

Cook County Occupations by Annual Openings

Related Moraine Valley Program Areas

Jobs Requiring An Associate's Degree* 2008- 2018

Occupational Title	Avg Annual Openings	Median Hourly Wages	Degree or Certificate
Registered Nurses	1,986	\$32.81	Nursing AAS
Elementary School Teachers excluding Special Ed**	1,485	\$38.94	Paraprofessional Educator AAS Paraprofessional Educator Cert
Secondary School Teachers excluding Spec/Voc Ed**	1,055	\$46.88	Paraprofessional Educator AAS Paraprofessional Educator Cert
Computer Support Specialists	389	\$24.23	Computer & Local Area Network Tech AAS Computer Technician Cert LAN Technician Cert Network Administrator Cert Internet Specialist AAS Cisco Network Associate Cert Cisco Network Professional Cert Microsoft Professional IT Security Specialist AAS Network Security Specialist Cert Management Information Systems AAS
Network & Computer Systems Administrators**	277	\$37.16	Network Administrator Cert
Computer Software Engineers, Applications**	262	\$43.67	Computer Graphics- Digital Art/Design AAS Microsoft Application Developer Cert Software Developer Cert
Computer Programmers**	209	\$34.48	C++ Programmer Cert C# Programmer Cert Java Programmer Cert RPG Programmer Cert Visual Basic .NET Programmer Cert Voice & Data Specialist AAS Website Designer Cert Website Developer Cert
Paralegal & Legal Assistants	203	\$28.52	Legal Office Assistant Cert
Computer Specialist, other	198	\$35.81	
Marketing Managers***	185	\$50.05	E-Commerce Generalist Cert Marketing and Management AAS
Training & Development Specialist**	156	\$26.16	Employee Training and Development Cert
Dental Hygienist	136	\$32.16	
Compensation & Benefits Specialist**	127	\$28.34	Human Resources Management AAS
Medical Records & Health Information Technicians	113	\$15.91	Health Information Technology AAS Coding Specialist Cert
Veterinarian Techs	91	\$15.37	
Interior Designers	87	\$22.62	
Radiologic Technologist/Technicians	74	\$28.90	Radiologic Technology AAS

Jobs Requiring An Associate's Degree*, 2008- 2018, Continued

Occupational Title	Avg. Annual Openings	Median Hourly Wages	Degree or Certificate
Physical Therapy Assistants	72	\$24.84	
Respiratory Therapists	70	\$27.24	Respiratory Therapy Technology AAS
Medical & Clinical Lab Technicians	65	\$18.59	Phlebotomy Cert Polysomnography Cert
Environmental Sci & Protection Tech	56	\$20.32	
Life, Physical, Social Sci Techs, Other	46	\$22.10	Addiction Studies AAS Addiction Studies Cert Psychiatric Rehabilitation Tech Cert
Electrical & Electronic Engineering Technicians	42	\$27.04	Electronic/ Computer Controls Technician AAS Electronic Controls Tech Cert Electronics Technician Cert Electrical Troubleshooting Cert Integrated Systems Tech Cert Mechanical and Fluid Power Maintenance Cert
Broadcast Technicians	39	\$18.28	
Engineering Technicians (excl Drafters)	30	\$26.70	
Occupational Therapist Asst	30	\$26.32	
Cardiovascular Technologists	28	\$20.53	
Medical Equipment Repairers	28	\$19.29	
Biological Technicians	25	\$18.65	
Industrial Engineering Technician	22	\$22.47	
Civil Engineering Technicians	21	\$25.27	
Environmental Eng Technicians	20	\$23.97	
Diagnostic Medical Sonographers	19	\$34.80	
Forensic Science Technicians	19	\$30.58	
Chemical Technicians	17	\$20.16	
Fashion Designer	16	\$17.14	
Radiation Therapists	13	\$37.09	
Funeral Directors	12	\$32.76	
Mechanical Engineering Technicians	10	\$26.82	Mechanical Design and Drafting/CAD AAS 3-D CAD Cert Computer Animation Cert Mechanical Design CAD Cert Mechanical Design Drafting Cert

*Jobs Requiring an Associate Degree- Occupations that require the completion of at least two years of full-time academic study beyond high school

** Jobs Requiring a Bachelor's Degree- Occupations that require the completion of at least 4 but not more than 5 years of full-time academic study beyond high school resulting in a Bachelor's degree.

