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Industry Insights: Exploring Job Market Statistics and Certification Demands

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Welcome



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Data, Research and Grant Writing

Part 1: Understanding Job Market Statistics

- What is LMI?
- Top Occupations in our Region

Part 2: Exploring Certification Demands

- Overview of Popular Certifications Across Industries
- How Certifications Enhance Employability and Career Advancement
- Identification of Emerging Sectors and Opportunities

Part 3: Resources and Discussion

- Using Stats to Develop Solid Programs
- Free Resources
- Questions

What is LMI?

What is Labor Market Information?

- Size and characteristics of the labor market
- Demand for and supply of labor
- Education, skills and training needed
- Wage Information
- Top Employers



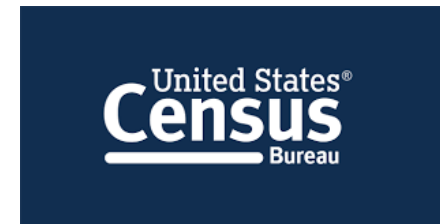
Who Uses It?

- Career Seekers
- Employers
- Investors
- Policy Makers
- Workforce Development Professionals
- Anyone who is interested!



Where to find LMI?

- Bureau of Economic Analysis
- U.S. Census Bureau
- Bureau of Labor Statistics
- IDES
- ONET
- Occupational Outlook Handbook
- Lightcast



What can we learn?

- What jobs/careers are out there?
- What will be available in the future?
- What are growing/trending sectors?
- What do jobs pay?
- Which employers are hiring?



Job Postings Q1 2024

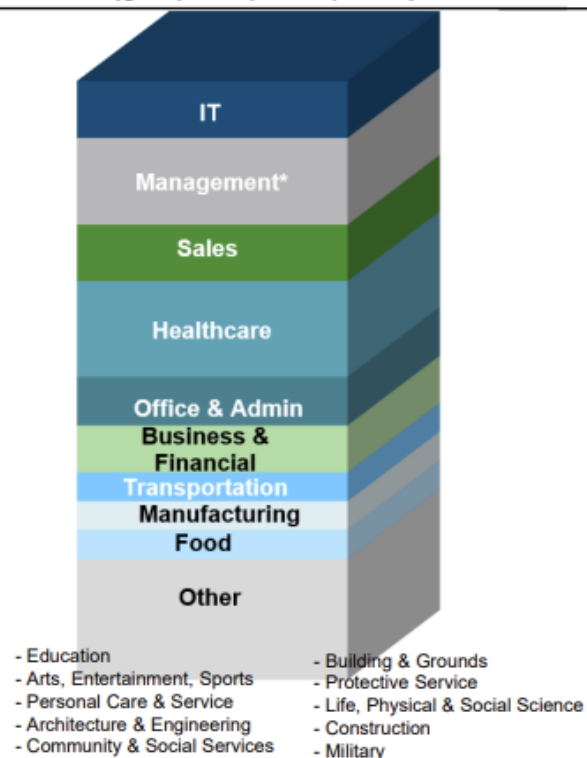


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236,110 JOB POSTINGS

(grouped by occupation)



Information Technology-20,328
Management-33,848
Sales- 21,988
Healthcare- 38,609
Office & Admin- 18,104
Business & Finance- 18,507
Transportation- 10,890
Manufacturing- 12,436
Food- 11,152
Other- 50,238

