

# ADHE STATEWIDE HIGH DEMAND LIST

## For Productivity Funding Model

*Developed from DWS FY2017 and FY2018 Statewide High Demand Lists*

CIP	CIP Title
01.0101	Agricultural Business and Management, General.
01.0102	Agribusiness/Agricultural Business Operations.
01.0104	Farm/Farm and Ranch Management.
01.0105	Agricultural/Farm Supplies Retailing and Wholesaling.
01.0106	Agricultural Business Technology.
01.0199	Agricultural Business and Management, Other.
01.0201	Agricultural Mechanization, General.
01.0204	Agricultural Power Machinery Operation.
01.0205	Agricultural Mechanics and Equipment/Machine Technology.
01.0299	Agricultural Mechanization, Other.
01.0301	Agricultural Production Operations, General.
01.0302	Animal/Livestock Husbandry and Production.
01.0303	Aquaculture.
01.0304	Crop Production.
01.0306	Dairy Husbandry and Production.
01.0307	Horse Husbandry/Equine Science and Management.
01.0308	Agroecology and Sustainable Agriculture.
01.0309	Viticulture and Enology.
01.0399	Agricultural Production Operations, Other.
01.0504	Dog/Pet/Animal Grooming.
01.0505	Animal Training.
01.0507	Equestrian/Equine Studies.
01.0601	Applied Horticulture/Horticulture Operations, General.
01.0603	Ornamental Horticulture.
01.0604	Greenhouse Operations and Management.
01.0605	Landscaping and Groundskeeping.
01.0606	Plant Nursery Operations and Management.
01.0607	Turf and Turfgrass Management.
01.0608	Floriculture/Floristry Operations and Management.
01.0802	Agricultural Communication/Journalism.
01.0901	Animal Sciences, General.
01.0902	Agricultural Animal Breeding.
01.0903	Animal Health.
01.0904	Animal Nutrition.
01.0905	Dairy Science.
01.0906	Livestock Management.
01.0907	Poultry Science.
01.0999	Animal Sciences, Other.
01.1002	Food Technology and Processing.
01.1101	Plant Sciences, General.
01.1102	Agronomy and Crop Science.
01.1103	Horticultural Science.

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01.1105	Plant Protection and Integrated Pest Management.
01.1106	Range Science and Management.
03.0208	Natural Resources Law Enforcement and Protective Services.
04.0201	Architecture.
04.0401	Environmental Design/Architecture.
04.0801	Architectural History and Criticism, General.
04.1001	Real Estate Development.
09.0100	Communication, General.
09.0101	Speech Communication and Rhetoric.
09.0102	Mass Communication/Media Studies.
09.0401	Journalism.
09.0402	Broadcast Journalism.
09.0404	Photojournalism.
09.0900	Public Relations, Advertising, and Applied Communication.
09.0902	Public Relations/Image Management.
09.0904	Political Communication.
09.0905	Health Communication.
09.0906	Sports Communication.
09.0907	International and Intercultural Communication.
09.9999	Communication, Journalism, and Related Programs, Other.
10.0302	Printing Management.
10.0305	Graphic and Printing Equipment Operator, General Production.
10.0307	Printing Press Operator.
10.0399	Graphic Communications, Other.
11.0101	Computer and Information Sciences, General.
11.0102	Artificial Intelligence.
11.0103	Information Technology.
11.0104	Informatics.
11.0201	Computer Programming/Programmer, General.
11.0202	Computer Programming, Specific Applications.
11.0203	Computer Programming, Vendor/Product Certification.
11.0299	Computer Programming, Other.
11.0401	Information Science/Studies.
11.0501	Computer Systems Analysis/Analyst.
11.0601	Data Entry/Microcomputer Applications, General.
11.0701	Computer Science.
11.0801	Web Page, Digital/Multimedia and Information Resources Design.
11.0802	Data Modeling/Warehousing and Database Administration.
11.0803	Computer Graphics.
11.0804	Modeling, Virtual Environments and Simulation.
11.0901	Computer Systems Networking and Telecommunications.
11.1001	Network and System Administration/Administrator.
11.1002	System, Networking, and LAN/WAN Management/Manager.

