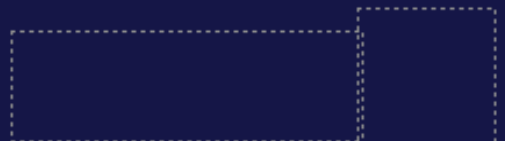




GeorgiaLAUNCH:

Skills for High-Demand Futures



6 Years of Record Economic Growth

GEORGIA
CHAMBER

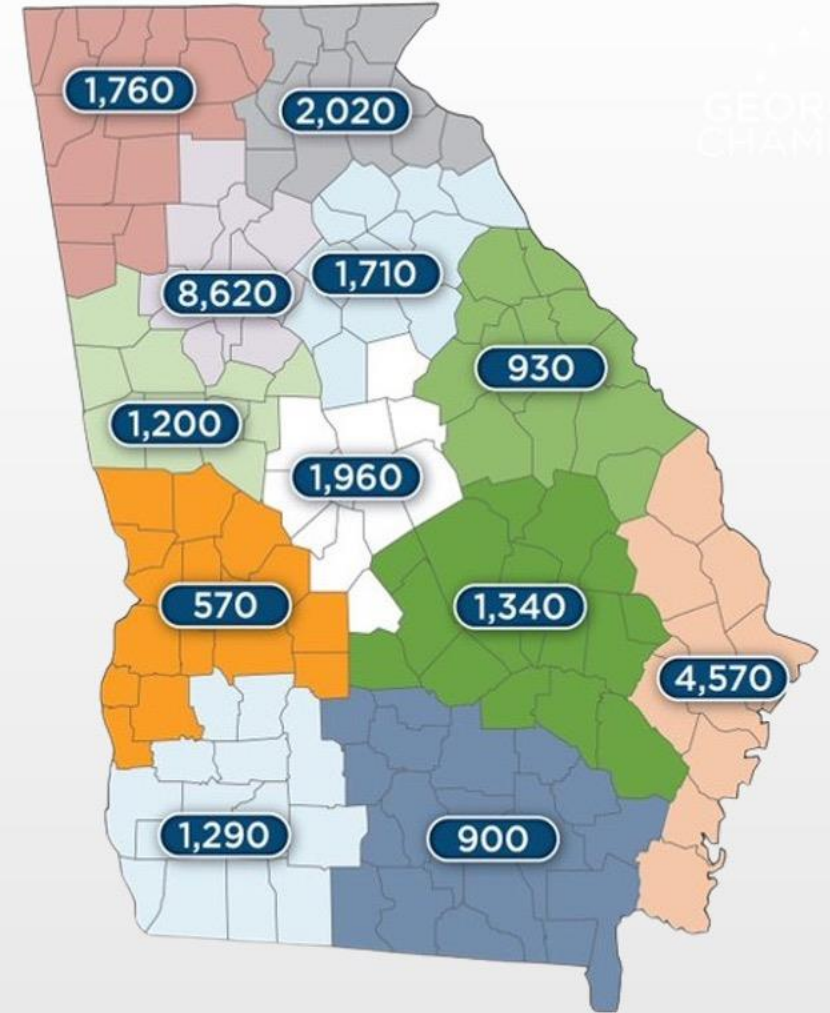
2.6K
PROJECT
LOCATIONS



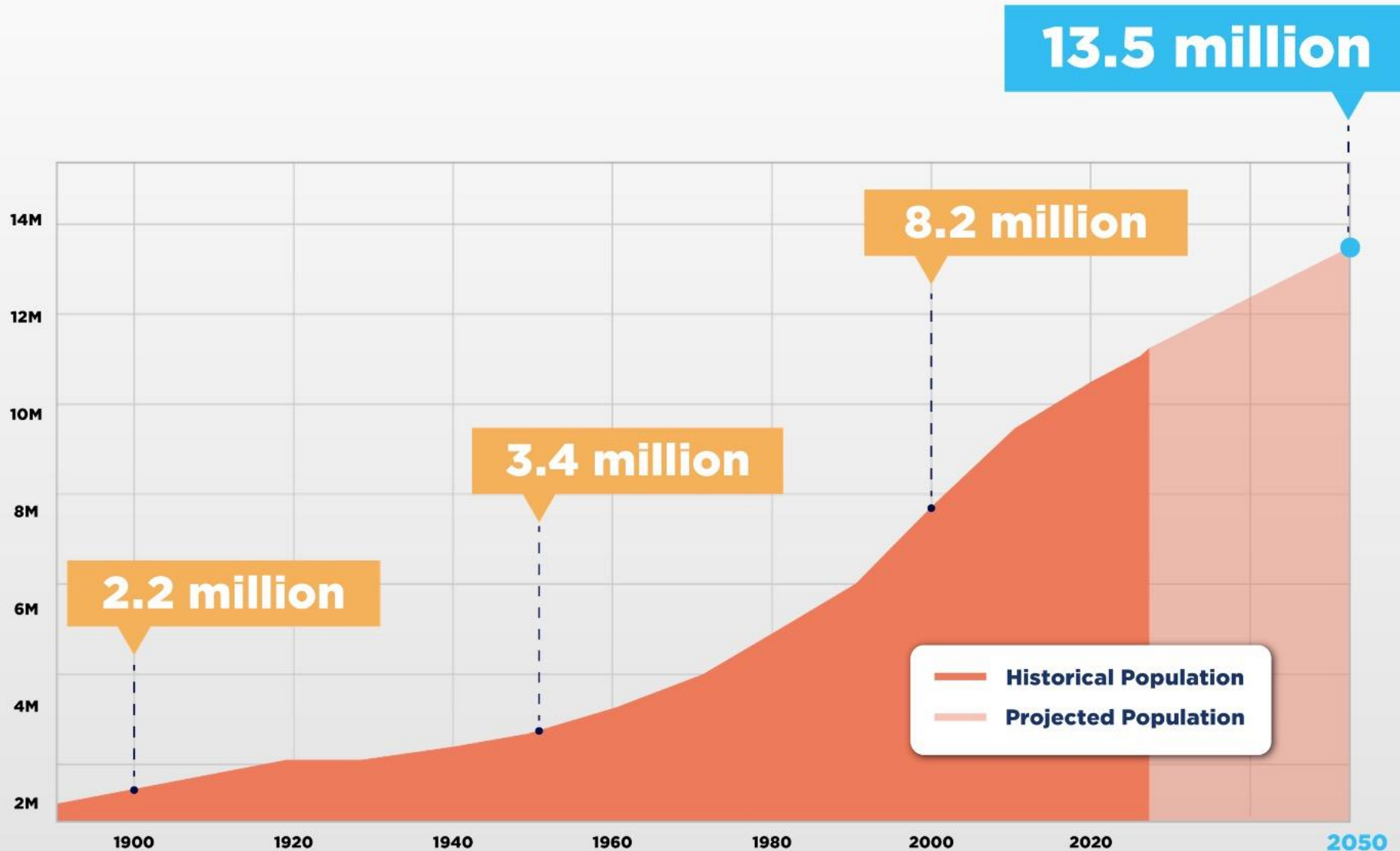
174.7B
CAPITAL
INVESTMENT



255K
JOBS
CREATED

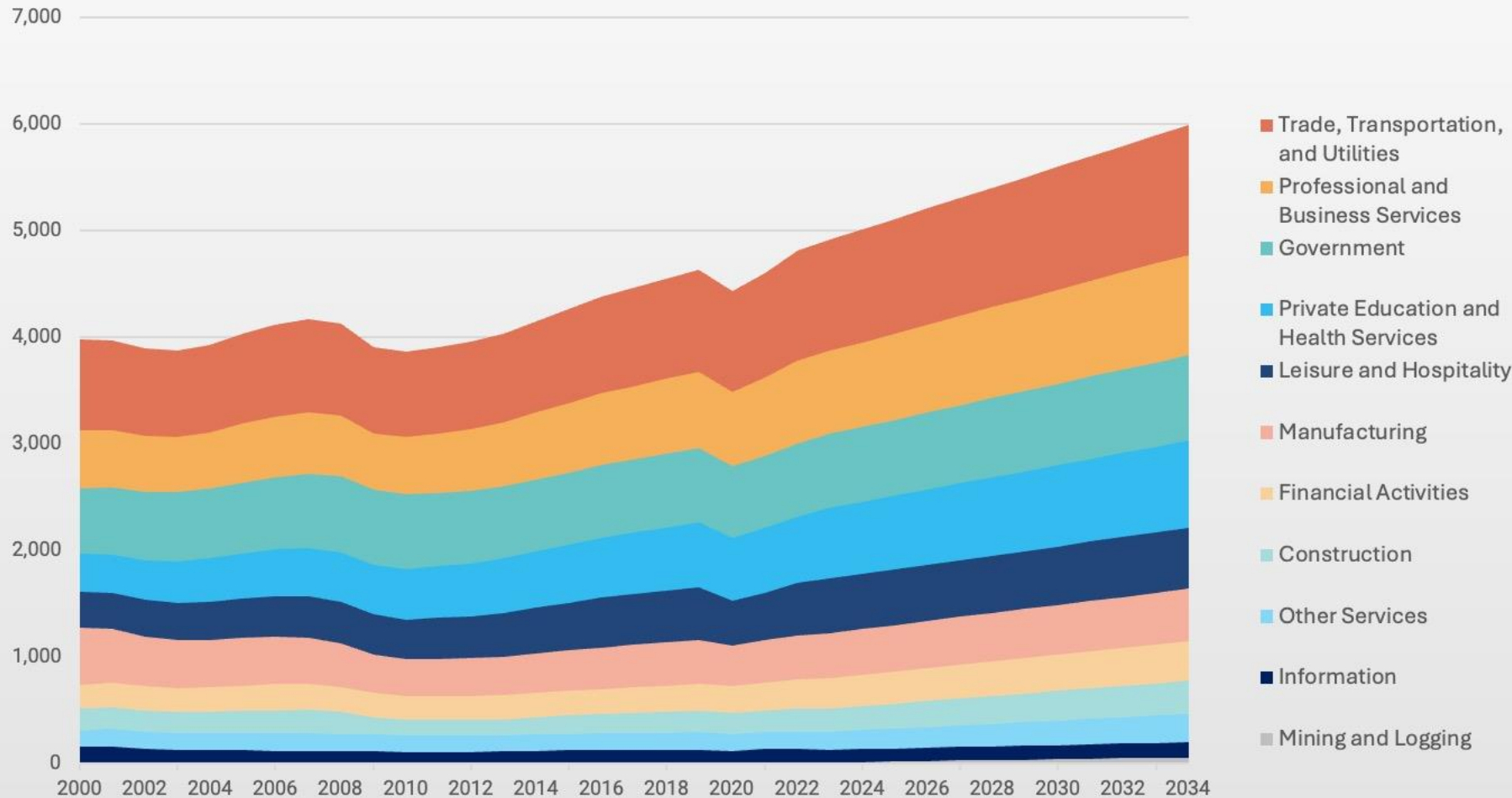


83% of Economic Activity In Rural Georgia



2050
+2.5M
People

Employment by Sector in Georgia
(in thousands of jobs)



2050
+3.1M
New Jobs

Economic Overview: Georgia

- Unique Job Postings: **327,742**
- LFPR: **60.6%**
- Unemployment Rate: **3.4%**
- 3rd Grade Reading: **30%**
- Associate's Degree and Above: **44.7%**
(28th nationally)

Top Occupations:

- Registered nurses
- Heavy and Tractor Trailer Truck Drivers
- Retail Salespersons

15 Years of Workforce Development

Georgia
Competitiveness
Initiative

CTAE Economic
Development
Initiatives

Numerous TCSG
and USG
Strategies and
Investments

High Demand
Career Initiative

WorkSource
Georgia Alignment
Efforts

Top State for
Talent Initiatives

GeorgiaLAUNCH

Phase I

What are the workforce needs of key industries driving economic growth in our State?

Phase II

What are the knowledge and skill needs for key occupations driving growth in Georgia? How can we prepare more Georgians to succeed in these roles?

GeorgiaLAUNCH is a strategic investment in Georgia's long term competitiveness. By aligning education and training with the real needs of industry, we are building clear pathways into high-demand careers, including advanced manufacturing and clean technology. Strong companies depend on reliable, skilled talent pipelines, and this initiative is helping ensure that Georgia continues to attract jobs, expand opportunity and lead the way in the industries that are shaping our future.

