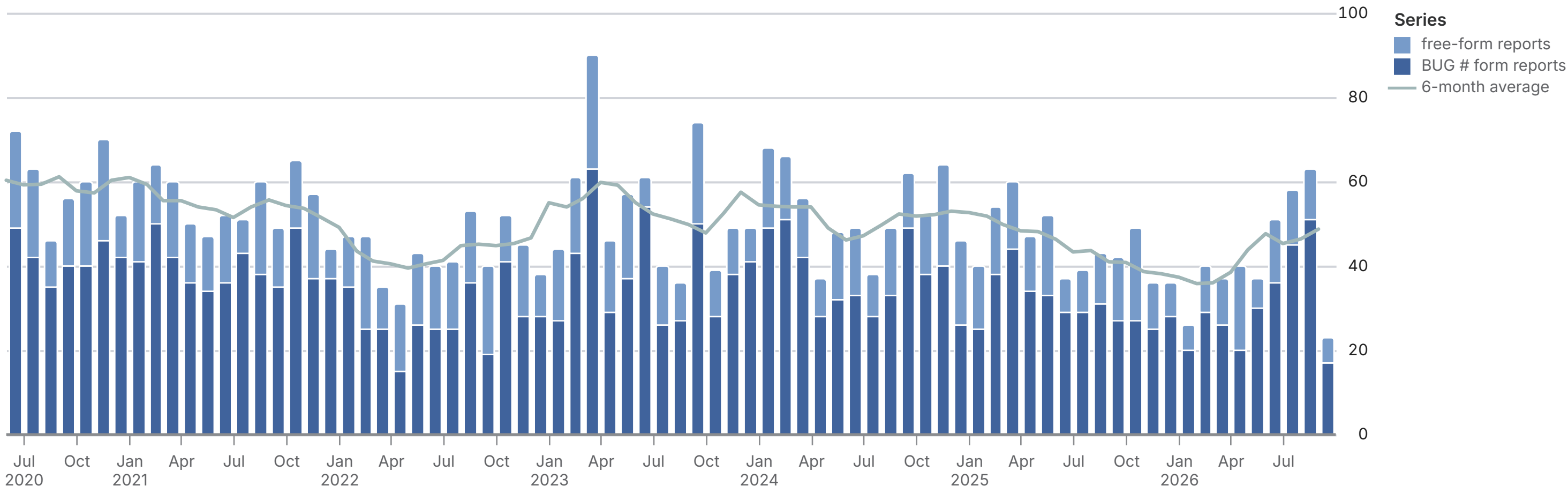


PostgreSQL Bug Reports

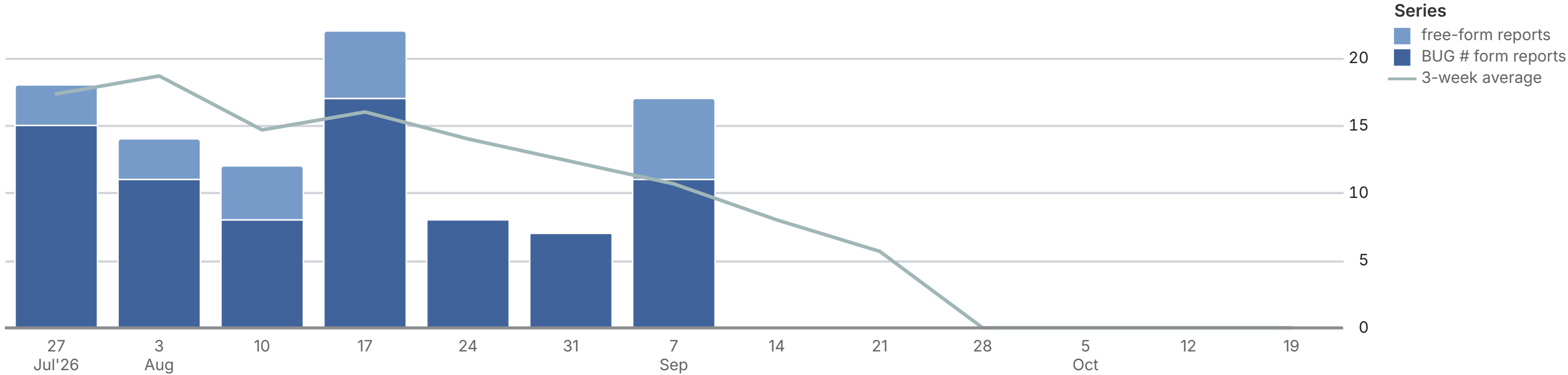
Bug Reports per Month

One new pgsql-bugs thread per report: BUG # web-form submissions stacked with free-form emails (about a third