Top 5 Regional Employers



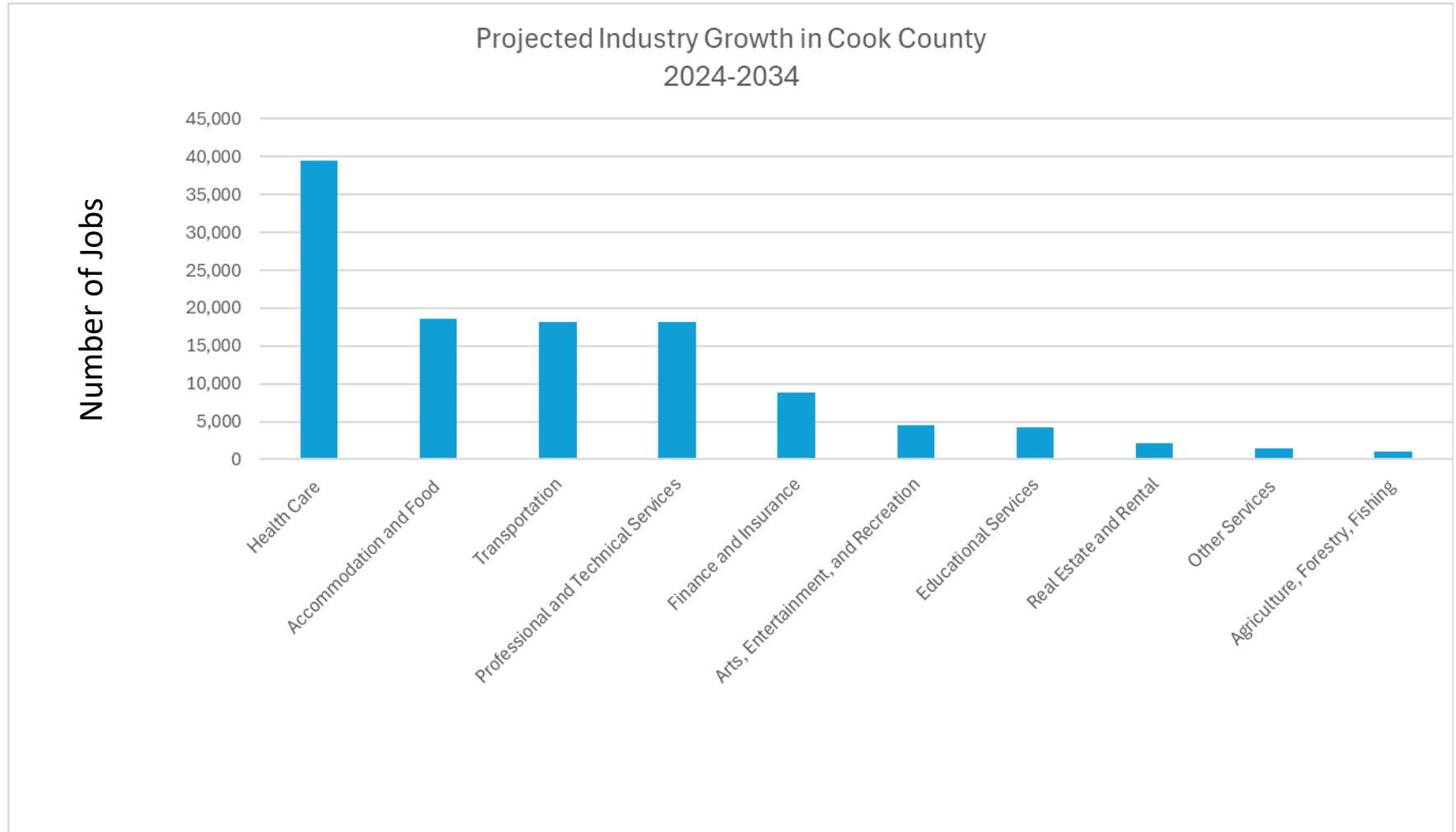
TOP 5 EMPLOYERS BY INDUSTRY

BUSINESS & FINANCIAL	Wintrust Financial, JP Morgan Chase, Capital One, Epsilon, Bank of America
FOOD SERVICE & HOSPITALITY	McDonalds, Marriot, Aramark, Starbucks, Hilton
HEALTHCARE	Advocate, Northwestern Memorial, Ascension Health, Rush Medical Center, Edward Elmhurst Health
INSURANCE	Health Care Service Corp, Elevance Health, United Health, Allstate, Arthur J Gallagher
MANUFACTURING	Kraft, Medline, S&C Electric, Newly Weds Foods, The Coca-Cola Company, Ingredion
RETAIL	Walgreens, Amazon, CVS, Walmart, Macy's
TDL	Panther Premium Logistics, United Airlines, Trans Quality, Transco Lines
TECHNOLOGY	Salesforce Inc., Early Warning Services, Hudson Group, AT&T, Google
UNIVERSITIES	University of Chicago, University of Illinois, Northwestern University, DePaul University, Loyola (Includes affiliated hospitals)

This report analyzes online job postings, not job openings. Jobs and employers who do not advertise online are underrepresented here.

