

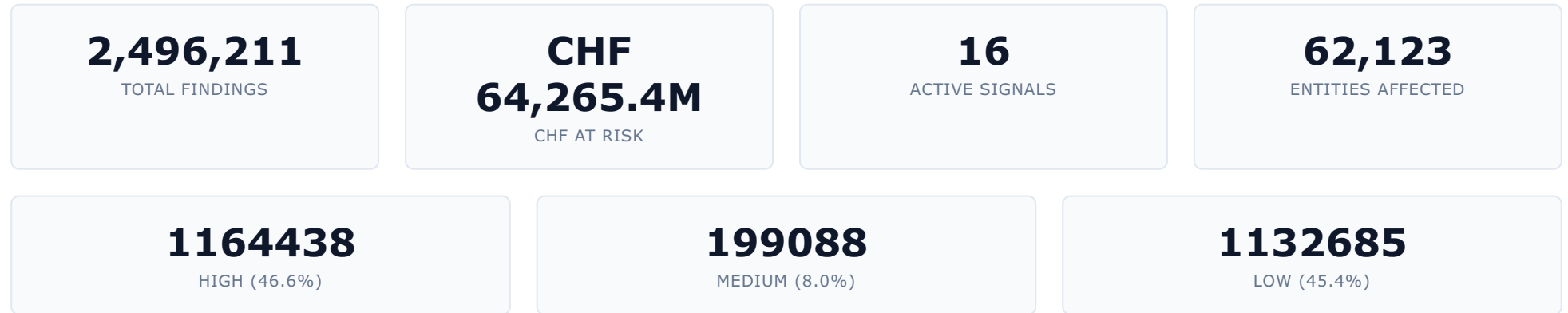
# Inspire

## Financial Risk Report

---

### Financial Exposure

---



### Risk Adjustments

---



## Thesis Verdicts

| Thesis                             | Statement  | Verdict      | Evidence | CHF at Risk           |
|------------------------------------|--|--------------|----------|-----------------------|
| thesis_io_imbalance                | Material inflow significantly exceeds patient-level consumption, indicating potential waste, shrinkage, or recording gaps.   | confirmed    | 1.0%     | CHF 50,102,830,008.81 |
| thesis_overpriced_generics         | Generic alternatives exist but branded products are still being used at higher cost, creating avoidable procurement expense.   | confirmed    | 0.7%     | CHF 1,296,334,039.84  |
| thesis_duplicate_billing           | Patients are being billed multiple times for the same service or material, inflating revenue and creating compliance exposure.   | plausible    | 0.5%     | CHF 2,779,617.39      |
| thesis_phantom_cases               | Billing events reference cases that do not exist in the case register, indicating phantom billing or data integration gaps.  | not_observed | 0.3%     | CHF 2,779,617.39      |
| thesis_catalog_maintenance_gap     | The material catalog has a governance gap -- is_active flags contradict validity date windows, indicating that status flags and dates are not reconciled.                          | not_observed | 0.0%     | CHF 0.00              |
| thesis_revenue_leakage_unbilled    | The hospital is losing revenue because materials used during procedures are not being billed to patients or insurers.  | not_observed | 0.2%     | CHF 0.00              |
| thesis_stale_catalogue             | Expired or outdated catalogue entries are still being consumed, leading to incorrect pricing and compliance risks.   | not_observed | 0.0%     | CHF 0.00              |
| thesis_supplier_concentration_risk | The hospital depends on single-source suppliers for a significant share of its materials, creating supply chain risk, unchallenged pricing, and potential procurement policy gaps. | not_observed | 0.3%     | CHF 0.00              |
| thesis_shelf_life_waste            | A subset of materials combines short shelf life with low consumption velocity, creating a high risk of expiry-driven write-offs and avoidable waste.                               | not_observed | 0.1%     | CHF 0.00              |
| thesis_controlled_substance_gap    | Controlled substances have unaccounted quantities -- gaps between procurement, dispensing, and patient administration records.   | not_observed | 0.0%     | CHF 0.00              |