of reports); line = 6-month average of both



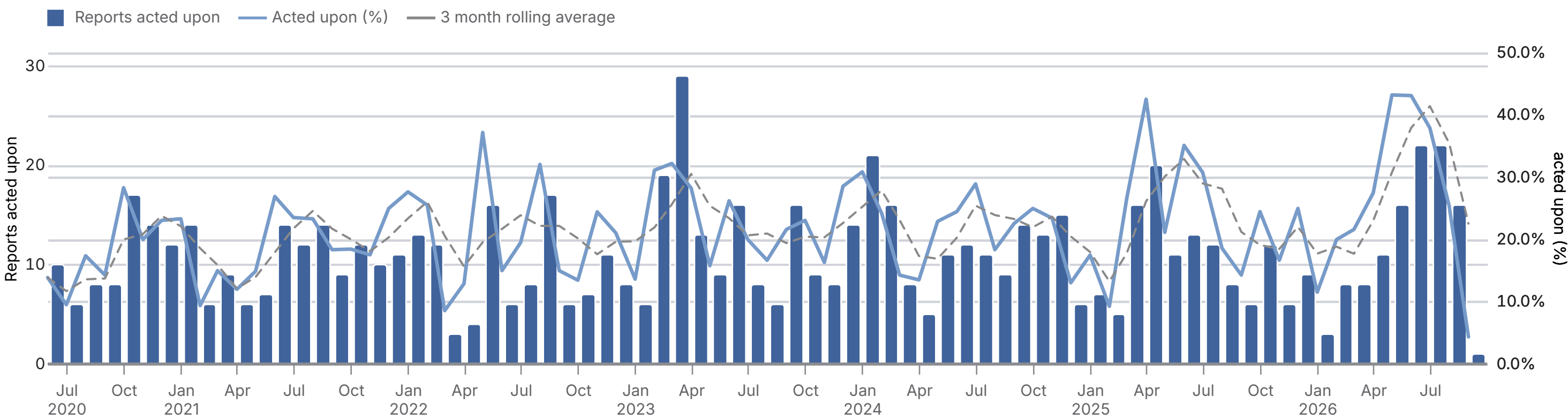
Bug Reports per Week

New pgsql-bugs threads, form + free-form; complete weeks only, last three rolling months, with a trailing 3-week average of both