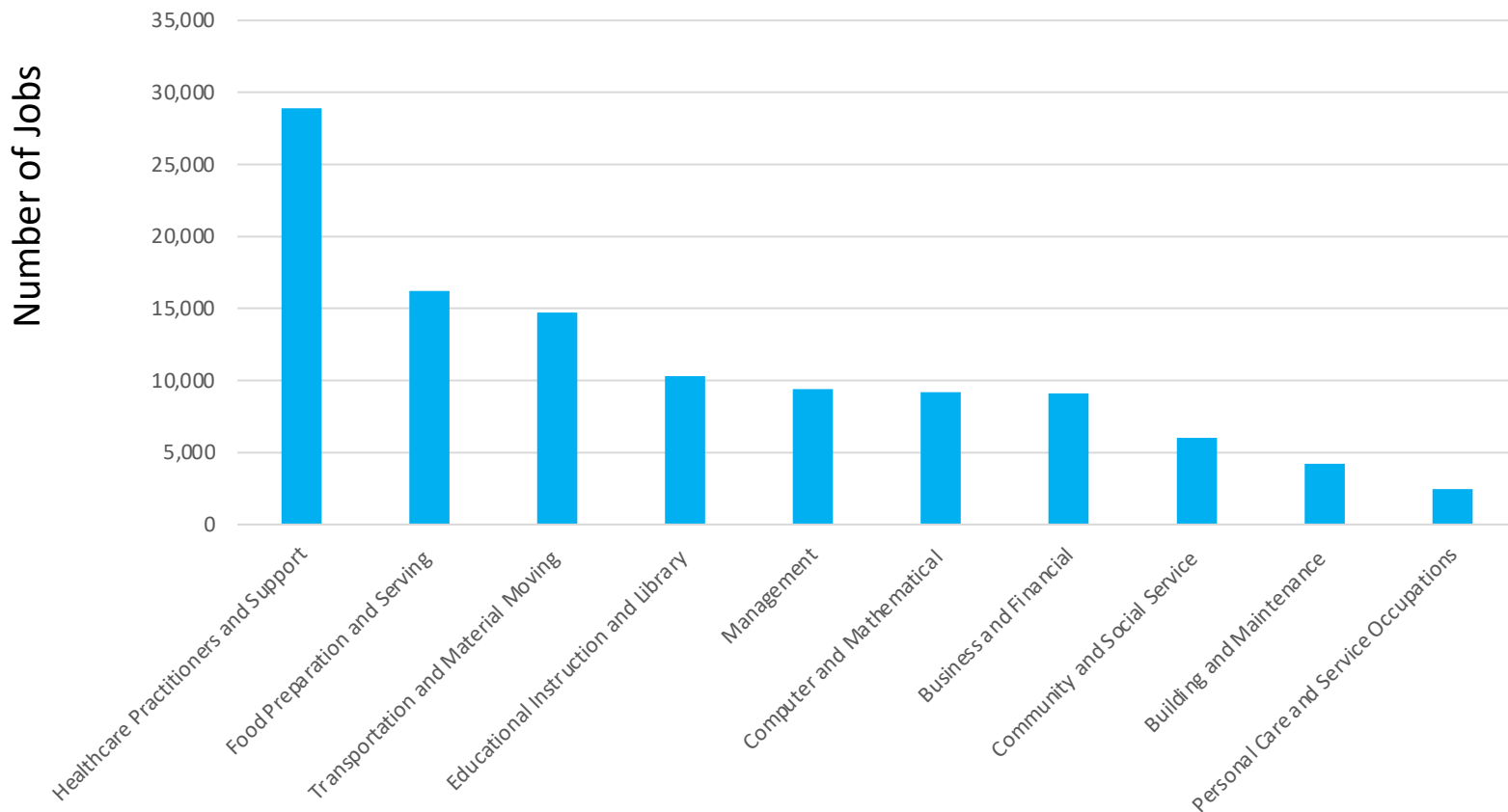
** Management occupations span all occupational groups.*

Top Industry Projections



Top Occupation Projections

Projected Occupation Growth in Cook County 2024-2034



Factors Influencing the Job Market



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- Economic Conditions
- Technological Advances
- Skills Gaps



How Certifications Enhance Employability

- Validation of Skills
- Industry Recognition
- Competitive Advantage
- Employer Requirements
- Staying Updated
- Career Advancement
- Networking



Top 25 In Demand Certifications

1. Basic Life Support (BLS) Certification
2. Cardiopulmonary Resuscitation (CPR) Certification
3. Teaching Certificate
4. Advanced Cardiovascular Life Support (ACLS) Certification
5. Certified Nursing Assistant (CNA)
6. Licensed Practical Nurse (LPN)
7. Certified Public Accountant
8. Commercial Driver's License (CDL)
9. Project Management Professional Certification
10. Certified Pharmacy Technician
11. Certified Information Systems Security Professional
12. ServSafe Certification
13. American Registry Of Radiologic Technologists (ARRT) Certified
14. Certified Information System Auditor (CISA)
15. Certified Patient Care Technician (CPCT)
16. Automotive Service Excellence (ASE) Certification
17. Automated External Defibrillator (AED) Certification
18. Certified Internal Auditor
19. Chartered Financial Analyst
20. Advanced Practice Registered Nurse
21. American Medical Technologists (AMT) Certification
22. Certified Medical Assistant (CMA)
23. Forklift Certification
24. Emergency Medical Technician (EMT)
25. FINRA Series 7 (General Securities Representative)



