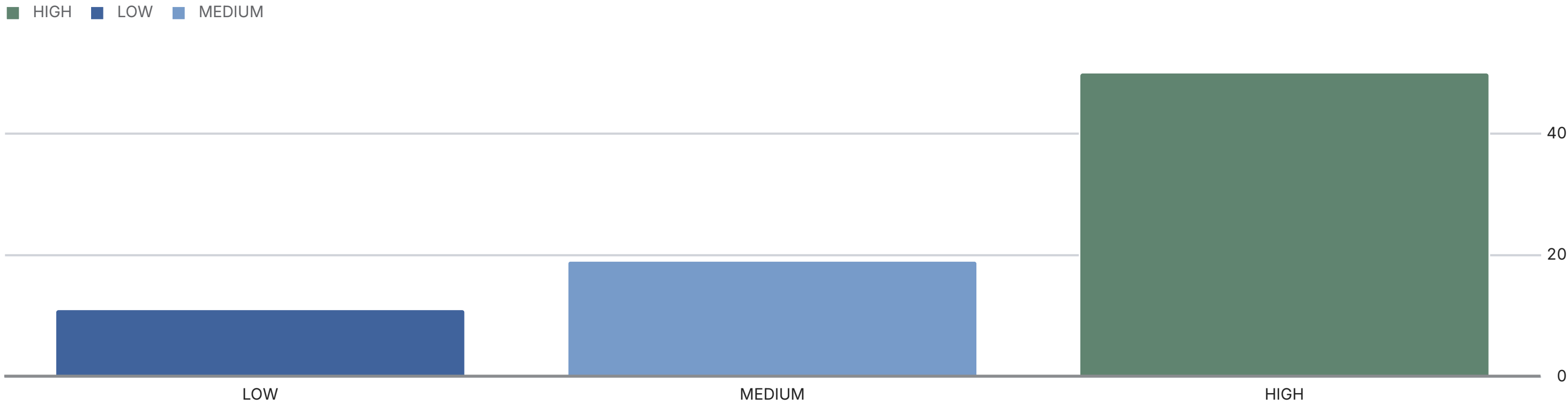


PostgreSQL Fix Impact & Severity



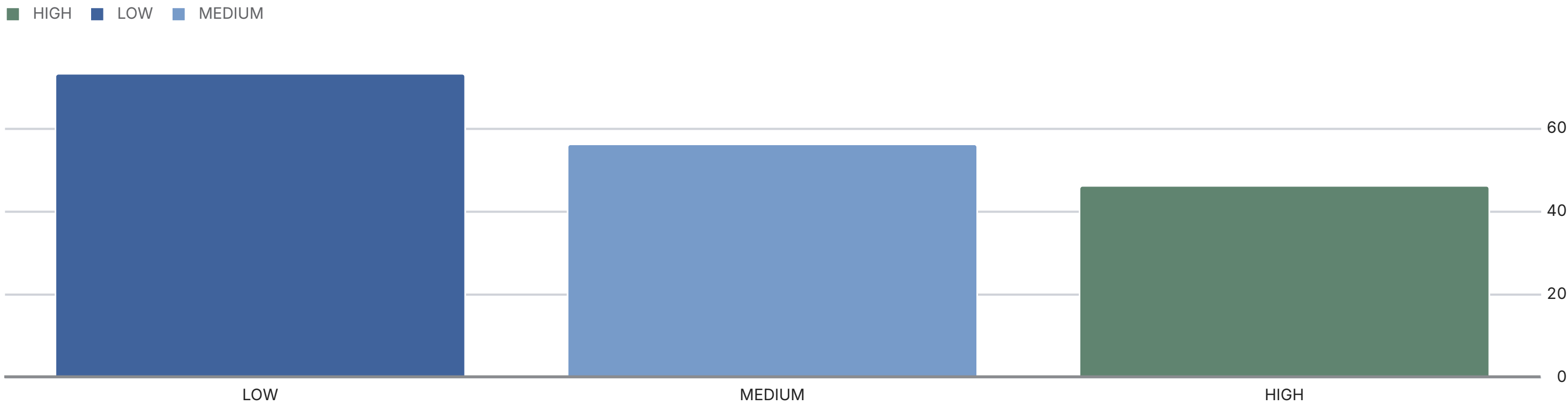
Security Fixes by CVSS V3 Severity

Distinct CVE-bearing fixes per base-score band (postgresql.org/support/security)



