

Health Science Career Field In-Demand Jobs Data

The Health Science Career Field prepares students for careers in Allied Health and Nursing, Exercise Science and Sports Medicine, Health Information Management and Medical Bioscience. The list of careers used in the figures below can be found in the Appendix.

Figure 1.

Projected Growth of Health Science Jobs in Ohio (2031)

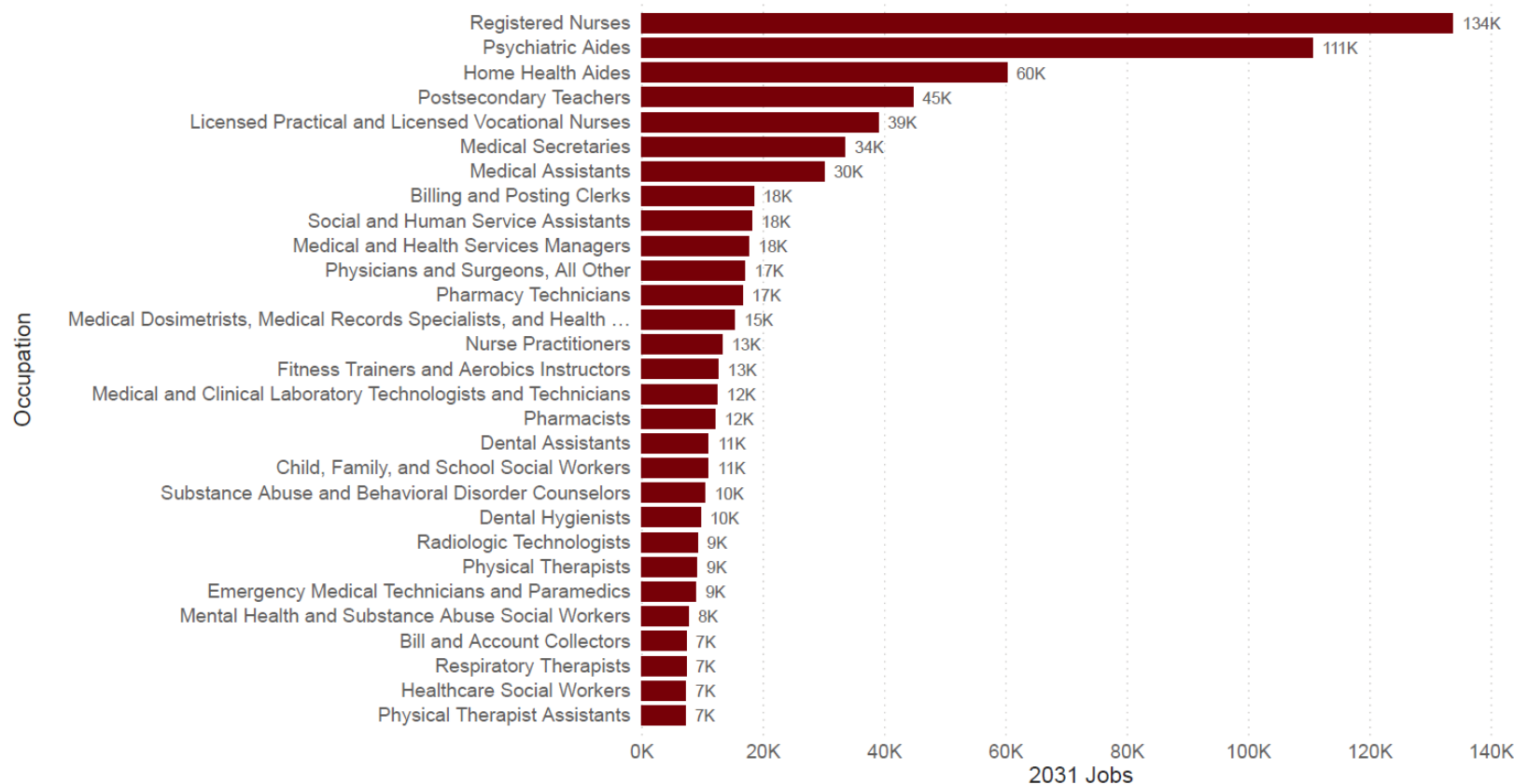


Figure 1 shows the highest in-demand occupations projected for 2031 in the Health Science career field, with Registered Nurses topping the list with almost 134,000 jobs in Ohio in 2031.