- Stuart Countess, President and CEO, KIA Georgia, 2026 Georgia Chamber Chair

Phase 1 Takeaways

- **Recruitment & retention challenges persist in the skilled trades**
- **Basic skills gaps remain**
 - Core employability skills found as the primary talent gap
- **Career exposure vs. career preparation**
 - How do we conduct early career exposure to ultimately drive/feed into career preparation?
- **Potential for greater employer engagement**
 - How can we streamline experiential learning to boost employer participation?
- **Continued investment into workforce needed**
 - Expanded funding for career guidance & apprenticeships mentioned
- **Skills preparation vs. occupational preparation**
 - Employers can handle technical occupational training; how do we boost the baseline skill level?

Phase II—Occupational Skills Profiles

Aircraft Mechanics and Service Technicians

Electricians

Electrical Engineers

Industrial Engineers

Electrical Power Line Installer and Repairer

Machinists



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FOUNDATION

Occupational Profile:
ELECTRICIAN
CAREER TRACK PROFILE

Electrician Career Track Profile

Occupation:
Electricians (47-2111)

Description of Job Duties:

Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes. Electricians may install or service street lights, intercom systems, or electrical control systems.



2022 Jobs:
20,630
employees



Annual New
Job Openings
in GA:
2,300



Median Earnings
in GA:
\$58,860
annually



Job Growth:
3,500
new jobs by 2032
17% growth
rate



Most Common
Entry-Level Education
Requirement:
**Postsecondary
certificate/TCC**

01 GeorgiaLAUNCH
2026

Career Progression: Electrician

Stage	High School (HS) Programs	TCSG Programs	Off-Ramps/Suitable Careers
Awareness & Exploration	Career fairs, job shadowing/tours, employer presentations	—	- Helper – Electrician - Pre-Apprentice Electrician
Pre-Training & Entry-Level	Electrical CTAE Pathway completion/EOPA, OSHA 10, WBL, dual enrollment courses at local TC	Technical College Certificate (TCC) (e.g., Industrial Electrician)	- Pre-Apprentice Electrician - Apprentice Electrician - Low Voltage Electrician - Electrical Power-Line Installer & Repairer
Apprenticeship & Early Jobs	—	Registered Apprenticeship (IEC, IBEW, etc.), Low Voltage Contractor certification	- Apprentice Electrician - Low Voltage Electrician
Licensing & Mid-Level Creds	—	Technical College Diploma (e.g., Electrical Systems Technology), GCILB certification (Electrical Contractor Class I/II), NCCER credentialing	Electrician
Advanced Education & Credentials	—	Associate degree in Electrical Construction Systems Technology	Electrical & Electronic Engineering Technologist & Technician

Electrician Career Mobility Ladder

Entry

Helpers – Electricians (47-3013)

- Median Annual Earnings: \$37,300
- 90th Percentile Annual Earnings: \$51,010
- Projected Employment: 4,750

Advancement

Electricians (47-2111)

- Median Annual Earnings: \$58,860
- 90th Percentile Annual Earnings: \$86,640
- Projected Employment: 24,130

Specialization

Electrical & Electronic Engineering Technologists & Technicians (17-3023)

- Median Annual Earnings: \$75,000
- 90th Percentile Annual Earnings: \$114,590
- Projected Employment: 2,990

Skills Overlap Analysis

Knowledge Overlap Analysis

	Industrial Engineers	Electrical Engineers	Machinists	Aircraft Mechanics	Lineworkers	Electricians
Industrial Engineers		77%	31%	64%	33%	36%
Electrical Engineers	77%		40%	67%	31%	33%
Machinists	31%	40%		27%	10%	43%
Aircraft Mechanics	64%	67%	27%		42%	23%
Lineworkers	33%	31%	10%	42%		30%
Electricians	36%	33%	43%	23%	30%	

Many of these careers have well over fifty percent skills overlap. This indicates individuals have substantial alignment, positioning these individuals well for career mobility.