***Jobs Requiring a Bachelor's Degree or Higher and Some Work Experience- Occupations that generally require work experience in an occupation requiring a Bachelor's or higher degree. Most occupations in this category are managerial occupations that require work experience in a related non-managerial occupation.

Sources: Economic Modeling Specialist Incorporated (EMSI)

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Jobs Requiring Postsecondary Vocational Education* 2008- 2018

Occupational Title	Avg Annual Openings	Median Hourly Wages	Degree or Certificate
Real Estate Sales Agents	1,877	\$8.72	
Nursing Aides, Orderlies/Attendants	836	\$11.63	Basic Nurse Assistant Cert
Hairdressers/Stylists/Cosmetologists	589	\$14.99	
Licensed Practical/Vocational Nurses	471	\$21.40	Licensed Practical Nurse Cert
Preschool Teachers (excl spec ed)	444	\$12.41	
Automotive Service Technicians and Mechanics	432	\$19.52	Automotive Technology AAS Automotive Climate Control Tech Cert Automotive Service Technician Cert Brake and Chassis Technician Cert Drivetrain Technician Cert Engine Drivability Technician Cert
Fitness Trainers/ Aerobics Instructors	359	\$14.96	Fitness Trainer Cert
Legal Secretaries	270	\$23.14	Legal Office Assistant Cert
Appraiser & Assessors of Real Estate	237	\$11.97	
Medical Secretaries	182	\$17.02	Medical Secretary AAS Medical Secretary Cert Medical Billing Cert
Emergency Medical Techs/Paramedics	159	\$18.92	Emergency Medical Services Cert
Healthcare Technologist/Technicians	153	\$17.98	
Massage Therapist	149	\$17.58	Massage Therapy Cert
Library Technicians	134	\$14.91	
Healthcare Practitioners and Technical Workers, AO	132	\$20.59	
Bus/Truck Mechanics and Diesel Engine Specialist	95	\$21.63	
Manicurist & Pedicurist	75	\$13.18	
Skin Care Specialists	65	\$17.93	
Medical Transcriptionist	64	\$13.15	Medical Transcription Cert
Barbers	59	\$16.39	
Surgical Technologists	50	\$21.30	
Mobile Heavy Equipment Mechanics	47	\$24.35	
Travel Agents	47	\$16.60	Travel Business Management AAS Travel-Tourism Cert
Aircraft Mechanics & Service Techs	40	\$29.96	

Jobs Requiring Postsecondary Vocational Education*, Continued 2008- 2018

Occupational Title	Avg Annual Openings	Median Hourly Wages	Degree or Certificate
Architectural & Civil Drafters	38	\$21.70	Architectural CAD Cert CAD Programming/Management Cert
Security/Fire Alarm System Installers	34	\$21.27	
Computer, Automated Teller, & Office Machine Repairers	31	\$21.56	
Slot Key Person	30	\$8.54	
Jewelers/Prec Stone & Metal Wrkers	22	\$15.11	
Mechanical Drafters	21	\$25.12	
Electronic Home Entertainment Equip Installers & Repairers	18	\$17.95	
Sound Engineering Technicians	18	\$19.38	
Drafters (all other)	17	\$22.70	
Prepress Technicians & Workers	17	\$19.76	
Commercial Pilots	16	\$23.57	
Electrical/Electronics Equip Repairers (Commercial/Industrial)	15	\$31.44	
Electric Motor/Power Tool & Related Repairers	15	\$22.37	
Desktop Publishers	13	\$16.75	Desktop Publisher and Graphics Cert
Gaming Dealers	13	\$11.72	
Electrical & Electronics Drafters	12	\$28.18	
Court Reporters	9	\$10.24	
Avionics Technicians	6	\$27.19	
Ship Engineers	6	\$38.27	
Electronic Equipment Installers & Repairers (Motor Vehicles)	3	\$14.49	
Elec Repairers, Powr/Substatn/Relay	3	\$27.48	
Embalmers	3	\$20.72	
Makeup Artist for Theatrical and Performances	3	\$12.12	
Occupational Health & Safety Techs	3	\$19.55	
Radio Mechanics	2	\$17.61	
Electrical/Electronics Installers & Repairers (for Trans Equip)	1	\$18.68	
Farm Equipment Mechanics	1	\$18.24	

*Post-Secondary Vocational Education- Occupations that require completion of vocational school training.