Figure 2.

Projected Growth of Health Science Jobs in Ohio (2021-2031)



Figure 2 demonstrates the projected growth over the next ten years as a percentage. The blue represents positive growth, with the highest projected growth of 56% in Fitness Trainers and Aerobics Instructors. The red represents negative growth or a decrease in the number of jobs, with the greatest expected decrease in Pharmacy Aides.

Figure 3.

Top Companies for Health Science Jobs in Ohio

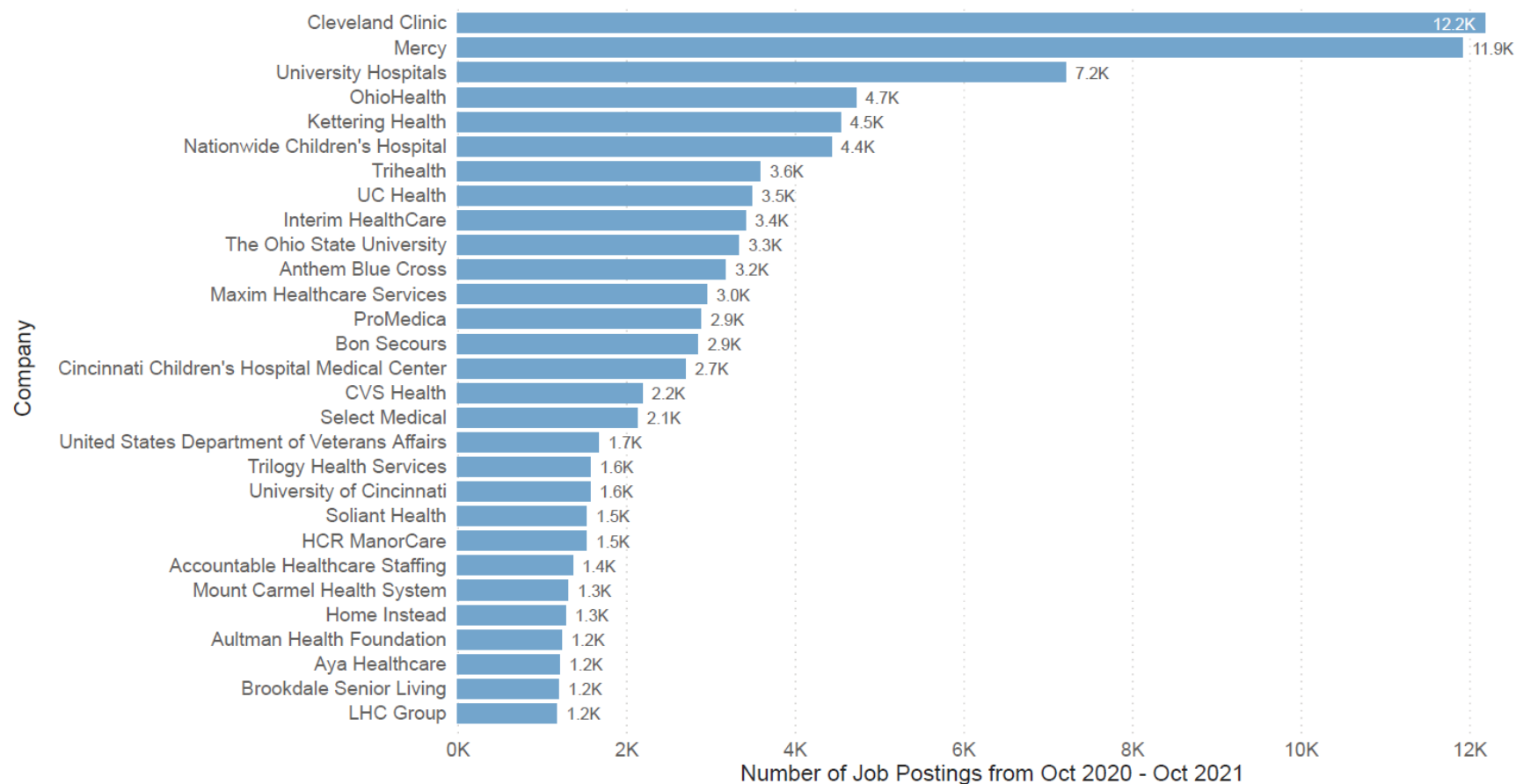


Figure 3 shows the top companies hiring in the Health Science career field over a one-year period (October 2020-October 2021). There was a total of 307,822 health science job postings during this time period, with the highest number from Cleveland Clinic at 12,182.

Figure 4.