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11.1003	Computer and Information Systems Security/Information Assurance.
11.1004	Web/Multimedia Management and Webmaster.
11.1005	Information Technology Project Management.
11.1006	Computer Support Specialist.
12.0401	Cosmetology/Cosmetologist, General.
12.0404	Electrolysis/Electrology and Electrolysis Technician.
12.0406	Make-Up Artist/Specialist.
12.0407	Hair Styling/Stylist and Hair Design.
12.0411	Permanent Cosmetics/Makeup and Tattooing.
12.0412	Salon/Beauty Salon Management/Manager.
12.0413	Cosmetology, Barber/Styling, and Nail Instructor.
12.0499	Cosmetology and Related Personal Grooming Arts, Other.
12.0500	Cooking and Related Culinary Arts, General.
12.0501	Baking and Pastry Arts/Baker/Pastry Chef.
12.0502	Bartending/Bartender.
12.0503	Culinary Arts/Chef Training.
12.0504	Restaurant, Culinary, and Catering Management/Manager.
12.0505	Food Preparation/Professional Cooking/Kitchen Assistant.
12.0506	Meat Cutting/Meat Cutter.
12.0507	Food Service, Waiter/Waitress, and Dining Room Management/Manager.
12.0508	Institutional Food Workers.
12.0509	Culinary Science/Culinology.
12.0510	Wine Steward/Sommelier.
13.0101	Education, General.
13.0201	Bilingual and Multilingual Education.
13.0202	Multicultural Education.
13.0299	Bilingual, Multilingual, and Multicultural Education, Other.
13.0301	Curriculum and Instruction.
13.0401	Educational Leadership and Administration, General.
13.0404	Educational, Instructional, and Curriculum Supervision.
13.0406	Higher Education/Higher Education Administration.
13.0407	Community College Education.
13.0408	Elementary and Middle School Administration/Principalship.
13.0409	Secondary School Administration/Principalship.
13.0411	Superintendency and Educational System Administration.
13.0501	Educational/Instructional Technology.
13.0607	Learning Sciences.
13.1001	Special Education and Teaching, General.
13.1003	Education/Teaching of Individuals with Hearing Impairments Including Deafness.
13.1005	Education/Teaching of Individuals with Emotional Disturbances.
13.1006	Education/Teaching of Individuals with Mental Retardation.
13.1007	Education/Teaching of Individuals with Multiple Disabilities.

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13.1008	Education/Teaching of Individuals with Orthopedic and Other Physical Health Impairments.
13.1009	Education/Teaching of Individuals with Vision Impairments Including Blindness.
13.1011	Education/Teaching of Individuals with Specific Learning Disabilities.
13.1012	Education/Teaching of Individuals with Speech or Language Impairments.
13.1013	Education/Teaching of Individuals with Autism.
13.1014	Education/Teaching of Individuals Who are Developmentally Delayed.
13.1016	Education/Teaching of Individuals with Traumatic Brain Injuries.
13.1017	Education/Teaching of Individuals in Elementary Special Education Programs.
13.1019	Education/Teaching of Individuals in Secondary Special Education Programs.
13.1101	Counselor Education/School Counseling and Guidance Services.
13.1102	College Student Counseling and Personnel Services.
13.1199	Student Counseling and Personnel Services, Other.
13.1201	Adult and Continuing Education and Teaching.
13.1202	Elementary Education and Teaching.
13.1203	Junior High/Intermediate/Middle School Education and Teaching.
13.1205	Secondary Education and Teaching.
13.1206	Teacher Education, Multiple Levels.
13.1209	Kindergarten/Preschool Education and Teaching.
13.1210	Early Childhood Education and Teaching.
13.1301	Agricultural Teacher Education.
13.1302	Art Teacher Education.
13.1303	Business Teacher Education.
13.1304	Driver and Safety Teacher Education.
13.1305	English/Language Arts Teacher Education.
13.1306	Foreign Language Teacher Education.
13.1307	Health Teacher Education.
13.1308	Family and Consumer Sciences/Home Economics Teacher Education.
13.1309	Technology Teacher Education/Industrial Arts Teacher Education.
13.1310	Sales and Marketing Operations/Marketing and Distribution Teacher Education.
13.1311	Mathematics Teacher Education.
13.1312	Music Teacher Education.
13.1314	Physical Education Teaching and Coaching.
13.1315	Reading Teacher Education.
13.1316	Science Teacher Education/General Science Teacher Education.
13.1317	Social Science Teacher Education.
13.1318	Social Studies Teacher Education.
13.1319	Technical Teacher Education.
13.1320	Trade and Industrial Teacher Education.