## Signal Summary

| Signal                         | Category          | Findings  | High      | Med     | Low       | CHF at Risk           |
|--------------------------------|-------------------|-----------|-----------|---------|-----------|-----------------------|
| I/O Coefficient Anomaly        | financial_anomaly | 23,832    | 14,197    | 9,635   | 0         | CHF 25,036,837,834.95 |
| I/O Coefficient (Weekly)       | financial_anomaly | 23,832    | 14,197    | 9,635   | 0         | CHF 25,036,837,834.95 |
| 4-Signals Convergence          | financial_anomaly | 11,926    | 0         | 11,926  | 0         | CHF 12,681,342,522.01 |
| Negative Margin                | financial_anomaly | 1,156,409 | 1,116,602 | 30,727  | 9,080     | CHF 1,296,334,039.84  |
| DRG Cost Outlier               | financial_anomaly | 3,337     | 992       | 2,345   | 0         | CHF 122,236,991.32    |
| Billing Below Internal Price   | financial_anomaly | 1,125,293 | 6,379     | 102,823 | 1,016,091 | CHF 54,317,272.91     |
| I/O Coefficient Trend          | financial_anomaly | 4,032     | 2,629     | 1,403   | 0         | CHF 20,429,746.40     |
| I/O Coefficient Trend (Weekly) | financial_anomaly | 1,502     | 796       | 706     | 0         | CHF 8,724,592.51      |
| VESKA MED/MAT Classification   | data_quality      | 48,381    | 0         | 0       | 48,381    | CHF 4,989,794.72      |
| Duplicate Billing              | financial_anomaly | 10,255    | 712       | 2,209   | 7,334     | CHF 2,779,617.39      |
| Billing Amount Outlier         | financial_anomaly | 945       | 0         | 945     | 0         | CHF 559,393.79        |
| Cost Center Billing Mismatch   | financial_anomaly | 383       | 0         | 0       | 383       | CHF 0.00              |
| Material Overall Perspective   | financial_anomaly | 42,848    | 0         | 0       | 42,848    | CHF 0.00              |
| Article Count Reconciliation   | data_quality      | 5         | 0         | 0       | 5         | CHF 0.00              |
| Case Financial Integrity       | financial_anomaly | 383       | 0         | 0       | 383       | CHF 0.00              |
| Material Health Perspective    | financial_anomaly | 42,848    | 7,934     | 26,734  | 8,180     | CHF 0.00              |

## Top 20 Findings by CHF at Risk

| Signal                          | Severity | Entity | CHF at Risk       |
|---------------------------------|----------|--------|-------------------|
| signal_io_coefficient_weekly    | high     | 24008  | CHF 28,146,588.00 |
| signal_io_coefficient           | high     | 24008  | CHF 28,146,588.00 |
| signal_four_signals_convergence | medium   | 35393  | CHF 27,445,490.21 |
| signal_io_coefficient           | high     | 35393  | CHF 27,412,502.46 |
| signal_io_coefficient_weekly    | high     | 35393  | CHF 27,412,502.46 |
| signal_io_coefficient           | high     | 43701  | CHF 26,074,664.64 |
| signal_io_coefficient_weekly    | high     | 43701  | CHF 26,074,664.64 |
| signal_io_coefficient_weekly    | high     | 46177  | CHF 25,568,947.20 |
| signal_io_coefficient           | high     | 46177  | CHF 25,568,947.20 |
| signal_io_coefficient_weekly    | high     | 37346  | CHF 22,806,528.00 |
| signal_io_coefficient           | high     | 37346  | CHF 22,806,528.00 |
| signal_four_signals_convergence | medium   | 24010  | CHF 22,047,828.57 |
| signal_io_coefficient           | high     | 24010  | CHF 22,043,688.96 |
| signal_io_coefficient_weekly    | high     | 24010  | CHF 22,043,688.96 |
| signal_io_coefficient           | high     | 44944  | CHF 21,812,390.37 |
| signal_io_coefficient_weekly    | high     | 44944  | CHF 21,812,390.37 |
| signal_four_signals_convergence | medium   | 46389  | CHF 21,807,317.47 |
| signal_io_coefficient           | high     | 46389  | CHF 21,797,683.20 |

| Signal                          | Severity | Entity | CHF at Risk       |
|---------------------------------|----------|--------|-------------------|
| signal_io_coefficient_weekly    | high     | 46389  | CHF 21,797,683.20 |
| signal_four_signals_convergence | medium   | 47991  | CHF 21,457,225.02 |

*All findings are algorithmically derived and should be reviewed by domain experts before action. CHF values reflect raw signal outputs; deduplication removes double-counting across signals.*

---

Generated 2026-04-13 09:01 UTC · jinflow