Skills Overlap Analysis

	Industrial Engineers	Electrical Engineers	Machinists	Aircraft Mechanics	Lineworkers	Electricians
Industrial Engineers		76%	35%	43%	48%	52%
Electrical Engineers	76%		33%	41%	44%	53%
Machinists	35%	33%		40%	45%	44%
Aircraft Mechanics	43%	41%	40%		67%	62%
Lineworkers	48%	44%	45%	67%		72%
Electricians	52%	53%	44%	62%	72%	

Portrait of a Graduate

CRITICAL THINKER

COLLABORATIVE

TECHNICALLY CAPABLE

**ETHICAL LEADER
& CIVIC CONTRIBUTOR**

ADAPTIVE LEARNER



Get Connected to Local Solutions



FLEX

FOUNDATIONAL
LEADERSHIP &
ENTREPRENEUR
X-PERIENCE



**CleanTech
Task Force**



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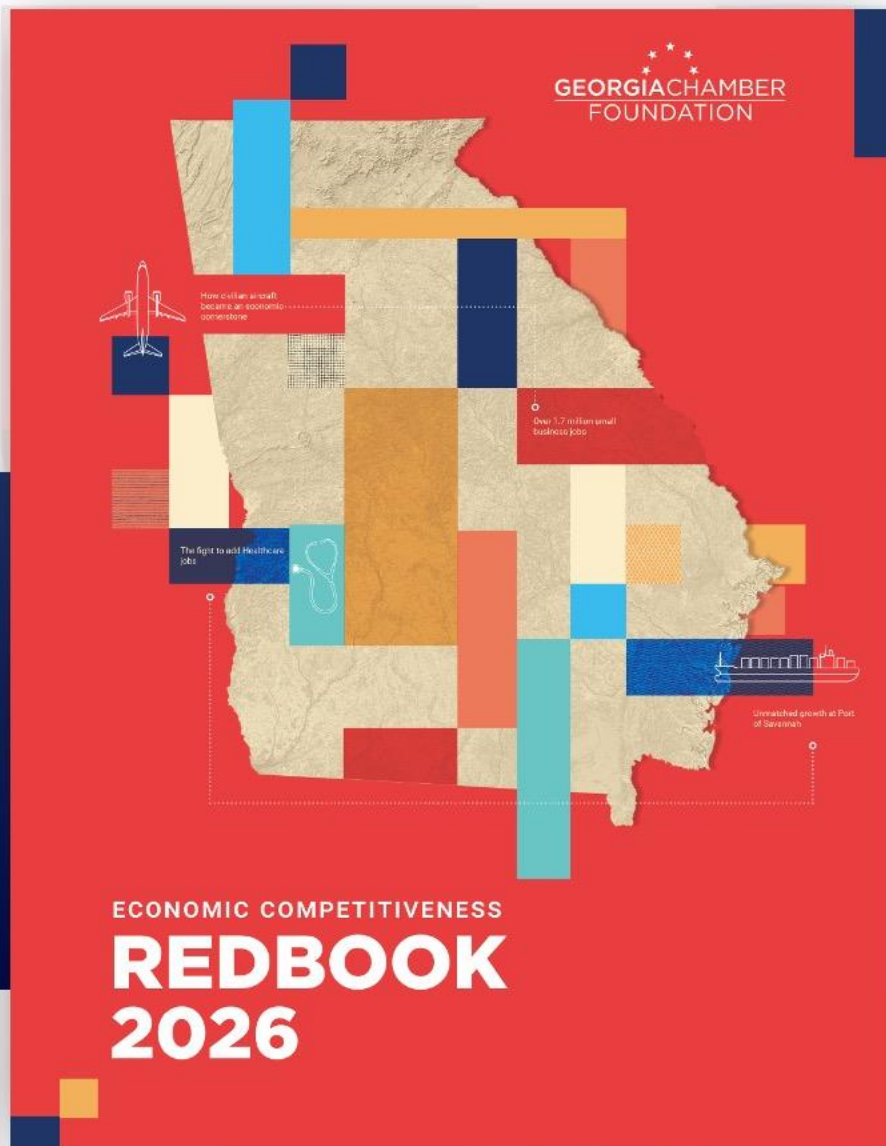


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Civics Bee**

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Economic Competitiveness Redbook



Scan here to read
the 2026 Redbook

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Questions?

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