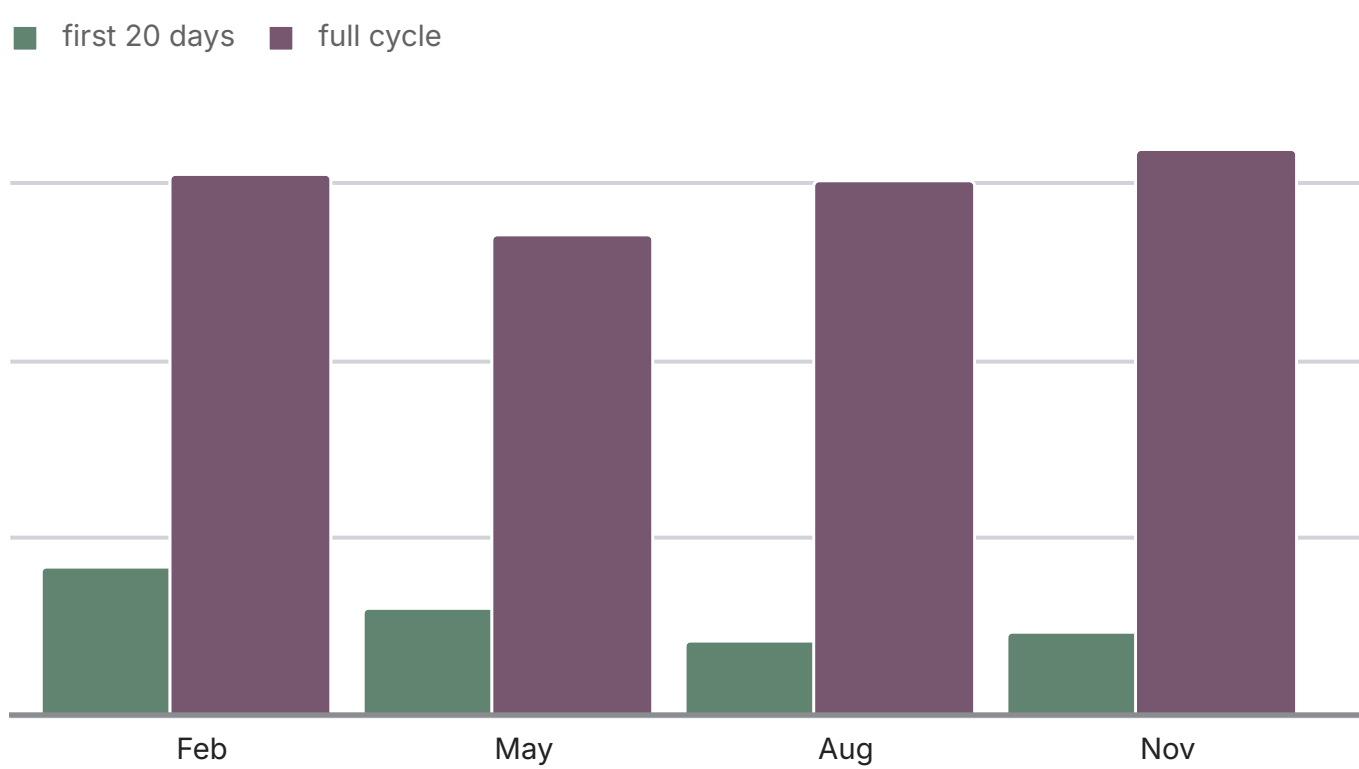
Bug Reports Acted Upon, by Month

All reports (form + free-form). Bars: reports later linked to a fix commit (count, left axis). Lines: acted-upon share (right axis) with its 3-month rolling average. Lower bound (exact links only); trailing months right-censored