Top Certs by Industry: Information



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IT

OCCUPATIONS

- Software Developers, Web Developers
- Information Technology Project Managers
- Computer Systems Engineers/Architects
- Computer User Support Specialists
- Computer Systems Analysts

CREDENTIALS

- IT infrastructure library (ITIL)
- Project management certification (PMP)
- Certified info. systems security professional/ auditor/ manager (CISSP/CISA/CISM)
- Cisco certified network associate/ network professional (CCNA/CCNP)
- Certified A+ technician

SKILLS

- Database (SQL, Oracle)
- Programming (Java, Python, JavaScript, C#)
- Operating systems (LINUX)
- Software frameworks (Scrum, .NET)
- Git



Healthcare

OCCUPATIONS

- Registered, Licensed Practical and Licensed Vocational Nurses
- Medical Records and Health Information Technicians
- Nursing Assistants and Home Health Aides
- Medical Assistants and Dental Assistants
- Pharmacy Technicians

CREDENTIALS

- Nursing (incl. critical care nurse & nurse practitioner)
- Nursing assistant, licensed vocational nurse, medical assistant
- First Aid; Cardiopulmonary resuscitation (CPR) ; Basic life saving/Advanced cardiac life support (BLS/ACLS)
- Pharmacy technician certification board (PTCB)

SKILLS

- Patient care & treatment planning
- Scheduling & data entry
- Customer service & communication skills
- Quality assurance & control
- Rehabilitation

Top Certs by Industry: Food



Food

OCCUPATIONS

- Waiters and Waitresses
- Cooks
- Supervisors of Food Preparation and Serving Workers
- Hosts and Hostesses
- Dishwashers

CREDENTIALS

- Food handler/ServSafe/food sanitation certification
- Alcohol service certification (TIPS, BASSET)
- First Aid/CPR
- Certified Sous Chef
- Cash handling certification

SKILLS

- Cleaning
- Customer service
- Cooking; food prep; food safety
- Scheduling
- Bartending



Manufacturing & Installation/Repair

OCCUPATIONS

- Production Workers and Machinists
- Installation, Maintenance, and Repair Workers
- Heating and Air Conditioning Mechanics and Installers
- First-Line Supervisors of Mechanics and Workers
- Inspectors, Testers, Sorters, Samplers

CREDENTIALS

- EPA CFC/HCFC Certification
- Welding certification
- OSHA Certification
- Certified in Production and Inventory Management (CPIM)

SKILLS

- Maintenance, repair, quality control
- HVAC
- Hand tools
- Plumbing
- Welding



Transportation

OCCUPATIONS

- Truck Drivers (Heavy, Light and Delivery)
- Laborers, Packers and Packagers
- Driver/Sales Workers
- Industrial Truck and Tractor Operators
- Automotive Specialty Technicians

CREDENTIALS

- Commercial driver's license (CDL) – Class A, B, C
- Automotive service excellence (ASE) certification
- Forklift operator certification
- Hazmat certification & OSHA certification
- Diesel Mechanic

SKILLS

- Repair
- Forklift operation
- Customer service
- Driving & lifting ability
- Scheduling

Top Certs by Industry: Office & Admin



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Office & Admin

OCCUPATIONS

- Customer Service Representatives
- Secretaries and Administrative Assistants
- Bookkeeping, Accounting, and Auditing Clerks
- First-Line Supervisors of Office and Admin Support
- Office Clerks

CREDENTIALS

- Paralegal certification
- Insurance & financial licenses (see detail in Sales & Business & Financial)
- Project management certification
- Certified payroll professional (CPP)
- Certified protection professional

SKILLS

- Customer service
- Administrative support
- Data entry & spreadsheets
- Accounting & budgeting
- Project management

Top Certs by Industry: Sales



Sales

OCCUPATIONS

- Sales representatives & account executives
- Retail sales associates & cashiers
- Retail store managers & supervisors
- Insurance, financial services & real estate sales agents
- Demonstrators & product promoters