Demand and Supply of Health Science Jobs in Ohio

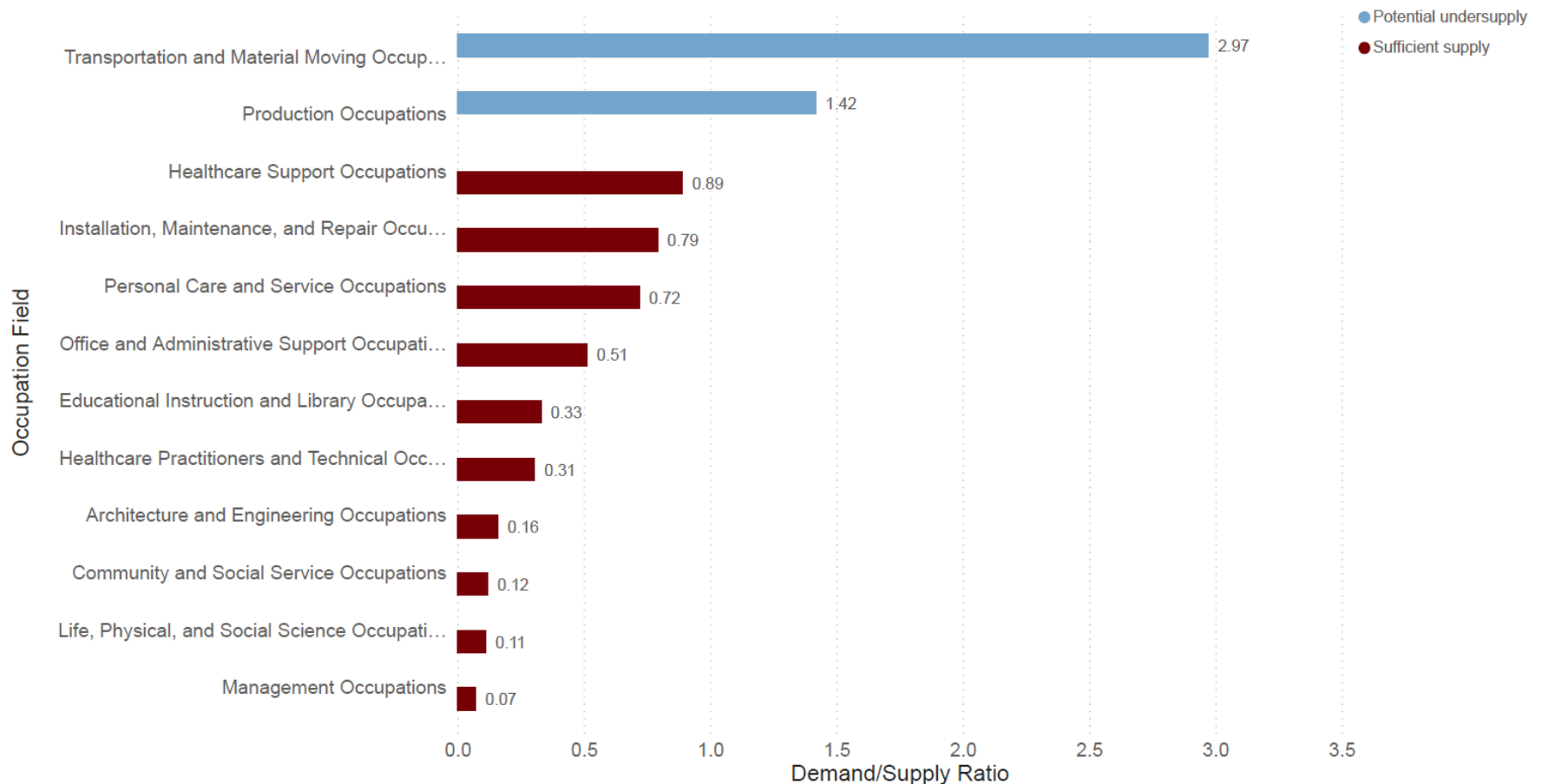


Figure 4 shows the demand and supply ratio for different areas in the career field. The ratio is calculated using the formula, job openings divided by the sum of graduates and those unemployed in the field [Ratio= Openings/(Graduates+Unemployed)]. A ratio of one or greater demonstrates a potential undersupply and less than one shows a sufficient supply. Transportation and Material Moving and Production Occupations are in potential undersupply.

Figure 5.

