	\$0.00	\$0.00	0	0	11	\$25.48	\$22.90	\$35.84	3.777	0	0	0																				
TDHV08-HVAC Supervisor (First-Line Supervisors/Managers of Mechanics, Installers, & Repairers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																						
<b>TDLO (Locksmith)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>																						
TDLO06-Correctional Locksmith (Locksmiths & Safe Repairers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																						
<b>TDME (Mechanic)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>21</b>	<b>\$20.89</b>	<b>\$13.47</b>	<b>\$29.65</b>	<b>3.9847</b>	<b>0.86953</b>																						
TDME05-Mechanic (Automotive Service Technicians & Mechanics)	N/D	N/D	N/D	N/D	N/D	N/D	11	\$18.84	\$13.47	\$29.65	3.9441	1.1892																						
TDME07-Senior Mechanic (Automotive Service Technicians & Mechanics)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																						
TDME10-Mechanic Supervisor (First-Line Supervisors/Managers of Mechanics, Installers, & Repairers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																						
<b>TDPA (Painter)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>\$18.62</b>	<b>\$16.43</b>	<b>\$19.74</b>	<b>1.497</b>	<b>0</b>	<b>0</b>	<b>0</b>																				
TDPA04-Painter (Painters, Construction & Maintenance)	0	\$0.00	\$0.00	\$0.00	0	0	4	\$18.62	\$16.43	\$19.74	1.497	0	0	0																				
<b>TDPL (Plumber)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>\$23.76</b>	<b>\$18.16</b>	<b>\$42.98</b>	<b>5.683</b>	<b>0</b>	<b>0</b>	<b>0</b>																				
TDPL05-Plumber (Plumbers, Pipefitters, & Steamfitters)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																						
TDPL07-Senior Plumber (Plumbers, Pipefitters, & Steamfitters)	0	\$0.00	\$0.00	\$0.00	0	0	10	\$25.23	\$20.28	\$42.98	6.392	0	0	0																				
TDPL08-Plumbing Supervisor (First-Line Supervisors/Managers of Construction Trades & Extraction Workers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																						
<b>TDST (Skilled Trades)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>68</b>	<b>\$28.15</b>	<b>\$13.85</b>	<b>\$50.48</b>	<b>7.666</b>	<b>0</b>	<b>0</b>	<b>0</b>																				
TDST04-Skilled Trades Laborer (Maintenance & Repair Workers, Gen)	0	\$0.00	\$0.00	\$0.00	0	0	4	\$16.60	\$13.85	\$19.87	2.633	0	0	0																				
TDST06-Skilled Trades Specialist (Maintenance & Repair Workers, Gen)	0	\$0.00	\$0.00	\$0.00	0	0	20	\$21.09	\$15.87	\$26.43	2.484	0	0	0																				
TDST08-Skilled Trades Supervisor I (First-Line Supervisors/Managers of Mechanics, Installers, & Repairers)	0	\$0.00	\$0.00	\$0.00	0	0	10	\$28.06	\$23.65	\$50.48	8.027	0	0	0																				
TDST09-Skilled Trades Supervisor II (First-Line Supervisors/Managers of Mechanics, Installers, & Repairers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																						
TDST10-Skilled Trades Manager I (First-Line Supervisors/Managers of Mechanics, Installers, & Repairers)	0	\$0.00	\$0.00	\$0.00	0	0	15	\$31.43	\$29.57	\$36.10	1.858	0	0	0																				

