

Regulated Industry AI Compliance Checklist

Sector-Specific AI Governance for Healthcare (HIPAA), Financial Services & Insurance



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BEFORE YOU DEPLOY IN A REGULATED SECTOR

Every regulated industry has its own history of harm that explains why its rules exist. Healthcare regulations grew from experiments conducted without informed consent. Financial regulations followed crises where opaque instruments destroyed livelihoods. Insurance regulations emerged because actuarial decisions can exclude entire communities from protection. AI does not change these histories; it accelerates them.


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00 RESPONSIBLE PARTIES

Complete this section first. Assign a unique ID (up to 4 characters, such as initials) to each party. These IDs are used throughout the checklist to record who is assigned, completes, and verifies each item.

ID	ROLE	NAME	DATE
	Compliance Officer		
	Sector-Specific Counsel		
	Regulatory Affairs Lead		
	Clinical/Business Owner		
	IT Security Officer		

01 HEALTHCARE / HIPAA

	ASSIGNED	DONE	VERIFIED
☐ AI system classified under FDA regulatory framework (SaMD, clinical decision support, or exempt).	ID DATE 	ID DATE 	ID DATE
☐ Business Associate Agreement (BAA) executed with all AI vendors handling PHI.	ID DATE 	ID DATE 	ID DATE
☐ HIPAA Security Rule requirements verified for AI system components.	ID DATE 	ID DATE 	ID DATE
☐ Minimum necessary standard applied to PHI used in AI training and inference.	ID DATE 	ID DATE 	ID DATE
☐ Patient notification procedures established for AI-assisted clinical decisions.	ID DATE 	ID DATE 	ID DATE
☐ Clinical validation completed per intended use case and patient population.	ID DATE 	ID DATE 	ID DATE
☐ AI system integrated into existing quality assurance and patient safety programs.	ID DATE 	ID DATE 	ID DATE
☐ Clinician training completed on AI system capabilities and limitations.	ID DATE 	ID DATE 	ID DATE

ASSIGNED

DONE

VERIFIED

- ☐
- Override and escalation procedures documented for AI-assisted clinical decisions.

ID	ID	ID
DATE	DATE	DATE

- ☐
- Adverse event reporting procedures established for AI-related incidents.

ID	ID	ID
DATE	DATE	DATE

- ☐
- PHI de-identification verified for any AI training data (Safe Harbor or Expert Determination).

ID	ID	ID
DATE	DATE	DATE

BAA Executed With: _____

Date: _____

02 FINANCIAL SERVICES

ASSIGNED

DONE

VERIFIED

- ☐
- AI model risk management framework established per OCC 2011-12 / SR 11-7.

ID	ID	ID
DATE	DATE	DATE

- ☐
- Model validation completed by independent risk management function.

ID	ID	ID
DATE	DATE	DATE

- ☐
- Fair lending analysis completed for AI-driven credit and lending decisions.

ID	ID	ID
DATE	DATE	DATE

- ☐
- Adverse action notice procedures updated to explain AI-influenced decisions.

ID	ID	ID
DATE	DATE	DATE

☐ CFPB adverse action guidance compliance verified.

ASSIGNED	DONE	VERIFIED
ID 	ID 	ID
DATE 	DATE 	DATE

☐ Anti-money laundering (AML) AI models validated against regulatory expectations.

ID 	ID 	ID
DATE 	DATE 	DATE

☐ Customer-facing AI disclosures drafted and reviewed by compliance.

ID 	ID 	ID
DATE 	DATE 	DATE

☐ Model inventory updated to include all AI/ML models with risk classifications.

ID 	ID 	ID
DATE 	DATE 	DATE

☐ Stress testing and scenario analysis completed for AI model performance.

ID 	ID 	ID
DATE 	DATE 	DATE

☐ Board and senior management reporting established for AI model risk.

ID 	ID 	ID
DATE 	DATE 	DATE

Model Risk Owner: _____

Model ID: _____

03 INSURANCE

☐ NAIC AI Principles reviewed and compliance mapped.

ASSIGNED	DONE	VERIFIED
ID 	ID 	ID
DATE 	DATE 	DATE

ASSIGNED

DONE

VERIFIED

☐ Actuarial AI models reviewed for unfair discrimination.

ID

DATE

ID

DATE

ID

DATE

☐ Rate-setting AI models filed with applicable state insurance departments.

ID

DATE

ID

DATE

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DATE

☐ Consumer notification procedures established for AI-driven underwriting decisions.

ID

DATE

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☐ Adverse underwriting decision explanations updated to address AI involvement.