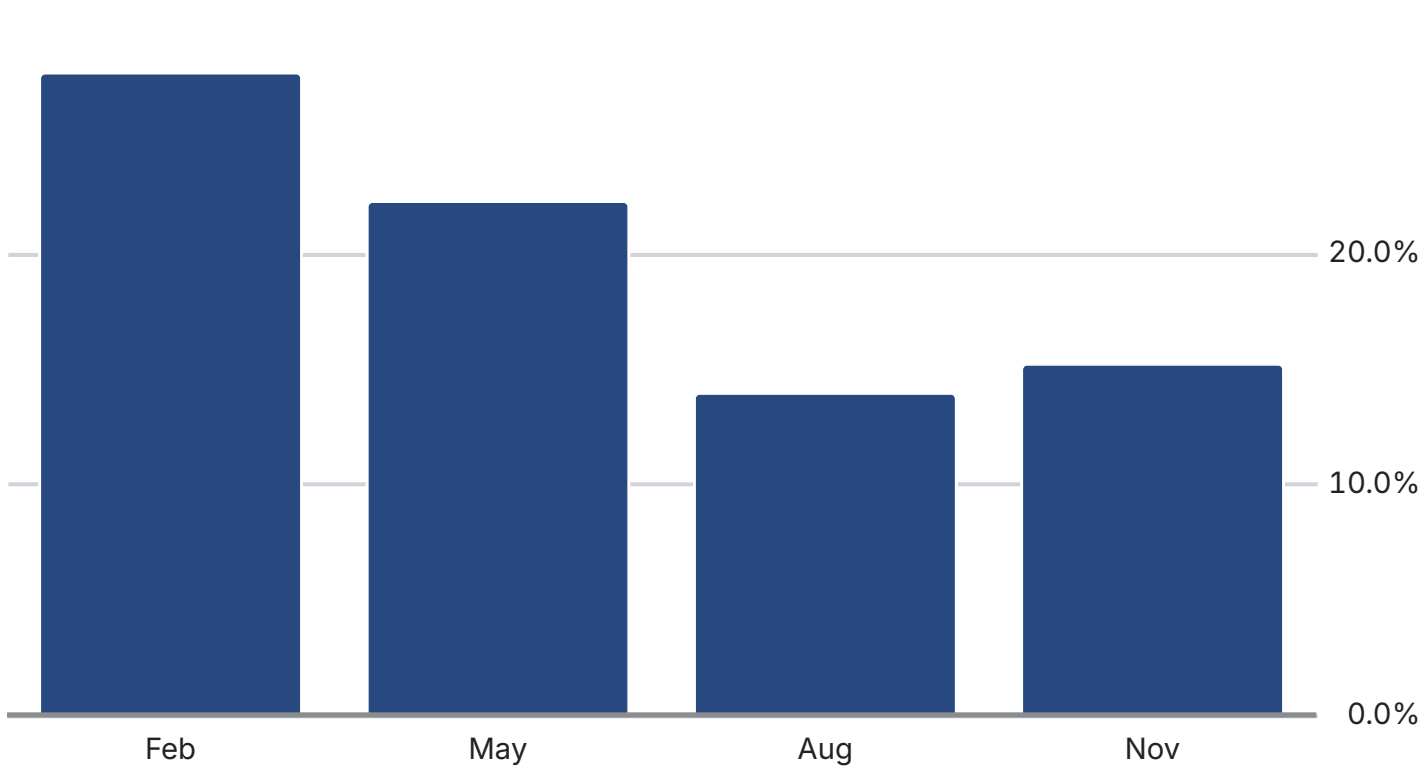
Fix Submission by Release Quarter: First 20 Days vs Full Cycle

Avg distinct backpatched fixes per cycle — full-cycle totals are ~flat; the early window is not