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13.1321	Computer Teacher Education.
13.1322	Biology Teacher Education.
13.1323	Chemistry Teacher Education.
13.1324	Drama and Dance Teacher Education.
13.1325	French Language Teacher Education.
13.1326	German Language Teacher Education.
13.1327	Health Occupations Teacher Education.
13.1328	History Teacher Education.
13.1329	Physics Teacher Education.
13.1330	Spanish Language Teacher Education.
13.1331	Speech Teacher Education.
13.1332	Geography Teacher Education.
13.1333	Latin Teacher Education.
13.1334	School Librarian/School Library Media Specialist.
13.1335	Psychology Teacher Education.
13.1337	Earth Science Teacher Education.
13.1338	Environmental Education.
13.1401	Teaching English as a Second or Foreign Language/ESL Language Instructor.
13.1501	Teacher Assistant/Aide.
13.1502	Adult Literacy Tutor/Instructor.
14.0801	Civil Engineering, General.
14.0802	Geotechnical and Geoenvironmental Engineering.
14.0803	Structural Engineering.
14.0804	Transportation and Highway Engineering.
14.0805	Water Resources Engineering.
14.0899	Civil Engineering, Other.
14.0901	Computer Engineering, General.
14.0903	Computer Software Engineering.
14.0999	Computer Engineering, Other.
14.1801	Materials Engineering.
14.1901	Mechanical Engineering.
14.3301	Construction Engineering.
14.3501	Industrial Engineering.
14.3601	Manufacturing Engineering.
14.3701	Operations Research.
14.4101	Electromechanical Engineering.
15.0501	Heating, Ventilation, Air Conditioning and Refrigeration Engineering Technology/Technician.
15.0506	Water Quality and Wastewater Treatment Management and Recycling Technology/Technician.
15.0614	Welding Engineering Technology/Technician.
15.0702	Quality Control Technology/Technician.

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15.0803	Automotive Engineering Technology/Technician.
15.1001	Construction Engineering Technology/Technician.
15.1102	Surveying Technology/Surveying.
15.1204	Computer Software Technology/Technician.
15.1501	Engineering/Industrial Management.
15.1503	Packaging Science.
16.0101	Foreign Languages and Literatures, General.
16.0500	Germanic Languages, Literatures, and Linguistics, General.
16.0900	Romance Languages, Literatures, and Linguistics, General.
16.0901	French Language and Literature.
16.0905	Spanish Language and Literature.
16.1203	Latin Language and Literature.
19.0101	Family and Consumer Sciences/Human Sciences, General.
19.0202	Family and Consumer Sciences/Human Sciences Communication.
19.0203	Consumer Merchandising/Retailing Management.
19.0505	Foodservice Systems Administration/Management.
19.0708	Child Care and Support Services Management.
19.0709	Child Care Provider/Assistant.
19.0710	Developmental Services Worker.
19.0905	Apparel and Textile Marketing Management.
22.0101	Law.
22.0201	Advanced Legal Research/Studies, General.
22.0202	Programs for Foreign Lawyers.
22.0203	American/U.S. Law/Legal Studies/Jurisprudence.
22.0204	Canadian Law/Legal Studies/Jurisprudence.
22.0205	Banking, Corporate, Finance, and Securities Law.
22.0206	Comparative Law.
22.0207	Energy, Environment, and Natural Resources Law.
22.0208	Health Law.
22.0209	International Law and Legal Studies.
22.0210	International Business, Trade, and Tax Law.
22.0211	Tax Law/Taxation.
22.0212	Intellectual Property Law.
22.0299	Legal Research and Advanced Professional Studies, Other.
22.0302	Legal Assistant/Paralegal.
23.0101	English Language and Literature, General.
23.1301	Writing, General.
23.1302	Creative Writing.
23.1303	Professional, Technical, Business, and Scientific Writing.
23.1304	Rhetoric and Composition.
23.1399	Rhetoric and Composition/Writing Studies, Other.
23.1401	General Literature.
23.1405	Children's and Adolescent Literature.

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23.1499	Literature, Other.
25.0101	Library and Information Science.
25.0102	Children and Youth Library Services.
25.0199	Library Science and Administration, Other.
25.0301	Library and Archives Assisting.
26.0101	Biology/Biological Sciences, General.
26.0999	Physiology, Pathology, and Related Sciences, Other.
26.1099	Pharmacology and Toxicology, Other.
26.1102	Biostatistics.
26.1103	Bioinformatics.
26.1309	Epidemiology.
27.0101	Mathematics, General.
27.0305	Financial Mathematics.
30.1601	Accounting and Computer Science.
31.0302	Golf Course Operation and Grounds Management.
31.0399	Parks, Recreation and Leisure Facilities Management, Other.
31.0501	Health and Physical Education/Fitness, General.
31.0504	Sport and Fitness Administration/Management.
31.0507	Physical Fitness Technician.
39.0201	Bible/Biblical Studies.
39.0301	Missions/Missionary Studies and Missiology.
39.0401	Religious Education.
39.0501	Religious/Sacred Music.
39.0601	Theology/Theological Studies.
39.0602	Divinity/Ministry.
39.0604	Pre-Theology/Pre-Ministerial Studies.
39.0605	Rabbinical Studies.
39.0699	Theological and Ministerial Studies, Other.
39.0701	Pastoral Studies/Counseling.
39.0702	Youth Ministry.
39.0703	Urban Ministry.
39.0704	Women's Ministry.
39.0705	Lay Ministry.
40.0101	Physical Sciences.
40.0501	Chemistry, General.
40.0801	Physics, General.
41.0301	Chemical Technology/Technician.
41.0303	Chemical Process Technology.
42.0101	Psychology, General.
42.2703	Developmental and Child Psychology.
42.2801	Clinical Psychology.
42.2803	Counseling Psychology.
42.2805	School Psychology.