Sources: Economic Modeling Specialist Incorporated (EMSI)

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Jobs Requiring Work Experience in a Related Occupation* 2008- 2018

Occupational Title	Avg Annual Openings	Median Hourly Wages	Degree or Certificate
Managers, All Other	2,035	\$29.52	Business Skills Cert Business Administration Associate AAS Business Administration Associate Cert Small Business Management Cert
Mgrs of Non-Retail Sales Workers	787	\$23.17	
Mgrs of Office and Administrative Support Workers	773	\$25.71	Data Entry Cert
Mgrs of Retail Sales Workers	682	\$14.64	Marketing and Management AAS
Real Estate Brokers	587	\$9.22	
Mgrs of Housekeeping & Janitorial	432	\$10.85	
Food Service Managers	337	\$16.91	Restaurant/ Hotel Management AAS Beverage Management Restaurant/ Hotel Management Cert Meeting Planner Cert
Self-Enrichment Education Teachers	312	\$14.97	
Mgrs of Food Preparation & Serving Workers	283	\$15.70	Culinary Arts Management AAS Culinary Arts Management Cert
Mgrs of Personal Service Workers	268	\$17.52	
Mgrs of Construction Trades and Extraction Workers	220	\$29.56	Stationary Engineering AAS
Purchasing Agents (excluding Wholesale, Retail, & Farm Products)	204	\$26.52	
Mgrs of Prod/Oper Workers	189	\$27.34	
Mgrs of Mechanics/Installers/Repairers	186	\$32.73	
Mgrs of Police & Detectives	126	\$48.54	
Cost Estimators	119	\$31.71	
Mgrs of Helpers/ Laborers	97	\$22.75	
New Account Clerks	89	\$17.60	
Supervisors/ Managers of Fire Fighting & Prevention Workers	88	\$55.76	Fire Service Management AAS Fire Inspection Cert
Transportation, Storage, and Distribution Managers	86	\$33.18	Supply Chain Management Cert

Note: Annual Openings = New + Replacement Jobs

Jobs Requiring Work Experience in a Related Occupation* 2008- 2018, Continued

Occupational Title	Avg Annual Openings	Median Hourly Wages	Degree or Certificate
Private Detectives & Investigators	84	\$13.78	Private Protective Services AAS
Industrial Production Mgrs	68	\$42.94	
Mgrs of Landscaping, Lawn Service, & Groundskeeping	66	\$16.49	
Mgrs of Protective Service Workers	60	\$18.42	
Mgrs of Transportation/Material-Moving Machine & Vehicle Operators	60	\$26.06	
Lodging Managers	59	\$18.79	Meeting Planner Cert
Gaming Supervisors	52	\$9.82	
Wholesale/Retail Buyers (except Farm)	47	\$23.96	
Chefs and Head Cooks	43	\$16.50	
Construction & Building Inspectors	41	\$28.83	
Capt/Mates/Pilots of Water Vessels	20	\$21.01	
Choreographers	17	\$13.15	
Transportation Inspectors	15	\$22.89	
Mgrs of Correctional Officers	12	\$33.82	
Graders/Sorters for Agricultural Products	9	\$9.16	
Gaming Managers	8	\$10.82	
Agricultural Inspectors	7	\$16.63	
Mgrs of Aircraft Cargo Handlers	5	\$21.39	
Supvs of Farming/Fishing/Forestry Work	5	\$19.78	
Fire Inspectors & Investigators	5	\$31.52	Firefighter Specialist Cert
Emergency Management Specialists	3	\$30.53	
Purchasing Agents and Buyers for Farm Products	3	\$29.62	
Postmaster/ Mail Superintendents	2	\$37.40	
Forest Fire Inspectors & Prevention Specialists	1	\$18.68	

*Jobs Requiring Work Experience in a Related Occupation- Occupations requiring experience in lower-level related jobs prior to promotion into these occupations

Source: Economic Modeling Specialist Incorporated (EMSI)

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Jobs Requiring Long-Term On-The-Job Training* 2008- 2018