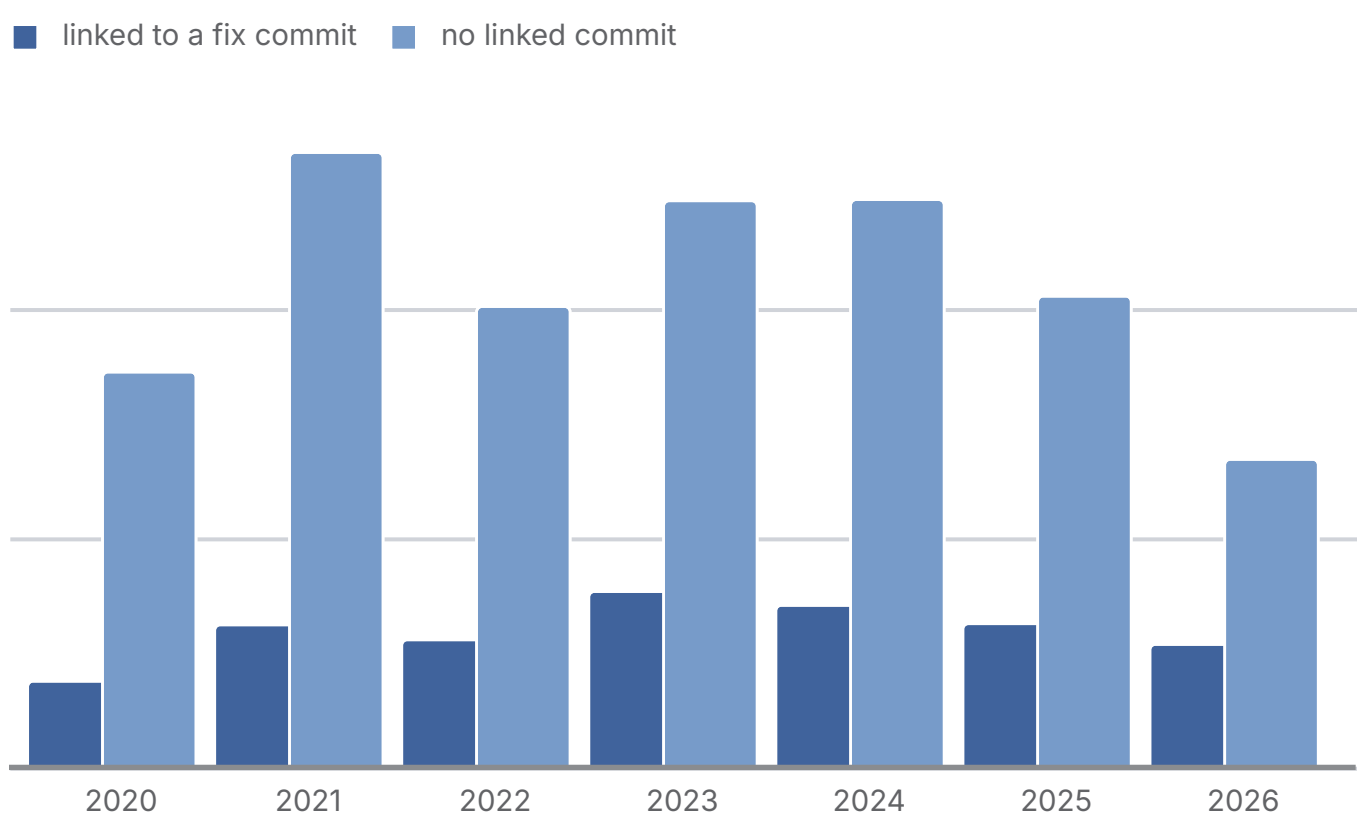
Front-Loading by Release Quarter

Share of the cycle's fixes committed in the first 20 days — Feb/May front-load, Aug/Nov back-load