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42.2807	Clinical Child Psychology.
42.2809	Geropsychology.
42.2810	Health/Medical Psychology.
42.2814	Applied Behavior Analysis.
43.0102	Corrections.
43.0103	Criminal Justice/Law Enforcement Administration.
43.0104	Criminal Justice/Safety Studies.
43.0107	Criminal Justice/Police Science.
43.0110	Juvenile Corrections.
43.0111	Criminalistics and Criminal Science.
43.0114	Law Enforcement Investigation and Interviewing.
43.0115	Law Enforcement Record-Keeping and Evidence Management.
43.0116	Cyber/Computer Forensics and Counterterrorism.
43.0117	Financial Forensics and Fraud Investigation.
43.0119	Critical Incident Response/Special Police Operations.
43.0120	Protective Services Operations.
43.0122	Maritime Law Enforcement.
43.0123	Cultural/Archaeological Resources Protection.
43.0199	Corrections and Criminal Justice, Other.
43.0201	Fire Prevention and Safety Technology/Technician.
43.0202	Fire Services Administration.
43.0203	Fire Science/Fire-fighting.
43.0206	Wildland/Forest Firefighting and Investigation.
43.0299	Fire Protection, Other.
43.0301	Homeland Security.
43.0302	Crisis/Emergency/Disaster Management.
43.0303	Critical Infrastructure Protection.
43.0304	Terrorism and Counterterrorism Operations.
44.0000	Human Services, General.
44.0201	Community Organization and Advocacy.
44.0401	Public Administration.
44.0501	Public Policy Analysis, General.
44.0502	Education Policy Analysis.
44.0503	Health Policy Analysis.
44.0701	Social Work.
44.0702	Youth Services/Administration.
44.0799	Social Work, Other.
45.0101	Social Sciences, General.
45.0602	Applied Economics.
46.0000	Construction Trades, General.
46.0101	Mason/Masonry.
46.0201	Carpentry/Carpenter.
46.0301	Electrical and Power Transmission Installation/Installer, General.



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46.0302	Electrician.
46.0303	Lineworker.
46.0399	Electrical and Power Transmission Installers, Other.
46.0401	Building/Property Maintenance.
46.0402	Concrete Finishing/Concrete Finisher.
46.0403	Building/Home/Construction Inspection/Inspector.
46.0404	Drywall Installation/Drywaller.
46.0406	Glazier.
46.0408	Painting/Painter and Wall Coverer.
46.0410	Roofer.
46.0411	Metal Building Assembly/Assembler.
46.0412	Building/Construction Site Management/Manager.
46.0413	Carpet, Floor, and Tile Worker.
46.0414	Insulator.
46.0415	Building Construction Technology.
46.0502	Pipefitting/Pipefitter and Sprinkler Fitter.
46.0503	Plumbing Technology/Plumber.
46.0504	Well Drilling/Driller.
46.0505	Blasting/Blaster.
46.0599	Plumbing and Related Water Supply Services, Other.
47.0102	Business Machine Repair.
47.0103	Communications Systems Installation and Repair Technology.
47.0104	Computer Installation and Repair Technology/Technician.
47.0110	Security System Installation, Repair, and Inspection Technology/Technician.
47.0201	Heating, Air Conditioning, Ventilation and Refrigeration Maintenance Technology/Technician.
47.0302	Heavy Equipment Maintenance Technology/Technician.
47.0303	Industrial Mechanics and Maintenance Technology.
47.0600	Vehicle Maintenance and Repair Technologies, General.
47.0603	Autobody/Collision and Repair Technology/Technician.
47.0604	Automobile/Automotive Mechanics Technology/Technician.
47.0605	Diesel Mechanics Technology/Technician.
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician.
47.0608	Aircraft Powerplant Technology/Technician.
47.0612	Vehicle Emissions Inspection and Maintenance Technology/Technician.
47.0613	Medium/Heavy Vehicle and Truck Technology/Technician.
47.0614	Alternative Fuel Vehicle Technology/Technician.
47.0617	High Performance and Custom Engine Technician/Mechanic.
47.0618	Recreation Vehicle (RV) Service Technician.
48.0501	Machine Tool Technology/Machinist.
48.0503	Machine Shop Technology/Assistant.
48.0506	Sheet Metal Technology/Sheetworking.