Occupational Title	Avg Annual Openings	Median Hourly Wages	Degree or Certificate
Photographers	591	\$20.23	
Restaurant Cooks	483	\$11.17	
Carpenters	454	\$26.39	
Police & Sheriff's Patrol Officers	431	\$38.54	Criminal Justice AAS
Musicians and Singers	366	\$10.34	
Electricians	360	\$34.05	
Fire Fighters	335	\$32.93	
Plumbers, Pipefitters, & Steamfitters	308	\$33.14	
Flight Attendants	239	\$22.43	
Coaches and Scouts	207	\$15.42	
Claims Adjusters/Examnrs/Invstgatr	206	\$29.03	
Machinist	172	\$18.08	
Compliance Officer (Excl Agric, Const, Health/Safety, & Transp)	163	\$22.37	
Welders, Cutters, Solderers, and Brazers	161	\$16.19	Individualized Welding Cert Multi-Process Welding Cert Pipe Welding Cert Shielded Metal Arc Welding Cert Welding, Advanced & Combination Cert
Butchers and Meat Cutters	131	\$13.22	
Interpreters & Trnslators	130	\$25.08	
Bakers	114	\$10.85	Baking/ Pastry Arts Cert
Heating, Air Conditioning, and Refrigeration Mechanics & Installers	106	\$23.51	HAC Stationary Engineer Cert Heating and Air Conditioning Cert Advanced Air Conditioning Cert Basic Air Conditioning Cert Electrical Troubleshooting Cert
Telecommunication Eqpt Installers/ Repairers (Excl Line Installers)	103	\$28.99	
Media & Communication Workers	94	\$22.92	
Automotive Body & Rel Repairers	86	\$22.40	
Sheet Metal Workers	82	\$34.40	
Ent. & Performers (sports) AO	78	\$8.78	

*Jobs Requiring Long-Term On-The-Job Training- Require more than one year of on-the-job training or a combination of classroom instruction and work experience

Source: Economic Modeling Specialist Incorporated (EMSI)

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Jobs Requiring Moderate-Term On-The-Job Training* 2008- 2018

Occupational Title	Avg Annual Openings	Median Hourly Wages	Degree or Certificate
Child Care Workers**	2,434	\$8.43	Child Care AAS
Customer Service Representative	1,972	\$17.39	
Security Guards**	1,026	\$10.82	Security Services Cert
Truck Driver, Heavy/Tractor Trailer	990	\$19.55	
Executive Secretaries & Admin Asst	804	\$22.54	Office Systems & Applications AAS Administrative Assistant Cert Microsoft Office Specialist Cert PC Applications Help Desk Cert
Bookkeeping, Accounting, and Auditing Clerks	731	\$17.68	Accounting Assistant/ Clerk Cert Receptionist/ Office Assistant Cert
Sales Rep Wholesale/Manufacturing	723	\$27.18	
Maintenance & Repair, General	601	\$19.63	
Teacher Assistants**	598	\$14.15	Paraprofessional Educator AAS & Cert
Team Assemblers	560	\$10.83	
Construction Laborers	524	\$19.04	
Secretaries Except Legal/Medical/Exec	506	\$15.71	
Sales Representative (Service) AO	477	\$25.29	Marketing and Management AAS
Production Workers	386	\$13.85	
Pharmacy Technicians	312	\$14.07	
Social & Human Services Assistants	290	\$13.16	
Recreation Workers**	289	\$9.92	Recreation Management AAS
Billing/Posting Clerks & Mach Oper	271	\$16.65	
Medical Assistants	260	\$15.24	Medical Assistant Cert
Dental Assistants	245	\$16.02	
Sales Rep Wholesale/Manufacturing Technical/Scientific	235	\$31.44	
Cooks, Institutions & Cafeteria	229	\$11.87	
Assemblers & Favricators AO	189	\$11.55	
Painters, Constr, & Maint	181	\$19.41	
Cargo & Freight Agents	179	\$18.53	
Sales & Related Workers AO	177	\$14.86	
Healthcare Support Workers, AO**	163	\$15.40	Recreation Therapy AAS
Inspectors, Testers, Sorters, Samplers, & Weighers	158	\$15.70	
Data Entry Keyers	155	\$13.20	Data Entry Cert

*Jobs Requiring Moderate-Term On-The-Job Training- Require one to twelve months of combined on-the-job training and informal classroom activities.

**Jobs Requiring Short-Term On-The-Job Training- Occupations in which workers can develop skills needed after a short demonstration or up to one month of on-the-job experience and instruction.

Source: Economic Modeling Specialist Incorporated (EMSI)