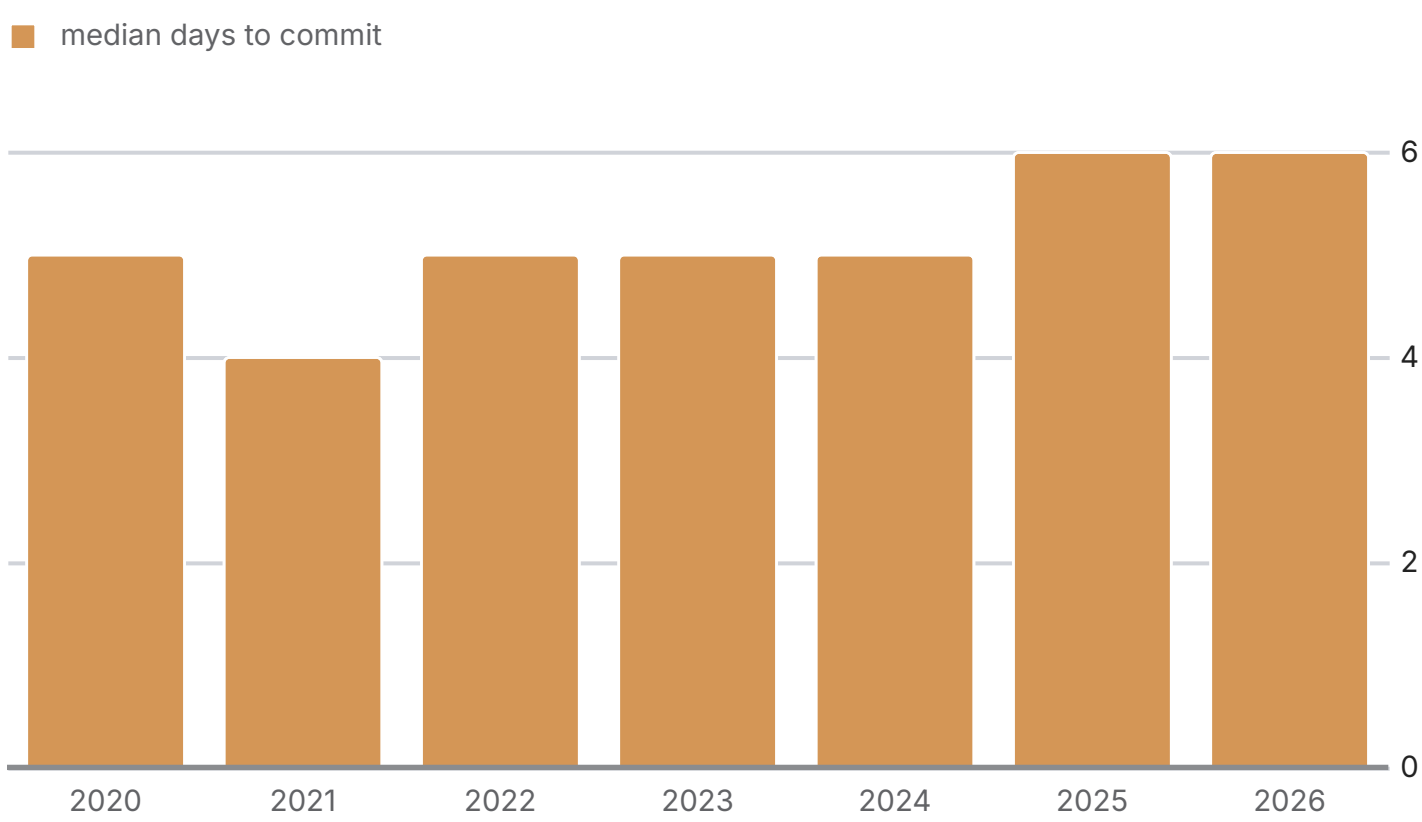
Report Outcomes per Year

All bug reports (form + free-form); roughly one in four ends up linked to a fix commit



