You can create alerting policies in Stackdriver Monitoring to monitor the number of Stackdriver Trace spans ingested per month, your quota usage, and your rate of span ingestion. If you have never created an alerting policy, see Managing alerting policies (/monitoring/alerts/using-alerting-ui) for detailed information on using the Stackdriver Monitoring console.

To create an alerting policy that triggers when your monthly Stackdriver Trace (/trace/docs) spans ingested exceeds your quota, use the following settings:

Target pane

Field	Value
Resource type	Consumed API
Metric	Request count
Filter	service = cloudtrace.googleapis.com response_code = 429
Aggregator	sum
Advanced Aggregation	Aligner: sum Alignment Period: 1m

Conditions pane

Field	Value
Condition triggers if	Any time series violates
Condition	is above
Threshold	0
For	1 minute

To create an alerting policy that triggers when your monthly Stackdriver Trace (/trace/docs) spans ingested exceeds a user-defined limit, use the following settings:

Target pane

Field	Value
Resource type	global
Metric	Monthly trace spans ingested
Filter	
Aggregator	sum
Advanced Aggregation	Aligner: max Alignment Period: 60m

Conditions pane

Field	Value
Condition triggers if	Any time series violates

Conditions pane

Field	Value
`Condition`	`is above`
`Threshold`	You determine the acceptable value.
`For`	Minimum acceptable value is 30 minutes.