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Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test					
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	t Value	DF	T Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>
TDST11-Skilled Trades Manager II (First-Line Supervisors/Managers of Mechanics, Installers, & Repairers)	0	\$0.00	\$0.00	\$0.00	0	0	7	\$33.10	\$29.08	\$37.22	3.018	0	0	0													
TDST12-Facility Manager (Construction Managers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D	N/D														
TDST13-Construction Manager (Construction Managers)	0	\$0.00	\$0.00	\$0.00	0	0	7	\$39.98	\$38.60	\$41.75	1.144	0	0	0													
<b>TNAU (Staff Technician)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>														
TNAU09-Aeronautics Analyst (Transportation Inspectors)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D	N/D														
<b>M TNCF (Construction &amp; Field Surveying)*</b>	<b>40</b>	<b>\$24.95</b>	<b>\$14.83</b>	<b>\$63.44</b>	<b>10.5415</b>	<b>1.6668</b>	<b>92</b>	<b>\$31.47</b>	<b>\$17.31</b>	<b>\$78.55</b>	<b>10.5297</b>	<b>1.0978</b>	<b>-3.27</b>	<b>74.193</b>	<b>0.0016</b>	<b>1751.5</b>	<b>-4.4985</b>	<b>0.00001</b>	<b>\$6.53</b>	<b>\$0.79</b>	<b>\$13,576</b>	<b>0.30303</b>	<b>0.22463</b>	<b>0.38143</b>	<b>0.04352</b>	<b>-4.526</b>	<b>0.00001</b>
TNCF03-Construction & Field Survey Assistant (Civil Engineering Technicians)	4	\$15.15	\$14.83	\$15.62	0.335	0	N/D	N/D	N/D	N/D	N/D	N/D															
TNCF05-Construction & Field Survey Technician (Civil Engineering Technicians)	13	\$19.87	\$17.31	\$30.09	3.496	0.9695	17	\$22.92	\$17.31	\$33.32	4.7051	1.1412	-2.03	27.99	0.0516	155.5	-1.92561	0.05415				0.43333	0.25601	0.61066	0.09129	-0.7303	0.46521
M TNCF06-Construction & Field Survey Specialist (Civil Engineering Technicians)*	16	\$25.69	\$19.48	\$50.47	7.494	1.8735	38	\$27.27	\$20.92	\$40.30	4.9043	0.7956	-0.78	20.626	0.4464	336	-1.97011	0.04883	\$1.58	\$0.94	\$3,286	0.2963	0.17451	0.41809	0.06804	-2.9938	0.00276
TNCF08-Senior Construction & Field Survey Specialist (Civil Engineering Technicians)	6	\$39.56	\$26.06	\$63.44	16.151	6.5935	33	\$40.82	\$28.60	\$78.55	11.2402	1.9567	-0.18	5.9123	0.8609	99	-0.81742	0.41369				0.15385	0.04061	0.26708	0.08006	-4.3235	0.00002
TNCF09-Construction & Field Survey Analyst (Construction Managers)	N/D	N/D	N/D	N/D	N/D	N/D	3	\$30.85	\$30.27	\$31.14	0.5025	0.2901															
TNCF10-Construction Manager/Land Surveyor (Construction Managers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>TNCM (Construction &amp; Maintenance)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>11</b>	<b>\$23.47</b>	<b>\$18.80</b>	<b>\$41.35</b>	<b>6.448</b>	<b>0</b>															
