

Return of Investment for Espeo testing levels

Testing	No formal testing	Bronze plan	Silver plan	Gold plan
Total investment	\$0	\$10,000	\$20,000	\$30,000

Development	No formal testing	Bronze plan	Silver plan	Gold plan
Unit tests & integration tests	0	5	5	5
Dev testing	25	25	25	25
Must-fix bugs found	25	25	30	30
Fix-cost	\$1,625	\$1,950	\$1,950	\$1,950

Testing	No formal testing	Bronze plan	Silver plan	Gold plan
Automated tests	0	10	15	15
Manual tests	0	30	35	35
Performance tests	0	0	0	5
Security tests	0	0	0	5
Must-fix bugs found	0	40	50	60
Fix-cost	\$0	\$6,000	\$7,500	\$9,000

Production	No formal testing	Bronze plan	Silver plan	Gold plan
Must-fix bugs found	75	30	20	10
Fix-cost	\$75,000	\$30,000	\$20,000	\$10,000

Cost of Quality	No formal testing	Bronze plan	Silver plan	Gold plan
Conformance (testing & bug preventing & detection)	\$0	\$10,000	\$16,000	\$20,000
Nonconformance (internal failures = fixing bugs retesting, external failures = angry customers, damage to company name)	\$76,625	\$37,950	\$29,450	\$20,950

Total Costs of Quality	\$76,625	\$47,950	\$45,450	\$40,950
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