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48.0508	Welding Technology/Welder.
48.0510	Computer Numerically Controlled (CNC) Machinist Technology/CNC Machinist.
48.0511	Metal Fabricator.
48.0701	Woodworking, General.
48.0703	Cabinetmaking and Millwork.
49.0101	Aeronautics/Aviation/Aerospace Science and Technology, General.
49.0104	Aviation/Airway Management and Operations.
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation.
49.0205	Truck and Bus Driver/Commercial Vehicle Operator and Instructor.
49.0206	Mobil Crane Operation/Operator.
49.0207	Flagging and Traffic Control.
49.0208	Railroad and Railway Transportation.
50.0101	Visual and Performing Arts, General.
50.0102	Digital Arts.
50.0201	Crafts/Craft Design, Folk Art and Artisanry.
50.0301	Dance, General.
50.0302	Ballet.
50.0399	Dance, Other.
50.0401	Design and Visual Communications, General.
50.0402	Commercial and Advertising Art.
50.0404	Industrial and Product Design.
50.0406	Commercial Photography.
50.0407	Fashion/Apparel Design.
50.0409	Graphic Design.
50.0501	Drama and Dramatics/Theatre Arts, General.
50.0502	Technical Theatre/Theatre Design and Technology.
50.0504	Playwriting and Screenwriting.
50.0505	Theatre Literature, History and Criticism.
50.0507	Directing and Theatrical Production.
50.0509	Musical Theatre.
50.0510	Costume Design.
50.0599	Dramatic/Theatre Arts and Stagecraft, Other.
50.0601	Film/Cinema/Video Studies.
50.0602	Cinematography and Film/Video Production.
50.0605	Photography.
50.0607	Documentary Production.
50.0699	Film/Video and Photographic Arts, Other.
50.0701	Art/Art Studies, General.
50.0702	Fine/Studio Arts, General.
50.0703	Art History, Criticism and Conservation.
50.0706	Intermedia/Multimedia.
50.0708	Painting.

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50.0709	Sculpture.
50.0710	Printmaking.
50.0711	Ceramic Arts and Ceramics.
50.0712	Fiber, Textile and Weaving Arts.
50.0713	Metal and Jewelry Arts.
50.0799	Fine Arts and Art Studies, Other.
50.0901	Music, General.
50.0902	Music History, Literature, and Theory.
50.0903	Music Performance, General.
50.0904	Music Theory and Composition.
50.0905	Musicology and Ethnomusicology.
50.0906	Conducting.
50.0907	Keyboard Instruments.
50.0908	Voice and Opera.
50.0910	Jazz/Jazz Studies.
50.0911	Stringed Instruments.
50.0912	Music Pedagogy.
50.0913	Music Technology.
50.0914	Brass Instruments.
50.0915	Woodwind Instruments.
50.0916	Percussion Instruments.
50.0999	Music, Other.
50.1001	Arts, Entertainment, and Media Management, General.
50.1002	Fine and Studio Arts Management.
50.1003	Music Management.
50.1004	Theatre/Theatre Arts Management.
50.1099	Arts, Entertainment, and Media Management, Other.
50.9999	Visual and Performing Arts, Other.
51.0101	Chiropractic.
51.0201	Communication Sciences and Disorders, General.
51.0202	Audiology/Audiologist.
51.0203	Speech-Language Pathology/Pathologist.
51.0204	Audiology/Audiologist and Speech-Language Pathology/Pathologist.
51.0299	Communication Disorders Sciences and Services, Other.
51.0401	Dentistry.
51.0501	Dental Clinical Sciences, General.
51.0502	Advanced General Dentistry.
51.0509	Pediatric Dentistry/Pedodontics.
51.0601	Dental Assisting/Assistant.
51.0602	Dental Hygiene/Hygienist.
51.0603	Dental Laboratory Technology/Technician.
51.0701	Health/Health Care Administration/Management.
51.0702	Hospital and Health Care Facilities Administration/Management.