Demand for Hard Skills in Health Science Jobs in Ohio

Growth -0.66 3.78

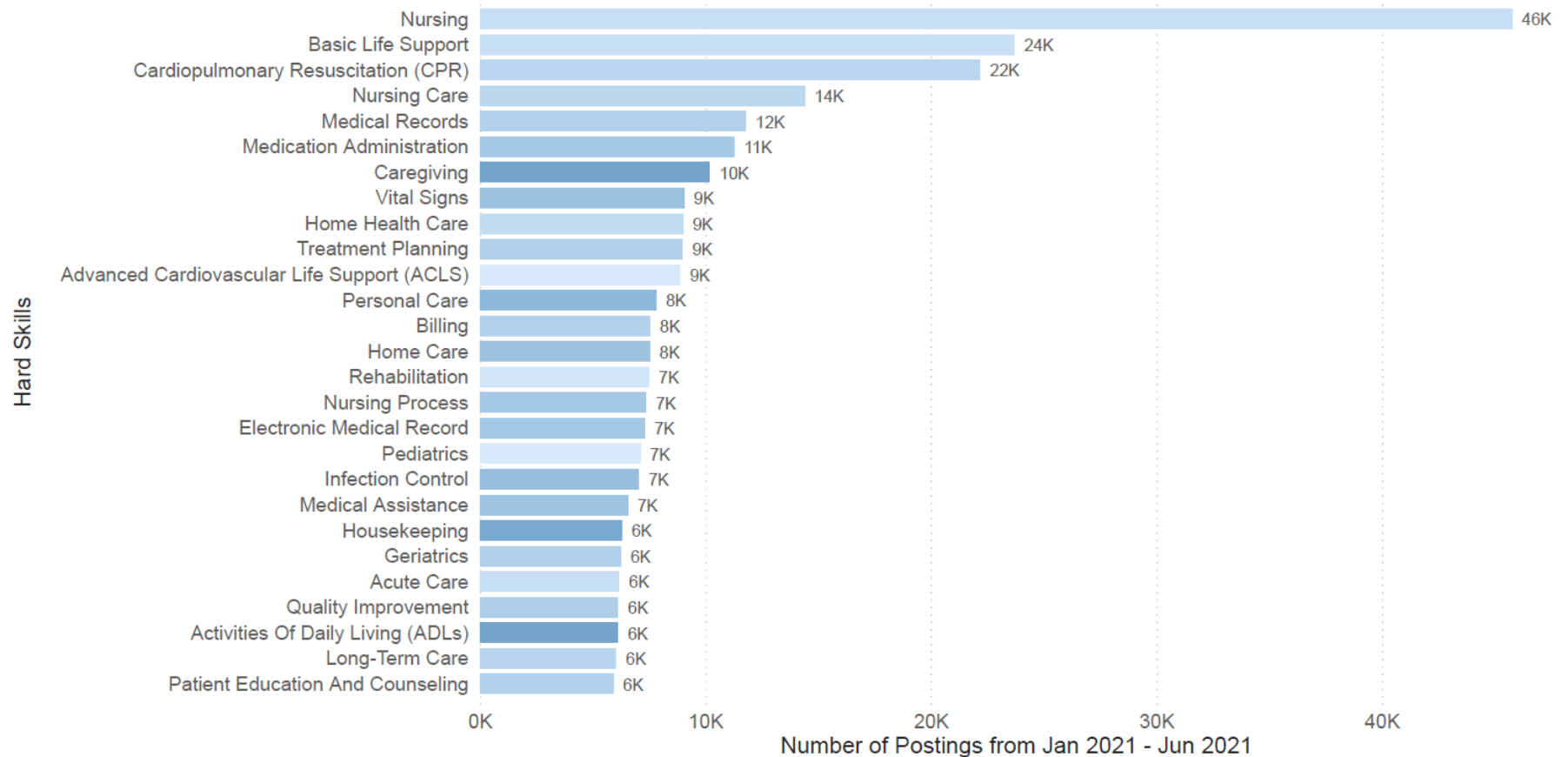


Figure 5 shows the top 27 in-demand hard skills employers are looking for in health science jobs, with the top skill being Nursing. Additionally, the darker blue demonstrates skills that have seen a greater increase in demand from 2017 to 2021. The greatest increase in demand is in Activities of Daily Living (ADLs) and Caregiving at 378% and 376%, respectively.

Figure 6.