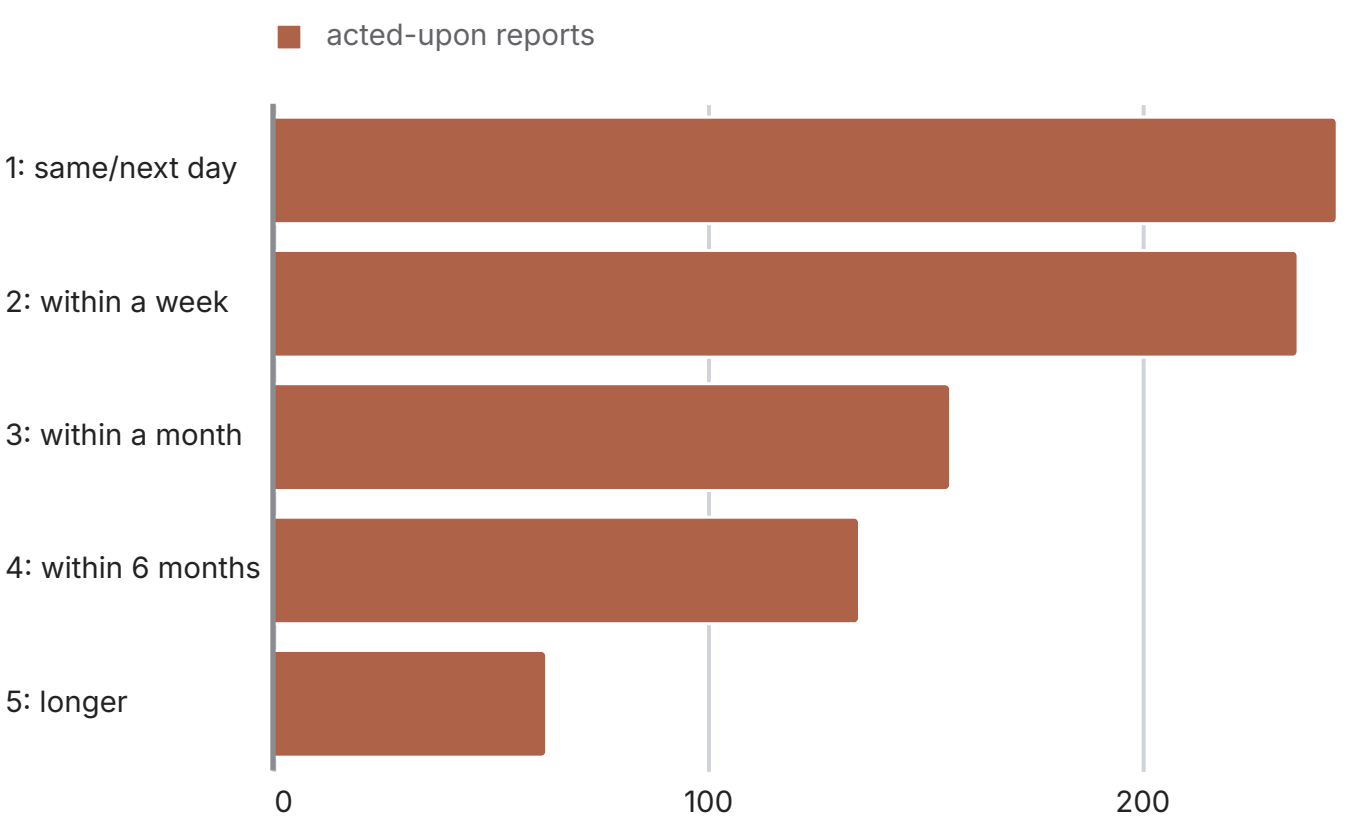
Median Report-to-Fix Latency per Year

Acted-upon reports only, form + free-form



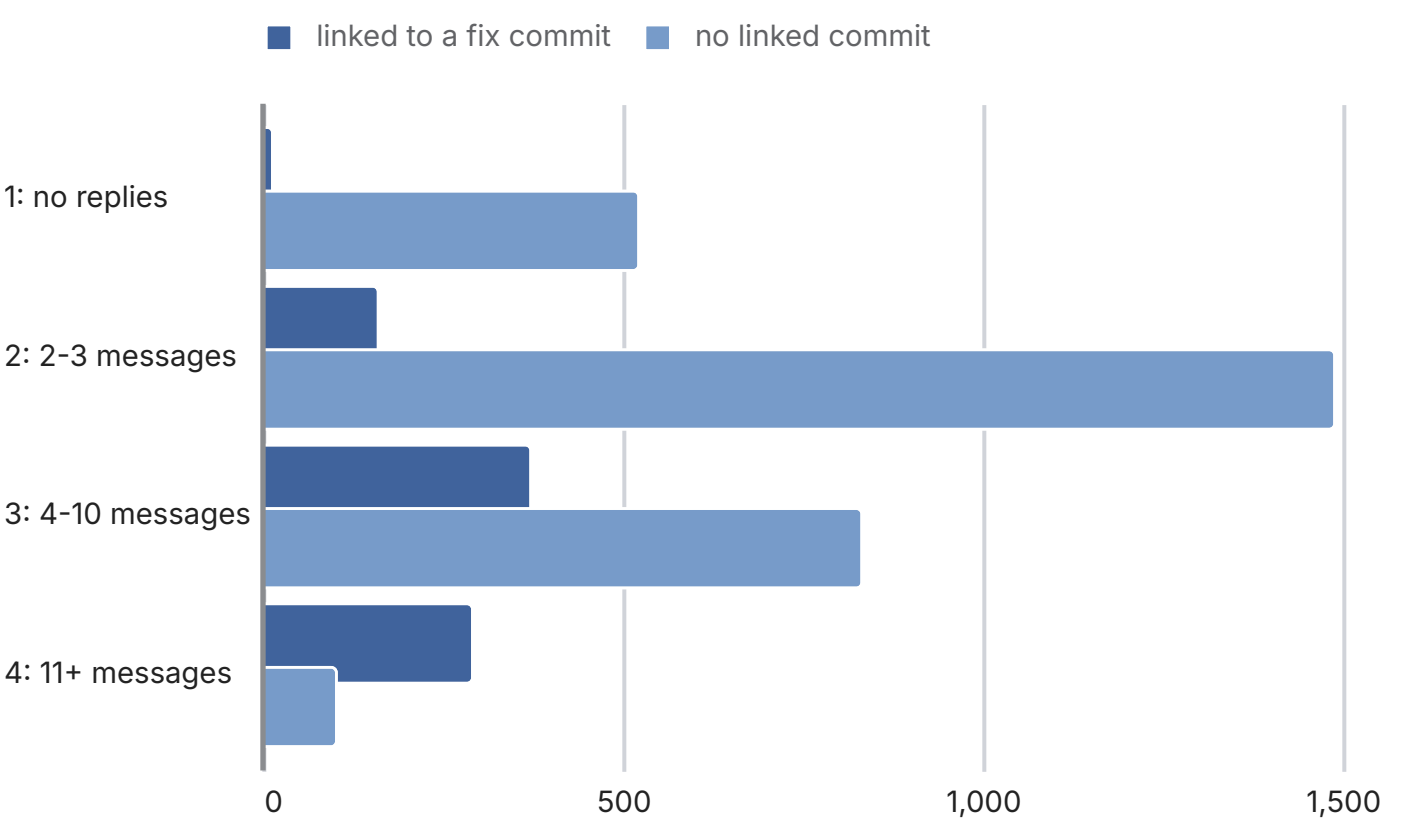
How Fast Fixes Land

All bug reports; days from report to its first linked commit -- most fixes land within a week



Discussion Volume by Outcome

All bug reports; reports that get fixed draw longer threads



Most-Discussed Bug Reports

Reported	Kind	Messages	Outcome	Days to fix	Subject
19 Dec 2020	free-form	147	fixed	42	CREATE INDEX CONCURRENTLY does not index prepared xact's data
29 Oct 2021	BUG # form	105	fixed	994	BUG #17257: (auto)vacuum hangs within lazy_scan_prune()
24 Oct 2021	BUG # form	103	fixed	3	BUG #17245: Index corruption involving deduplicated entries
16 Mar 2024	free-form	96	fixed	10	Regression tests fail with musl libc because libpq.so can't be loaded
19 May 2025	free-form	94	fixed	29	Logical replication 'invalid memory alloc request size 1585837200' after upgrading to 17.5
29 Oct 2021	BUG # form	90	fixed	77	BUG #17255: Server crashes in index_delete_sort_cmp() due to race condition with vacuum
11 May 2023	BUG # form	86	fixed	124	BUG #17928: Standby fails to decode WAL on termination of primary
2 Oct 2021	BUG # form	83	fixed	10	BUG #17212: pg_amcheck fails on checking temporary relations
18 May 2022	BUG # form	80	fixed	13	BUG #17485: Records missing from Primary Key index when doing REINDEX INDEX CONCURRENTLY
1 Jun 2020	free-form	77	fixed	10	Potential G2-item cycles under serializable isolation
16 Nov 2024	BUG # form	67	fixed	26	BUG #18711: Attempting a connection with a database name longer than 63 characters now fai
14 Jul 2022	free-form	61	fixed	47	Excessive number of replication slots for 12→14 logical replication
15 May 2025	free-form	54	-	—	Postgres: Queries are too slow after upgrading to PG17 from PG15
29 Sep 2020	BUG # form	51	fixed	15	BUG #16643: PG13 - Logical replication - initial startup never finishes and gets stuck in
23 Aug 2022	free-form	50	fixed	815	pg_rewind WAL segments deletion pitfall