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51.0704	Health Unit Manager/Ward Supervisor.
51.0705	Medical Office Management/Administration.
51.0706	Health Information/Medical Records Administration/Administrator.
51.0707	Health Information/Medical Records Technology/Technician.
51.0708	Medical Transcription/Transcriptionist.
51.0709	Medical Office Computer Specialist/Assistant.
51.0710	Medical Office Assistant/Specialist.
51.0711	Medical/Health Management and Clinical Assistant/Specialist.
51.0712	Medical Reception/Receptionist.
51.0713	Medical Insurance Coding Specialist/Coder.
51.0714	Medical Insurance Specialist/Medical Biller.
51.0715	Health/Medical Claims Examiner.
51.0716	Medical Administrative/Executive Assistant and Medical Secretary.
51.0718	Long Term Care Administration/Management.
51.0719	Clinical Research Coordinator.
51.0801	Medical/Clinical Assistant.
51.0802	Clinical/Medical Laboratory Assistant.
51.0803	Occupational Therapist Assistant.
51.0805	Pharmacy Technician/Assistant.
51.0806	Physical Therapy Technician/Assistant.
51.0808	Veterinary/Animal Health Technology/Technician and Veterinary Assistant.
51.0809	Anesthesiologist Assistant.
51.0813	Chiropractic Assistant/Technician.
51.0901	Cardiovascular Technology/Technologist.
51.0902	Electrocardiograph Technology/Technician.
51.0903	Electroneurodiagnostic/Electroencephalographic Technology/Technologist.
51.0904	Emergency Medical Technology/Technician (EMT Paramedic).
51.0905	Nuclear Medical Technology/Technologist.
51.0906	Perfusion Technology/Perfusionist.
51.0907	Medical Radiologic Technology/Science - Radiation Therapist.
51.0908	Respiratory Care Therapy/Therapist.
51.0909	Surgical Technology/Technologist.
51.0910	Diagnostic Medical Sonography/Sonographer and Ultrasound Technician.
51.0911	Radiologic Technology/Science - Radiographer.
51.0912	Physician Assistant.
51.0915	Cardiopulmonary Technology/Technologist.
51.0919	Mammography Technician/Technology.
51.1001	Blood Bank Technology Specialist.
51.1002	Cytotechnology/Cytotechnologist.
51.1003	Hematology Technology/Technician.
51.1004	Clinical/Medical Laboratory Technician.

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51.1005	Clinical Laboratory Science/Medical Technology/Technologist.
51.1007	Histologic Technology/Histotechnologist.
51.1008	Histologic Technician.
51.1009	Phlebotomy Technician/Phlebotomist.
51.1010	Cytogenetics/Genetics/Clinical Genetics Technology/Technologist.
51.1099	Clinical/Medical Laboratory Science and Allied Professions, Other.
51.1201	Medicine.
51.1501	Substance Abuse/Addiction Counseling.
51.1503	Clinical/Medical Social Work.
51.1506	Clinical Pastoral Counseling/Patient Counseling.
51.1507	Psychoanalysis and Psychotherapy.
51.1508	Mental Health Counseling/Counselor.
51.1701	Optometry.
51.1801	Opticianry/Ophthalmic Dispensing Optician.
51.1901	Osteopathic Medicine/Osteopathy.
51.2001	Pharmacy.
51.2002	Pharmacy Administration and Pharmacy Policy and Regulatory Affairs.
51.2003	Pharmaceutics and Drug Design.
51.2004	Medicinal and Pharmaceutical Chemistry.
51.2005	Natural Products Chemistry and Pharmacognosy.
51.2006	Clinical and Industrial Drug Development.
51.2007	Pharmacoeconomics/Pharmaceutical Economics.
51.2008	Clinical, Hospital, and Managed Care Pharmacy.
51.2009	Industrial and Physical Pharmacy and Cosmetic Sciences.
51.2010	Pharmaceutical Sciences.
51.2011	Pharmaceutical Marketing and Management.
51.2099	Pharmacy, Pharmaceutical Sciences, and Administration, Other.
51.2201	Public Health, General.
51.2202	Environmental Health.
51.2205	Health/Medical Physics.
51.2206	Occupational Health and Industrial Hygiene.
51.2207	Public Health Education and Promotion.
51.2208	Community Health and Preventive Medicine.
51.2211	Health Services Administration.
51.2212	Behavioral Aspects of Health.
51.2301	Art Therapy/Therapist.
51.2302	Dance Therapy/Therapist.
51.2305	Music Therapy/Therapist.
51.2306	Occupational Therapy/Therapist.
51.2307	Orthotist/Prosthetist.
51.2308	Physical Therapy/Therapist.
51.2309	Therapeutic Recreation/Recreational Therapy.
51.2310	Vocational Rehabilitation Counseling/Counselor.