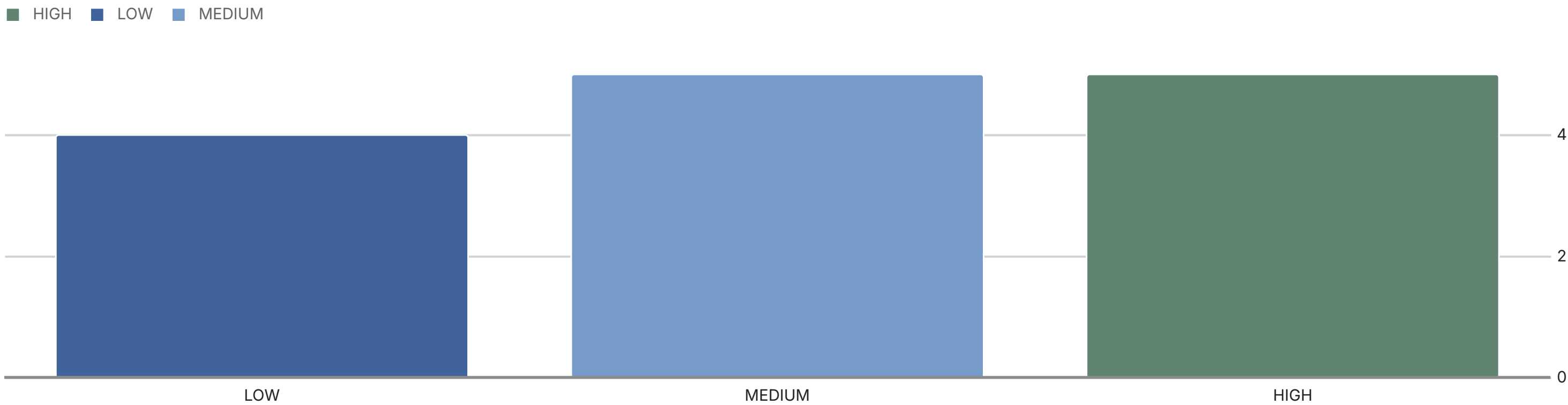
Fix Size by Severity

Median line churn (added + deleted) of the representative commit; higher-severity CVEs are not necessarily larger changes



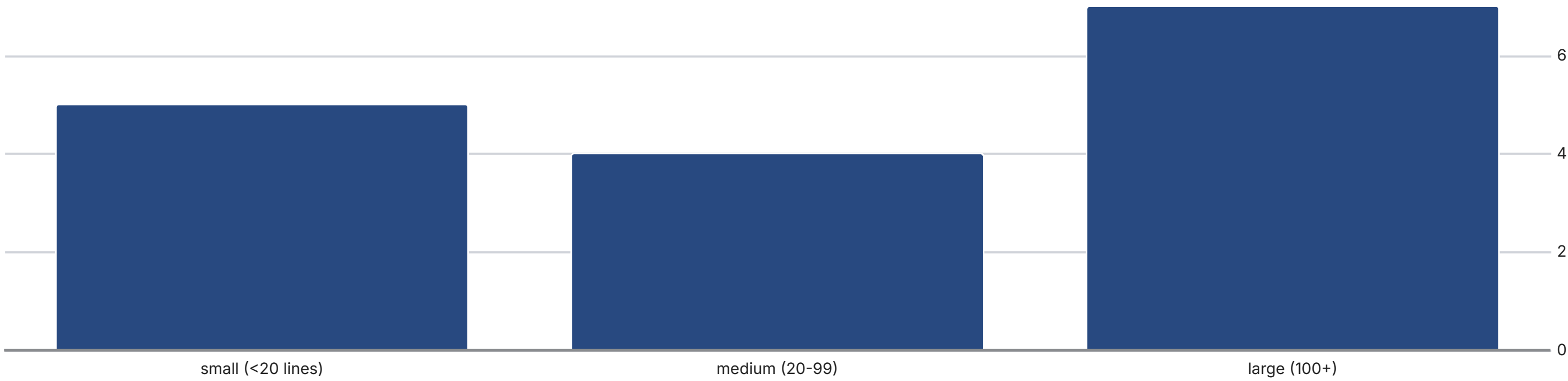
Backpatch Breadth by Severity

Median number of stable branches a fix landed on, by severity band — 'inclusion across releases'



Time to Fix by Change Size

Median report-to-fix latency per size bucket (bug-linked fixes) — does a bigger change take longer to land?



Fix Size vs Time to Fix

Each bug-linked fix: line churn (x, log) vs report-to-fix days (y, symlog so same-day fixes still show). The power-law fit is nearly flat — size explains ~0.7% of the variance ($R^2 = 0.007$), so bigger changes don't take longer to land.