Demand for Soft Skills in Health Science Jobs in Ohio

Growth 0.57 4.28

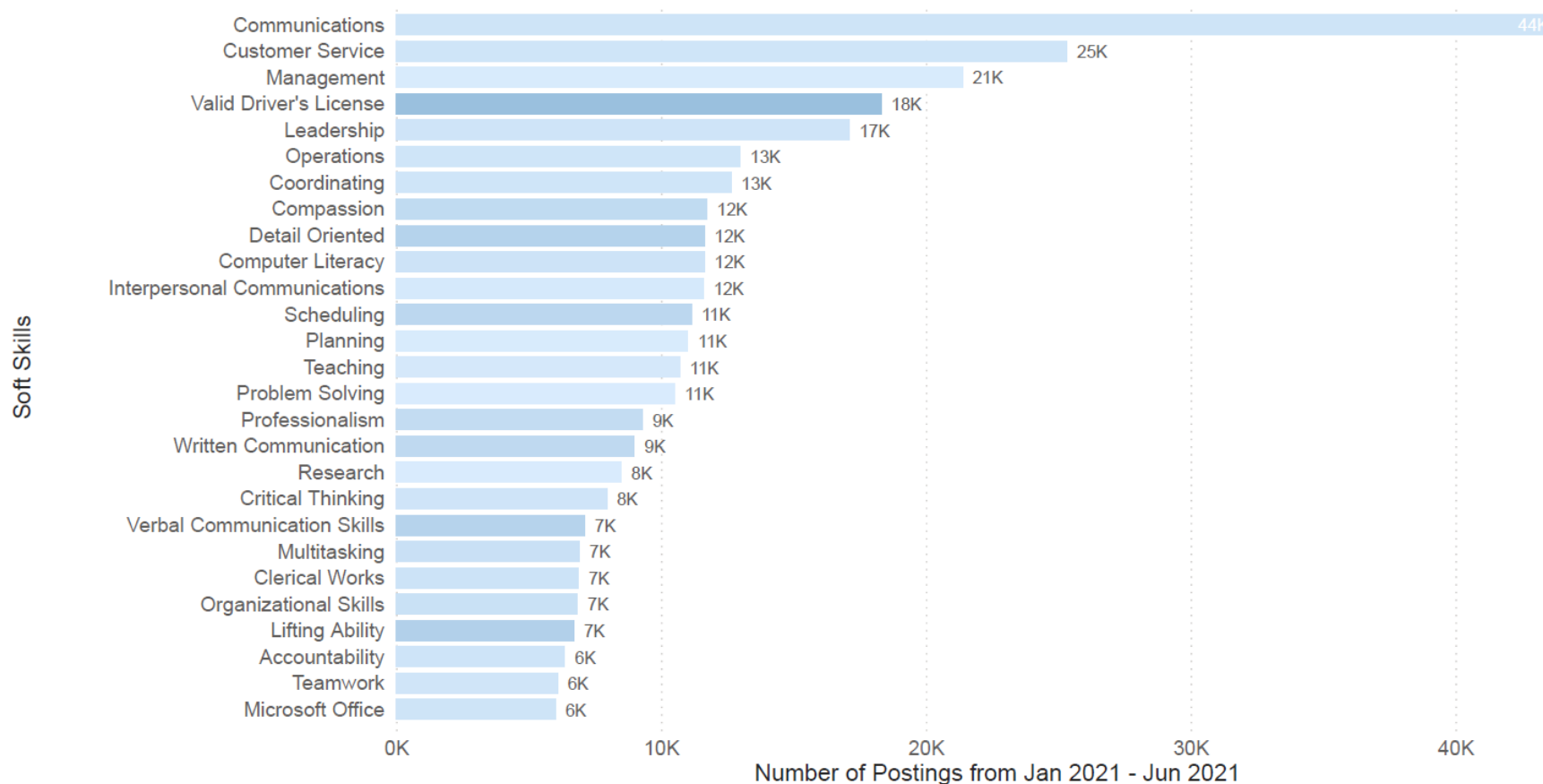


Figure 6 shows the top 27 in-demand soft skills employers are looking for in health science jobs. The top skill is communications, which appeared in almost 44,000 job postings between January 2021 and June 2021. Additionally, the darker blue demonstrates skills that have seen a greater increase in demand from 2017 to 2021. The greatest increase in demand is in Valid Driver's License and Lifting Ability at 607% and 222%, respectively.

Appendix.

Standard Occupational Classification (SOC)	Occupation
11-9111	Medical and Health Services Managers
11-9151	Social and Community Service Managers
11-9161	Emergency Management Directors
17-2031	Biomedical Engineers
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors
19-1029	Biological Scientists, All Other
19-1041	Epidemiologists
19-1042	Medical Scientists, Except Epidemiologists
19-2012	Physicists
19-2041	Environmental Scientists and Specialists, Including Health
19-3031	Clinical, Counseling, and School Psychologists
19-3032	Industrial-Organizational Psychologists
19-3039	Psychologists, All Other
19-3099	Social Scientists and Related Workers, All Other
19-4021	Biological Technicians
19-4042	Environmental Science and Protection Technicians, Including Health
19-4061	Social Science Research Assistants
19-4092	Forensic Science Technicians
19-4099	Life, Physical, and Social Science Technicians, All Other
19-5011	Occupational Health and Safety Specialists
19-5012	Occupational Health and Safety Technicians
21-1013	Marriage and Family Therapists
21-1015	Rehabilitation Counselors
21-1018	Substance Abuse and Behavioral Disorder Counselors
21-1021	Child, Family, and School Social Workers
21-1022	Healthcare Social Workers
21-1023	Mental Health and Substance Abuse Social Workers
21-1029	Social Workers, All Other