# ADHE STATEWIDE HIGH DEMAND LIST

## For Productivity Funding Model

*Developed from DWS FY2017 and FY2018 Statewide High Demand Lists*

51.2311	Kinesiotherapy/Kinesiotherapist.
51.2313	Animal-Assisted Therapy.
51.2314	Rehabilitation Science.
51.2401	Veterinary Medicine.
51.2501	Veterinary Sciences/Veterinary Clinical Sciences, General.
51.2502	Veterinary Anatomy.
51.2503	Veterinary Physiology.
51.2504	Veterinary Microbiology and Immunobiology.
51.2505	Veterinary Pathology and Pathobiology.
51.2506	Veterinary Toxicology and Pharmacology.
51.2507	Large Animal/Food Animal and Equine Surgery and Medicine.
51.2508	Small/Companion Animal Surgery and Medicine.
51.2509	Comparative and Laboratory Animal Medicine.
51.2510	Veterinary Preventive Medicine, Epidemiology, and Public Health.
51.2511	Veterinary Infectious Diseases.
51.2599	Veterinary Biomedical and Clinical Sciences, Other.
51.2601	Health Aide.
51.2602	Home Health Aide/Home Attendant.
51.2604	Rehabilitation Aide.
51.2706	Medical Informatics.
51.3501	Massage Therapy/Therapeutic Massage.
51.3502	Asian Bodywork Therapy.
51.3602	Yoga Teacher Training/Yoga Therapy.
51.3603	Hypnotherapy/Hypnotherapist.
51.3801	Registered Nursing/Registered Nurse.
51.3802	Nursing Administration.
51.3803	Adult Health Nurse/Nursing.
51.3804	Nurse Anesthetist.
51.3805	Family Practice Nurse/Nursing.
51.3806	Maternal/Child Health and Neonatal Nurse/Nursing.
51.3807	Nurse Midwife/Nursing Midwifery.
51.3808	Nursing Science.
51.3809	Pediatric Nurse/Nursing.
51.3810	Psychiatric/Mental Health Nurse/Nursing.
51.3811	Public Health/Community Nurse/Nursing.
51.3812	Perioperative/Operating Room and Surgical Nurse/Nursing.
51.3813	Clinical Nurse Specialist.
51.3814	Critical Care Nursing.
51.3815	Occupational and Environmental Health Nursing.
51.3816	Emergency Room/Trauma Nursing.
51.3817	Nursing Education.
51.3818	Nursing Practice.
51.3819	Palliative Care Nursing.

# ADHE STATEWIDE HIGH DEMAND LIST

## For Productivity Funding Model

*Developed from DWS FY2017 and FY2018 Statewide High Demand Lists*

51.3820	Clinical Nurse Leader.
51.3821	Geriatric Nurse/Nursing.
51.3822	Women's Health Nurse/Nursing.
51.3899	Registered Nursing, Nursing Administration, Nursing Research and Clinical Nursing, Other.
51.3901	Licensed Practical/Vocational Nurse Training.
51.3902	Nursing Assistant/Aide and Patient Care Assistant/Aide.
51.3999	Practical Nursing, Vocational Nursing and Nursing Assistants, Other.
52.0101	Business/Commerce, General.
52.0201	Business Administration and Management, General.
52.0202	Purchasing, Procurement/Acquisitions and Contracts Management.
52.0203	Logistics, Materials, and Supply Chain Management.
52.0204	Office Management and Supervision.
52.0205	Operations Management and Supervision.
52.0206	Non-Profit/Public/Organizational Management.
52.0207	Customer Service Management.
52.0208	E-Commerce/Electronic Commerce.
52.0209	Transportation/Mobility Management.
52.0210	Research and Development Management.
52.0211	Project Management.
52.0212	Retail Management.
52.0213	Organizational Leadership.
52.0301	Accounting.
52.0302	Accounting Technology/Technician and Bookkeeping.
52.0303	Auditing.
52.0304	Accounting and Finance.
52.0305	Accounting and Business/Management.
52.0401	Administrative Assistant and Secretarial Science, General.
52.0402	Executive Assistant/Executive Secretary.
52.0406	Receptionist.
52.0407	Business/Office Automation/Technology/Data Entry.
52.0408	General Office Occupations and Clerical Services.
52.0409	Parts, Warehousing, and Inventory Management Operations.
52.0410	Traffic, Customs, and Transportation Clerk/Technician.
52.0411	Customer Service Support/Call Center/Teleservice Operation.
52.0501	Business/Corporate Communications.
52.0701	Entrepreneurship/Entrepreneurial Studies.
52.0702	Franchising and Franchise Operations.
52.0801	Finance, General.
52.0803	Banking and Financial Support Services.
52.0804	Financial Planning and Services.
52.0806	International Finance.
52.0807	Investments and Securities.

