

## 1. Data Overview

<b>Company:</b>	Penn Entertainment (PENN)
<b>CIK:</b>	0000921738
<b>Analysis Period:</b>	2016-02-01 to 2026-01-30 (~10.0 years)
<b>Trading Days:</b>	2,514
<b>Latest Close:</b>	\$12.84

## 2. Methodology

### Risk Metrics (CFA/Basel Standards):

- Sharpe Ratio:** (Annualized Return - Rf) / Volatility (Rf = 0%)
- Sortino Ratio:** Annualized Return / Downside Deviation
- VaR (95%, 99%):** Historical percentile of daily returns
- Max Drawdown:** Largest peak-to-trough decline in cumulative returns
- Volatility:** Standard deviation of daily returns  $\times \sqrt{252}$  (annualized)

## 3. Risk Metrics Summary

Metric	Value	Interpretation
Total Return (10.0Y)	-8.7%	Cumulative appreciation
Annualized Return	-0.9%	Geometric mean annual
Volatility	60.4%	Annualized std dev
Sharpe Ratio	-0.02	Risk-adjusted return
Sortino Ratio	-0.02	Downside risk-adjusted
Max Drawdown	-90.6%	Peak-to-trough

## 4. Return Distribution

Metric	Value
Positive Days	48.7%
Best Day	+34.80%
Worst Day	-44.80%
VaR (95%)	-4.83%
VaR (99%)	-8.92%

## 5. SEC EDGAR Financial Data

Metric	Value	Period End	Form	Accession
Revenue	\$6.6B	2024-12-31	10-K	0000921738-25-000008
Net Income	\$-311.5M	2024-12-31	10-K	0000921738-25-000008
Total Assets	\$15.3B	2024-12-31	10-K	0000921738-25-000008
Total Liabilities	\$12.4B	2024-12-31	10-K	0000921738-25-000008
Stockholders Equity	\$2.9B	2024-12-31	10-K	0000921738-25-000008
Operating Income	\$72.5M	2024-12-31	10-K	0000921738-25-000008
Cash	\$706.6M	2024-12-31	10-K	0000921738-25-000008
Eps	\$-2.05	2024-12-31	10-K	0000921738-25-000008

**Data Sources (100% Verifiable - NO SIMULATION):**

- **SEC EDGAR:** <https://data.sec.gov/api/xbrl/companyfacts/CIK0000921738.json>

- **Stock Data:** Yahoo Finance (PENN)

Anyone can verify these numbers by querying the APIs directly.

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Report prepared by Mboya Jeffers | MboyaJeffers9@gmail.com

Data Source: SEC EDGAR XBRL, Yahoo Finance | Report: PENN iGaming

Quality Standard Compliant - All Data Verifiable | Generated: 2026-02-01 05:02