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Macro-Economic Risk Briefing

Institutional-grade economic intelligence from 86 Federal Reserve data series.

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10%	90/100	3.64%	4.4%
Recession Risk	Health Index	Fed Rate	GDP Growth

4.3%	2.8%	4.04%	52.9
Unemployment	CPI Inflation	10Y Yield	Sentiment

Risk Assessment

Overall: **LOW RISK** (Confidence: 0.85) — Recession probability at 10%.

Yield Curve Inversion: **No Inversion** | Recession Signal: **Clear**

Economic Cycle: **EXPANSION**

Monetary Policy

Metric	Value
Federal Funds Rate	3.64%
Last Change	-0.08%
Next Action Forecast	HOLD (0.85 probability)
FOMC 1	2026-01-29 (Meeting)
FOMC 2	2026-03-19 (Meeting + SEP)
FOMC 3	2026-05-07 (Meeting)

Inflation

Status: **MODERATE** | Trend: **UP** | Fed Target: 2.0% | Deviation: 0.8%

Indicator	Value	Description
CPI Headline (YoY)	2.8%	All items CPI, year-over-year change
CPI Index	326.588	Current CPI index level
CPI MoM Change	0.557%	Month-over-month CPI change
PCE Index	128.093	Personal Consumption Expenditures

Employment

Indicator	Value
Unemployment Rate	4.3%
Unemployment Change	-0.1%

Indicator	Value
Nonfarm Payrolls (total)	158.6M
Payroll Change (MoM)	+130.0k jobs
Status	HEALTHY

GDP & Growth

Indicator	Value
GDP (annualized)	$31,098B
Growth Rate	4.4%
Growth Change	0.6%
Quarter	Q3 2025
Last Report	2025-07-01

Treasury Yield Curve

Curve: **NORMAL** | 2s10s Spread: **0.64%** | 30Y Mortgage: **6.09%**

Indicator	Value
Treasury 2Y	3.4%
Treasury 10Y	4.04%
2s10s Spread	0.64%
30Y Mortgage	6.09%
Curve Status	NORMAL

Consumer Sentiment

Index: **52.9** (baseline 100) | Change: **1.9** | Status: **PESSIMISTIC**

University of Michigan Consumer Sentiment. Values below 60 indicate significant economic pessimism. Sentiment is a soft indicator and not a primary recession trigger — it reflects consumer mood, not structural economic risk.

Commodities & Metals

$3,106/oz	$64.53	$71.19	$3.25
Gold	WTI Crude	Brent Crude	Nat. Gas

Commodity	Price	Unit	Change	Date
Gold (London Fix)	$3,105.88	USD/troy oz		2026-02-17
Copper	$12,986.61	USD/metric ton	1195.6427	2026-01-01
WTI Crude Oil	$64.53	USD/barrel	0.76	2026-02-09
Brent Crude Oil	$71.19	USD/barrel	0.74	2026-02-09
Natural Gas (HH)	$3.25	USD/MMBtu	-1.12	2026-02-09
IMF All Commodity Idx	168.8	Index	3.6524	2025-10-01

Sources: FRED (NASDAQQGLDI, DCOILWTICO, DCOILBRENTEU, DHHNGSP, PCOPPUSDM). Gold: LBMA London PM Fixing via NASDAQ. Commodity index: IMF.

Risk Model Methodology

Recession probability is computed via a **weighted composite model** using 3 primary signals:

Signal	Current	Weight	Description
Yield Curve (2s10s)	OK	40%	10Y–2Y spread; inversion historically precedes recessions by 6–18 months
GDP Trend	OK	35%	Annualized real GDP growth rate; two consecutive negative quarters = recession
Unemployment Trend	OK	25%	Sahm Rule trigger: 0.5pp rise in 3-month average vs. 12-month low

Model type: Rule-based weighted composite. Not a machine learning prediction. Confidence reflects data freshness and signal alignment — not forecast certainty. This is an indicative risk signal, not investment advice.

Data Provenance

86 FRED data series from: Federal Reserve, Bureau of Labor Statistics, Bureau of Economic Analysis, U.S. Treasury, University of Michigan. All values fetched in real time at report generation.

Provenance Block

Field	Value
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