# ADHE STATEWIDE HIGH DEMAND LIST

## For Productivity Funding Model

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52.0808	Public Finance.
52.0809	Credit Management.
52.0899	Finance and Financial Management Services, Other.
52.0901	Hospitality Administration/Management, General.
52.0904	Hotel/Motel Administration/Management.
52.0905	Restaurant/Food Services Management.
52.0906	Resort Management.
52.0909	Hotel, Motel, and Restaurant Management.
52.1001	Human Resources Management/Personnel Administration, General.
52.1002	Labor and Industrial Relations.
52.1003	Organizational Behavior Studies.
52.1005	Human Resources Development.
52.1099	Human Resources Management and Services, Other.
52.1101	International Business/Trade/Commerce.
52.1201	Management Information Systems, General.
52.1206	Information Resources Management.
52.1207	Knowledge Management.
52.1301	Management Science.
52.1302	Business Statistics.
52.1304	Actuarial Science.
52.1401	Marketing/Marketing Management, General.
52.1402	Marketing Research.
52.1403	International Marketing.
52.1499	Marketing, Other.
52.1501	Real Estate.
52.1601	Taxation.
52.1701	Insurance.
52.1801	Sales, Distribution, and Marketing Operations, General.
52.1802	Merchandising and Buying Operations.
52.1803	Retailing and Retail Operations.
52.1804	Selling Skills and Sales Operations.
52.1899	General Merchandising, Sales, and Related Marketing Operations, Other.
52.1902	Fashion Merchandising.
52.1904	Apparel and Accessories Marketing Operations.
52.1907	Vehicle and Vehicle Parts and Accessories Marketing Operations.
52.1908	Business and Personal/Financial Services Marketing Operations.
52.1909	Special Products Marketing Operations.
52.1910	Hospitality and Recreation Marketing Operations.
52.2001	Construction Management.
52.2101	Telecommunications Management.
54.0101	History, General.
60.0102	Dental Public Health Residency Program.
60.0106	Pediatric Dentistry Residency Program.



# ADHE STATEWIDE HIGH DEMAND LIST

## For Productivity Funding Model

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60.0301	Veterinary Anesthesiology Residency Program.
60.0302	Veterinary Dentistry Residency Program.
60.0303	Veterinary Dermatology Residency Program.
60.0304	Veterinary Emergency and Critical Care Medicine Residency Program.
60.0305	Veterinary Internal Medicine Residency Program.
60.0306	Laboratory Animal Medicine Residency Program.
60.0307	Veterinary Microbiology Residency Program.
60.0308	Veterinary Nutrition Residency Program.
60.0309	Veterinary Ophthalmology Residency Program.
60.0310	Veterinary Pathology Residency Program.
60.0311	Veterinary Practice Residency Program.
60.0312	Veterinary Preventive Medicine Residency Program.
60.0313	Veterinary Radiology Residency Program.
60.0314	Veterinary Surgery Residency Program.
60.0315	Theriogenology Residency Program.
60.0316	Veterinary Toxicology Residency Program.
60.0317	Zoological Medicine Residency Program.
60.0318	Poultry Veterinarian Residency Program.
60.0319	Veterinary Behaviorist Residency Program.
60.0320	Veterinary Clinical Pharmacology Residency Program.
60.0399	Veterinary Residency Programs, Other.
60.0409	Colon and Rectal Surgery Residency Program.
60.0413	Family Medicine Residency Program.
60.0414	General Surgery Residency Program.
60.0416	Neurological Surgery Residency Program.
60.0422	Orthopedic Surgery Residency Program.
60.0427	Plastic Surgery Residency Program.
60.0432	Thoracic Surgery Residency Program.
60.0434	Vascular Surgery Residency Program.
60.0510	Congenital Cardiac Surgery Residency Program.
60.0547	Orthopedic Surgery of the Spine Residency Program.
60.0558	Pediatric Orthopedics Residency Program.
60.0565	Pediatric Surgery Residency Program.
60.0569	Plastic Surgery Within the Head and Neck Residency Program.
60.0578	Surgery of the Hand Residency Program.
60.0579	Surgical Critical Care Residency Program.