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☐ Claims processing AI reviewed for consistency and fairness.

ID

DATE

ID

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DATE

☐ Third-party AI vendor governance requirements established per NAIC guidance.

ID

DATE

ID

DATE

ID

DATE

☐ Proxy discrimination testing completed (race, gender, disability, other protected classes).

ID

DATE

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DATE

ID

DATE

☐ State-specific AI insurance regulations reviewed (Colorado, Connecticut, other).

ID

DATE

ID

DATE

ID

DATE

☐ Complaints process updated to handle AI-related consumer concerns.

ID

DATE

ID

DATE

ID

DATE

☐ Annual AI fairness review schedule established with actuarial sign-off.

ASSIGNED	DONE	VERIFIED
ID 	ID 	ID
DATE 	DATE 	DATE

State(s) Filing Required: _____

04 CROSS-SECTOR REQUIREMENTS

☐ NIST AI RMF sector profile completed for applicable industry.

ASSIGNED	DONE	VERIFIED
ID 	ID 	ID
DATE 	DATE 	DATE

☐ Anti-discrimination testing completed across all protected classes.

ASSIGNED	DONE	VERIFIED
ID 	ID 	ID
DATE 	DATE 	DATE

☐ Vendor AI governance requirements included in all relevant contracts.

ASSIGNED	DONE	VERIFIED
ID 	ID 	ID
DATE 	DATE 	DATE

☐ Incident response plan updated to cover AI-specific failure modes.

ASSIGNED	DONE	VERIFIED
ID 	ID 	ID
DATE 	DATE 	DATE

☐ Regulatory change monitoring established for AI-related guidance.

ASSIGNED	DONE	VERIFIED
ID 	ID 	ID
DATE 	DATE 	DATE

☐ Third-party AI audit scheduled with qualified auditor.

ASSIGNED	DONE	VERIFIED
ID 	ID 	ID
DATE 	DATE 	DATE

ASSIGNED

DONE

VERIFIED

☐ Consumer/patient/customer complaint mechanism established for AI concerns.

ID

ID

ID

DATE

DATE

DATE

☐ Cross-sector regulatory mapping completed (identify overlapping requirements).

ID

ID

ID

DATE

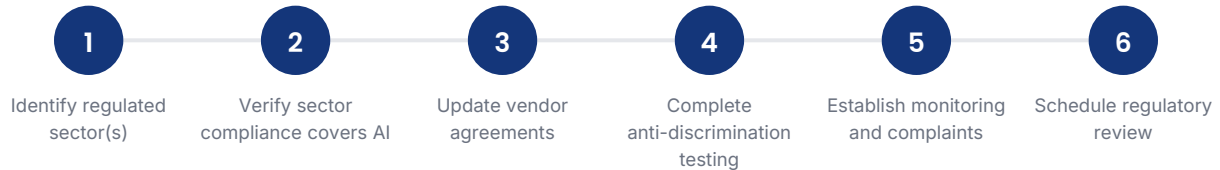
DATE

DATE

Third-Party Audit Scheduled: _____

Date: _____

05 SIMPLE STEPS



06 DECISION POINT

SECTOR RULES

Sector regulations impose stricter requirements
Sector rules take precedence over general AI governance

CONSULT COUNSEL

General AI governance and sector regulations conflict
Regulator issues new AI-specific guidance
Novel use case without regulatory precedent

DO NOT DEPLOY

Sector-specific compliance not confirmed
General AI governance alone is insufficient
Regulated industry requires explicit sector approval

⚠ COMMON PITFALLS

PITFALL	WHY IT MATTERS
Treating AI governance as purely an IT function	In regulated industries, AI governance is a compliance function. IT implements; compliance, legal, and clinical/business leadership must govern.
Ignoring sector regulators who reference NIST AI RMF	The FTC, CFPB, FDA, SEC, and EEOC all reference NIST AI RMF principles in enforcement guidance. "We did not know" is not viable.
Assuming vendor HIPAA or SOC 2 compliance covers AI	A vendor's general security compliance does not address AI-specific risks like model bias, training data provenance, or clinical validation.

FRAMEWORKS REFERENCED

- HIPAA Security Rule
- Treasury Financial Services AI RMF (February 2026)
- OCC Bulletin 2011-12
- Federal Reserve SR 11-7
- NIST AI RMF Sector Profiles
- NAIC AI Principles
- CFPB Adverse Action Guidance

For planning purposes only. This checklist is a compliance planning aid for regulated industries. Sector-specific regulations are subject to change. Verify current requirements with legal counsel, regulatory affairs, and applicable regulatory bodies before deployment.