CREDENTIALS

- Insurance licenses (life & health; accident; property & casualty)
- Real estate license
- Financial licenses (see detail in business & financial)
- Mortgage license
- Cash handling certification

SKILLS

- Sales & store management
- Customer service
- Retail industry knowledge
- Scheduling
- Merchandising



Business & Financial

OCCUPATIONS

- Management & Human Resources Specialists
- Financial Analysts, Accountants & Auditors
- Market Research Analysts and Marketing Specialists
- Purchasing Agents
- Personal Financial Advisors

CREDENTIALS

- Certified public accountant (CPA)
- Securities licenses (Series 7, 66, 65)
- Project management (PMP)
- Chartered property casualty underwriter
- Professional in human resources (PHR)

SKILLS

- Accounting & budgeting
- Project management
- Financial analysis, financial statements & reporting
- Business analysis & business process
- Social media & marketing

OCCUPATIONAL OUTLOOK HANDBOOK

[Go](#)

Exercise Physiologists

[PRINTER-FRIENDLY](#)[Summary](#)[What They Do](#)[Work Environment](#)[How to Become One](#)[Pay](#)[Job Outlook](#)[State & Area Data](#)[Similar Occupations](#)[More Info](#)

Summary

Quick Facts: Exercise Physiologists

2023 Median Pay ?	\$54,860 per year \$26.38 per hour
Typical Entry-Level Education ?	Bachelor's degree
Work Experience in a Related Occupation ?	None
On-the-job Training ?	None
Number of Jobs, 2022 ?	16,500
Job Outlook, 2022-32 ?	10% (Much faster than average)
Employment Change, 2022-32 ?	1,700



[What Exercise Physiologists Do](#)

Exercise physiologists develop fitness and exercise programs to help people improve their health.



How to Become an Exercise Physiologist

About this section ?

Exercise physiologists typically need at least a bachelor's degree to enter the occupation.

Education

Exercise physiologists typically need at least a bachelor's [degree](#) in exercise physiology, exercise science, kinesiology, or another [healthcare and related](#) field. Master's degree programs also are available. Degree programs include science and health-related courses, such as anatomy, kinesiology, and nutrition, as well as clinical work. Programs in exercise physiology, exercise science, and kinesiology are accredited by the [Commission on Accreditation of Allied Health Education Programs](#) (CAAHEP).

Some students participate in internships or practicums, sometimes offered as part of their degree program. These opportunities allow students to gain hands-on experience that may differ from or complement their clinical work.

Licenses, Certifications, and Registrations

State licensing requirements vary for exercise physiology. For example, Louisiana specifies that exercise physiologists be licensed, but other states require licensure for performing exercise physiology duties in related occupations. Check with your state's licensing agency.

Employers typically require exercise physiologists to have Basic Life Support (BLS) certification or Advanced Cardiovascular Life Support (ACLS) certification, both of which include training in cardiopulmonary resuscitation (CPR).

Optional certifications are available, such as those offered by the [American Society of Exercise Physiologists](#) (ASEP) and the [American College of Sports Medicine](#) (ACSM).



Exercise physiologists typically need at least a bachelor's degree.

Emerging Sectors

- Electric vehicles
- Renewable energy
- Artificial intelligence
- 3D printing
- Robotics
- Drones
- Blockchain
- Virtual reality
- Self-driving cars
- Biotechnology



Building Strong Programs



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- Use what you know to target industries, certification and employers
- Look at external and internal trends
- Survey your target population
- Utilize multiple instruction methods (bootcamps, online, in-person)



Discussion Questions

- How can workforce development initiatives remain responsive to changes in the job market, such as shifts in demand for certain skills or emerging industries?
- What strategies can be implemented to facilitate agility and flexibility in program design?
- How can workforce development organizations collaborate with local employers to gather insights on workforce needs and align training programs accordingly?



Discussion Questions

- What incentives or partnerships can be established to foster employer engagement and support?
- In what ways can job market statistics inform efforts to promote equity and inclusion in workforce development, ensuring that opportunities are accessible to individuals from diverse backgrounds and communities?
- How can job market statistics be utilized to advocate for funding and resources to support workforce development initiatives?



Free Resources

- Bureau of Labor Statistics

<https://www.bls.gov/data/>



- Illinois Worknet

<https://www.illinoisworknet.com/explore/Pages/LMI.aspx>

- Opportunity Insights Economic Tracker

<https://tracktherecovery.org/>

Track the economic impacts of COVID-19 on people, businesses, and communities across the United States in real time.

Questions





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Questions?



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