TNCM05-Construction & Maintenance Technician (Highway Maintenance Workers)	0	\$0.00	\$0.00	\$0.00	0	0	11	\$23.47	\$18.80	\$41.35	6.448	0															
<b>W TNDE (Design)*</b>	<b>4</b>	<b>\$30.13</b>	<b>\$22.95</b>	<b>\$36.71</b>	<b>5.7158</b>	<b>2.8579</b>	<b>31</b>	<b>\$21.70</b>	<b>\$10.59</b>	<b>\$29.76</b>	<b>6.932</b>	<b>1.24502</b>	<b>2.71</b>	<b>4.232</b>	<b>0.0506</b>	<b>115</b>	<b>2.22945</b>	<b>0.02578</b>	<b>-\$8.44</b>	<b>\$1.39</b>	<b>-\$17,547</b>	<b>0.11429</b>	<b>0.00888</b>	<b>0.21969</b>	<b>0.08452</b>	<b>-4.5638</b>	<b>0.00001</b>
TNDE03-Design Assistant (Architectural & Civil Drafters)	0	\$0.00	\$0.00	\$0.00	0	0	5	\$11.60	\$10.59	\$12.42	0.659	0	0	0													
TNDE05-Design Technician (Architectural & Civil Drafters)	0	\$0.00	\$0.00	\$0.00	0	0	7	\$15.53	\$12.21	\$21.38	3.168	0	0	0													
TNDE06-Design Specialist I (Architectural & Civil Drafters)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
TNDE07-Design Specialist II (Architectural & Civil Drafters)	N/D	N/D	N/D	N/D	N/D	N/D	6	\$23.11	\$21.35	\$25.96	1.6688	0.6813															
TNDE09-Senior Design Specialist II (Architectural & Civil Drafters)	N/D	N/D	N/D	N/D	N/D	N/D	13	\$28.25	\$25.85	\$29.76	1.2251	0.3398															
<b>TNDO (Design)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>														
TNDO09-Senior Design Oversight Specialist (Architectural & Civil Drafters)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>TNDR (Drilling)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>\$23.38</b>	<b>\$20.58</b>	<b>\$28.67</b>	<b>3.202</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
TNDR05-Driller Technician (Earth Drillers, Except Oil & Gas)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
TNDR07-Driller (Earth Drillers, Except Oil & Gas)	0	\$0.00	\$0.00	\$0.00	0	0	3	\$22.54	\$21.66	\$23.97	1.246	0	0	0													
TNDR09-Drilling Supervisor (First-Line Supervisors/Managers of Construction Trades & Extraction Workers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>TNFD (Field Data Collection &amp; Lab Analysis)</b>	<b>3</b>	<b>\$21.96</b>	<b>\$18.23</b>	<b>\$27.93</b>	<b>5.2215</b>	<b>3.0146</b>	<b>36</b>	<b>\$23.33</b>	<b>\$18.22</b>	<b>\$34.57</b>	<b>4.3093</b>	<b>0.71821</b>	<b>-0.44</b>	<b>2.233</b>	<b>0.6976</b>	<b>44</b>	<b>-0.84327</b>	<b>0.39908</b>				<b>0.07692</b>	<b>0</b>	<b>0.16055</b>	<b>0.08006</b>	<b>-5.2842</b>	<b>&lt;0.0001</b>
TNFD05-Field Data Collection & Lab Analysis Technician (Construction & Building Inspectors)	N/D	N/D	N/D	N/D	N/D	N/D	8	\$20.20	\$18.22	\$22.75	1.9329	0.6834															

**Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3**

Classification Family Code (Bold), Detailed Classification Code, and SOC Title	Women						Men						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test								
	Hourly Wage						Hourly Wage						t Value	DF	T Prob	Statistic	Z Score	Mann Whitney U Two Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Con- fidence Int.	Upper Con- fidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>			
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)																		
TNFD06-Field Data Collection & Lab Analysis Specialist I (Construction & Building Inspectors)	N/D	N/D	N/D	N/D	N/D	N/D	16	\$21.69	\$18.63	\$26.69	2.3822	0.5955																		
TNFD07-Field Data Collection & Lab Analysis Specialist II (Civil Engineering Technicians)	0	\$0.00	\$0.00	\$0.00	0	0	5	\$23.53	\$21.93	\$25.30	1.544	0		0	0															
TNFD09-Senior Field Data Collection & Lab Analysis Specialist (Civil Engineers)	N/D	N/D	N/D	N/D	N/D	N/D	7	\$30.54	\$27.25	\$34.57	2.6917	1.0174																		
<b>TNHM (Highway Maintenance)</b>	<b>9</b>	<b>\$19.60</b>	<b>\$16.71</b>	<b>\$24.60</b>	<b>2.6905</b>	<b>0.8968</b>	<b>414</b>	<b>\$21.35</b>	<b>\$14.55</b>	<b>\$39.60</b>	<b>4.2575</b>	<b>0.20925</b>	<b>-1.9</b>	<b>8.894</b>	<b>0.0904</b>	<b>1418</b>	<b>-1.35047</b>	<b>0.17687</b>				<b>0.02128</b>	<b>0.00752</b>	<b>0.03503</b>	<b>0.02431</b>	<b>-19.6918</b>	<b>&lt;0.0001</b>			
TNHM05-Highway Maintenance Technician (Highway Maintenance Workers)	7	\$18.45	\$16.71	\$21.68	1.548	0.5852	241	\$19.03	\$14.55	\$25.55	1.7638	0.1136	-0.97	6.4607	0.3657	707	-0.87924	0.37927				0.02823	0.00761	0.04884	0.03175	-14.859	<0.0001			
TNHM06-Highway Maintenance Specialist I (Highway Maintenance Workers)	N/D	N/D	N/D	N/D	N/D	N/D	81	\$21.50	\$18.78	\$26.26	1.7522	0.1947																		
TNHM07-Highway Maintenance Specialist II (Highway Maintenance Workers)	N/D	N/D	N/D	N/D	N/D	N/D	67	\$24.81	\$22.74	\$31.61	1.5418	0.1884																		
TNHM09-Highway Maintenance Supervisor I (First-Line Supervisors/Managers of Construction Trades & Extraction Workers)	0	\$0.00	\$0.00	\$0.00	0	0	8	\$30.24	\$28.43	\$36.80	2.717	0		0	0															
TNHM11-Highway Maintenance Supervisor II (First-Line Supervisors/Managers of Construction Trades & Extraction Workers)	0	\$0.00	\$0.00	\$0.00	0	0	17	\$35.68	\$33.26	\$39.60	2.003	0		0	0															
<b>TNPI (Pilot)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>5</b>	<b>\$33.99</b>	<b>\$32.42</b>	<b>\$38.92</b>	<b>2.773</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>															
TNPI08-Pilot (Commercial Pilots)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																		
TNPI12-Flight Operations Manager (First-Line Supervisors/Managers of Transportation & Material-Moving Machine & Vehicle Operators)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																		
<b>TNPS (Photogrammetry &amp; Survey)</b>	<b>0</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>\$26.59</b>	<b>\$19.47</b>	<b>\$33.26</b>	<b>3.815</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>															
TNPS06-Photogrammetry & Survey Specialist I (Surveying & Mapping Technicians)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																		
TNPS07-Photogrammetry & Survey Specialist II (Surveyors)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D																		
TNPS09-Senior Photogrammetry & Survey Specialist (Cartographers & Photogrammetrists)	0	\$0.00	\$0.00	\$0.00	0	0	5	\$29.58	\$28.02	\$33.26	2.108	0		0	0															
<b>TNRW (Right of Way)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>4</b>	<b>\$24.92</b>	<b>\$21.70</b>	<b>\$29.87</b>	<b>3.4784</b>	<b>1.73919</b>																		
TNRW07-Right of Way Specialist (Civil Engineers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																		
TNRW09-Senior Right of Way Specialist (Civil Engineers)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																		
<b>TNST (Staff Technician)</b>	<b>15</b>	<b>\$28.07</b>	<b>\$22.02</b>	<b>\$30.43</b>	<b>2.1025</b>	<b>0.5429</b>	<b>29</b>	<b>\$28.16</b>	<b>\$23.08</b>	<b>\$33.66</b>	<b>2.3881</b>	<b>0.44346</b>	<b>-0.12</b>	<b>31.831</b>	<b>0.9047</b>	<b>330</b>	<b>-0.18573</b>	<b>0.85266</b>				<b>0.34091</b>	<b>0.20085</b>	<b>0.48097</b>	<b>0.07538</b>	<b>-2.1106</b>	<b>0.03481</b>			
TNST07-Staff Technician I (Production, Planning, & Expediting Clerks)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																		
TNST08-Staff Technician II (Production, Planning, & Expediting Clerks)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																		
TNST09-Senior Staff Technician (Civil Engineering Technicians)	10	\$28.85	\$26.77	\$30.43	1.077	0.3405	25	\$28.85	\$25.13	\$33.66	1.7252	0.345	0.01	26.499	0.9956	178	-0.07306	0.94176				0.28571	0.13605	0.43538	0.08452	-2.5355	0.01123			
<b>TNTM (Transportation Management Center)</b>	<b>8</b>	<b>\$24.77</b>	<b>\$18.17</b>	<b>\$31.39</b>	<b>4.7869</b>	<b>1.6924</b>	<b>9</b>	<b>\$23.52</b>	<b>\$16.08</b>	<b>\$34.20</b>	<b>6.0066</b>	<b>2.00222</b>	<b>0.48</b>	<b>14.851</b>	<b>0.6413</b>	<b>77</b>	<b>0.48113</b>	<b>0.63043</b>				<b>0.47059</b>	<b>0.23332</b>	<b>0.70786</b>	<b>0.12127</b>	<b>-0.2425</b>	<b>0.80837</b>			
TNTM04-Transportation Mgt Center Assistant (Traffic Technicians)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D																		
TNTM06-Transportation Mgt Center Specialist (Traffic Technicians)	N/D	N/D	N/D	N/D	N/D	N/D	4	\$21.53	\$20.95	\$21.97	0.4343	0.2171																		

**Table: Wyoming State Government Employment and Wages for Women and Men by Family Classifications and Detailed Classifications, 2018Q3**

Classification Family Code (Bold), Detailed Classification Code, and SOC <sup>c</sup> Title	Women Hourly Wage						Men Hourly Wage						Ttest			Mann Whitney U test			Dollar Difference			Binomial Proportion Test					
	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	N	Mean	Min	Max	Std Dev (Ttest)	Std Error (Ttest)	t Value	DF	T_Prob	Statistic	Z Score	Sided Pr.	Diff Mean (M-F)	Cents on Dollar (F/M)	Est Annual Diff.	Proportion	Lower Confidence Int.	Upper Confidence Int.	ASE Under H0	Z Score	Two Sided Pr. <sup>b</sup>
TNTM08-Transportation Mgt Center Senior Specialist (Traffic Technicians)	5	\$25.64	\$21.34	\$30.50	3.551	1.5879	N/D	N/D	N/D	N/D	N/D	N/D															
TNTM09-Transportation Mgt Center Quality Analyst (Traffic Technicians)	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D	N/D															
<b>TNTO (Technical Operations)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>57</b>	<b>\$28.04</b>	<b>\$19.77</b>	<b>\$45.52</b>	<b>5.4976</b>	<b>0.72818</b>															
TNTO06-Technical Operations Technician I (Telecommunications Equipment Installers & Repairers, Except Line Installers)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
TNTO07-Technical Operations Technician II (Telecommunications Equipment Installers & Repairers, Except Line Installers)	N/D	N/D	N/D	N/D	N/D	N/D	18	\$22.74	\$19.77	\$27.26	1.7884	0.4215															
TNTO08-Senior Technical Operations Technician (Telecommunications Equipment Installers & Repairers, Except Line Installers)	0	\$0.00	\$0.00	\$0.00	0	0	13	\$27.00	\$23.65	\$30.31	2.125	0	0	0	0												
TNTO09-Telecommunications Principal (Telecommunications Equipment Installers & Repairers, Except Line Installers)	N/D	N/D	N/D	N/D	N/D	N/D	13	\$30.59	\$28.51	\$37.32	2.259	0.6265															
TNTO10-Technical Operations Supervisor I (First-Line Supervisors/Managers of Mechanics, Installers, & Repairers)	0	\$0.00	\$0.00	\$0.00	0	0	5	\$34.28	\$30.84	\$45.52	6.298	0	0	0	0												
TNTO11-Telecommunications Supervisor (First-Line Supervisors/Managers of Mechanics, Installers, & Repairers)	0	\$0.00	\$0.00	\$0.00	0	0	6	\$33.77	\$31.88	\$36.17	1.655	0	0	0	0												
TNTO14-Telecommunications Manager (Managers, All Other)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
<b>TNUL (Utilities)</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>	<b>N/D</b>															
TNUL06-Utilities Technician (Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															
TNUL08-Utilities Specialist (Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation)	N/D	N/D	N/D	N/D	N/D	N/D	0	\$0.00	\$0.00	\$0.00	0	0															
TNUL09-Senior Utilities Specialist (Compliance Officers, Except Agriculture, Construction, Health & Safety, & Transportation)	0	\$0.00	\$0.00	\$0.00	0	0	N/D	N/D	N/D	N/D	N/D	N/D															

N/D = Not discloseable due to confidentiality.

Blank cells indicate test results not available because data for one or both genders were nondiscloseable.

<sup>c</sup>Standard Occupational Classification.

<sup>b</sup>A value less than .05 indicates a significant difference in the number of men and women working in an occupation.

\*Occupations with a significant difference in the number of men and women.

M = Occupation in which men's wages were statistically significantly higher than women's wages.

W = Occupation in which women's wages were statistically significantly higher than men's wages.

Source: Wyoming State Auditor state employee files.

Prepared by L. Knapp, Research & Planning, WY DWS, 3/19/19.