21-1091	Health Educators
21-1093	Social and Human Service Assistants
21-1094	Community Health Workers
25-1099	Postsecondary Teachers
29-1011	Chiropractors
29-1021	Dentists, General
29-1022	Oral and Maxillofacial Surgeons
29-1023	Orthodontists
29-1024	Prosthodontists
29-1029	Dentists, All Other Specialists
29-1031	Dietitians and Nutritionists
29-1041	Optometrists
29-1051	Pharmacists
29-1071	Physician Assistants
29-1081	Podiatrists
29-1122	Occupational Therapists
29-1123	Physical Therapists
29-1124	Radiation Therapists
29-1125	Recreational Therapists
29-1126	Respiratory Therapists
29-1127	Speech-Language Pathologists
29-1128	Exercise Physiologists
29-1141	Registered Nurses
29-1151	Nurse Anesthetists
29-1161	Nurse Midwives
29-1171	Nurse Practitioners
29-1181	Audiologists
29-1211	Anesthesiologists
29-1215	Family and General Practitioners
29-1216	Internists, General

29-1218	Obstetricians and Gynecologists
29-1221	Pediatricians, General
29-1223	Psychiatrists
29-1228	Physicians and Surgeons, All Other
29-1248	Surgeons
29-1292	Dental Hygienists
29-1298	Health Diagnosing and Treating Practitioners, All Other
29-2018	Medical and Clinical Laboratory Technologists and Technicians
29-2031	Cardiovascular Technologists and Technicians
29-2032	Diagnostic Medical Sonographers
29-2033	Nuclear Medicine Technologists
29-2034	Radiologic Technologists
29-2035	Magnetic Resonance Imaging Technologists
29-2041	Emergency Medical Technicians and Paramedics
29-2051	Dietetic Technicians
29-2052	Pharmacy Technicians
29-2053	Psychiatric Technicians
29-2055	Surgical Technologists
29-2056	Veterinary Technologists and Technicians
29-2057	Ophthalmic Medical Technicians
29-2061	Licensed Practical and Licensed Vocational Nurses
29-2081	Opticians, Dispensing
29-2091	Orthotists and Prosthetists
29-2092	Hearing Aid Specialists
29-2098	Medical Dosimetrists, Medical Records Specialists, and Health Technologists and Technicians, All Other
29-9091	Athletic Trainers
29-9092	Genetic Counselors
29-9098	Health Technologists and Technicians, All Other
31-1133	Psychiatric Aides

31-1128	Home Health Aides
31-1131	Nursing Assistants
31-1132	Orderlies
31-2011	Occupational Therapy Assistants
31-2012	Occupational Therapy Aides
31-2021	Physical Therapist Assistants
31-2022	Physical Therapist Aides
31-9011	Massage Therapists
31-9091	Dental Assistants
31-9092	Medical Assistants
31-9093	Medical Equipment Preparers
31-9094	Medical Transcriptionists
31-9095	Pharmacy Aides
31-9096	Veterinary Assistants and Laboratory Animal Caretakers
31-9097	Phlebotomists
31-9099	Healthcare Support Workers, All Other
39-5094	Skincare Specialists
39-9031	Fitness Trainers and Aerobics Instructors
39-9041	Residential Advisors
39-9098	Crematory Operators and Personal Care and Service Workers, All Other
43-3011	Bill and Account Collectors
43-3021	Billing and Posting Clerks
43-6013	Medical Secretaries
49-9062	Medical Equipment Repairers
51-9081	Dental Laboratory Technicians
51-9082	Medical Appliance Technicians
51-9083	Ophthalmic Laboratory Technicians
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians