

Utah's Best Projected Jobs 2020-2030

*SOC Title (Includes 4 and 5 star jobs with over 90 annual openings & select 3 star jobs based on pay and openings)	*STAR	Rating	**John Holland Code	New Jobs in Utah Each Year	Median Wages in Utah	Minimum Education Required	Experience or Job Training Required	***Utah Schools offering this degree/certificate	Education Cost in Utah (w/out aid)
Chief Executives Management Occupations	5	ESR	502	\$162,790	Bachelor's degree	5 years +	* Most universities	24-35K	
General and Operations Managers	5	ESR	7771	\$64,090	Bachelor's degree	5 years +	offer degrees	24-35K	
Marketing Managers	5	AES/ESC	618	\$104,560	Bachelor's degree	5 years +	in business	24-35K	
Sales Managers	5	ESA	664	\$104,520	Bachelor's degree	< 5 years	administration,	24-35K	
Public Relations and Fundraising Managers	4	ES	99	\$86,000	Bachelor's degree	5 years +	management, or	24-35K	
Administrative Services and Facilities Managers	5	ESR	391	\$78,000	Bachelor's degree	< 5 years	marketing	24-35K	
Computer and Information Systems Managers	5	SEI	603	\$128,440	Bachelor's degree	5 years +	* see above	24-35K	
Industrial Production Managers	5	SER	205	\$97,930	Bachelor's degree	5 years +	* see above	24-35K	
Transportation, Storage, and Distribution Managers	5	ESC	204	\$77,760	High school diploma	5 years +	* see above	< 1K	
Property, Real Estate, and Community Association Managers	4	ESR	377	\$47,310	High school diploma	< 5 years	* see above	< 1K	
Social and Community Service Managers	4	ESI	115	\$60,180	Bachelor's degree	< 5 years	* see above	24-35K	
Personal Service, Entertainment, Recreation & other Managers	5	ES	606		Bachelor's degree	< 5 years	* see above	24-35K	
Financial Managers	5	EIS/ESA	1,125	\$119,320	Bachelor's degree	5 years +	BYU, UVU, UofU, USU	24-35K	
Human Resources Managers	5	SEC	205	\$99,880	Bachelor's degree	5 years +	UVU, USU, BYU	24-35K	
Food Service Managers	3	ESR	232	\$55,630	High school diploma	< 5 years	MTEC, UVU, SLCC		
Construction Managers	5	ERS	430	\$80,170	Bachelor's degree	Moderate OTJ	BYU, UVU, SUU	24-35K	
Education Administrators, Elementary and Secondary School	5	SEI	223	\$99,120	Master's degree	5 years +	UVU, BYU, UofU, WSU, USU	40-65K	
Education Administrators, Postsecondary	5	SEI	236	\$83,870	Master's degree	< 5 years	UVU, BYU, UofU, WSU, USU	40-65K	
Architectural and Engineering Managers	5	ERS	157	\$126,070	Bachelor's degree	5 years +	UofU, UVU	24-35K	
Medical and Health Services Managers	5	SER	598	\$94,520	Bachelor's degree	< 5 years	UTU, UVU, WSU, UofU	24-35K	
Buyers and Purchasing Agents Business and Financial	4	ESR	462	\$61,570	Bachelor's degree	Moderate OTJ	^ Most universities	24-35K	
Compliance Officers	4	ESR	363	\$58,760	Bachelor's degree	Moderate OTJ	offer degrees	24-35K	
Cost Estimators	5	CIE	402	\$63,860	Bachelor's degree	Moderate OTJ	in business	24-35K	
Human Resources Specialists	4	SEC/ESR	1,054	\$58,340	Bachelor's degree		finance,	24-35K	
Logisticians	4	REI	430	\$76,060	Bachelor's degree		management, or	24-35K	
Management Analysts	5	ERS	667	\$77,470	Bachelor's degree	< 5 years	marketing	24-35K	
Compensation, Benefits, and Job Analysis Specialists	4	ECS	102	\$60,820	Bachelor's degree	< 5 years	^ see above	24-35K	
Training and Development Specialists	4	ESR	754	\$52,170	Bachelor's degree	< 5 years	^ see above	24-35K	
Market Research Analysts and Marketing Specialists	4	ISC	1,794	\$60,360	Bachelor's degree		^ see above	24-35K	
Project Mngmt & Business Operations Specialists, All other	5		2,690		Bachelor's degree		^ see above	24-35K	
Property Appraisers and Assessors	4	ICE	112	\$49,750	Bachelor's degree	Long-term OTJ	^ see above	24-35K	
Personal Financial Advisors	5	ESC	504	\$63,240	Bachelor's degree	Long-term OTJ	^ see above	24-35K	
Loan Officers	5	SEI	619	\$48,300	Bachelor's degree	< 5 years & OTJ	^ see above	24-35K	
Tax Examiners and Collectors, and Revenue Agents	4	ECS	176	\$43,220	Bachelor's degree	Moderate OTJ	^ see above	24-35K	
Financial and Investment Analysts & Specialists, All Other	5	CSI/CIE	559		Bachelor's degree		^ see above	24-35K	
Claims Adjusters, Examiners, and Investigators	4	ESR	114	\$61,970	High school diploma	Long OTJ		< 1K	
Accountants and Auditors	5	CSI/EIS	1,808	\$63,540	Bachelor's degree		BYU, UofU, USU, UVU, WSU	24-35K	
Computer Systems Analysts Computer and Mathematical	5	IER	213	\$98,870	Bachelor's degree		> see below	24-35K	
Information Security Analysts	5	CIR	161	\$98,870	Bachelor's degree	< 5 years	> see below	24-35K	
Computer User Support Specialists	5	SER	1,360	\$48,100	Some college		> Most universities	2K	
Computer Network Architects	5	ICER	90	\$101,140	Bachelor's degree	5 years +	offer degrees	24-35K	
Network and Computer Systems Administrators	5	RSI	302	\$79,860	Bachelor's degree		in computer	24-35K	
Database Administrators and Architects	5	IRE	249	\$98,060	Bachelor's degree		science or	24-35K	
Computer Programmers	5	IRD/RSI	212	\$94,210	Bachelor's degree		software	24-35K	
Software Developers & Software Quality Analysts & Testers	5	RSI	3,482	\$99,662	Bachelor's degree		development	24-35K	
Computer Occupations, All Other	5		927	\$77,830	Bachelor's degree		> see above	24-35K	
Operations Research Analysts	5	ERI	129	\$74,910	Bachelor's degree		> see above	24-35K	
Data & Mathematical Scientist Occupations, All Other	5		292		Bachelor's degree			24-35K	
Computer Network Support Specialists	5	IRS/SEC	163	\$66,560	Associate's degree		SLCC, SNOW	8-15K	
Web Developers and Digital Interface Designers	5	AER/RSI	487	\$64,495	Bachelor's degree		MTEC, UVU, WSU, UofU, SLCC	24-35K	
Architects Architecture and Engineering	5	AIR	121	\$78,000	Bachelor's degree	Intern/residency	UofU, UVU	24-35K	
Surveyors	4	IEA	136	\$62,020	Bachelor's degree	Intern/residency	UVU	24-35K	
Civil Engineers	5	IRSE	471	\$79,140	Bachelor's degree		BYU, UVU, UofU, USU	24-35K	
Civil Engineering Technicians	3	RCI	109	\$53,640	Associate's degree		SUU, SLCC, SNOW	10-17K	
Electrical Engineers	5	IRE/REI	169	\$99,040	Bachelor's degree		UofU, BYU, USU, WSU, UVU	24-35K	
Electronics Engineers, Except Computer	5	RIE	108	\$101,110	Bachelor's degree		UofU, BYU, USU, WSU, UVU	24-35K	
Industrial Engineers	5	EIR	254	\$95,300	Bachelor's degree		WSU	24-35K	
Mechanical Engineers	5	RIS	358	\$90,360	Bachelor's degree		BYU, UofU, USU, UVU, WSU	24-35K	
Engineers, All Other	5		199	\$87,710	Bachelor's degree		Most universities	24-35K	
Architectural and Civil Drafters	4	RCI	357	\$48,460	Associate's degree		UVU, SLCC, WSU, SUU	8-15K	
Electrical and Electronics Engineering Technicians	4	IRE	136	\$60,220	Associate's degree		SLCC, WSU	10-17K	
Industrial Engineering Technicians	4	EIR	136	\$48,280	Associate's degree		UVU, USU, WSU, SLCC	10-17K	
Calibration & Engineering Technologists/Technicians, All other	4		220		Associate's degree		UVU, USU, WSU, SLCC	8-15K	
Medical Scientists, Except Epidemiologists	5	ISAE	178	\$78,770	PhD or prof. degree		UofU, BYU	50-90K	
Occupational Health & Safety Specialists Combined Sciences	5	ICRS	133	\$77,450	Bachelor's degree		UofU	24-35K	
Clinical, Counseling, and School Psychologists	5	SEA	140	\$47,000	PhD or prof. degree	Intern/residency	UofU, BYU, USU	50-90K	
Marriage and Family Therapists Social Service	5	SAI	148	\$75,940	Master's degree	Intern/residency	USU, UTU, UVU, BYU	40-65K	
Educational, Guidance, School, and Vocational Counselors	4	SAE	688	\$48,520	Master's degree		UofU, BYU, USU	40-65K	
Substance Abuse, Behavioral & Mental Health Counselors	4	SAE	574	\$60,460	Bachelor's degree		UVU, USU, UofU, WSU, BYU	24-35K	
Child, Family, and School Social Workers	4	SEA	191	\$44,920	Bachelor's degree		UVU, USU, UofU, WSU, BYU	24-35K	
Healthcare Social Workers	4	ESA	161	\$63,850	Master's degree	Intern/residency	UVU, USU, UofU, WSU, BYU	40-65K	
Lawyers Law Occupations	5	ESA	448	\$104,100	PhD or prof. degree		BYU, UofU	70-130K	
Paralegals and Legal Assistants	3	SEC	437	\$50,070	Associate's degree		SLCC, SUU	10-17K	
Title Examiners, Abstractors, and Searchers	4	CER	165	\$47,810	High school diploma	Moderate OTJ		< 1K	
Education Teachers, Postsecondary Education & Library	4	SIA	126	\$81,460	PhD or prof. degree	< 5 years	BYU, UofU	50-90K	
Health Specialties Teachers, Postsecondary	4	SAE/SEI	400	\$131,210	PhD or prof. degree	< 5 years	BYU, UofU	50-90K	
Art, Drama, and Music Teachers, Postsecondary	4	SAE/SEI	129	\$61,120	Master's degree		BYU, UofU	40-65K	
Vocational Education Teachers, Postsecondary	4	SEI/SER	207	\$48,490	Bachelor's degree	< 5 years	BYU, UofU	24-35K	
Postsecondary Teachers, All Other	4		217	\$48,720	PhD or prof. degree		BYU, UofU	50-90K	
Librarians and Media Collections Specialists	4	CSR	169	\$47,290	Master's degree		USU	40-65K	
Instructional Coordinators	4	SEI/SIA	270	\$57,280	Master's degree	5 years +	USU	40-65K	

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Elementary School Teachers, Except Special Education	5	SAE		1,275	\$60,240	Bachelor's degree		Most Universities	24-35K
Middle School Teachers, Except Special & CTE	5	SAC		629	\$60,900	Bachelor's degree		offer degrees	24-35K
Secondary School Teachers, Except Special & CTE	5	SAE		899	\$60,810	Bachelor's degree		in each major	24-35K
Special Education Teachers, Kindergarten & Elem. School	4	SEC/SAC		132	\$60,220	Bachelor's degree		education	24-35K
Special Education Teachers, Secondary & Middle School	4	SEC/SAC		175	\$60,000	Bachelor's degree		category	24-35K
Editors	3	AES		110	\$57,620	Bachelor's degree	< 5 years	UVU,WSU,USU,UTU,SUU	24-35K
Technical Writers	3	IRS		103	\$63,300	Bachelor's degree	< 5 years & OTJ	UVU,WSU,USU,UTU,SUU	24-35K
Teaching Assistants, Postsecondary	4	SC		392	\$47,080	Bachelor's degree			24-35K
Art Directors Arts, Design, Entertainment, Sports, & Media	4	AES		167	\$81,630	Bachelor's degree	5 years +	BYU,USU,SUU,UofU,WSU	24-35K
Graphic Designers	4	ARE		413	\$48,930	Bachelor's degree		USU,SUU,UofU,MTEC	24-35K
Interior Designers	4	AES		148	\$48,430	Bachelor's degree		UVU,UofU,WSU,USU	24-35K
Producers and Directors	4	EAS		125	\$60,820	Bachelor's degree	< 5 years	UofU,SUU,UVU	24-35K
Public Relations Specialists	4	ESA		207	\$59,760	Bachelor's degree		UofU,WSU,UTU	24-35K
Writers and Authors	4	EAC		323	\$50,040	Bachelor's degree	Long-term OTJ		24-35K
Dentists, General Healthcare Practitioners & Technical	5	ISR/IRE		90	\$102,200	PhD or prof. degree		UofU	24-35K
Dietitians and Nutritionists	4	ISE		101	\$49,860	Bachelor's degree	Intern/residency	SUU,WSU,BYU,USU,UofU	24-35K
Pharmacists	5	IES		145	\$128,690	PhD or prof. degree		UofU	175-185K
Physician Assistants	5	ISA/IRA		166	\$121,010	Master's degree		UofU	95-105K
Physical Therapists	5	SIE		171	\$81,190	PhD or prof. degree		UofU	95-105K
Physical Therapist Assistants	3	SCR		139	\$61,150	Associate's degree		SLCC, Snow, UTU	10-18K
Respiratory Therapists	4	SIR		107	\$61,650	Associate's degree		UVU, SLCC	8-15K
Speech-Language Pathologists	5	SAI		138	\$77,510	Master's degree	Intern/residency	UofU, USU	40-65K
Registered Nurses	5	SIA/SAC		1,918	\$75,000	Bachelor's degree		UVU,BYU,SNOW,WSU,UofU	24-35K
Nurse Practitioners	5	ISA		290	\$105,220	Master's degree		BYU, UofU, WSU	40-65K
Physicians, All Other; and Ophthalmologists, Except Pediatric	5	ISE/IRA		115		PhD or prof. degree	Intern/residency	UofU	210-220K
Dental Hygienists	5	SAI/RIS		274	\$77,510	Associate's degree		BYU,UVU,SLCC,WSU	8-15K
Clinical Laboratory Technologists and Technicians	4	IRS		574	\$47,020	Bachelor's degree		USU,UTU,WSU	24-35K
Cardiovascular Technologists and Technicians	4	RIS		93	\$77,210	Associate's degree		WSU	8-15K
Radiologic Technologists	5	SRI		155	\$60,570	Associate's degree		UTU,WSU,SLCC	8-15K
Surgical Technologists	4	ISR		125	\$47,000	Postsecondary award		MTEC, SLCC	5K
Licensed Practical and Licensed Vocational Nurses	4	SIA/SAC		105	\$47,940	Postsecondary award		MTEC, SNOW	5K
Medical Records Specialists, & Health Technicians, All Other	4	CAI/CRA		275		Postsecondary award		MTEC, SLCC	3K
Chefs and Head Cooks Food Service	3	ERA/ERC		408	\$46,910	High school diploma	5 years +	MTEC,UVU,SLCC	4K
Supervisors of Police and Detectives Protective Service	5	ESR		100	\$79,060	High school diploma	< 5 years & OTJ	UVU, SLCC	< 1K
Correctional Officers and Jailers	4	SER		177	\$46,590	High school diploma	Moderate OTJ		< 1K
Police and Sheriff's Patrol Officers	5	SER		542	\$60,390	Postsecondary award	Moderate OTJ	UVU, SLCC	7K
Supervisors of Retail Sales Workers Sales	4	ECS		1,615	\$38,250	High school diploma	< 5 years		< 1K
Supervisors of Non-Retail Sales Workers	5	ECS		358	\$77,030	High school diploma	< 5 years		< 1K
Insurance Sales Agents	4	ECS		666	\$38,670	High school diploma	Moderate OTJ		< 1K
Securities, Commodities, and Financial Services Sales Agents	4	ESC		322	\$60,550	Bachelor's degree	Moderate OTJ	Most universities	24-35K
Sales Representatives of Services	4	ESR		1,957	\$50,040	High school diploma	Moderate OTJ		< 1K
Sales Reps, Wholesale, Technical & Scientific Products	5	ESI		771	\$80,220	Bachelor's degree	Moderate OTJ	Most universities	24-35K
Sales Representatives, Wholesale, All Other Products	4	ESR		2,037	\$57,210	High school diploma	Moderate OTJ		< 1K
Real Estate Sales Agents	4	ESA		848	\$48,520	High school diploma	Moderate OTJ		< 1K
Postal Service Mail Carriers Office Support	4	CR		208	\$50,590	High school diploma	Short OTJ		< 1K
Eligibility Interviewers, Government Programs	4	CSR		232	\$41,750	High school diploma	Moderate OTJ		< 1K
Supervisors of Office & Administrative Support Workers	4	ESR		2,120	\$49,250	High school diploma	< 5 years	SLCC	< 1K
Dispatchers, Except Police, Fire, and Ambulance	4	ESC		312	\$39,310	High school diploma	Moderate OTJ		< 1K
Production, Planning, and Expediting Clerks	4	CES		544	\$48,040	High school diploma	Moderate OTJ		< 1K
Executive Secretaries and Executive Administrative Assistants	4	ESC		364	\$58,470	High school diploma	< 5 years	SLCC	< 1K
Construction and Building Inspectors Construction	3	RIC		238	\$58,500	High school diploma	5 years + & OJT		< 1K
Supervisors of Construction Trades & Extraction Workers	4	ERS		1,654	\$62,390	High school diploma	5 years +	UVU	< 1K
Carpenters	4	RCI		2,132	\$47,120	High school diploma	Apprenticeship	MTEC, SLCC	< 1K
Tile and Marble Setters	4	RSE		334	\$47,760	No formal credential	Long OTJ		< 1K
Cement Masons and Concrete Finishers	4	RCI		570	\$47,190	No formal credential	Moderate OTJ		< 1K
Plumbers, Pipefitters, and Steamfitters	3	RCE/REI		926	\$50,880	High school diploma	Apprenticeship	MTEC	4K
Electricians	4	RIS/RCI		1,911	\$50,580	High school diploma	Apprenticeship	MTEC	3K
Sheet Metal Workers	4	REI		229	\$50,170	High school diploma	Apprenticeship		< 1K
Operating Engineers & Construction Equipment Operators	3	RIS		721	\$48,040	High school diploma	Moderate OTJ		< 1K
Industrial Machinery Mechanics Installation & Repair	5	RIC		441	\$59,260	High school diploma	Long OTJ	MTEC,UVU,SNOW	< 1K
Supervisors of Mechanics, Installers, and Repairers	5	RSE		718	\$62,830	High school diploma	< 5 years	MTEC, SLCC	< 1K
Supervisors of Landscaping, & Groundskeeping Workers	3	ERC		358	\$48,600	High school diploma	< 5 years		< 1K
Electronics Repairers, Commercial & Industrial Equipment	4	RIC		119	\$63,380	Postsecondary award	Long OTJ	SLCC, WSU, SUU	3K
Telecommunications Equipment Installers & Repairers	3	RIS		252	\$60,360	Postsecondary award	Moderate OTJ	SLCC, WSU, SUU	3K
Aircraft Mechanics and Service Technicians	4	RIE		165	\$59,260	Postsecondary award		SLCC	10-17K
Automotive Body and Related Repairers	4	RIE		215	\$46,950	High school diploma	Long OTJ	SLCC, UVU	< 1K
Automotive Service Technicians and Mechanics	4	RCI		1,073	\$46,640	Postsecondary award	Short OTJ	MTEC, SLCC,UVU,SNOW	6K
Bus and Truck Mechanics and Diesel Engine Specialists	4	RIS/REI		389	\$49,240	High school diploma	Long OTJ	MTEC, SLCC,UVU,SNOW	< 1K
Heating, AC, & Refrigeration Mechanics/Installers	4	RES		803	\$47,640	Postsecondary award	Long OTJ	MTEC, SLCC	< 3K
Welders, Cutters, Solderers, and Brazers	3	RIS/REI		652	\$46,910	High school diploma	Moderate OTJ	MTEC, SLCC, SNOW	5K
Mobile Heavy Equipment Mechanics, Except Engines	3	RES		246	\$57,290	High school diploma	Long OTJ	MTEC, UVU,SLCC,SNOW	3K
Supervisors of Production & Operating Workers Production	4	RSE		1,028	\$60,110	High school diploma	< 5 years		< 1K
Electrical Power-Line Installers and Repairers	4	RES		98	\$76,220	High school diploma	Long OTJ	MTEC, SLCC	< 1K
Machinists	4	REI		488	\$56,120	High school diploma	Long OTJ	MTEC,SLCC,SNOW	< 1K
Water & Wastewater Treatment Plant and System Operators	4	REI		173	\$47,430	High school diploma	Long OTJ	UVU	< 1K
Heavy and Tractor-Trailer Truck Drivers Logistics	3	RCS		3,148	\$48,810	Postsecondary award	Short OTJ	MTEC, SLCC, SNOW	3K
Supervisors of Transportation & Material Moving Workers	3	ESC		854	\$48,470	High school diploma	< 5 years		3K

* Source: Utah Department of Workforce Services, September 2022.

** John Holland Career Codes (E = Enterprising S = Social A = Artistic R = Realistic I = Investigative C = Conventional)

*** Education programs are subject to change